ESTUDIOS ESPECIALIZADOS DE MECANICA DE SUELOS, S.A. DE C.V.
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ESTUDIO DE MECANICA DE SUELOS

IT-223-08

CONSTRUCTORA MOYEDA, S.A. DE C.V.

COMPLEJO VIAL API VERACRUZ
VERACRUZ, VERACRUZ.

ING. ARTURO MOYEDA.

MONTERREY, NUEVO LEON, DICIEMBRE, 2008

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16 DE DICIEMBRE DEL 2008

CONSTRUCTORA MOYEDA, S.A. DE C.V.
AVE. MORONES PRIETO # 1310 "A".
COLONIA PIO X
MONTERREY, NUEVO LEON.

AT´N. SR. ING. ARTURO MOYEDA.

I. INTRODUCCION

Constructora Moyeda, S.A. de C.V, realizó la contratación de EEMSSA para la ejecución del Estudio de Mecánica de Suelos en el área en donde se proyecta la construcción de un complejo vial en el API Veracruz, en el Puerto de Veracruz, Veracruz.

De acuerdo a la información proporcionada a nosotros, se pretende la construcción de dicho complejo vial del cual lo forman varios pasos elevados, por lo que se definió el alcance de exploración de acuerdo a la distribución de dicho proyecto contando con las facilidades del personal del API Veracruz, para lograr acceso a los puntos indicados para la exploración.

El predio en estudio, se ubica a un costado del actual acceso carretero a las instalaciones del API Veracruz, presentando un desnivel considerable de la actual superficie de rodamiento, observando dunas de hasta 6.0 m. de altura de más de 50 m. de diámetro, lo cual se podrá observar el anexo fotográfico del área en estudio.

Se recomienda la ejecución de un estudio hidrológico superficial para evaluar las condiciones hidrológicas superficiales del área de construcción, con respecto al proyecto por desarrollar, para evitar problemas de encharcamientos o inundaciones, ya que se observaron algunos cauces naturales de bajantes de agua, por lo que se deberá contemplar el sistema pluvial de las construcciones proyectadas y su disposición final.

Toda la información obtenida de la exploración realizada en dicho predio, se presenta a continuación siendo esta propiedad de Constructora Moyeda, S.A. de C.V., y su cliente, por lo que se deberá de respetar el derecho de confidencialidad en todo momento por sus consultores y contratistas.

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II. GEOLOGIA DEL ESTADO DE VERACRUZ

El estado de Veracruz, ha quedado comprendido dentro de siete provincias, que son: Llanura Costera del Golfo Norte, Sierra madre Oriental, Eje Neovolcánico, Sierra Madre del Sur, Cordillera Centroamericana y Sierras de Chiapas y Guatemala; cada una de ellas con características litológicas, estructurales y geomorfológicos propias y definidas.

Provincia Llanura Costera del Golfo Norte. Comprende gran parte del Norte del estado, desde el límite con Tamaulipas hasta el Sur de Papantla, donde se localizan las elevaciones del Eje Neovolcánico; su límite occidental lo constituye la Sierra Madre Oriental y hacia el Oriente el Golfo de México.

Los afloramientos más extensos corresponden a rocas sedimentarias detríticas del Terciario, depositadas en la Cuenca Tampico-Misantla. Las rocas más antiguas en esta región son las del Cretácico Superior, en tanto que las más recientes son depósitos de suelos, formados por materiales detríticos derivados de las rocas preexistentes.

Estratigrafía, en esta provincia existe una gran diversidad de rocas representativas de los diferentes periodos geológicos, específicamente del Cretácico Superior, Paleoceno, Eoceno, Oligoceno, Mioceno, así como rocas volcánicas.

Provincia Sierra Madre Oriental. Comprende parte de la zona occidental del estado. Está constituida por una cadena montañosa plegada. La forman potentes espesores de rocas sedimentarias, tanto marinas como continentales.

Estratigrafía, las rocas más antiguas de la provincia, dentro de Veracruz, están representadas por lutitas y areniscas del Pérmico. También hay rocas representativas del Triásico, Jurásico Inferior, Cretácico Inferior, Cretácico Superior y del Mesozoico.

Provincia Eje Neovolcánico. Esta provincia atraviesa el estado aproximadamente en su porción central, y se extiende desde el Sur de Papantla de Olarte hasta el Norte de Córdoba.

Estratigrafía: esta provincia está constituida principalmente por rocas ígneas de composición andesítica, riolítica y basáltica, que se depositaron durante el Cenozoico Superior en forma de derrames, tobas, brechas y cenizas volcánicas. Las rocas más antiguas que afloran en esta porción corresponden a depósitos calcáreo-arcillosos del Jurásico Superior, las más jóvenes a depósitos no consolidados del Cuaternario.

Provincia Sierra Madre del Sur. Esta provincia comprende la porción limítrofe con el estado de Puebla, en el área de Orizaba. Está formada por montañas plegadas que siguen una orientación Noroeste-Sureste.

Estratigrafía: Del Cretácico Inferior aflora una secuencia de calizas negras que contienen lentes y bandas de pedernal. El Cretácico Superior está representado por la unidad de calizas de color gris claro y negro depositadas en mares profundos. En los valles de Orizaba y Córdoba se han depositado potentes espesores de suelos aluviales del Cuaternario provenientes de la erosión de rocas volcánicas y calcáreas.

Provincia Llanura Costera del Golfo Sur. Ocupa casi toda la porción Sur de la entidad. Se extiende en forma de franja más o menos paralela al Golfo de México, desde el Norte de la ciudad de Veracruz hasta el río Tonalá, de donde continúa por el territorio tabasqueño.

Estratigrafía: las rocas que afloran en la provincia cubren un lapso geocronológico que va del Jurásico Superior al Cuaternario (Reciente).

Esta provincia está constituida en su mayor parte por depósitos recientes formados de suelos que cubren gran parte de la secuencia sedimentaria depositada en cuencas marinas del Terciario.

Los afloramientos de rocas volcánicas se distribuyen en el área de los Tuxtlas, donde su expresión morfológica de volcanes y prominencias topográficas contrastan con la llanura costera.

Provincia Cordillera Centroamericana. Abarca una pequeña zona del Sur del estado. Forma una cadena de montañas constituida por un núcleo de rocas cristalinas sobre el cual descansa la secuencia de rocas sedimentarias del Mesozoico.

Estratigrafía: las rocas que están expuestas a la superficie, cubren un rango geocronológico que va del Paleozoico hasta el Cretácico Inferior. Las rocas intrusivas ácidas (granito y granodioritas), son las más antiguas y las que constituyen el basamento, su morfología es de sierras altas y escarpadas. Afloran hacia el sur de Minatitlán, en los límites con el estado de Oaxaca.

Provincia Sierras de Chiapas y Guatemala. Comprende una parte del sureste del estado. Está constituida por rocas sedimentarias principalmente del Mesozoico, aunque también existen depósitos del Cenozoico. La unidad litológica más antigua que aflora en esta porción de la provincia es del Triásico, y la más reciente del Oligoceno.

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III. HIDROLOGIA REGIONAL DEL PUERTO DE VERACRUZ

Esta información presentada a continuación, obtenida de los Atlas del Agua generados por la C.N.A. y el I.M.T.A., se presenta únicamente como informativa hacia las condiciones climatológicas de la zona en general y no para ser utilizada en proyectos de detalle. Es importante mencionar que para los diseños a detalle y toma de decisiones existen registros de cualquiera de esta disciplina a detalle y de las estaciones meteorológicas y climatológicas del área, lo cual deberá ser solicitado hacia la Autoridad Federal correspondiente como la C.N.A. o ser investigado en los diversos sistemas de información concentrada a nivel nacional o local.

Los vientos en el Puerto de Veracruz, corresponden a un por ciento de calmas de 1,0 y 1 para los meses de Enero, Febrero y Marzo respectivamente, así como con una intensidad predominante de 11,2 y 11 m/s., también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta del norte y en segundo lugar desde el oriente o nororiente de esta zona.

Los vientos corresponden a un por ciento de calmas de 0,0 y 1 para los meses de Abril , Mayo y Junio respectivamente, así como una intensidad predominante de 6,6 y 6 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta preferentemente proveniente del nororiente, sin embargo los de mayor consideración provienen del Norte. Y mayor frecuencia desde el Nororiente de la zona.

Los vientos corresponden a un por ciento de calmas de 1,10 y 1 para los meses de Julio, Agosto y Septiembre respectivamente, así como con una intensidad predominante de 5,5 y 7 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta preferentemente proveniente del nororiente.

Los vientos corresponden a un por ciento de calmas de 0,0 y 1 para los meses de Octubre, Noviembre y Diciembre respectivamente, así como con una intensidad predominante de 10, 10 y 10 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensuales se presenta preferentemente proveniente del norte.

Las temperaturas mínimas extremas de esta región oscilan entre los 6 y los 8° centígrados, la cual deberá ser tomada en cuenta para las consideraciones generales de diseño.

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Con la máximas temperaturas que se presentan en el área de estudio y como nos podremos imaginar por estar cerca de la costa, son sumamente altas oscilando entre los 42 y 44° centígrados, que aunado a otros factores como humedad relativa, evaporación, etc., marcan las características de la zona en estudio.

La temperatura media anual es el resultado de la combinación de la información antes mencionada como es las temperaturas mínimas extremas que es de 8° C y la máxima de la zona que es 44° C, resultando una temperatura media de 26° C.

La precipitación media anual dentro de esta zona oscila entre los 1600 y 1800 mm., lo que constituye en una zona de gran producción pluvial, lo cual deberá ser determinado a detalle en el estudio hidrológico que se realice.

La máxima precipitación acumulada en 24 horas dentro de los registros oficiales de la C.N.A. la cual corresponde para esta zona en 350 a 400 mm. una de las mayores dentro del país.

La humedad dentro de esta zona corresponde a un valor superior a los 75%, considerándose como una región con clima cálido con humedad alta, la cual podrá ser utilizada para consideraciones conceptúales y preliminares en sistemas de deshumidificación o extracción de humedad de edificación.

La velocidad promedio del viento con mayor frecuencia es de 9 m/s., sin embargo el porcentaje de calmas es de 1%, siendo el valor máximo promedio de la velocidad del viento de 9 m/s.

En el Río Panuco se concentra la medición de escurrimientos por lo cual se puede observar que los meses con mayor precipitación registrada es en Septiembre con un valor aproximado de 900 mm. y los valores de precipitación media registrados es de 320 mm. encontrándose valores mínimos de precipitación de 0 mm.

La probabilidad para los meses con mayor incidencia de lluvias, para una precipitación de 400 mm. es el mes de Septiembre con una probabilidad de 10%, y para una altura de precipitación de 100 mm., con una probabilidad de 90%.

Para esta zona la probabilidad de heladas es de 0%, sin embargo los efectos de los cambios climáticos pudieran provocar bajas de temperatura importantes, aun sin saber si se pueden presentar heladas en esta zona del País.

Al igual que las heladas estos días al año con la presencia de granizo son mínimos y oscilan entre 0 y 1 día.

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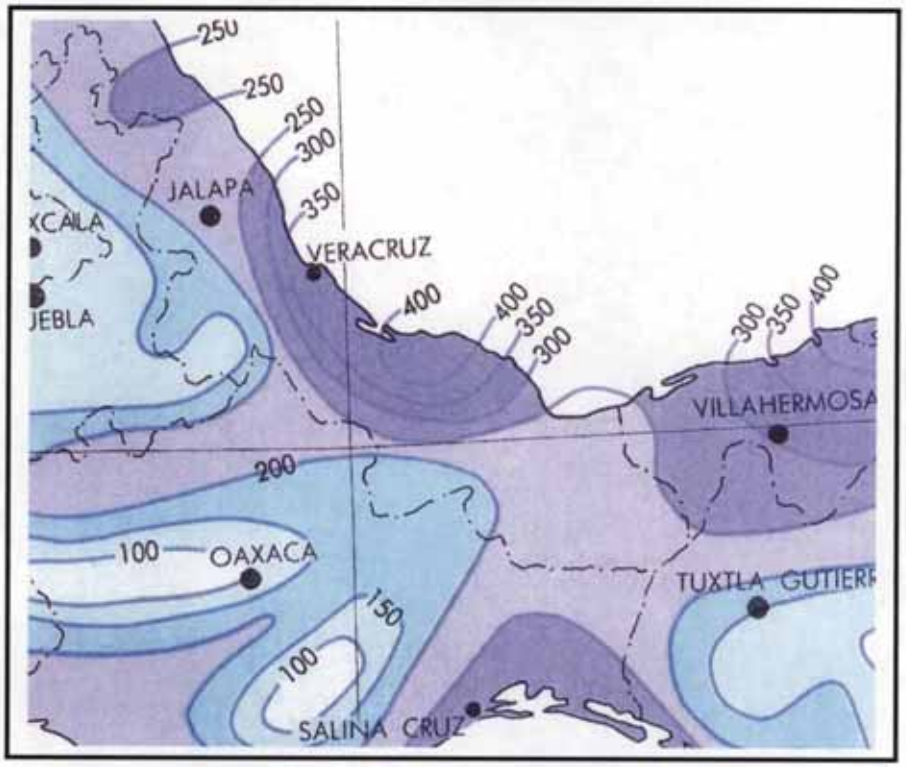
Figura "A"
Precipitación máxima en 24 horas



Esta gráfica corresponde a la máxima precipitación acumulada en 24 horas dentro de los registros oficiales de la C. N. A., la cual corresponde para esta zona en 350 a 400 mm una de las mayores dentro del País.

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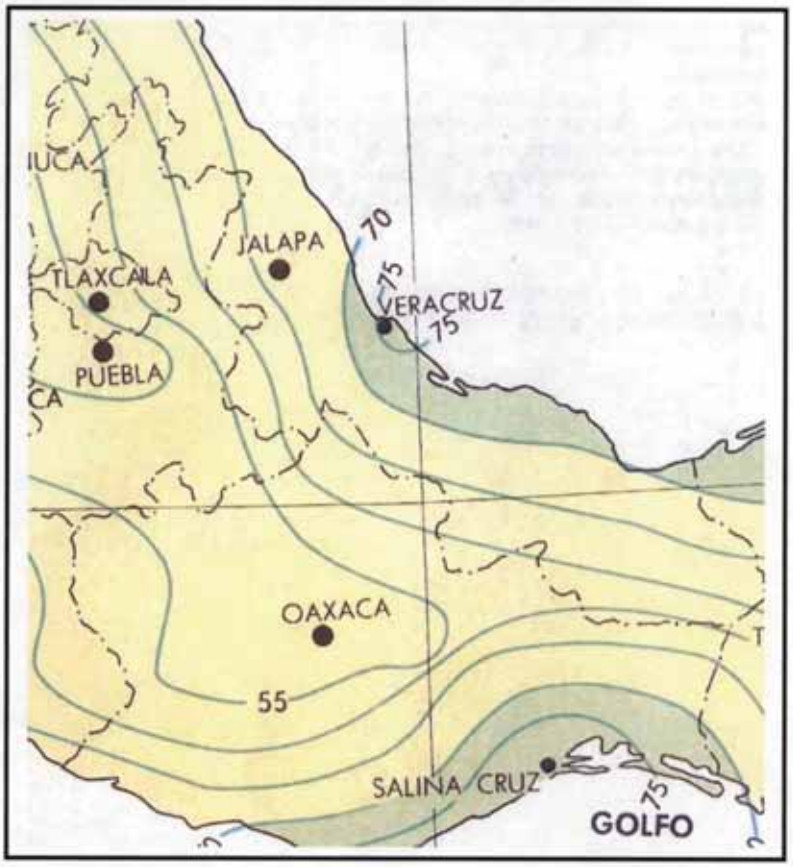
Figura "B"
Humedad relativa media anual



La humedad dentro de esta zona corresponde a un valor superior a los 75%, considerándose como una región con clima cálido con humedad alta, la cual podrá ser utilizada para consideraciones conceptuales y preliminares en sistemas de deshumidificación o extracción de humedad de edificación.

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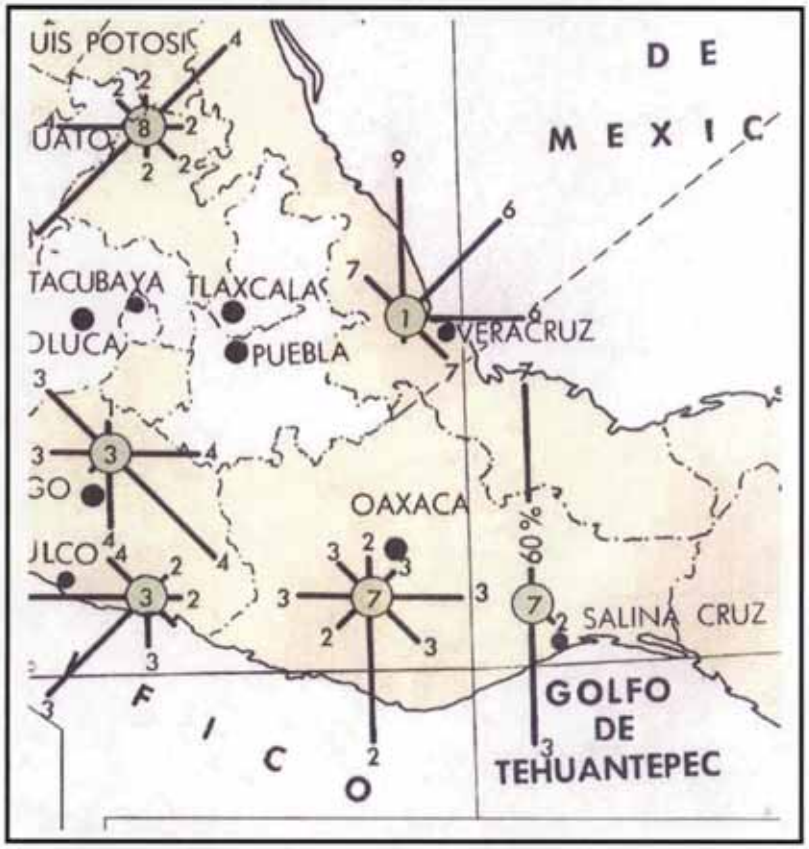
Figura "C"
Rosa de vientos promedio anual a la 14 horas



La velocidad promedio del viento con mayor frecuencia es de 9 m/s, sin embargo el porcentaje de calmas es de 1%, siendo el valor máximo promedio de la velocidad del viento de 9 m/s.

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IV. OBJETIVOS DEL ESTUDIO

Los objetivos de este estudio son los siguientes:

Evaluar las características físico-mecánicas de los materiales presentes en la estratigrafía del sitio determinada por el muestreo alterado, ejecutar pruebas de laboratorio que nos proporcionen sus parámetros, para determinar las capacidades de carga admisibles para los diferentes tipos de cimentación superficiales para dar solución al problema de cimentación de los futuros puentes o con las diferentes opciones del uso de pilas de cimentación coladas in situ a diferentes profundidades de desplante.

V. ALCANCE DE LA EXPLORACION

El alcance de la exploración consistió en la ejecución de 10 sondeos con máquina perforadora rotatoria, marca Central Mine Equipment, modelo CME-55 montada en un camión International, llevando acabo todos los sondeos a una profundidad de 20.00 m., la perforación se realizó con barrenas espirales sólidas de 4¼"de diámetro externo y broca cortadora de 4½" de diámetro externo con insertos de carburo de Tungsteno de acuerdo a la norma ASTM D 1452, en seco en los primeros metros de espesor, continuando el avance de la perforación con el uso de broca Drag bit y lodo bentonítico, para la estabilización de las paredes de la perforación, esto se llevó acabo hasta la máxima profundidad de exploración, pudiendo apreciar dichos trabajos en el anexo fotográfico de este informe técnico.

La exploración se ejecutó en los puntos propuestos por ustedes mismos de acuerdo a la distribución de las futuras construcciones, y a los accesos generados para dicha exploración, mostrándose su localización en el croquis esquemático anexo en la Figura N° 1, así como en el anexo fotográfico de los trabajos de campo.

Para lograr dicha ubicación fue necesaria la utilización de maquinaria pesada, para generar los accesos por el monte y material apilado en dunas existente en el predio en estudio.

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VI. MUESTREO DURANTE LA EXPLORACION

El muestreo durante la exploración se realizó en forma alterada, a cada metro de profundidad, mediante el uso del muestreador del tipo tubo partido de la prueba de penetración estándar, de acuerdo a la norma ASTM D-1586-99, la cual consiste en hincar a base de golpes un muestreador del tipo tubo partido de 60.0 cm. de largo, 5.08 cm. de diámetro exterior y 3.49 cm. de diámetro interior mediante la energía proporcionada por una masa de 64.0 Kg. de peso que se deja caer libremente de una altura de 75.0 cm. El número de golpes necesarios para que el muestreador penetre los 30.0 cm. intermedios nos mide en forma indirecta la resistencia a el esfuerzo cortante del subsuelo a la profundidad muestreada.

Debido a la consistencia de los materiales detectados, se logró la penetración completa del muestreador estándar en la mayoría de las pruebas ejecutadas y solo en algunas pruebas se logró la penetración parcial de dicho muestreador; las muestras recuperadas fueron debidamente clasificadas en campo, identificadas y almacenadas para evitar la perdida de humedad y así trasladarlas a nuestro laboratorio para los análisis correspondientes de sus propiedades índice.

La presencia del nivel de aguas freáticas se detectó desde una profundidad de 4.00 m. el nivel más somero, hasta 8.10 m. el más profundo, lo cual se deberá considerar para la ejecución del proyecto, dicho nivel se presenta en cada uno de los perfiles estratigráficos anexos en las Figuras N°2 a la N°11.

VII. TRABAJOS DE LABORATORIO

Las muestras recuperadas y el material producto de la perforación se clasificaron en forma visual y al tacto en húmedo y seco de acuerdo a los lineamientos que nos marca el sistema unificado de clasificación de suelos, de acuerdo a la norma ASTM D 2936, para complementar ésta clasificación se efectuaron las siguientes determinaciones:

CONTENIDO NATURAL DE AGUA, D 2216
LIMITE LIQUIDO, D 423
LIMITE PLASTICO, D 424
CLASIFICACION PARA PROP. INGENIERIA, D 2487

Cuyos resultados se muestran en los perfiles estratigráficos anexos en las Figuras N°2 a la N°11, así como los resultados de las pruebas de penetración estándar realizadas.

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VIII. ESTRATIGRAFIA

La estratigrafía del área en estudio se describe en forma general a continuación:

En la parte superficial y con un espesor de 11.0 m., se tiene una arena de grano fino con escaso limo del color café claro, la cual resiste de 7 a 50 golpes en la prueba de penetración estándar, ejecutada de acuerdo a la Norma ASTM D 1586. Subyaciendo a estos materiales y hasta 18.0 m. de profundidad se detectó el estrato de arena de grano fino de color gris verdoso con restos de conchas, la cual resiste de 20 a 50 golpes. Finalmente y hasta la máxima profundidad explorada se detectó el estrato de arena de color gris obscuro verdoso, la cual resiste de 14 a 47 golpes.

Todas las muestras se clasificaron en campo, identificándolas y protegiéndolas para su traslado a nuestro laboratorio a la ciudad de Monterrey, Nuevo León.

IX. CAPACIDAD DE CARGA ADMISIBLE

La selección del tipo y profundidad de desplante de la cimentación, está dada generalmente por varios factores tales como son:

La magnitud de la carga estructural.

La flexibilidad de la estructura para aceptar los asentamientos diferenciales.

Las características de resistencia del subsuelo.

Las propiedades de expansión de los estratos presentes.

La presencia del nivel de aguas freáticas.

El costo de la cimentación seleccionada para las estructuras.

Con todo esto y lo obtenido en las pruebas realizadas y el tipo de materiales detectados durante la exploración, se proporciona la capacidad de carga admisible para el uso de cimentaciones superficiales para bases de cimentación o zapatas aisladas con pedestales, las cuales se podrán desplantar a cualquiera de las siguientes profundidades medidas a partir del nivel de inicio de los sondeos de exploración (dichas elevaciones se presentan en cada perfil estratigráfico para ser consideradas en el proyecto) y diseñar con su respectiva capacidad de carga admisible, verificando siempre que no se tenga material suelto en el fondo de las excavaciones:

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Bases de cimentación o Zapatas Aisladas con pedestales.

Profundidad de desplante m	Capacidad de carga admisible Kg/cm^2
1.00-1.30	1.55
2.00-2.30	2.50
3.00-3.30	3.30
4.00-4.30	4.30

Las capacidades de carga admisibles fueron calculadas con la teoría de Terzaghi considerando un factor de seguridad de 3 y un ancho unitario de 1.0 m.

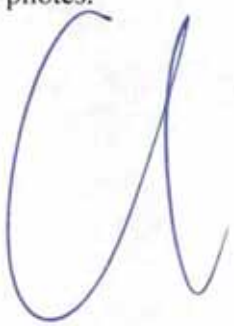
Otra opción para dar solución al problema de cimentación de los futuros puentes, es el uso de pilas coladas en el lugar con fuste recto, las cuales podrán ser desplantadas a cualquiera de las siguientes profundidades de 12.0 y 15.0 m., dichos pilotes o pilas trabajarán por punta y fricción, proporcionando sus respectivas capacidades de carga admisible de acuerdo al diámetro de su construcción.

De acuerdo a los diámetros más utilizados por las compañías piloteadoras de la localidad, se proporcionan los siguientes diámetros, así como sus respectivas capacidades de carga admisible, de acuerdo al manual de Diseño y Construcción de Pilas y Pilotes de la Sociedad Mexicana de Mecánica de Suelos, considerando su respectivo factor de seguridad.

Capacidades de carga admisibles estáticas, para desplante a 12.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	22.62	65.00
0.80	0.5026	30.16	108.00
0.90	0.6361	33.93	132.00
1.00	0.7854	37.70	160.00
1.20	1.1309	45.23	222.00
1.50	1.7671	56.54	334.00
1.80	2.5447	67.86	469.00
2.00	3.1416	75.39	571.00

Todas las pilas deberán contar con el fuste de 12.0 m. a partir del nivel de inicio de los sondeos de exploración, en caso de que se generen plataformas se deberá sumar dicho espesor de plataforma a la longitud de las pilas o pilotes.



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Capacidades de carga admisibles dinámicas, para desplante a 12.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	22.62	81.50
0.80	0.5026	30.16	135.50
0.90	0.6361	33.93	166.00
1.00	0.7854	37.70	200.00
1.20	1.1309	45.23	278.00
1.50	1.7671	56.54	344.00
1.80	2.5447	67.86	585.00
2.00	3.1416	75.39	714.50

Capacidades de carga admisibles estáticas, para desplante a 15.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	28.27	107.50
0.80	0.5026	37.70	177.00
0.90	0.6361	42.41	218.00
1.00	0.7854	47.12	264.50
1.20	1.1309	56.55	368.00
1.50	1.7671	70.68	550.00
1.80	2.5447	84.82	783.50
2.00	3.1416	94.24	956.00

Capacidades de carga admisibles dinámicas, para desplante a 15.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	28.27	134.00
0.80	0.5026	37.70	221.50
0.90	0.6361	42.41	273.50
1.00	0.7854	47.12	330.50
1.20	1.1309	56.55	460.50
1.50	1.7671	70.68	687.00
1.80	2.5447	84.82	979.50
2.00	3.1416	94.24	1,195.00

ESTUDIOS ESPECIALIZADOS DE MECANICA DE SUELOS, S.A. DE C.V.
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X. SISMICIDAD.

El estado de Veracruz se localiza sobre la zona sísmica "B" de acuerdo a la regionalización sísmica de la República Mexicana.

En específico el Puerto de Veracruz, y con el tipo de suelo de cimentación intermedio a partir de 1.0 m de profundidad, se determina el coeficiente sísmico para utilizar en el diseño de c= 0.30, para estructuras del grupo "B", lo cual deberá de ser evaluado por el calculista del proyecto para su uso.

Se anexa el gráfico de la regionalización sísmica de la república mexicana y sus coeficientes para los diferentes tipos de materiales detectados en el predio en estudio.

XI. RECOMENDACIONES GENERALES DE CONSTRUCCION.

Realizar la colocación de bancos de nivel para el control de niveles del proyecto.

Realizar un estudio hidrológico superficial del predio y sus alrededores para evaluar o determinar los riesgos de inundación de las futuras construcciones, para diseñar las estructuras hidráulicas que den solución a dichos riesgos.

Todas las excavaciones que se tengan que realizar para la ejecución del proyecto, se podrán ejecutar dejando taludes con una inclinación de 70° con respecto a la horizontal, debiendo de señalizar y proteger dichas excavaciones para evitar accidentes durante el proceso de la obra.

Se deberá verificar que no exista material suelto producto del proceso de corte en el fondo de las excavaciones que alojarán a la cimentación seleccionada, antes del colado de la plantilla de concreto pobre de f'c= 100 Kg/cm^2.

Cumplir con el recubrimiento mínimo de las estructuras de 5.0 cm. en caso de no contar con plantillas de concreto (o contacto con el suelo) y de 3.0 cm. en caso de contar con la plantilla de concreto o cumplir con las especificaciones del proyecto de acuerdo a su ubicación cercana al mar.

Otro aspecto muy importante, es el de proteger las excavaciones o perforaciones realizadas que alojarán a la cimentación seleccionada de las infiltraciones o inundaciones, por las lluvias que se puedan presentar durante el periodo de construcción, para evitar la saturación del material o inundaciones de las mismas y evitar maniobras de bombeo, así como el de mantener el menor tiempo posible las excavaciones abiertas, para evitar cualquier tipo de accidente.

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Para el relleno de las excavaciones, se podrá utilizar el mismo material de corte, evitando la capa orgánica o utilizar material de banco; este deberá de ser analizado antes de su uso para verificar que cumpla con los parámetros requeridos por la Secretaría de Comunicaciones y Transportes para este tipo de uso, colocándolo en capas de 0.20 m. de espesor, agregando agua en riegos para alcanzar su humedad óptima o cercana a esta y compactar al 95% de su P.V.S.M.

Para la opción del uso de pilas coladas en el lugar, se deberán de seguir las siguientes consideraciones.

La separación mínima de centro a centro entre pilas deberá ser igual o mayor a tres diámetros.

Una vez definido el arreglo de las pilas para la cimentación, no se permitirán desviaciones de la posición de proyecto de más de 7.5 cm.

La perforación se podrá realizar con augers o botes para extraer el material de recorte, utilizando ademe metálico recuperable o lodo bentonítico para la estabilización de las paredes de las perforaciones.

Cuidar de no golpear las paredes de la perforación con el acero de refuerzo, para evitar la caída del material al fondo de la excavación.

El colado de las pilas deberá de realizarse con descarga ahogada con tubo Tremié, para garantizar la calidad del concreto, esto en el menor tiempo posible sin permitirse ninguna interrupción.

Se deberá de proporcionar toda la información a las compañías piloteadoras que realicen la cotización de los trabajos, para evitar sobre costos por cambio de equipo o herramientas durante la ejecución de las pilas y considerar la presencia del nivel de agua freática desde los 4.0 a los 8.10 m. detectados durante la exploración de este estudio.

Utilizar concreto premezclado de cualquiera de las compañías concreteras de la localidad para los elementos principales, y si se fabrica en obra concreto para estructuras secundarias, se deberá verificar los proporcionamientos para las resistencias requeridas por el diseño de estos elementos estructurales, realizando dicho concreto con revolvedora y cuidando la relación agua-cemento en cada bachada que se realice.

Todos los elementos de concreto que se construyan para el proyecto, se recomienda que se curen con un aditivo de conocida marca y no con riegos de agua y se realice su revisión estructural, las cuales deberán de cumplir con los requisitos de diseño y de estática correspondiente.

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Los valores recomendados para realizar el diseño de las cimentaciones están de acuerdo al tipo de materiales detectados y a los resultados de las pruebas realizadas en el predio explorado, por lo que no deberán de correlacionarse en otro sector.

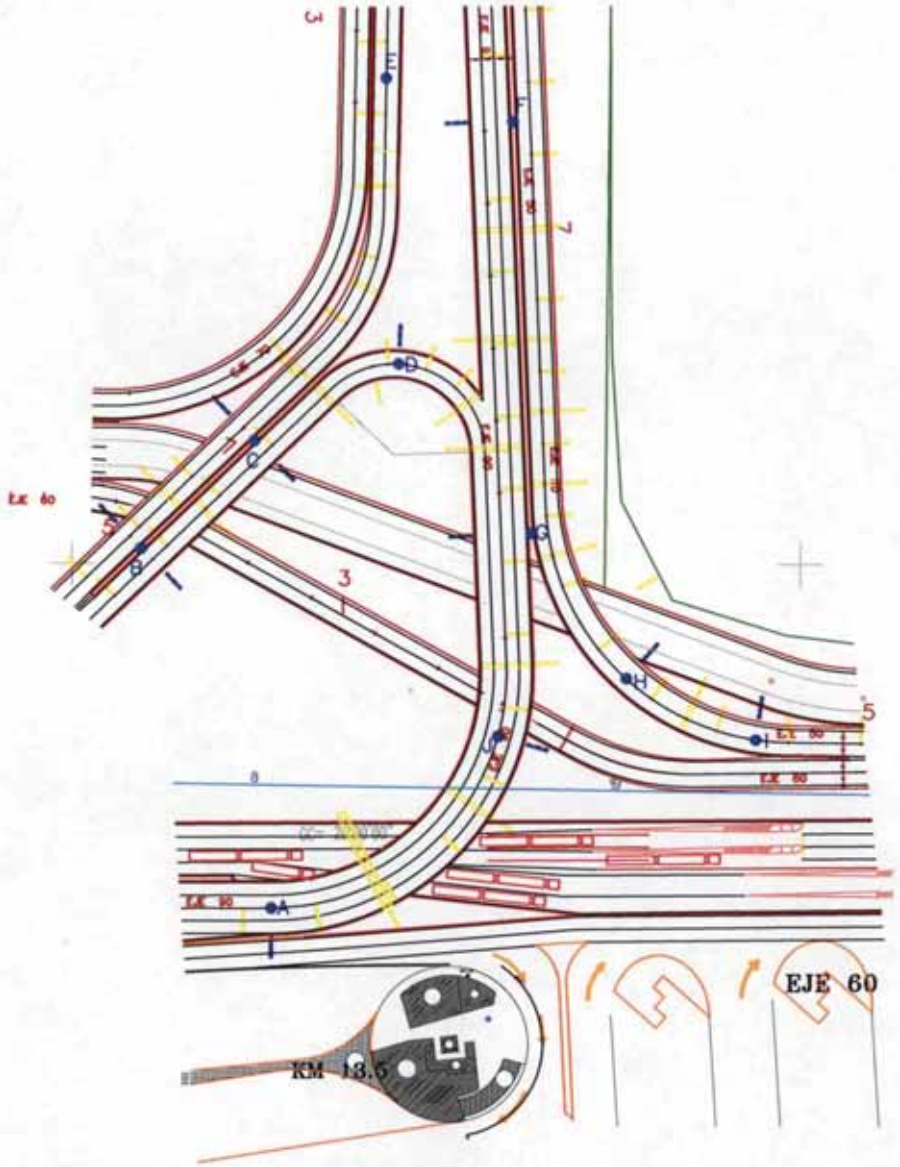
Con las capacidades de carga admisibles proporcionadas, se podrán realizar los diseños de las cimentaciones antes recomendadas, los cuales serán verificados por la supervisión de la construcción.

La supervisión de la obra deberá verificar, niveles de desplante, características de los materiales sobre los que se desplantará la cimentación, calidad de los materiales de construcción, así como los procedimientos constructivos y especificaciones del proyecto se cumplan en todo momento.

Esperando que la información proporcionada sea de utilidad para la ejecución de las ingenierías del proyecto, quedo de usted como su más atento y seguro servidor, para cualquier duda o aclaración.

A T E N T A M E N T E

ING. LUIS JIMENEZ RODRIGUEZ
GERENTE GENERAL
CEDULA PROFESIONAL 1825655



SONDEO	ELEVACION
A	14.318
B	12.703
C	10.324
D	10.999
E	9.444
F	10.215
G	10.657
H	10.466
I	12.601
J	13.435

EEMSSA
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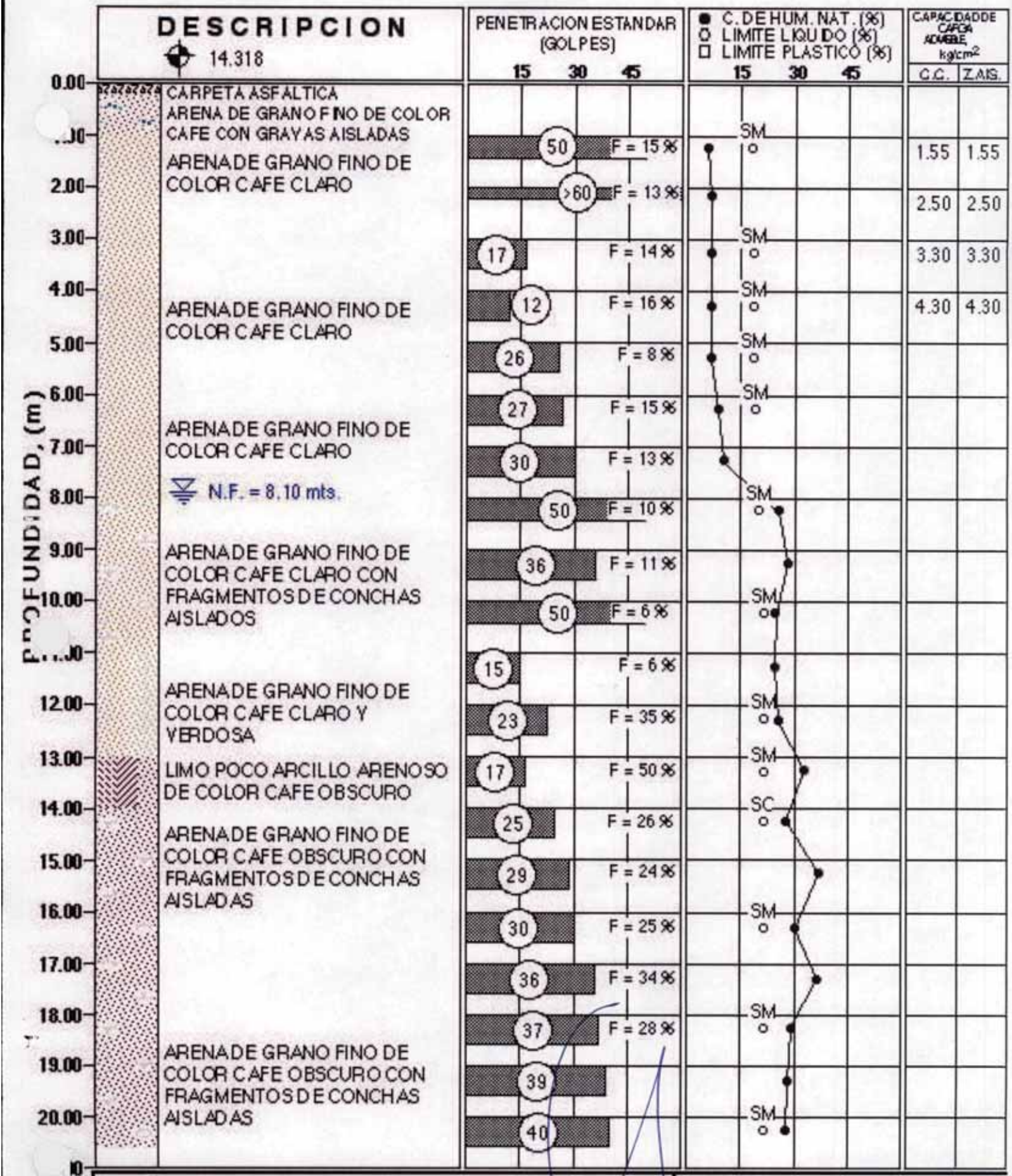
CONSTRUCTORA MOYEDA S.A. DE C.V.

CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ
VERACRUZ, VERACRUZ

PLANO: UBICACION DE SONDEOS DE EXPLORACION

ESCALA: SIN ESCALA

FECHA : DICIEMBRE/2008



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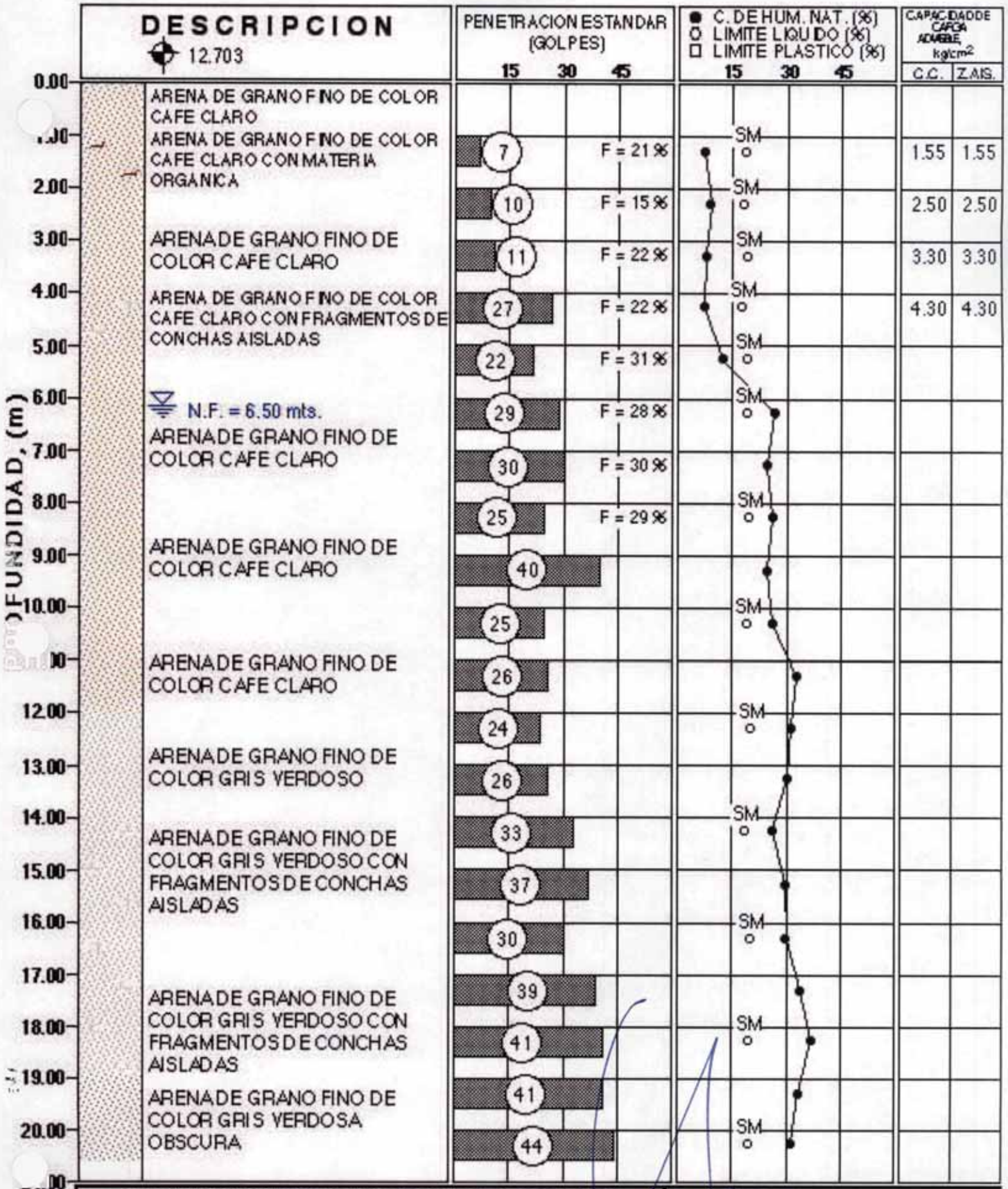
CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº A

FFMSSA



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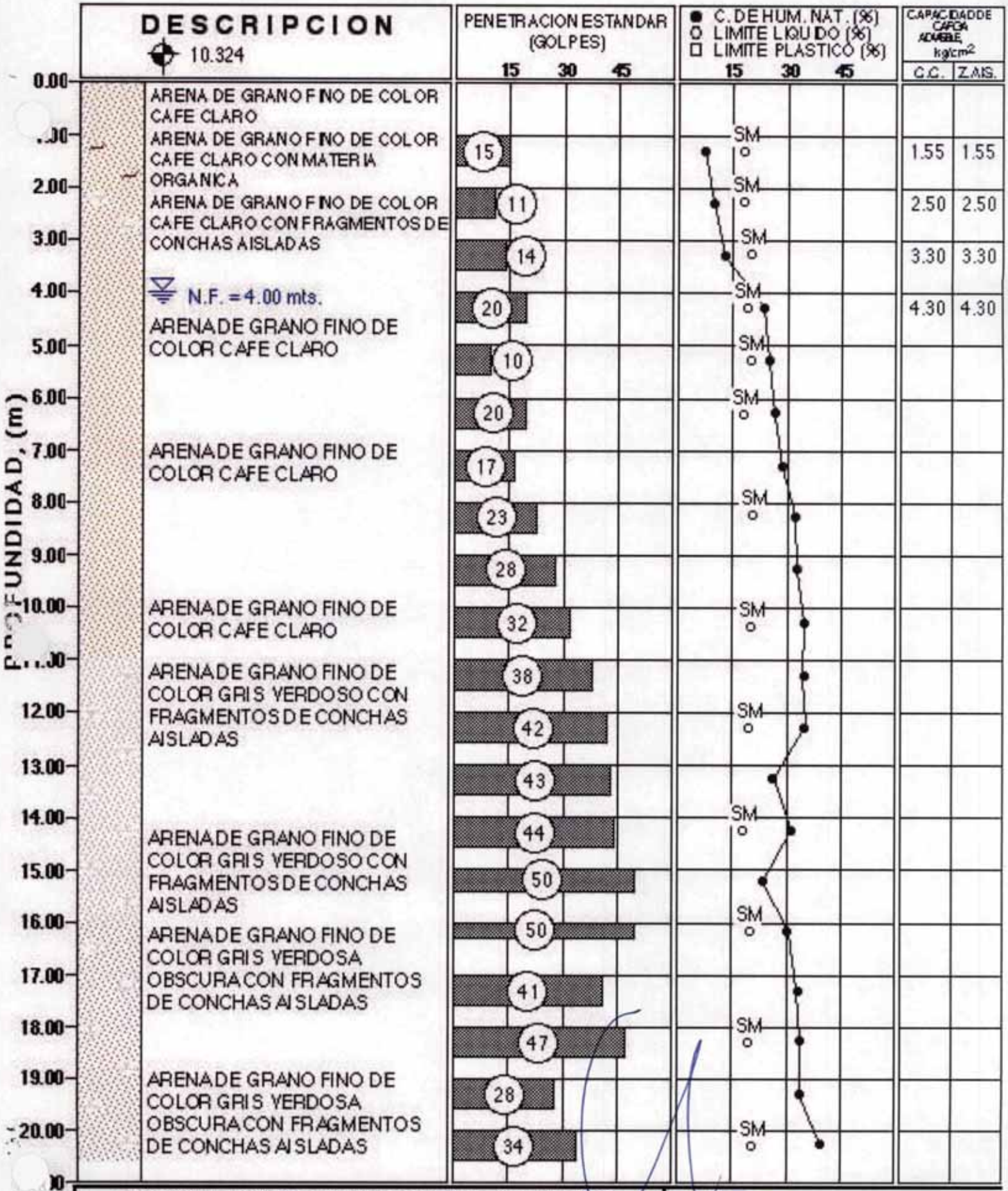
CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº B

FIGURA

FEMSSA



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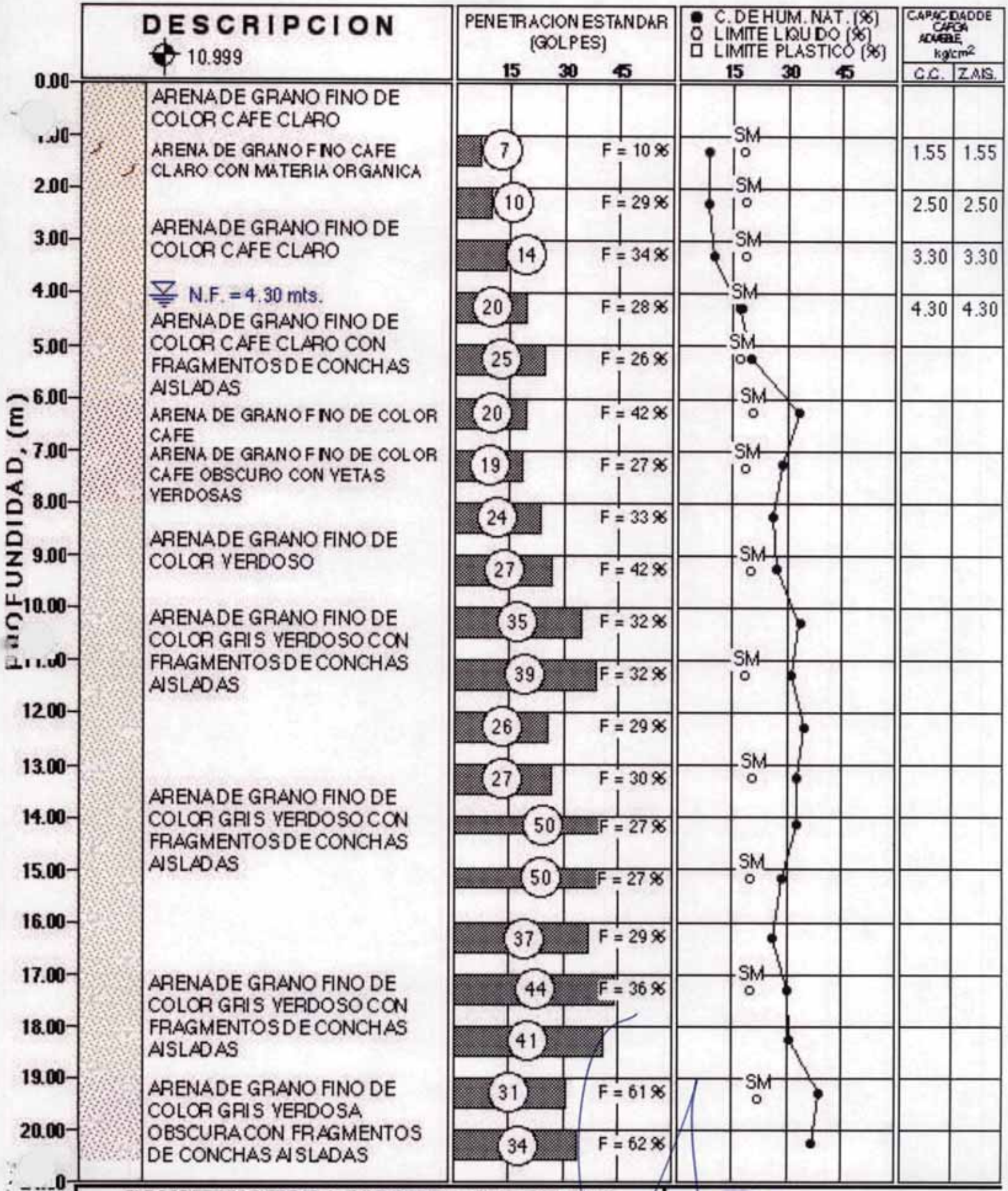
CONSTRUCCION DE COMPLEJO VIAL API VERACRUZ, VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº C

FIGURA NM

FEMSSA



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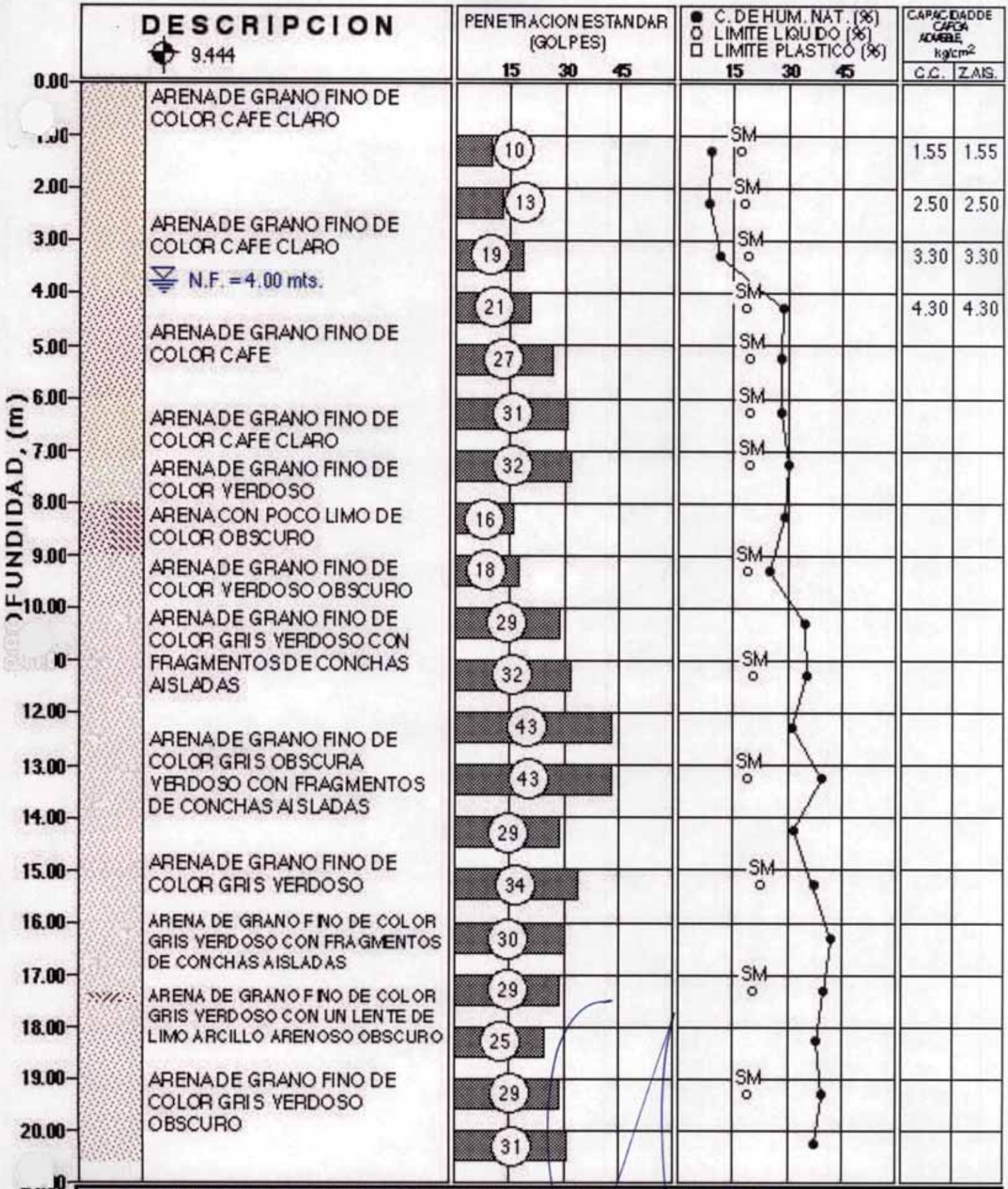
CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº D

FEMSSA



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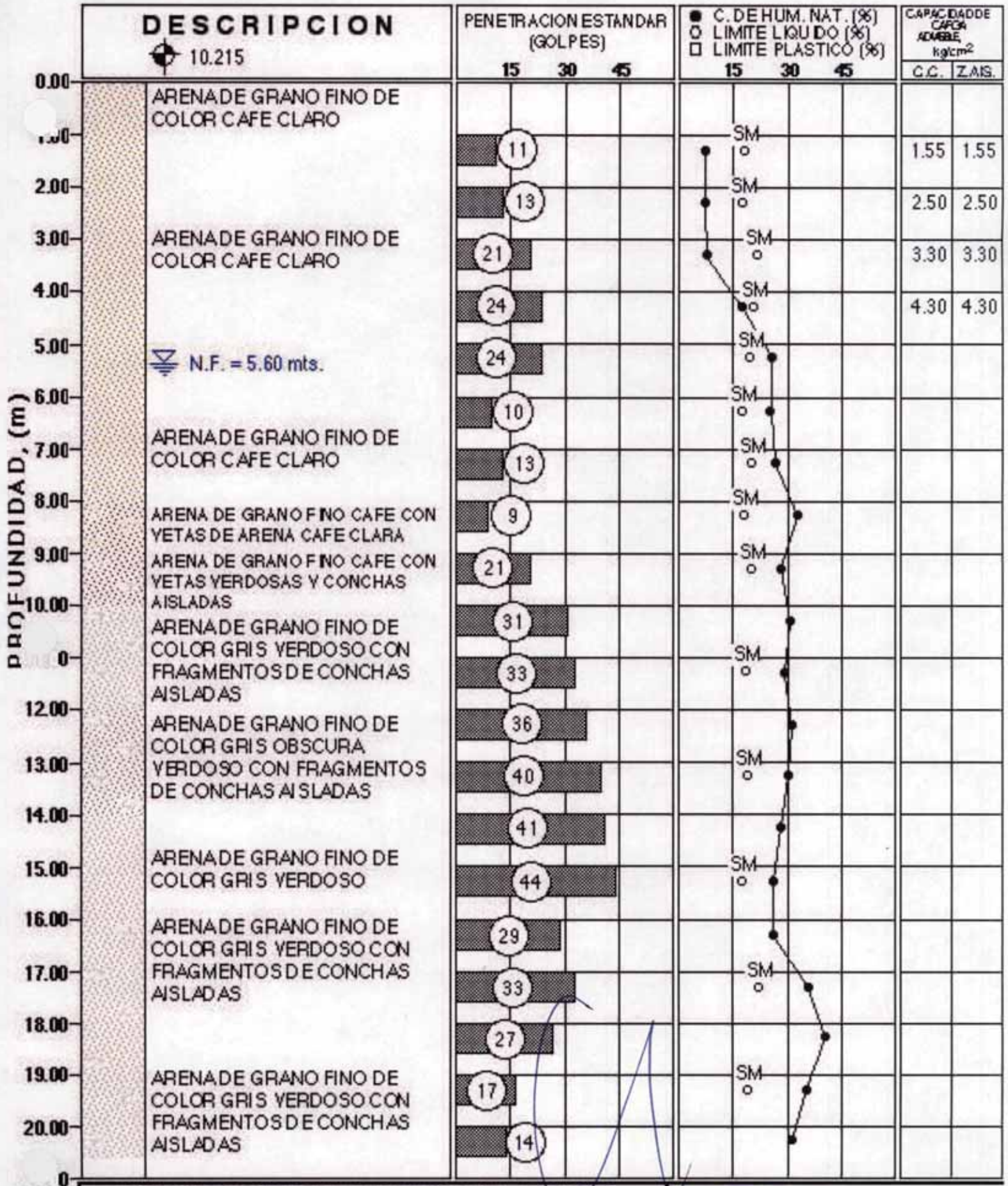
SONDEO Nº E

FEMSSA



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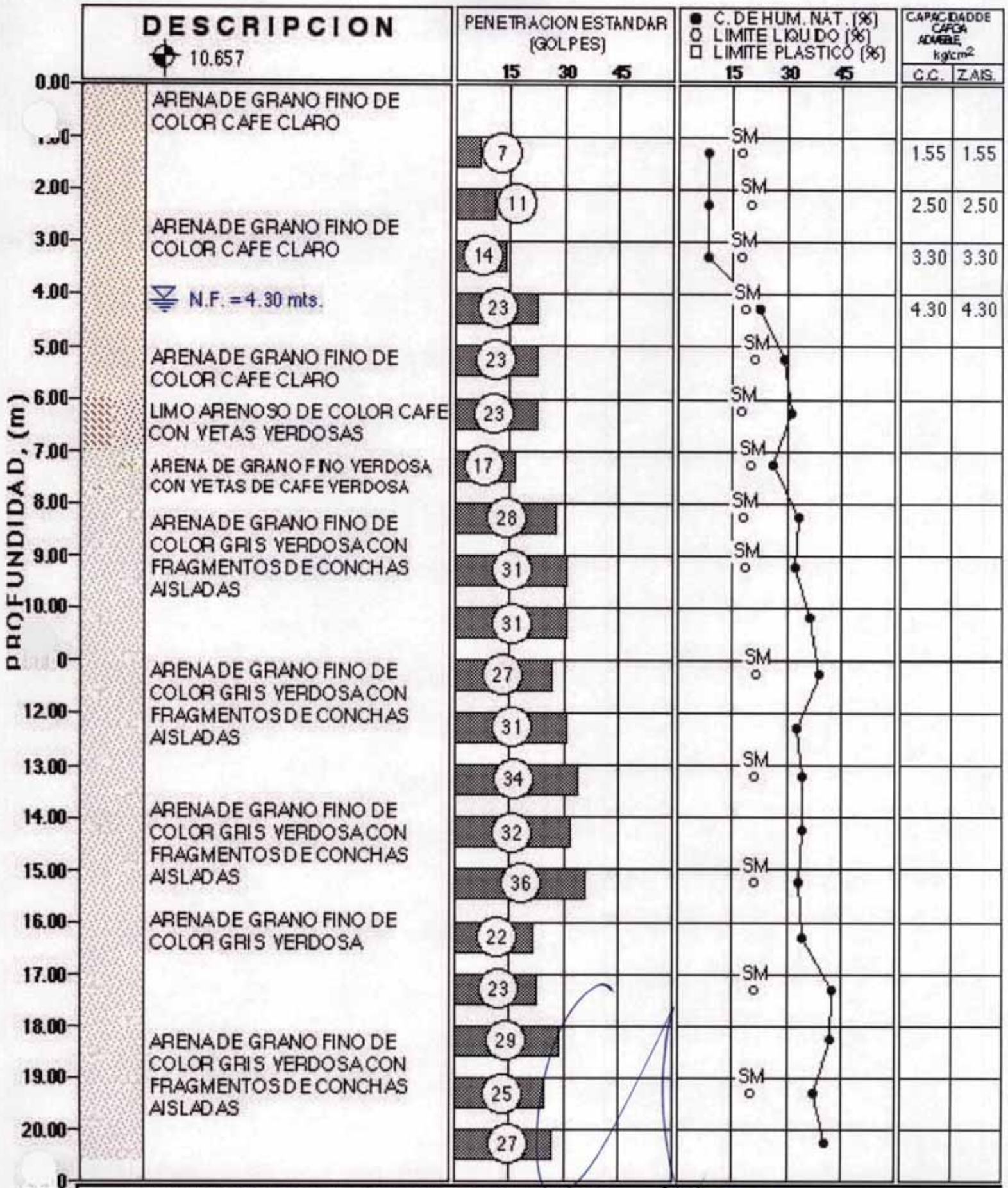
MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº F

FEMSSA



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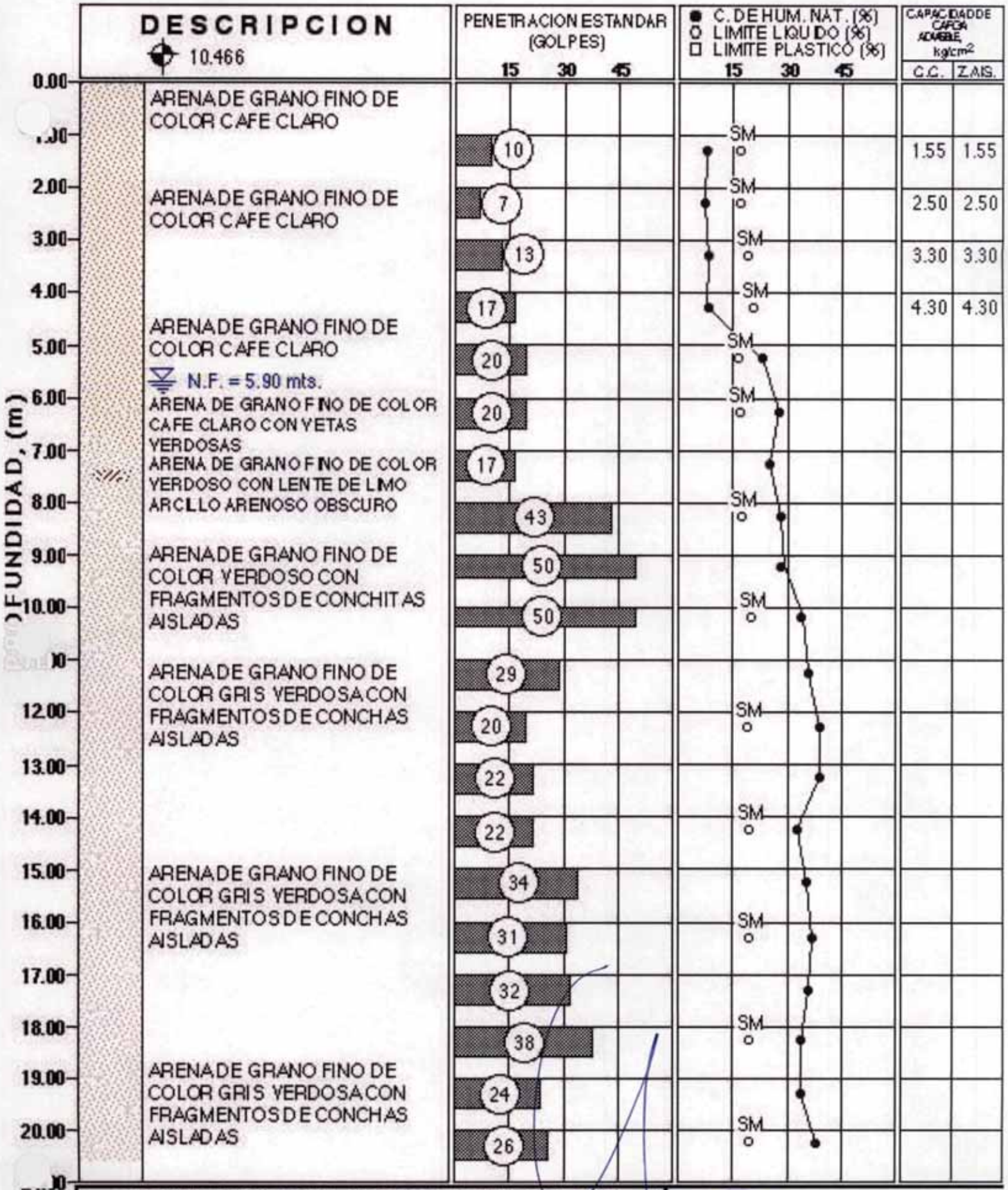
CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008 | SONDEO NºG

FEMSSA



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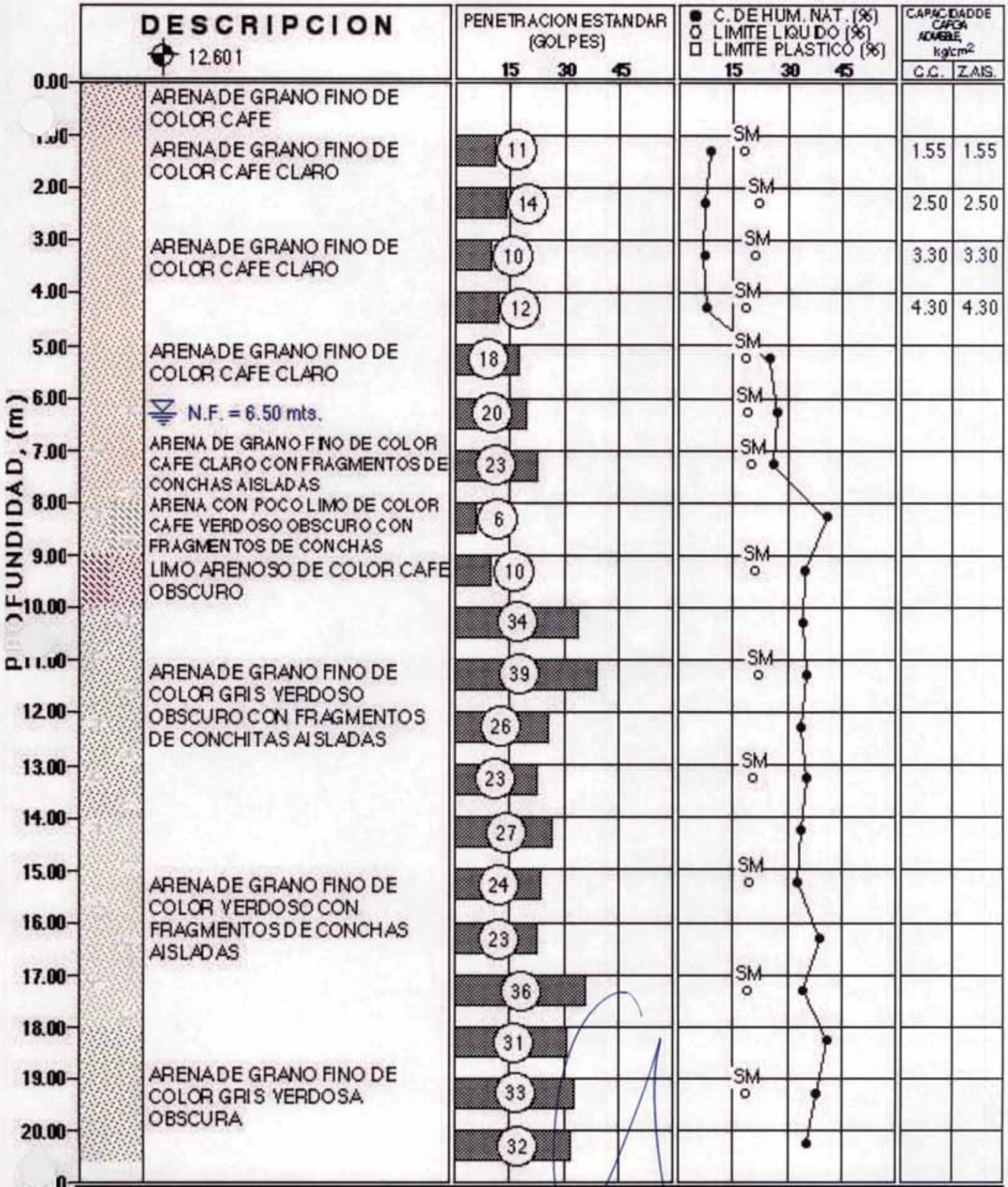
CONSTRUCCION DE COMPLEJO VIAL API VERACRUZ, VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO NºH

FEMSSA



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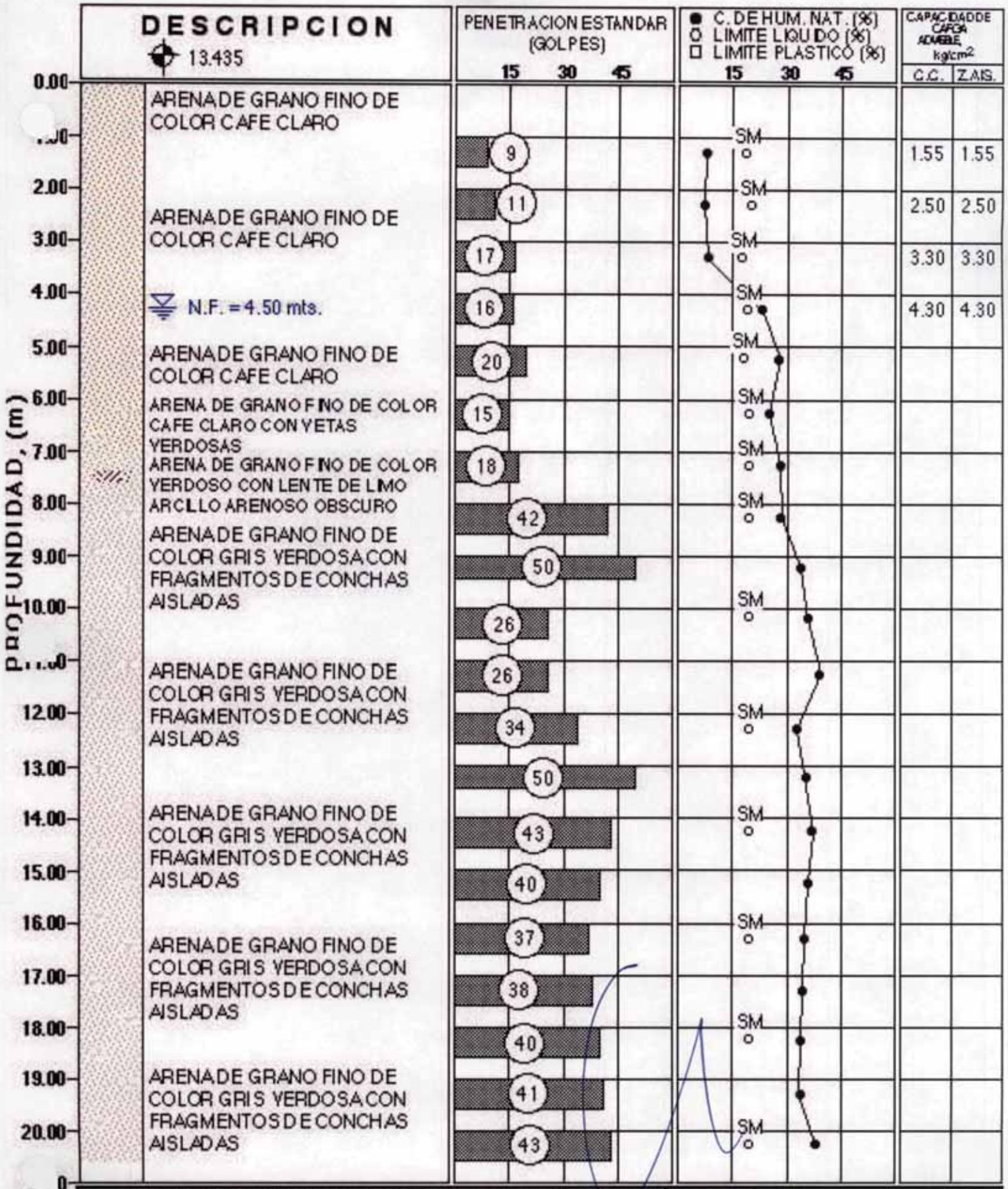
CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº1

FIGURA NM-10

FEMSSA



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CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ,
VERACRUZ, VERACRUZ.

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO Nº J

FIGURA NM-1

FEMSSA

EEMSSA

ZONA SISMICA	TIPO DE SUELO	COEFICIENTE SISMICO " C "
B	I (FIRME)	0.14
	II (INTERMEDIO)	0.30
	III (SUAVE)	0.36

Para Estructuras del Grupo "B"

LONGITUD

REGIONALIZACION SISM DE VERACRUZ, VERACRUZ.

Se presenta la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, en el sondeo "H".

Se presenta el tubo partido de la prueba de penetración estándar, apreciando la muestra recuperada a una profundidad de 7.0 m., la cual se clasificó y trasaldó.

Se presenta la preparación del cárcamo de bombeo para el lodo bentonítico, utilizado como fluido de perforación para estabilización de las paredes de la perforación.

EEMSSA

Se muestra el barril de lodo bentonítico utilizado, para la perforación con la broca drag bit.

Proyecto: " EJECUCION DE SONDEOS DE PENETRACION ESTANDAR CON MAQUINA PERFORADORA ROTATORIA EN EL AREA DE LA FUTURA CONSTRUCCION DEL COMPLEJO VIAL EN INSTALACIONES DEL API VERACRUZ, EN EL PUERTO DE VERACRUZ, VERACRUZ. ".

Se presenta una vista general del área en donde se desarrollará el complejo vial, apreciando las dunas de arena y la vegetación existente.

Se presenta otra vista general del área en estudio, apreciando la vegetación y vialidad al fondo existente.

Otra vista durante los trabajos de exploración, apreciando la vialidad y barandal existente de la misma, así como el acceso generado al punto de exploración.

EEMSSA

Otra vista más de la vegetación típica del área en estudio la cual fue removida en parte para lograr los accesos a los puntos de exploración por parte del API Veracruz.

Se presenta la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "D", apreciando al fondo la vegetación existente en el área del proyecto.

EEMSSA

Otra vista de la ubicación del sondeo "D", apreciando la generación del acceso con maquinaria pesada por parte de API Veracruz.

Una vista más de la ejecución del muestreo alterado, durante la exploración del sondeo "D", apreciando el cárcamo de bombeo del lodo bentonítico.

Se presenta la ubicación del equipo de perforación en el punto donde se ejecutó el sondeo de exploración "I", apreciando la ejecución de una prueba de penetración estándar.

Se presenta el tubo partido de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, con la muestra recuperada a una profundidad de 8.0 m.

Se presenta la extracción de las barrenas de muestreo, despues de ejecutada la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "I".

EEMSSA

Se presenta el tubo partido de la prueba de penetración estándar, apreciando la muestra recuperada, la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis, apreciando la coloración de la arena.

Se presenta una vista de la ubicación del sondeo "I", apreciando el desnivel existente con la vialida en uso, observando el barandal de protección.

Se presenta la introducción de la barras de perforación para la continuación del avance de perforación en el sondeo "I".

Se presenta la extracción de las barras de perforación con la broca utilizada para el avance de la perforación con lodo bentonítico, para la ejecución del muestreo alterado.

EEMSSA

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración " H", observando el acceso generado con maquinaria pesada.

Otra vista de la ubicación del punto en donde se ejecutó la exploración "H", apreciando la estaca de referencia topográfica.

Se presenta la instalación de la barrena espiral sólida, utilizada para la perforación en la parte superficial del sondeo de acuerdo a la Norma ASTM D 1452 en seco.

EEMSSA

Otra vista de la ejecución del avance de la perforación con las barrenas espirales sólidas de acuerdo a la Norma ASTM D 1452, en seco, observando el barandal de la vialidad existente.

Otra vista de la ejecución del muestreo alterado, observando las barrenas espirales colgadas durante dicho muestreo, apreciando parte del área en estudio.

Se observa el tubo partido de la prueba de penetración estándar con la muestra de arena recuperada a la profundidad de 7.0 m., la cual se clasificó y trasladó a nuestro laboratorio.

Se presenta la preparación del cárcamo para el lodeo bentonitico en el sondeo "G".

EEMSSA

Se presenta el inyectado del lodo bentonitico para la estabilización de las paredes de perforación y continuar con la exploarción en el sondeo "G".

Se presenta el avance de la perforación con el sistema de inyección de lodo bentonitico y broca tricónica en el sondeo "G", observando al fondo las dunasde arena presentes.

Otra vista de la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "G".

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada a una profundidad de 8,0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta la introducción de las barras de perforación para la continuación del avance de la perforación con la inyección del lodo bentonitico.

Se presenta la extracción de las barras de perforación para la ejecución del muestreo alterado, mediante la prueba de penetración estándar.

Otra vista más de la extracción de las barrenas de perforación durante la ejecución del sondeo "G", apreciando la arena de color claro removida para el equipo de perforación.

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada en el muestreo alterado,a una profudnidad de 18.0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

Se presenta el tubo partido de la prueba de penetración estándar, con la ultima muestra recuperada a 20.0 m. en el sondeo "G", observando la coloración obscura de la arena.

EEMSSA

Se presenta la inyección del lodo bentonitico para la estabilización de las paredes de la perforación en el sondeo "H".

Se presenta la ejecución de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "H".

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada en el muestreo alterado,a una profundidad de 9.0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada, a una profundidad de 12.0 m. observando la coloración de la arena.

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración "J", apreciando las dunas de arena existentes en el área de exploración.

Se presenta el acceso generado hasta el punto de exploración del sondeo "J", apreciando el denivel con la vialidad existente, y la vegetación.

Otra vista más de la ubicación del sondeo de exploración "J", apreciando el barandal de la vialidad existente.

EEMSSA

Se presenta el equipo de perforación Central Mine Equipment CME-55 en el punto en donde se ubicó el sondeo "J", apreciando al fondo la vegetación tipica del área en estudio.

Se presenta el avance de la perforación con las barrenas espirales sólidas de 4.25" de diámetro externo de acuerdo a la Norma ASTM D 1452 en el sondeo "J".

Se presenta la ejecución del muestreo alterado mediante la prueba de penetración estándar de acuerdo a la ASTM D 1586 en el sondeo "J", observando las barrenas colgadas.

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada en el muestreo alterado, la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta el avance de la perforación en el sondeo "J" utilizando lodo bentonitico.

Otra vista más de la ejecución del avance de la perforación con el uso de lodo bentonítico en el sondeo "J".

Se presenta la ejecución de una prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, la cual se realizo a cada metro de profundidad durante la exploración.

Se presenta el martinete de la prueba de penetración estándar, durante la ejecución del muestreo alterado en el sondeo "J", observando al fondo la vegetación típica del área en estudio.

EEMSSA

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada una profundidad de 11.0 m., dicha muestra se clasificó en campo y se trasladó a nuestro laboratorio.

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra de arena recuperada a una profundidad de 16.0 m.

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada, a la máxima profundidad de exploración 20.0 m, apreciando la coloración de la arena detectada.

EEMSSA

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración "G", apreciando las dunas de arena y vegetación existente.

Se muestra el avance de la perforación con las barrenas espirales sólidas de 4.25" de diámetro externo de acuerdo a la Norma ASTM D 1452 en el sondeo " G".

Se presenta la ejecución de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "G", apreciando las barrenas espirales colgadas durante dicha prueba.

EEMSSA

Otra vista de la ejecución de la prueba de penetración estándar la cual se realizó a cada mestro de profundidad, durante la exploración realizada.

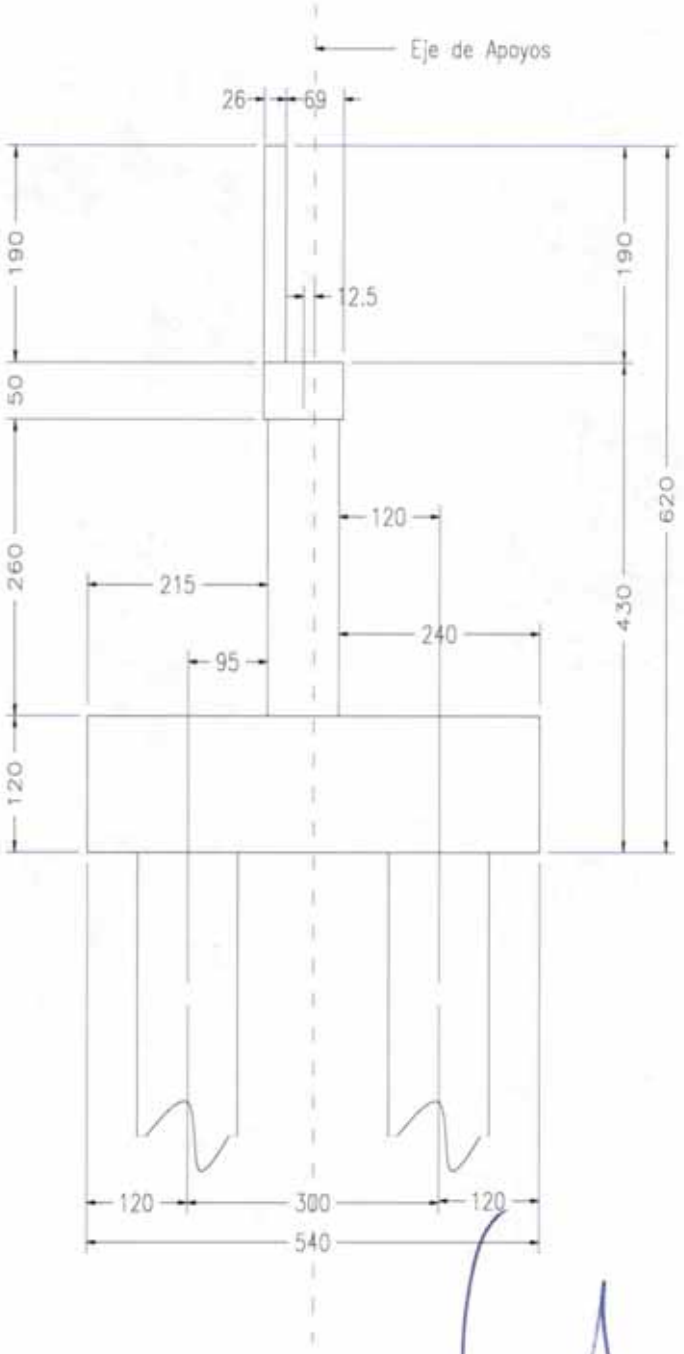
DISEÑO DE ESTRIBO

EJE 50

DISTRIBUIDOR JT

1. Geometría del estribo

Se propone el siguiente estribo, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre el estribo

2.1 Cargas muertas

La carga muerta proveniente de la superestructura por viga es igual a:

P_{DL} = 184.4 Ton

2.2 Cargas Vivas

La carga viva producida por un camión del tipo T3S2R4 es igual a:

$V_{T3S2R4\text{-}28m}$= 48.5 Ton

Para 2 bandas de circulación:

LL = 2bandas × 48.5 = 97 Ton

$M_{LLTRANS}$ = 97 × 1.05 = 102 Ton-m

Estas cargas se deberán de aumentar en un 23% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 97 Ton × 0.05 = 4.9 Ton

Esta fuerza se aplica a una altura igual a 3.74 m por encima del nivel de la corona.

2.4 Fuerzas Centrífugas

De acuerdo al inciso 3.10 del reglamento del AASHTO, se deberá aplicar radialmente un porcentaje de la carga viva a una altura de 1.8 m por encima de la rasante:

$C = \frac{6.68 \times S^2}{R}$; donde:

S = Velocidad en mph = 60 kmh = 37.5 mph

R = Radio de la curva = 67.91 m = 222.8 ft

Substituyendo se obtiene que:

$C = \frac{6.68 \times 37.5^2}{222.8} = 42.2\ \%$

Por lo que la fuerza centrífuga es igual a:

CF = 0.442 × 97 Ton = 40.9 Ton

Esta fuerza se aplica a una altura igual a 3.74 m por encima del nivel de la corona.

2.5 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 14 × 2.55 = 12.9 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 14 × 2.55 = 3.1 Ton

Esta fuerza se aplica a una altura igual a 1.63 m por encima del nivel de la corona.

2.6 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar el viento actuando en la carga viva:

$$W\ transversal = 100\ lb/ft \times \left(\frac{194}{160}\right)^2 = 147\ lb/ft$$

$$W\ longitudinal = 40\ lb/ft \times \left(\frac{194}{160}\right)^2 = 59\ lb/ft$$

Por el viento transversal:

$$Ptrans = 0.22\ Ton/m \times 14\ m = 3.1\ Ton$$

Por el viento longitudinal:

$$Plong = 0.09\ Ton/m \times 14\ m = 1.3\ Ton$$

Esta fuerza se aplica a una altura igual a 3.74 m por encima del nivel de la corona.

2.7 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y período de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S\ trans = S\ long = 1.5 \times 0.30 \times \left(\frac{184.4}{4} + \frac{40.6}{2} \right) = 29.9\ Ton$$

Esta fuerza se aplica a una altura igual a 0.98 m por encima del nivel de la corona.

2.8 Empuje de Tierras

De acuerdo al inciso 7.5.2.1 del reglamento del AASHTO, se debe despreciar el empuje de tierras ejercido por material de relleno enfrente del estribo.

El empuje de tierras se puede estimar de acuerdo a la siguiente expresión:

$$\sigma h = Ka \times \sigma v$$

donde :

$$Ka = \frac{1-\sin\phi}{1+\sin\phi} = 0.33$$

$$\sigma v = \gamma \times h = 1800h$$

Substituyendo se obtiene que:

$$\sigma h = 0.33 \times 1800 \times h = 600h \text{ (kg/m2)}$$

2.9 Empuje sísmico de tierras

El empuje sísmico de tierras se puede estimar a partir de las relaciones propuestas por Mononobe - Okabe:

$$A = \frac{1.5 \times 0.30 \times 2}{4} = 0.22$$

$$Kh = \frac{A}{2} = 0.11$$

$\theta = \tan^{-1}(K_h) = 6.3°$

$\phi = 30°$

$\delta = 17°$

$\beta = i = 0$

$$\psi = \left(1 + \sqrt{\frac{\sin(\phi+\delta)\sin(\phi-\theta-i)}{\cos(\delta+\beta+\theta)\cos(i-\beta)}}\right)^2 = 2.55$$

$$Kae = \frac{\cos^2(\phi-\theta-\beta)}{\psi \cdot \cos\theta \cdot \cos^2\beta \cdot \cos(\delta+\beta+\theta)} = 0.37$$

Por lo que el empuje sísmico de tierras se puede expresar como:

$\sigma h = \gamma \times h \times Kae = 1800 \times h \times 0.37 = 666h$ kg/m2

2.10 Combinaciones de carga

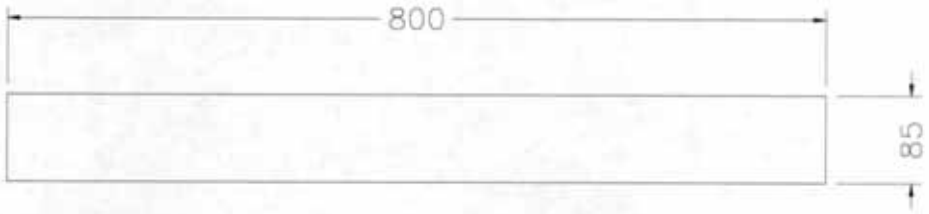
Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	$1.3 (D + 1.3 E + 1.67 L + CF)$
AASHTO II	$1.3 (D + 1.3 E + W)$
AASHTO III	$1.3 (D+L+1.3CF+1.3E +0.3W +W_{LL}+ LF)$
AASHTO VII-a	$1.3 (D + 1.3 E + EQ_{TR} + 0.30EQ_{LON})$
AASHTO VII-b	$1.3 (D + 1.3 E + 0.30EQ_{TR} + EQ_{LON})$
AASHTO VII-c	$1.3 (0.75D + 1.3E +EQ_{TR} + 0.30EQ_{LON})$
AASHTO VII-d	$1.3 (0.75D + 1.3E+ 0.30EQ_{TR} + EQ_{LON})$

3. Diseño del cuerpo del estribo

3.1 Sección propuesta

Se propone utilizar la siguiente sección transversal en el estribo:



3.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga por metro de ancho de estribo se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Mu (Ton-m)*	*Vu (Ton-m)*
AASHTO I	72.32	36.52	15.72
AASHTO II	39.94	34.86	16.22
AASHTO III	59.33	42.51	16.88
AASHTO VII-A	39.94	43.18	18.90
AASHTO VII-B	39.94	57.05	22.30
AASHTO VII-C	29.96	42.24	18.90
AASHTO VII-D	29.96	56.12	22.30

3.3 Diseño a flexión

El máximo momento es igual a 57.1 Ton-m; por lo que el acero requerido se puede obtener de las siguientes expresiones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2}\right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 57.1 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 85 - 7 - 1.27 = 76.73 cm
b = 100 cm

Se obtiene que:

As req = 20.21 cm2 y a = 4.0 cm

El área de acero mínima es igual a:
As min = 16.1 cm2

El área de acero máxima es igual a:
As max = 0.019 × b × d = 145.8 cm2

∴ Utilizar varillas del No. 8 @ 20 cm

3.4 Revisión a cortante

El máximo cortante corresponde a la combinación de carga AASHTO-VII-B, y tiene un valor de 22.3 Ton por metro de ancho de estribo.

La resistencia a cortante del concreto es igual a:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 100 \times 76.73 = 54.7 \text{ Ton} > Vu$$

$\therefore$ El muro es adecuado a cortante.

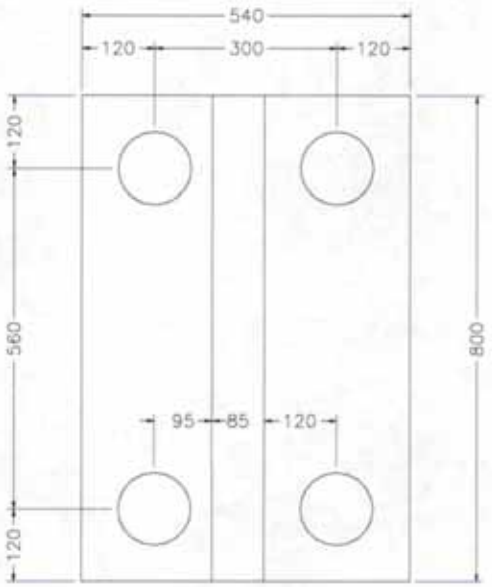
4. Diseño de cimentación

4.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar cimentación por pilas de 1.20m de diámetro, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 368 Ton/pila.

4.2 Dimensiones de la zapata

Se propone utilizar una zapata con 4 pilas de cimentación tal y como se muestra en el siguiente diagrama:



4.3 Cargas

Las cargas que se utilizarán son las correspondientes del punto No. 2, transportadas al nivel de desplante.

4.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	*Pvertical (Ton)*	*Flongitudinal (Ton-m)*	*Ftransversal (Ton-m)*	*Mlongitudinal (Ton-m)*	*MTransversal (Ton-m)*	*%*
AASHTO I	647.57	110.11	40.90	26.03	430.84	100
AASHTO II	550.57	113.21	12.90	44.41	76.50	125
AASHTO III	647.57	117.24	47.87	81.39	478.71	125
AASHTO VII-A	550.57	131.19	29.90	114.69	157.87	133
AASHTO VII-B	550.57	152.12	8.97	225.20	47.36	133

La siguiente tabla muestra las diferentes combinaciones de cargas últimas:

Combinación	*Pvertical (Ton)*	*Flongitudinal (Ton-m)*	*Ftransversal (Ton-m)*	*Mlongitudinal (Ton-m)*	*MTransversal (Ton-m)*
AASHTO I	976.87	186.09	53.17	129.78	702.07
AASHTO II	715.74	190.12	16.77	153.68	99.45
AASHTO III	872.11	195.36	62.23	201.76	654.15
AASHTO VII-A	715.74	218.22	38.87	261.16	205.23
AASHTO VII-B	715.74	245.43	11.66	404.82	61.57

4.5 Revisión de esfuerzos en el terreno

Se realizó un análisis de elemento finito, a fin de determinar las fuerzas máximas y mínimas sobre los pilotes.

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***	***Carga Admisible (Ton)***
AASHTO I	259.8	26.0	339.29
AASHTO II	205.6	0.3	424.12
AASHTO III	272.3	27.2	424.12
AASHTO VII-A	226.5	11.4	451.26
AASHTO VII-B	230.7	15.6	451.26

De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***
AASHTO I	405.7	40.6
AASHTO II	290.4	10.5
AASHTO III	387.3	26.2
AASHTO VII-A	321.6	1.1
AASHTO VII-B	331.1	10.6

4.6 Revisión al volteo

La pila deberá tener un factor de seguridad al volteo mayor o igual a 2.0 Este factor de seguridad se puede evaluar a partir de la siguiente expresión:

$$Fsvolteo = \frac{\sum Mresistentes}{\sum Mvolteo} \quad > \quad 2.0$$

Para cada combinación de carga se obtiene un factor de seguridad, los cuáles se presentan en la siguiente tabla:

Combinación	*M Resistentes (Ton-m)*	*M volteo (Ton-m)*	*FS*
AASHTO I	1,579.89	246.02	6.42
AASHTO II	1,376.19	264.40	5.20
AASHTO III	1,579.89	301.38	5.24
AASHTO VII-A	1,376.19	334.68	4.11
AASHTO VII-B	1,376.19	445.19	3.09

De esta tabla podemos observar que el factor de seguridad al volteo es mayor que 2.0 en todos los casos, por lo que el factor de seguridad es adecuado.

4.7 Revisión a fuerzas laterales

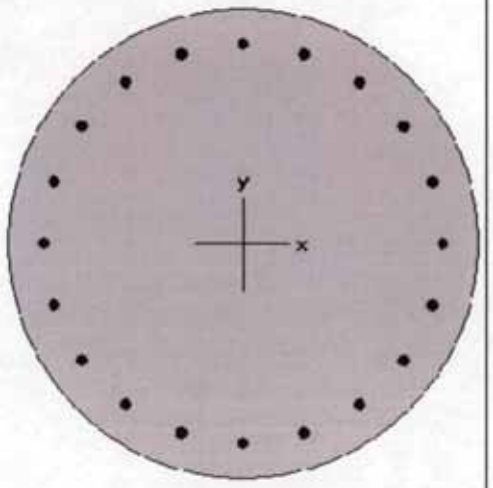
Se realizó un análisis de elemento finito, en el cual se modeló el suelo como resortes no lineales cada resorte con una gráfica del tipo p-y; de este análisis se obtuvieron los desplazamientos en la parte superior del pilote, y se comparó con el máximo recomendado de 38 mm.

Combinación	*Desplazamiento (mm)*
AASHTO I	15.72
AASHTO II	14.98
AASHTO III	17.56
AASHTO VII-A	18.25
AASHTO VII-B	21.89

Asimismo, para que el pilote sea adecuado debe soportar un momento último de 150.8 Ton-m

Se propone el siguiente pilote, de 120 cms de diámetro con concreto de f'c=250 kg/cm2, y reforzado con 20varillas del No. 10.

Del diagrama de interacción del pilote, se observa que el acero es adecuado.



47.2 inch diam.
1.45% reinf.

Reinforcement

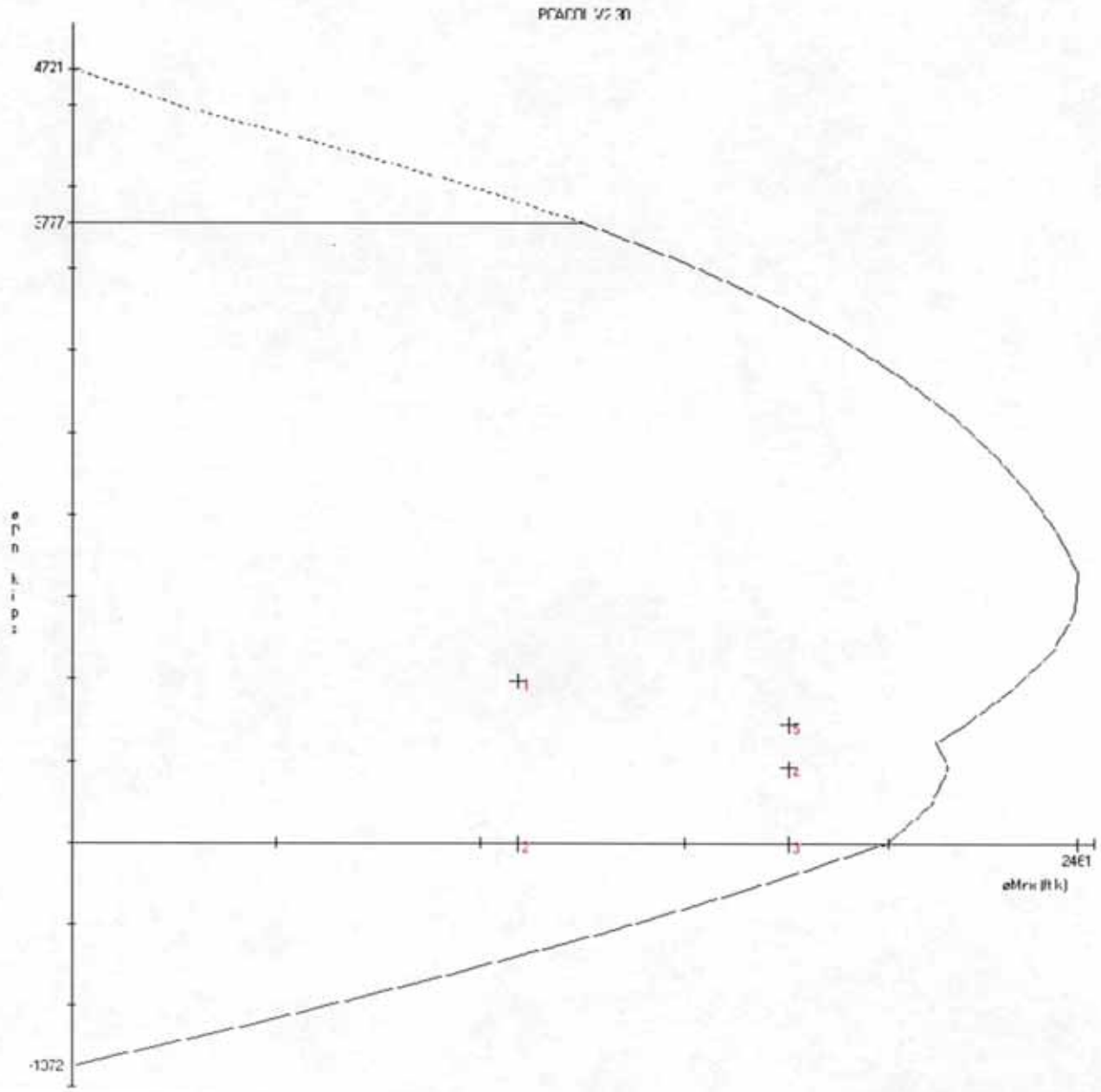
Confinement: Tied

$A_s = 25.40\ in^2$

20 #11 @ 1.45%

Clear Cover = 3.00 in

Spacing = 4.98 in



4.8 Diseño estructural de la zapata

4.8.1 Diseño a flexión de la zapata

El momento último en la zapata se puede estimar como:

Mu = 405.7 Ton × 2 pilotes × 1.20 m = 973.7 Ton-m

Este momento se distribuye en un ancho igual a 8 m, por lo que el momento por metro de ancho es igual a:

Mu = 973.7 / 8 = 121.7 Ton-m

El requerimiento de acero esta dado por la siguiente expresión:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2}\right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 121.7 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 120 - 7 - 2 = 111 cm
b = 100 cm

Se obtiene que:

As req = 29.8 cm2 y a = 5.9 cm

El área de acero mínima es igual a:

As min = 22 cm2/m

El área de acero máxima es igual a:

As max = $0.019 \times b \times d = 210.9$ cm2/m

$\therefore$ Colocar varillas del No.8 @ 15 cm

4.8.2 Diseño por corte.

El cortante último, se puede estimar como:

Vu = 405.7 Ton $\times$ 2 pilotes = 811.4

La resistencia al cortante esta dada por:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 800 \times 111 = 633$ Ton

El requerimiento de acero es igual a:

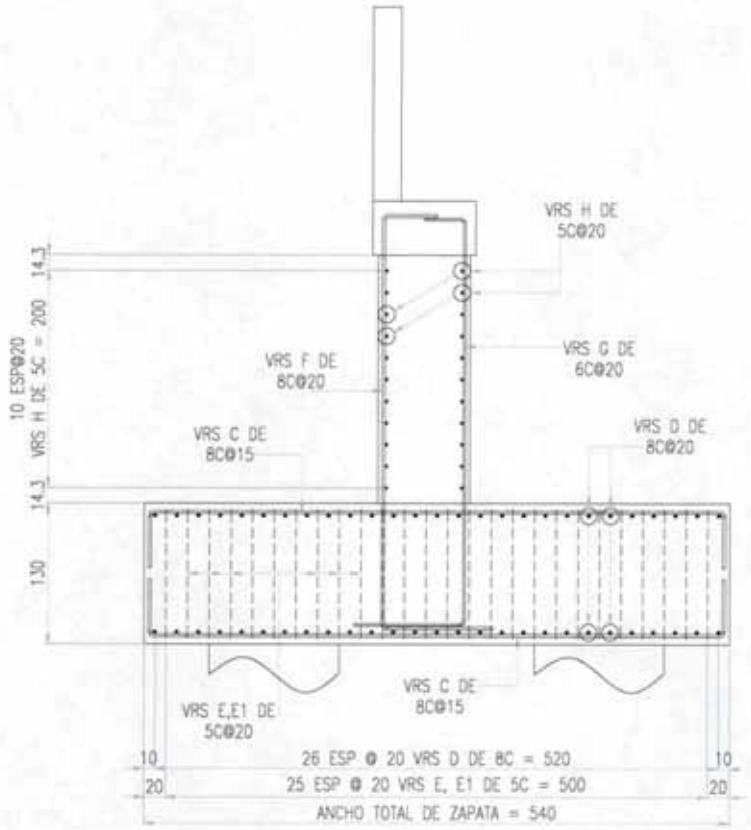
$$Vs = \frac{Vu - \phi Vc}{\phi} = 210 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

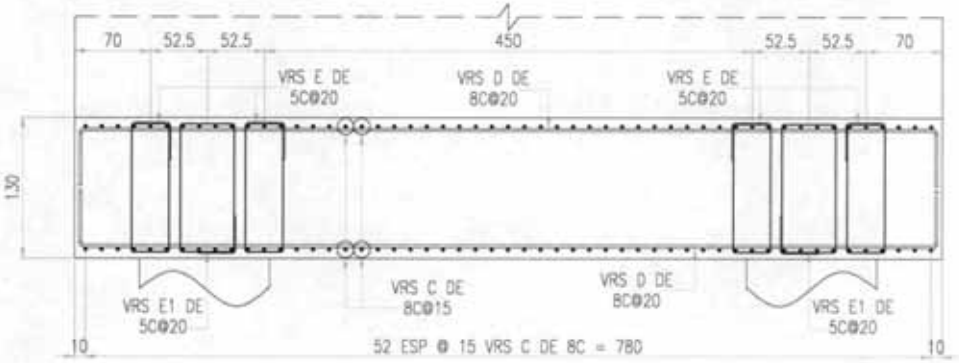
El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{210}{4.2 \times 111} = 0.45 \text{ cm2/cm}$$

$\therefore$ Colocar 0.45 cm2/cm de acero de refuerzo por cortante

5. Croquis del estribo





ESTRIBO-EJE50

PROJECT SUMMARY

INPUT PROPERTIES	Count
Universal Restraints	None
Materials	1
Sections	2
User Coordinate System	None
Spring Curves	None
Isolator Property	None
Creep Definitions	None

INPUT GEOMETRY	Count
Joints	516
Members	89
Plates	432
Springs	126
Isolators - Bearings	None
Mass Elements	None
Solid - Wedges	None
Tendons	None

LOAD CASES	Count
Load Cases	11
Combination Cases	12
Construction Stages	None
Linked Databases	None

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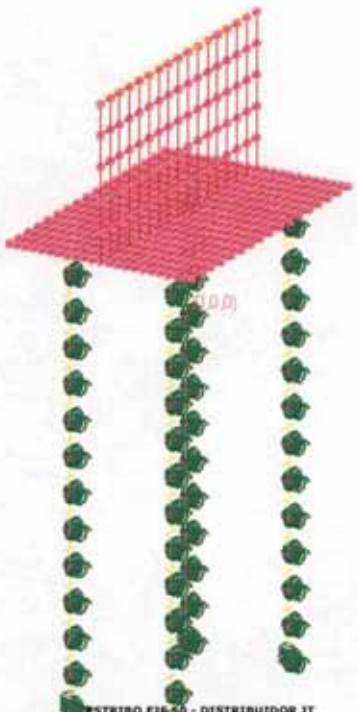
INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 6	- RESULT : Joint Displacements	Page 72
- INPUT : Sections	Page 6	- RESULT : Reactions	Page 75
- INPUT : Section Stress Points	Page 6	- RESULT : Member End Forces (Local)	Page 76
- INPUT : Section Dimensions	Page 6		
- INPUT : Joints	Page 6		
- INPUT : Members	Page 22		
- INPUT : Member End Offsets	Page 24		
- INPUT : Springs	Page 28		
- INPUT : Plates	Page 30		
- INPUT : More Material Properties	Page 42		
- Load Cases	Page 43		

Graphics View 1

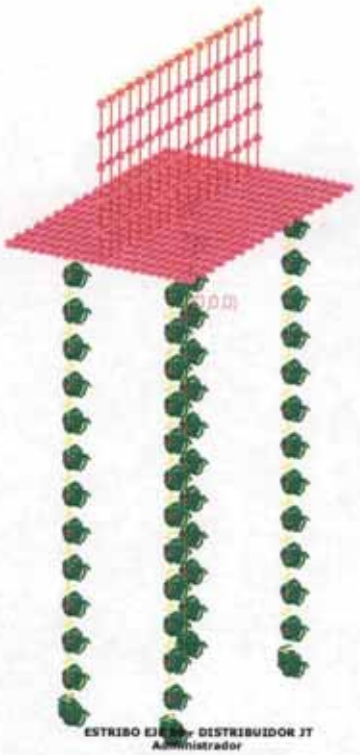
Zoom 1.250X



LARSA 4D

Graphics: New View

Zoom 1.250X



INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
FC=250KG/CM2	2,387,519.01	0.1900	1,011,860.57	2.4000	3.055556	Yes

INPUT : Sections

Name	Section Area (m²)	Shear Area in yy (m²)	Shear Area in zz (m²)	Torsion Constant (m^4)	Inertia Iyy (m^4)	Inertia Izz (m^4)	Plastic Modulus Zyy (m³)	Plastic Modulus Zzz (m³)	Perimeter (m)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
CABEZAL	0.9690	0.8240	0.3858	0.0607	0.3072	0.0389	0.0000	0.0000	6.7000	(NONE)	50.	0.	Yes
PILOTE	1.1310	1.0179	1.0179	0.2036	0.1018	0.1018	0.0000	0.0000	3.7699	(NONE)	50.	0.	Yes

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
CABEZAL	0.8618	0.4750	0.8618	-0.4750	-1.5382	-0.1300	-1.5382	0.1300	(none)	(none)	(none)	(none)
PILOTE	0.0000	0.6000	0.6000	0.0000	0.0000	-0.6000	-0.6000	0.0000	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
CABEZAL	T Shape	2.4000	0.9500	0.2600	0.5000		
PILOTE	Circle	1.2000					

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1	0.0000	0.4500	0.0000	all free	all free	Global	Yes
2	9.0000	4.8500	0.0000	all free	all free	Global	Yes
3	0.0000	4.8500	0.0000	all free	all free	Global	Yes
4	8.0000	0.4500	0.0000	all free	all free	Global	Yes
5	0.5000	0.4500	0.0000	all free	all free	Global	Yes
6	1.0000	0.4500	0.0000	all free	all free	Global	Yes
7	1.5000	0.4500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
8	2.0000	0.4000	0.0000	all free	all free	Global	Yes
9	2.5000	0.4000	0.0000	all free	all free	Global	Yes
10	3.0000	0.4000	0.0000	all free	all free	Global	Yes
11	3.5000	0.4000	0.0000	all free	all free	Global	Yes
12	4.0000	0.4000	0.0000	all free	all free	Global	Yes
13	4.5000	0.4000	0.0000	all free	all free	Global	Yes
14	5.0000	0.4000	0.0000	all free	all free	Global	Yes
15	5.5000	0.4000	0.0000	all free	all free	Global	Yes
16	6.0000	0.4000	0.0000	all free	all free	Global	Yes
17	6.5000	0.4000	0.0000	all free	all free	Global	Yes
18	7.0000	0.4000	0.0000	all free	all free	Global	Yes
19	7.5000	0.4000	0.0000	all free	all free	Global	Yes
20	0.0000	0.7000	0.0000	all free	all free	Global	Yes
21	0.5000	0.7000	0.0000	all free	all free	Global	Yes
22	1.0000	0.7000	0.0000	all free	all free	Global	Yes
23	1.5000	0.7000	0.0000	all free	all free	Global	Yes
24	2.0000	0.7000	0.0000	all free	all free	Global	Yes
25	2.5000	0.7000	0.0000	all free	all free	Global	Yes
26	3.0000	0.7000	0.0000	all free	all free	Global	Yes
27	3.5000	0.7000	0.0000	all free	all free	Global	Yes
28	4.0000	0.7000	0.0000	all free	all free	Global	Yes
29	4.5000	0.7000	0.0000	all free	all free	Global	Yes
30	5.0000	0.7000	0.0000	all free	all free	Global	Yes
31	5.5000	0.7000	0.0000	all free	all free	Global	Yes
32	6.0000	0.7000	0.0000	all free	all free	Global	Yes
33	6.5000	0.7000	0.0000	all free	all free	Global	Yes
34	7.0000	0.7000	0.0000	all free	all free	Global	Yes
35	7.5000	0.7000	0.0000	all free	all free	Global	Yes
36	8.0000	0.7000	0.0000	all free	all free	Global	Yes
37	0.0000	0.9500	0.0000	all free	all free	Global	Yes
38	0.5000	0.9500	0.0000	all free	all free	Global	Yes
39	1.0000	0.9500	0.0000	all free	all free	Global	Yes
40	1.5000	0.9500	0.0000	all free	all free	Global	Yes
41	2.0000	0.9500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
42	2.5000	0.9500	0.0000	all free	all free	Global	Yes
43	3.0000	0.9500	0.0000	all free	all free	Global	Yes
44	3.5000	0.9500	0.0000	all free	all free	Global	Yes
45	4.0000	0.9500	0.0000	all free	all free	Global	Yes
46	4.5000	0.9500	0.0000	all free	all free	Global	Yes
47	5.0000	0.9500	0.0000	all free	all free	Global	Yes
48	5.5000	0.9500	0.0000	all free	all free	Global	Yes
49	6.0000	0.9500	0.0000	all free	all free	Global	Yes
50	6.5000	0.9500	0.0000	all free	all free	Global	Yes
51	7.0000	0.9500	0.0000	all free	all free	Global	Yes
52	7.5000	0.9500	0.0000	all free	all free	Global	Yes
53	8.0000	0.9500	0.0000	all free	all free	Global	Yes
54	0.0000	1.2000	0.0000	all free	all free	Global	Yes
55	0.5000	1.2000	0.0000	all free	all free	Global	Yes
56	1.0000	1.2000	0.0000	all free	all free	Global	Yes
57	1.5000	1.2000	0.0000	all free	all free	Global	Yes
58	2.0000	1.2000	0.0000	all free	all free	Global	Yes
59	2.5000	1.2000	0.0000	all free	all free	Global	Yes
60	3.0000	1.2000	0.0000	all free	all free	Global	Yes
61	3.5000	1.2000	0.0000	all free	all free	Global	Yes
62	4.0000	1.2000	0.0000	all free	all free	Global	Yes
63	4.5000	1.2000	0.0000	all free	all free	Global	Yes
64	5.0000	1.2000	0.0000	all free	all free	Global	Yes
65	5.5000	1.2000	0.0000	all free	all free	Global	Yes
66	6.0000	1.2000	0.0000	all free	all free	Global	Yes
67	6.5000	1.2000	0.0000	all free	all free	Global	Yes
68	7.0000	1.2000	0.0000	all free	all free	Global	Yes
69	7.5000	1.2000	0.0000	all free	all free	Global	Yes
70	8.0000	1.2000	0.0000	all free	all free	Global	Yes
71	0.0000	1.4500	0.0000	all free	all free	Global	Yes
72	0.5000	1.4500	0.0000	all free	all free	Global	Yes
73	1.0000	1.4500	0.0000	all free	all free	Global	Yes
74	1.5000	1.4500	0.0000	all free	all free	Global	Yes
75	2.0000	1.4500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
76	2.5000	1.4500	0.0000	all free	all free	Global	Yes
77	3.0000	1.4500	0.0000	all free	all free	Global	Yes
78	3.5000	1.4500	0.0000	all free	all free	Global	Yes
79	4.0000	1.4500	0.0000	all free	all free	Global	Yes
80	4.5000	1.4500	0.0000	all free	all free	Global	Yes
81	5.0000	1.4500	0.0000	all free	all free	Global	Yes
82	5.5000	1.4500	0.0000	all free	all free	Global	Yes
83	6.0000	1.4500	0.0000	all free	all free	Global	Yes
84	6.5000	1.4500	0.0000	all free	all free	Global	Yes
85	7.0000	1.4500	0.0000	all free	all free	Global	Yes
86	7.5000	1.4500	0.0000	all free	all free	Global	Yes
87	8.0000	1.4500	0.0000	all free	all free	Global	Yes
88	0.0000	1.7000	0.0000	all free	all free	Global	Yes
89	0.5000	1.7000	0.0000	all free	all free	Global	Yes
90	1.0000	1.7000	0.0000	all free	all free	Global	Yes
91	1.5000	1.7000	0.0000	all free	all free	Global	Yes
92	2.0000	1.7000	0.0000	all free	all free	Global	Yes
93	2.5000	1.7000	0.0000	all free	all free	Global	Yes
94	3.0000	1.7000	0.0000	all free	all free	Global	Yes
95	3.5000	1.7000	0.0000	all free	all free	Global	Yes
96	4.0000	1.7000	0.0000	all free	all free	Global	Yes
97	4.5000	1.7000	0.0000	all free	all free	Global	Yes
98	5.0000	1.7000	0.0000	all free	all free	Global	Yes
99	5.5000	1.7000	0.0000	all free	all free	Global	Yes
100	6.0000	1.7000	0.0000	all free	all free	Global	Yes
101	6.5000	1.7000	0.0000	all free	all free	Global	Yes
102	7.0000	1.7000	0.0000	all free	all free	Global	Yes
103	7.5000	1.7000	0.0000	all free	all free	Global	Yes
104	8.0000	1.7000	0.0000	all free	all free	Global	Yes
105	0.0000	1.9500	0.0000	all free	all free	Global	Yes
106	0.5000	1.9500	0.0000	all free	all free	Global	Yes
107	1.0000	1.9500	0.0000	all free	all free	Global	Yes
108	1.5000	1.9500	0.0000	all free	all free	Global	Yes
109	2.0000	1.9500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
110	2.5000	1.9500	0.0000	all free	all free	Global	Yes
111	3.0000	1.9500	0.0000	all free	all free	Global	Yes
112	3.5000	1.9500	0.0000	all free	all free	Global	Yes
113	4.0000	1.9500	0.0000	all free	all free	Global	Yes
114	4.5000	1.9500	0.0000	all free	all free	Global	Yes
115	5.0000	1.9500	0.0000	all free	all free	Global	Yes
116	5.5000	1.9500	0.0000	all free	all free	Global	Yes
117	6.0000	1.9500	0.0000	all free	all free	Global	Yes
118	6.5000	1.9500	0.0000	all free	all free	Global	Yes
119	7.0000	1.9500	0.0000	all free	all free	Global	Yes
120	7.5000	1.9500	0.0000	all free	all free	Global	Yes
121	8.0000	1.9500	0.0000	all free	all free	Global	Yes
122	0.0000	2.2000	0.0000	all free	all free	Global	Yes
123	0.5000	2.2000	0.0000	all free	all free	Global	Yes
124	1.0000	2.2000	0.0000	all free	all free	Global	Yes
125	1.5000	2.2000	0.0000	all free	all free	Global	Yes
126	2.0000	2.2000	0.0000	all free	all free	Global	Yes
127	2.5000	2.2000	0.0000	all free	all free	Global	Yes
128	3.0000	2.2000	0.0000	all free	all free	Global	Yes
129	3.5000	2.2000	0.0000	all free	all free	Global	Yes
130	4.0000	2.2000	0.0000	all free	all free	Global	Yes
131	4.5000	2.2000	0.0000	all free	all free	Global	Yes
132	5.0000	2.2000	0.0000	all free	all free	Global	Yes
133	5.5000	2.2000	0.0000	all free	all free	Global	Yes
134	6.0000	2.2000	0.0000	all free	all free	Global	Yes
135	6.5000	2.2000	0.0000	all free	all free	Global	Yes
136	7.0000	2.2000	0.0000	all free	all free	Global	Yes
137	7.5000	2.2000	0.0000	all free	all free	Global	Yes
138	8.0000	2.2000	0.0000	all free	all free	Global	Yes
139	0.0000	2.4500	0.0000	all free	all free	Global	Yes
140	0.5000	2.4500	0.0000	all free	all free	Global	Yes
141	1.0000	2.4500	0.0000	all free	all free	Global	Yes
142	1.5000	2.4500	0.0000	all free	all free	Global	Yes
143	2.0000	2.4500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
144	2.5000	2.4500	0.0000	all free	all free	Global	Yes
145	3.0000	2.4500	0.0000	all free	all free	Global	Yes
146	3.5000	2.4500	0.0000	all free	all free	Global	Yes
147	4.0000	2.4500	0.0000	all free	all free	Global	Yes
148	4.5000	2.4500	0.0000	all free	all free	Global	Yes
149	5.0000	2.4500	0.0000	all free	all free	Global	Yes
150	5.5000	2.4500	0.0000	all free	all free	Global	Yes
151	6.0000	2.4500	0.0000	all free	all free	Global	Yes
152	6.5000	2.4500	0.0000	all free	all free	Global	Yes
153	7.0000	2.4500	0.0000	all free	all free	Global	Yes
154	7.5000	2.4500	0.0000	all free	all free	Global	Yes
155	8.0000	2.4500	0.0000	all free	all free	Global	Yes
156	0.0000	2.7000	0.0000	all free	all free	Global	Yes
158	1.0000	2.7000	0.0000	all free	all free	Global	Yes
159	1.5000	2.7000	0.0000	all free	all free	Global	Yes
160	2.0000	2.7000	0.0000	all free	all free	Global	Yes
161	2.5000	2.7000	0.0000	all free	all free	Global	Yes
162	3.0000	2.7000	0.0000	all free	all free	Global	Yes
163	3.5000	2.7000	0.0000	all free	all free	Global	Yes
164	4.0000	2.7000	0.0000	all free	all free	Global	Yes
165	4.5000	2.7000	0.0000	all free	all free	Global	Yes
166	5.0000	2.7000	0.0000	all free	all free	Global	Yes
167	5.5000	2.7000	0.0000	all free	all free	Global	Yes
168	6.0000	2.7000	0.0000	all free	all free	Global	Yes
169	6.5000	2.7000	0.0000	all free	all free	Global	Yes
170	7.0000	2.7000	0.0000	all free	all free	Global	Yes
171	7.5000	2.7000	0.0000	all free	all free	Global	Yes
172	8.0000	2.7000	0.0000	all free	all free	Global	Yes
173	0.0000	2.9500	0.0000	all free	all free	Global	Yes
174	0.5000	2.9500	0.0000	all free	all free	Global	Yes
175	1.0000	2.9500	0.0000	all free	all free	Global	Yes
176	1.5000	2.9500	0.0000	all free	all free	Global	Yes
177	2.0000	2.9500	0.0000	all free	all free	Global	Yes
178	2.5000	2.9500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
179	3.0000	2.9500	0.0000	all free	all free	Global	Yes
180	3.5000	2.9500	0.0000	all free	all free	Global	Yes
181	4.0000	2.9500	0.0000	all free	all free	Global	Yes
182	4.5000	2.9500	0.0000	all free	all free	Global	Yes
183	5.0000	2.9500	0.0000	all free	all free	Global	Yes
184	5.5000	2.9500	0.0000	all free	all free	Global	Yes
185	6.0000	2.9500	0.0000	all free	all free	Global	Yes
186	6.5000	2.9500	0.0000	all free	all free	Global	Yes
187	7.0000	2.9500	0.0000	all free	all free	Global	Yes
188	7.5000	2.9500	0.0000	all free	all free	Global	Yes
189	8.0000	2.9500	0.0000	all free	all free	Global	Yes
190	0.0000	3.2000	0.0000	all free	all free	Global	Yes
191	0.5000	3.2000	0.0000	all free	all free	Global	Yes
192	1.0000	3.2000	0.0000	all free	all free	Global	Yes
193	1.5000	3.2000	0.0000	all free	all free	Global	Yes
194	2.0000	3.2000	0.0000	all free	all free	Global	Yes
195	2.5000	3.2000	0.0000	all free	all free	Global	Yes
196	3.0000	3.2000	0.0000	all free	all free	Global	Yes
197	3.5000	3.2000	0.0000	all free	all free	Global	Yes
198	4.0000	3.2000	0.0000	all free	all free	Global	Yes
199	4.5000	3.2000	0.0000	all free	all free	Global	Yes
200	5.0000	3.2000	0.0000	all free	all free	Global	Yes
201	5.5000	3.2000	0.0000	all free	all free	Global	Yes
202	6.0000	3.2000	0.0000	all free	all free	Global	Yes
203	6.5000	3.2000	0.0000	all free	all free	Global	Yes
204	7.0000	3.2000	0.0000	all free	all free	Global	Yes
205	7.5000	3.2000	0.0000	all free	all free	Global	Yes
206	8.0000	3.2000	0.0000	all free	all free	Global	Yes
207	0.0000	3.4500	0.0000	all free	all free	Global	Yes
208	0.5000	3.4500	0.0000	all free	all free	Global	Yes
209	1.0000	3.4500	0.0000	all free	all free	Global	Yes
210	1.5000	3.4500	0.0000	all free	all free	Global	Yes
211	2.0000	3.4500	0.0000	all free	all free	Global	Yes
212	2.5000	3.4500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
213	3.0000	3.4500	0.0000	all free	all free	Global	Yes
214	3.5000	3.4500	0.0000	all free	all free	Global	Yes
215	4.0000	3.4500	0.0000	all free	all free	Global	Yes
216	4.5000	3.4500	0.0000	all free	all free	Global	Yes
217	5.0000	3.4500	0.0000	all free	all free	Global	Yes
218	5.5000	3.4500	0.0000	all free	all free	Global	Yes
219	6.0000	3.4500	0.0000	all free	all free	Global	Yes
220	6.5000	3.4500	0.0000	all free	all free	Global	Yes
221	7.0000	3.4500	0.0000	all free	all free	Global	Yes
222	7.5000	3.4500	0.0000	all free	all free	Global	Yes
223	8.0000	3.4500	0.0000	all free	all free	Global	Yes
224	0.0000	3.7000	0.0000	all free	all free	Global	Yes
225	0.5000	3.7000	0.0000	all free	all free	Global	Yes
226	1.0000	3.7000	0.0000	all free	all free	Global	Yes
227	1.5000	3.7000	0.0000	all free	all free	Global	Yes
228	2.0000	3.7000	0.0000	all free	all free	Global	Yes
229	2.5000	3.7000	0.0000	all free	all free	Global	Yes
230	3.0000	3.7000	0.0000	all free	all free	Global	Yes
231	3.5000	3.7000	0.0000	all free	all free	Global	Yes
232	4.0000	3.7000	0.0000	all free	all free	Global	Yes
233	4.5000	3.7000	0.0000	all free	all free	Global	Yes
234	5.0000	3.7000	0.0000	all free	all free	Global	Yes
235	5.5000	3.7000	0.0000	all free	all free	Global	Yes
236	6.0000	3.7000	0.0000	all free	all free	Global	Yes
237	6.5000	3.7000	0.0000	all free	all free	Global	Yes
238	7.0000	3.7000	0.0000	all free	all free	Global	Yes
239	7.5000	3.7000	0.0000	all free	all free	Global	Yes
240	8.0000	3.7000	0.0000	all free	all free	Global	Yes
241	0.0000	3.9500	0.0000	all free	all free	Global	Yes
242	0.5000	3.9500	0.0000	all free	all free	Global	Yes
243	1.0000	3.9500	0.0000	all free	all free	Global	Yes
244	1.5000	3.9500	0.0000	all free	all free	Global	Yes
245	2.0000	3.9500	0.0000	all free	all free	Global	Yes
246	2.5000	3.9500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
247	3.0000	3.9500	0.0000	all free	all free	Global	Yes
248	3.5000	3.9500	0.0000	all free	all free	Global	Yes
249	4.0000	3.9500	0.0000	all free	all free	Global	Yes
250	4.5000	3.9500	0.0000	all free	all free	Global	Yes
251	5.0000	3.9500	0.0000	all free	all free	Global	Yes
252	5.5000	3.9500	0.0000	all free	all free	Global	Yes
253	6.0000	3.9500	0.0000	all free	all free	Global	Yes
254	6.5000	3.9500	0.0000	all free	all free	Global	Yes
255	7.0000	3.9500	0.0000	all free	all free	Global	Yes
256	7.5000	3.9500	0.0000	all free	all free	Global	Yes
257	8.0000	3.9500	0.0000	all free	all free	Global	Yes
258	0.0000	4.2000	0.0000	all free	all free	Global	Yes
259	0.5000	4.2000	0.0000	all free	all free	Global	Yes
260	1.0000	4.2000	0.0000	all free	all free	Global	Yes
261	1.5000	4.2000	0.0000	all free	all free	Global	Yes
262	2.0000	4.2000	0.0000	all free	all free	Global	Yes
263	2.5000	4.2000	0.0000	all free	all free	Global	Yes
264	3.0000	4.2000	0.0000	all free	all free	Global	Yes
265	3.5000	4.2000	0.0000	all free	all free	Global	Yes
266	4.0000	4.2000	0.0000	all free	all free	Global	Yes
267	4.5000	4.2000	0.0000	all free	all free	Global	Yes
268	5.0000	4.2000	0.0000	all free	all free	Global	Yes
269	5.5000	4.2000	0.0000	all free	all free	Global	Yes
270	6.0000	4.2000	0.0000	all free	all free	Global	Yes
271	6.5000	4.2000	0.0000	all free	all free	Global	Yes
272	7.0000	4.2000	0.0000	all free	all free	Global	Yes
273	7.5000	4.2000	0.0000	all free	all free	Global	Yes
274	8.0000	4.2000	0.0000	all free	all free	Global	Yes
275	0.0000	4.4500	0.0000	all free	all free	Global	Yes
276	0.5000	4.4500	0.0000	all free	all free	Global	Yes
277	1.0000	4.4500	0.0000	all free	all free	Global	Yes
278	1.5000	4.4500	0.0000	all free	all free	Global	Yes
279	2.0000	4.4500	0.0000	all free	all free	Global	Yes
280	2.5000	4.4500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
281	3.0000	4.4500	0.0000	all free	all free	Global	Yes
282	3.5000	4.4500	0.0000	all free	all free	Global	Yes
283	4.0000	4.4500	0.0000	all free	all free	Global	Yes
284	4.5000	4.4500	0.0000	all free	all free	Global	Yes
285	5.0000	4.4500	0.0000	all free	all free	Global	Yes
286	5.5000	4.4500	0.0000	all free	all free	Global	Yes
287	6.0000	4.4500	0.0000	all free	all free	Global	Yes
288	6.5000	4.4500	0.0000	all free	all free	Global	Yes
289	7.0000	4.4500	0.0000	all free	all free	Global	Yes
290	7.5000	4.4500	0.0000	all free	all free	Global	Yes
291	8.0000	4.4500	0.0000	all free	all free	Global	Yes
292	0.0000	4.7000	0.0000	all free	all free	Global	Yes
293	0.5000	4.7000	0.0000	all free	all free	Global	Yes
294	1.0000	4.7000	0.0000	all free	all free	Global	Yes
295	1.5000	4.7000	0.0000	all free	all free	Global	Yes
296	2.0000	4.7000	0.0000	all free	all free	Global	Yes
297	2.5000	4.7000	0.0000	all free	all free	Global	Yes
298	3.0000	4.7000	0.0000	all free	all free	Global	Yes
299	3.5000	4.7000	0.0000	all free	all free	Global	Yes
300	4.0000	4.7000	0.0000	all free	all free	Global	Yes
301	4.5000	4.7000	0.0000	all free	all free	Global	Yes
302	5.0000	4.7000	0.0000	all free	all free	Global	Yes
303	5.5000	4.7000	0.0000	all free	all free	Global	Yes
304	6.0000	4.7000	0.0000	all free	all free	Global	Yes
305	6.5000	4.7000	0.0000	all free	all free	Global	Yes
306	7.0000	4.7000	0.0000	all free	all free	Global	Yes
307	7.5000	4.7000	0.0000	all free	all free	Global	Yes
308	8.0000	4.7000	0.0000	all free	all free	Global	Yes
309	0.5000	4.9500	0.0000	all free	all free	Global	Yes
310	1.0000	4.9500	0.0000	all free	all free	Global	Yes
311	1.5000	4.9500	0.0000	all free	all free	Global	Yes
312	2.0000	4.9500	0.0000	all free	all free	Global	Yes
313	2.5000	4.9500	0.0000	all free	all free	Global	Yes
314	3.0000	4.9500	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
315	3.5000	4.9500	0.0000	all free	all free	Global	Yes
316	4.0000	4.9500	0.0000	all free	all free	Global	Yes
317	4.5000	4.9500	0.0000	all free	all free	Global	Yes
318	5.0000	4.9500	0.0000	all free	all free	Global	Yes
319	5.5000	4.9500	0.0000	all free	all free	Global	Yes
320	6.0000	4.9500	0.0000	all free	all free	Global	Yes
321	6.5000	4.9500	0.0000	all free	all free	Global	Yes
322	7.0000	4.9500	0.0000	all free	all free	Global	Yes
323	7.5000	4.9500	0.0000	all free	all free	Global	Yes
324	1.0000	1.2000	-1.0000	all free	all free	Global	Yes
325	7.0000	1.2000	-1.0000	all free	all free	Global	Yes
326	1.0000	4.2000	-1.0000	all free	all free	Global	Yes
327	7.0000	4.2000	-1.0000	all free	all free	Global	Yes
328	0.5000	2.7000	0.8600	all free	all free	Global	Yes
329	0.0000	2.7000	0.8600	all free	all free	Global	Yes
330	0.5000	2.7000	0.0000	all free	all free	Global	Yes
331	1.0000	2.7000	0.8600	all free	all free	Global	Yes
332	1.5000	2.7000	0.8600	all free	all free	Global	Yes
333	2.0000	2.7000	0.8600	all free	all free	Global	Yes
334	2.5000	2.7000	0.8600	all free	all free	Global	Yes
335	3.0000	2.7000	0.8600	all free	all free	Global	Yes
336	3.5000	2.7000	0.8600	all free	all free	Global	Yes
337	4.0000	2.7000	0.8600	all free	all free	Global	Yes
338	4.5000	2.7000	0.8600	all free	all free	Global	Yes
339	5.0000	2.7000	0.8600	all free	all free	Global	Yes
340	5.5000	2.7000	0.8600	all free	all free	Global	Yes
341	6.0000	2.7000	0.8600	all free	all free	Global	Yes
342	6.5000	2.7000	0.8600	all free	all free	Global	Yes
343	7.0000	2.7000	0.8600	all free	all free	Global	Yes
344	7.5000	2.7000	0.8600	all free	all free	Global	Yes
345	8.0000	2.7000	0.8600	all free	all free	Global	Yes
346	0.5000	2.7000	1.7200	all free	all free	Global	Yes
347	0.0000	2.7000	1.7200	all free	all free	Global	Yes
348	1.0000	2.7000	1.7200	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
349	1.5000	2.7000	1.7200	all free	all free	Global	Yes
350	2.0000	2.7000	1.7200	all free	all free	Global	Yes
351	2.5000	2.7000	1.7200	all free	all free	Global	Yes
352	3.0000	2.7000	1.7200	all free	all free	Global	Yes
353	3.5000	2.7000	1.7200	all free	all free	Global	Yes
354	4.0000	2.7000	1.7200	all free	all free	Global	Yes
355	4.5000	2.7000	1.7200	all free	all free	Global	Yes
356	5.0000	2.7000	1.7200	all free	all free	Global	Yes
357	5.5000	2.7000	1.7200	all free	all free	Global	Yes
358	6.0000	2.7000	1.7200	all free	all free	Global	Yes
359	6.5000	2.7000	1.7200	all free	all free	Global	Yes
360	7.0000	2.7000	1.7200	all free	all free	Global	Yes
361	7.5000	2.7000	1.7200	all free	all free	Global	Yes
362	8.0000	2.7000	1.7200	all free	all free	Global	Yes
363	0.5000	2.7000	2.5800	all free	all free	Global	Yes
364	0.0000	2.7000	2.5800	all free	all free	Global	Yes
365	1.0000	2.7000	2.5800	all free	all free	Global	Yes
366	1.5000	2.7000	2.5800	all free	all free	Global	Yes
367	2.0000	2.7000	2.5800	all free	all free	Global	Yes
368	2.5000	2.7000	2.5800	all free	all free	Global	Yes
369	3.0000	2.7000	2.5800	all free	all free	Global	Yes
370	3.5000	2.7000	2.5800	all free	all free	Global	Yes
371	4.0000	2.7000	2.5800	all free	all free	Global	Yes
372	4.5000	2.7000	2.5800	all free	all free	Global	Yes
373	5.0000	2.7000	2.5800	all free	all free	Global	Yes
374	5.5000	2.7000	2.5800	all free	all free	Global	Yes
375	6.0000	2.7000	2.5800	all free	all free	Global	Yes
376	6.5000	2.7000	2.5800	all free	all free	Global	Yes
377	7.0000	2.7000	2.5800	all free	all free	Global	Yes
378	7.5000	2.7000	2.5800	all free	all free	Global	Yes
379	8.0000	2.7000	2.5800	all free	all free	Global	Yes
380	0.5000	2.7000	3.4400	all free	all free	Global	Yes
381	0.0000	2.7000	3.4400	all free	all free	Global	Yes
382	1.0000	2.7000	3.4400	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
383	1.5000	2.7000	3.4400	all free	all free	Global	Yes
384	2.0000	2.7000	3.4400	all free	all free	Global	Yes
385	2.5000	2.7000	3.4400	all free	all free	Global	Yes
386	3.0000	2.7000	3.4400	all free	all free	Global	Yes
387	3.5000	2.7000	3.4400	all free	all free	Global	Yes
388	4.0000	2.7000	3.4400	all free	all free	Global	Yes
389	4.5000	2.7000	3.4400	all free	all free	Global	Yes
390	5.0000	2.7000	3.4400	all free	all free	Global	Yes
391	5.5000	2.7000	3.4400	all free	all free	Global	Yes
392	6.0000	2.7000	3.4400	all free	all free	Global	Yes
393	6.5000	2.7000	3.4400	all free	all free	Global	Yes
394	7.0000	2.7000	3.4400	all free	all free	Global	Yes
395	7.5000	2.7000	3.4400	all free	all free	Global	Yes
396	8.0000	2.7000	3.4400	all free	all free	Global	Yes
397	0.5000	2.7000	4.3000	all free	all free	Global	Yes
398	0.0000	2.7000	4.3000	all free	all free	Global	Yes
399	1.0000	2.7000	4.3000	all free	all free	Global	Yes
400	1.5000	2.7000	4.3000	all free	all free	Global	Yes
401	2.0000	2.7000	4.3000	all free	all free	Global	Yes
402	2.5000	2.7000	4.3000	all free	all free	Global	Yes
403	3.0000	2.7000	4.3000	all free	all free	Global	Yes
404	3.5000	2.7000	4.3000	all free	all free	Global	Yes
405	4.0000	2.7000	4.3000	all free	all free	Global	Yes
406	4.5000	2.7000	4.3000	all free	all free	Global	Yes
407	5.0000	2.7000	4.3000	all free	all free	Global	Yes
408	5.5000	2.7000	4.3000	all free	all free	Global	Yes
409	6.0000	2.7000	4.3000	all free	all free	Global	Yes
410	6.5000	2.7000	4.3000	all free	all free	Global	Yes
411	7.0000	2.7000	4.3000	all free	all free	Global	Yes
412	7.5000	2.7000	4.3000	all free	all free	Global	Yes
413	8.0000	2.7000	4.3000	all free	all free	Global	Yes
414	1.0000	1.2000	-2.0000	all free	all free	Global	Yes
415	1.0000	1.2000	-3.0000	all free	all free	Global	Yes
416	1.0000	1.2000	-4.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
417	1.0000	1.2000	-5.0000	all free	all free	Global	Yes
418	1.0000	1.2000	-6.0000	all free	all free	Global	Yes
419	1.0000	1.2000	-7.0000	all free	all free	Global	Yes
420	1.0000	1.2000	-8.0000	all free	all free	Global	Yes
421	1.0000	1.2000	-9.0000	all free	all free	Global	Yes
422	1.0000	1.2000	-10.0000	all free	all free	Global	Yes
423	1.0000	1.2000	-11.0000	all free	all free	Global	Yes
424	1.0000	1.2000	-12.0000	all free	all free	Global	Yes
425	1.0000	1.2000	-13.0000	all free	all free	Global	Yes
426	7.0000	1.2000	-2.0000	all free	all free	Global	Yes
427	7.0000	1.2000	-3.0000	all free	all free	Global	Yes
428	7.0000	1.2000	-4.0000	all free	all free	Global	Yes
429	7.0000	1.2000	-5.0000	all free	all free	Global	Yes
430	7.0000	1.2000	-6.0000	all free	all free	Global	Yes
431	7.0000	1.2000	-7.0000	all free	all free	Global	Yes
432	7.0000	1.2000	-8.0000	all free	all free	Global	Yes
433	7.0000	1.2000	-9.0000	all free	all free	Global	Yes
434	7.0000	1.2000	-10.0000	all free	all free	Global	Yes
435	7.0000	1.2000	-11.0000	all free	all free	Global	Yes
436	7.0000	1.2000	-12.0000	all free	all free	Global	Yes
437	7.0000	1.2000	-13.0000	all free	all free	Global	Yes
438	1.0000	4.2000	-2.0000	all free	all free	Global	Yes
439	1.0000	4.2000	-3.0000	all free	all free	Global	Yes
440	1.0000	4.2000	-4.0000	all free	all free	Global	Yes
441	1.0000	4.2000	-5.0000	all free	all free	Global	Yes
442	1.0000	4.2000	-6.0000	all free	all free	Global	Yes
443	1.0000	4.2000	-7.0000	all free	all free	Global	Yes
444	1.0000	4.2000	-8.0000	all free	all free	Global	Yes
445	1.0000	4.2000	-9.0000	all free	all free	Global	Yes
446	1.0000	4.2000	-10.0000	all free	all free	Global	Yes
447	1.0000	4.2000	-11.0000	all free	all free	Global	Yes
448	1.0000	4.2000	-12.0000	all free	all free	Global	Yes
449	1.0000	4.2000	-13.0000	all free	all free	Global	Yes
450	7.0000	4.2000	-2.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
451	7.0000	4.2000	-3.0000	all free	all free	Global	Yes
452	7.0000	4.2000	-4.0000	all free	all free	Global	Yes
453	7.0000	4.2000	-5.0000	all free	all free	Global	Yes
454	7.0000	4.2000	-6.0000	all free	all free	Global	Yes
455	7.0000	4.2000	-7.0000	all free	all free	Global	Yes
456	7.0000	4.2000	-8.0000	all free	all free	Global	Yes
457	7.0000	4.2000	-9.0000	all free	all free	Global	Yes
458	7.0000	4.2000	-10.0000	all free	all free	Global	Yes
459	7.0000	4.2000	-11.0000	all free	all free	Global	Yes
460	7.0000	4.2000	-12.0000	all free	all free	Global	Yes
461	7.0000	4.2000	-13.0000	all free	all free	Global	Yes
462	8.0000	5.2000	0.0000	all free	all free	Global	Yes
463	0.0000	5.2000	0.0000	all free	all free	Global	Yes
464	0.5000	5.2000	0.0000	all free	all free	Global	Yes
465	1.0000	5.2000	0.0000	all free	all free	Global	Yes
466	1.5000	5.2000	0.0000	all free	all free	Global	Yes
467	2.0000	5.2000	0.0000	all free	all free	Global	Yes
468	2.5000	5.2000	0.0000	all free	all free	Global	Yes
469	3.0000	5.2000	0.0000	all free	all free	Global	Yes
470	3.5000	5.2000	0.0000	all free	all free	Global	Yes
471	4.0000	5.2000	0.0000	all free	all free	Global	Yes
472	4.5000	5.2000	0.0000	all free	all free	Global	Yes
473	5.0000	5.2000	0.0000	all free	all free	Global	Yes
474	5.5000	5.2000	0.0000	all free	all free	Global	Yes
475	6.0000	5.2000	0.0000	all free	all free	Global	Yes
476	6.5000	5.2000	0.0000	all free	all free	Global	Yes
477	7.0000	5.2000	0.0000	all free	all free	Global	Yes
478	7.5000	5.2000	0.0000	all free	all free	Global	Yes
479	0.0000	0.2000	0.0000	all free	all free	Global	Yes
480	8.0000	0.2000	0.0000	all free	all free	Global	Yes
481	0.5000	0.2000	0.0000	all free	all free	Global	Yes
482	1.0000	0.2000	0.0000	all free	all free	Global	Yes
483	1.5000	0.2000	0.0000	all free	all free	Global	Yes
484	2.0000	0.2000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
485	2.5000	0.2000	0.0000	all free	all free	Global	Yes
486	3.0000	0.2000	0.0000	all free	all free	Global	Yes
487	3.5000	0.2000	0.0000	all free	all free	Global	Yes
488	4.0000	0.2000	0.0000	all free	all free	Global	Yes
489	4.5000	0.2000	0.0000	all free	all free	Global	Yes
490	5.0000	0.2000	0.0000	all free	all free	Global	Yes
491	5.5000	0.2000	0.0000	all free	all free	Global	Yes
492	6.0000	0.2000	0.0000	all free	all free	Global	Yes
493	6.5000	0.2000	0.0000	all free	all free	Global	Yes
494	7.0000	0.2000	0.0000	all free	all free	Global	Yes
495	7.5000	0.2000	0.0000	all free	all free	Global	Yes
496	8.0000	5.4000	0.0000	all free	all free	Global	Yes
497	0.0000	5.4000	0.0000	all free	all free	Global	Yes
498	0.5000	5.4000	0.0000	all free	all free	Global	Yes
499	1.0000	5.4000	0.0000	all free	all free	Global	Yes
500	1.5000	5.4000	0.0000	all free	all free	Global	Yes
501	2.0000	5.4000	0.0000	all free	all free	Global	Yes
502	2.5000	5.4000	0.0000	all free	all free	Global	Yes
503	3.0000	5.4000	0.0000	all free	all free	Global	Yes
504	3.5000	5.4000	0.0000	all free	all free	Global	Yes
505	4.0000	5.4000	0.0000	all free	all free	Global	Yes
506	4.5000	5.4000	0.0000	all free	all free	Global	Yes
507	5.0000	5.4000	0.0000	all free	all free	Global	Yes
508	5.5000	5.4000	0.0000	all free	all free	Global	Yes
509	6.0000	5.4000	0.0000	all free	all free	Global	Yes
510	6.5000	5.4000	0.0000	all free	all free	Global	Yes
511	7.0000	5.4000	0.0000	all free	all free	Global	Yes
512	7.5000	5.4000	0.0000	all free	all free	Global	Yes
513	0.0000	0.0000	0.0000	all free	all free	Global	Yes
514	8.0000	0.0000	0.0000	all free	all free	Global	Yes
515	0.5000	0.0000	0.0000	all free	all free	Global	Yes
516	1.0000	0.0000	0.0000	all free	all free	Global	Yes
517	1.5000	0.0000	0.0000	all free	all free	Global	Yes
518	2.0000	0.0000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
519	2.5000	0.0000	0.0000	all free	all free	Global	Yes
520	3.0000	0.0000	0.0000	all free	all free	Global	Yes
521	3.5000	0.0000	0.0000	all free	all free	Global	Yes
522	4.0000	0.0000	0.0000	all free	all free	Global	Yes
523	4.5000	0.0000	0.0000	all free	all free	Global	Yes
524	5.0000	0.0000	0.0000	all free	all free	Global	Yes
525	5.5000	0.0000	0.0000	all free	all free	Global	Yes
526	6.0000	0.0000	0.0000	all free	all free	Global	Yes
527	6.5000	0.0000	0.0000	all free	all free	Global	Yes
528	7.0000	0.0000	0.0000	all free	all free	Global	Yes
529	7.5000	0.0000	0.0000	all free	all free	Global	Yes

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
1	56	324	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
2	68	325	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
3	260	326	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
4	272	327	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
5	396	397	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
6	397	398	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
7	399	400	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
8	400	401	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
9	401	402	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
10	402	403	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
11	403	404	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
12	404	405	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
13	405	406	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
14	406	407	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
15	407	408	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
16	408	409	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
17	409	410	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
18	410	411	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Cardinal (deg)	Structure / Construction Group
19	411	412	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
20	412	413	-	Beam	CABEZAL	(same as start)	FC=250KG/CM2	0.0000	5	0.0000	0.0000	-90.0000	0	(none)
21	324	414	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
22	414	415	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
23	415	416	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
24	416	417	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
25	417	418	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
26	418	419	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
27	419	420	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
28	420	421	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
29	421	422	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
30	423	423	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
31	423	424	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
32	424	425	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
34	325	426	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
35	426	427	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
36	427	428	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
37	428	429	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
38	429	430	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
39	430	431	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
40	431	432	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
41	432	433	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
42	433	434	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
43	434	435	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
44	435	436	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
45	436	437	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
47	326	438	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
48	438	439	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
49	439	440	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
50	440	441	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
51	441	442	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
52	442	443	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
53	443	444	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
54	444	445	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Cardinal (deg)	Structure / Construction Group
55	445	446	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
56	446	447	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
57	447	448	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
58	448	449	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
59	327	450	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
60	450	451	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
61	451	452	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
62	452	453	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
63	453	454	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
64	454	455	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
65	455	456	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
66	456	457	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
67	457	458	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
68	458	459	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
69	458	460	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
70	460	461	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
52	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
53	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
55	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
57	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
58	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
61	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
64	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
68	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
1	324	(none)	Nonlinear	Trans. Y	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
2	414	(none)	Nonlinear	Trans. Y	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
3	415	(none)	Nonlinear	Trans. Y	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
4	416	(none)	Nonlinear	Trans. Y	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
5	417	(none)	Nonlinear	Trans. Y	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
6	418	(none)	Nonlinear	Trans. Y	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
7	419	(none)	Nonlinear	Trans. Y	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
8	420	(none)	Nonlinear	Trans. Y	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
9	421	(none)	Nonlinear	Trans. Y	2,282.3900	2,282.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
10	422	(none)	Nonlinear	Trans. Y	2,513.7900	2,513.7900	55.9400	55.9400	0.0000	0.0000	(none)	(none)
11	423	(none)	Nonlinear	Trans. Y	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
12	424	(none)	Nonlinear	Trans. Y	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
13	425	(none)	Nonlinear	Trans. Y	1,633.9500	1,633.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
14	324	(none)	Nonlinear	Trans. X	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
15	414	(none)	Nonlinear	Trans. X	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
16	415	(none)	Nonlinear	Trans. X	754.1300	754.1300	14.9200	14.9200	0.0000	0.0000	(none)	(none)
17	416	(none)	Nonlinear	Trans. X	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
18	417	(none)	Nonlinear	Trans. X	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
19	418	(none)	Nonlinear	Trans. X	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
20	419	(none)	Nonlinear	Trans. X	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
21	420	(none)	Nonlinear	Trans. X	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
22	421	(none)	Nonlinear	Trans. X	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
23	422	(none)	Nonlinear	Trans. X	2,513.7900	2,513.7900	55.9400	55.9400	0.0000	0.0000	(none)	(none)
24	423	(none)	Nonlinear	Trans. X	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
25	424	(none)	Nonlinear	Trans. X	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
26	425	(none)	Nonlinear	Trans. X	1,633.9500	1,633.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
27	425	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)
28	325	(none)	Nonlinear	Trans. Y	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
29	426	(none)	Nonlinear	Trans. Y	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
30	427	(none)	Nonlinear	Trans. Y	754.1300	754.1300	14.9200	14.9200	0.0000	0.0000	(none)	(none)
31	428	(none)	Nonlinear	Trans. Y	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
32	429	(none)	Nonlinear	Trans. Y	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
33	430	(none)	Nonlinear	Trans. Y	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
34	431	(none)	Nonlinear	Trans. Y	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
35	432	(none)	Nonlinear	Trans. Y	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
36	433	(none)	Nonlinear	Trans. Y	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
37	434	(none)	Nonlinear	Trans. Y	2,513.7900	2,513.7900	55.9400	55.9400	0.0000	0.0000	(none)	(none)
38	435	(none)	Nonlinear	Trans. Y	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
39	436	(none)	Nonlinear	Trans. Y	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
40	437	(none)	Nonlinear	Trans. Y	1,633.9500	1,633.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
41	325	(none)	Nonlinear	Trans. X	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
42	426	(none)	Nonlinear	Trans. X	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
43	427	(none)	Nonlinear	Trans. X	754.1300	754.1300	14.9200	14.9200	0.0000	0.0000	(none)	(none)
44	428	(none)	Nonlinear	Trans. X	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
45	429	(none)	Nonlinear	Trans. X	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
46	430	(none)	Nonlinear	Trans. X	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
47	431	(none)	Nonlinear	Trans. X	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
48	432	(none)	Nonlinear	Trans. X	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
49	433	(none)	Nonlinear	Trans. X	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
50	434	(none)	Nonlinear	Trans. X	2,513.7900	2,513.7900	55.9400	55.9400	0.0000	0.0000	(none)	(none)
51	435	(none)	Nonlinear	Trans. X	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
52	436	(none)	Nonlinear	Trans. X	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
53	437	(none)	Nonlinear	Trans. X	1,633.9500	1,633.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
54	437	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)
55	326	(none)	Nonlinear	Trans. Y	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
56	438	(none)	Nonlinear	Trans. Y	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
57	439	(none)	Nonlinear	Trans. Y	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
58	440	(none)	Nonlinear	Trans. Y	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
59	441	(none)	Nonlinear	Trans. Y	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
60	442	(none)	Nonlinear	Trans. Y	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
61	443	(none)	Nonlinear	Trans. Y	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
62	444	(none)	Nonlinear	Trans. Y	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
63	445	(none)	Nonlinear	Trans. Y	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
64	446	(none)	Nonlinear	Trans. Y	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
65	447	(none)	Nonlinear	Trans. Y	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
66	448	(none)	Nonlinear	Trans. Y	2,443.7600	2,443.7600	52.9700	52.9700	0.0000	0.0000	(none)	(none)
67	449	(none)	Nonlinear	Trans. Y	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
68	326	(none)	Nonlinear	Trans. X	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
69	438	(none)	Nonlinear	Trans. X	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
70	439	(none)	Nonlinear	Trans. X	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
71	440	(none)	Nonlinear	Trans. X	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
72	441	(none)	Nonlinear	Trans. X	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
73	442	(none)	Nonlinear	Trans. X	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
74	443	(none)	Nonlinear	Trans. X	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
75	444	(none)	Nonlinear	Trans. X	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
76	445	(none)	Nonlinear	Trans. X	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
77	446	(none)	Nonlinear	Trans. X	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
78	447	(none)	Nonlinear	Trans. X	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
79	448	(none)	Nonlinear	Trans. X	2,443.7800	2,443.7800	52.8700	52.8700	0.0000	0.0000	(none)	(none)
80	449	(none)	Nonlinear	Trans. X	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
81	448	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)
82	327	(none)	Nonlinear	Trans. Y	203.6500	203.6500	4.8700	4.8700	0.0000	0.0000	(none)	(none)
83	450	(none)	Nonlinear	Trans. Y	407.2900	407.2900	8.6100	8.6100	0.0000	0.0000	(none)	(none)
84	451	(none)	Nonlinear	Trans. Y	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
85	452	(none)	Nonlinear	Trans. Y	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
86	453	(none)	Nonlinear	Trans. Y	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
87	454	(none)	Nonlinear	Trans. Y	1,221.8800	1,221.8800	20.9300	20.9300	0.0000	0.0000	(none)	(none)
88	455	(none)	Nonlinear	Trans. Y	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
89	456	(none)	Nonlinear	Trans. Y	1,629.1700	1,629.1700	26.0700	26.0700	0.0000	0.0000	(none)	(none)
90	457	(none)	Nonlinear	Trans. Y	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
91	458	(none)	Nonlinear	Trans. Y	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
92	459	(none)	Nonlinear	Trans. Y	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
93	460	(none)	Nonlinear	Trans. Y	2,443.7800	2,443.7800	52.8700	52.8700	0.0000	0.0000	(none)	(none)
94	461	(none)	Nonlinear	Trans. Y	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
95	327	(none)	Nonlinear	Trans. X	203.6500	203.6500	4.8700	4.8700	0.0000	0.0000	(none)	(none)
96	450	(none)	Nonlinear	Trans. X	407.2900	407.2900	8.6100	8.6100	0.0000	0.0000	(none)	(none)
97	451	(none)	Nonlinear	Trans. X	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
98	452	(none)	Nonlinear	Trans. X	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
99	453	(none)	Nonlinear	Trans. X	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
100	454	(none)	Nonlinear	Trans. X	1,221.8800	1,221.8800	20.9300	20.9300	0.0000	0.0000	(none)	(none)
101	455	(none)	Nonlinear	Trans. X	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
102	456	(none)	Nonlinear	Trans. X	1,629.1700	1,629.1700	26.0700	26.0700	0.0000	0.0000	(none)	(none)
103	457	(none)	Nonlinear	Trans. X	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
104	458	(none)	Nonlinear	Trans. X	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
105	459	(none)	Nonlinear	Trans. X	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
106	460	(none)	Nonlinear	Trans. X	2,443.7800	2,443.7800	52.8700	52.8700	0.0000	0.0000	(none)	(none)
107	461	(none)	Nonlinear	Trans. X	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
108	461	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
1	Thin/Thick Shell	1	20	21	5	FC=250KG/CM2	1.2000	.125	(none)
2	Thin/Thick Shell	5	21	22	6	FC=250KG/CM2	1.2000	.125	(none)
3	Thin/Thick Shell	6	22	23	7	FC=250KG/CM2	1.2000	.125	(none)
4	Thin/Thick Shell	7	23	24	8	FC=250KG/CM2	1.2000	.125	(none)
5	Thin/Thick Shell	8	24	25	9	FC=250KG/CM2	1.2000	.125	(none)
6	Thin/Thick Shell	9	25	26	10	FC=250KG/CM2	1.2000	.125	(none)
7	Thin/Thick Shell	10	26	27	11	FC=250KG/CM2	1.2000	.125	(none)
8	Thin/Thick Shell	11	27	28	12	FC=250KG/CM2	1.2000	.125	(none)
9	Thin/Thick Shell	12	28	29	13	FC=250KG/CM2	1.2000	.125	(none)
10	Thin/Thick Shell	13	29	30	14	FC=250KG/CM2	1.2000	.125	(none)
11	Thin/Thick Shell	14	30	31	15	FC=250KG/CM2	1.2000	.125	(none)
12	Thin/Thick Shell	15	31	32	16	FC=250KG/CM2	1.2000	.125	(none)
13	Thin/Thick Shell	16	32	33	17	FC=250KG/CM2	1.2000	.125	(none)
14	Thin/Thick Shell	17	33	34	18	FC=250KG/CM2	1.2000	.125	(none)
15	Thin/Thick Shell	18	34	35	19	FC=250KG/CM2	1.2000	.125	(none)
16	Thin/Thick Shell	19	35	36	4	FC=250KG/CM2	1.2000	.125	(none)
17	Thin/Thick Shell	20	37	38	21	FC=250KG/CM2	1.2000	.125	(none)
18	Thin/Thick Shell	21	38	39	22	FC=250KG/CM2	1.2000	.125	(none)
19	Thin/Thick Shell	22	39	40	23	FC=250KG/CM2	1.2000	.125	(none)
20	Thin/Thick Shell	23	40	41	24	FC=250KG/CM2	1.2000	.125	(none)
21	Thin/Thick Shell	24	41	42	25	FC=250KG/CM2	1.2000	.125	(none)
22	Thin/Thick Shell	25	42	43	26	FC=250KG/CM2	1.2000	.125	(none)
23	Thin/Thick Shell	26	43	44	27	FC=250KG/CM2	1.2000	.125	(none)
24	Thin/Thick Shell	27	44	45	28	FC=250KG/CM2	1.2000	.125	(none)
25	Thin/Thick Shell	28	45	46	29	FC=250KG/CM2	1.2000	.125	(none)
26	Thin/Thick Shell	29	46	47	30	FC=250KG/CM2	1.2000	.125	(none)
27	Thin/Thick Shell	30	47	48	31	FC=250KG/CM2	1.2000	.125	(none)
28	Thin/Thick Shell	31	48	49	32	FC=250KG/CM2	1.2000	.125	(none)
29	Thin/Thick Shell	32	49	50	33	FC=250KG/CM2	1.2000	.125	(none)
30	Thin/Thick Shell	33	50	51	34	FC=250KG/CM2	1.2000	.125	(none)
31	Thin/Thick Shell	34	51	52	35	FC=250KG/CM2	1.2000	.125	(none)
32	Thin/Thick Shell	35	52	53	36	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
33	Thin/Thick Shell	37	54	55	38	FC=250KG/CM2	1.2000	.125	(none)
34	Thin/Thick Shell	38	55	56	39	FC=250KG/CM2	1.2000	.125	(none)
35	Thin/Thick Shell	39	56	57	40	FC=250KG/CM2	1.2000	.125	(none)
36	Thin/Thick Shell	40	57	58	41	FC=250KG/CM2	1.2000	.125	(none)
37	Thin/Thick Shell	41	58	59	42	FC=250KG/CM2	1.2000	.125	(none)
38	Thin/Thick Shell	42	59	60	43	FC=250KG/CM2	1.2000	.125	(none)
39	Thin/Thick Shell	43	60	61	44	FC=250KG/CM2	1.2000	.125	(none)
40	Thin/Thick Shell	44	61	62	45	FC=250KG/CM2	1.2000	.125	(none)
41	Thin/Thick Shell	45	62	63	46	FC=250KG/CM2	1.2000	.125	(none)
42	Thin/Thick Shell	46	63	64	47	FC=250KG/CM2	1.2000	.125	(none)
43	Thin/Thick Shell	47	64	65	48	FC=250KG/CM2	1.2000	.125	(none)
44	Thin/Thick Shell	48	65	66	49	FC=250KG/CM2	1.2000	.125	(none)
45	Thin/Thick Shell	49	66	67	50	FC=250KG/CM2	1.2000	.125	(none)
46	Thin/Thick Shell	50	67	68	51	FC=250KG/CM2	1.2000	.125	(none)
47	Thin/Thick Shell	51	68	69	52	FC=250KG/CM2	1.2000	.125	(none)
48	Thin/Thick Shell	52	69	70	53	FC=250KG/CM2	1.2000	.125	(none)
49	Thin/Thick Shell	54	71	72	55	FC=250KG/CM2	1.2000	.125	(none)
50	Thin/Thick Shell	55	72	73	56	FC=250KG/CM2	1.2000	.125	(none)
51	Thin/Thick Shell	56	73	74	57	FC=250KG/CM2	1.2000	.125	(none)
52	Thin/Thick Shell	57	74	75	58	FC=250KG/CM2	1.2000	.125	(none)
53	Thin/Thick Shell	58	75	76	59	FC=250KG/CM2	1.2000	.125	(none)
54	Thin/Thick Shell	59	76	77	60	FC=250KG/CM2	1.2000	.125	(none)
55	Thin/Thick Shell	60	77	78	61	FC=250KG/CM2	1.2000	.125	(none)
56	Thin/Thick Shell	61	78	79	62	FC=250KG/CM2	1.2000	.125	(none)
57	Thin/Thick Shell	62	79	80	63	FC=250KG/CM2	1.2000	.125	(none)
58	Thin/Thick Shell	63	80	81	64	FC=250KG/CM2	1.2000	.125	(none)
59	Thin/Thick Shell	64	81	82	65	FC=250KG/CM2	1.2000	.125	(none)
60	Thin/Thick Shell	65	82	83	66	FC=250KG/CM2	1.2000	.125	(none)
61	Thin/Thick Shell	66	83	84	67	FC=250KG/CM2	1.2000	.125	(none)
62	Thin/Thick Shell	67	84	85	68	FC=250KG/CM2	1.2000	.125	(none)
63	Thin/Thick Shell	68	85	86	69	FC=250KG/CM2	1.2000	.125	(none)
64	Thin/Thick Shell	69	86	87	70	FC=250KG/CM2	1.2000	.125	(none)
65	Thin/Thick Shell	71	88	89	72	FC=250KG/CM2	1.2000	.125	(none)
66	Thin/Thick Shell	72	89	90	73	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
67	Thin/Thick Shell	73	90	91	74	FC=250KG/CM2	1.2000	.125	(none)
68	Thin/Thick Shell	74	91	92	75	FC=250KG/CM2	1.2000	.125	(none)
69	Thin/Thick Shell	75	92	93	76	FC=250KG/CM2	1.2000	.125	(none)
70	Thin/Thick Shell	76	93	94	77	FC=250KG/CM2	1.2000	.125	(none)
71	Thin/Thick Shell	77	94	95	78	FC=250KG/CM2	1.2000	.125	(none)
72	Thin/Thick Shell	78	95	96	79	FC=250KG/CM2	1.2000	.125	(none)
73	Thin/Thick Shell	79	96	97	80	FC=250KG/CM2	1.2000	.125	(none)
74	Thin/Thick Shell	80	97	98	81	FC=250KG/CM2	1.2000	.125	(none)
75	Thin/Thick Shell	81	98	99	82	FC=250KG/CM2	1.2000	.125	(none)
76	Thin/Thick Shell	82	99	100	83	FC=250KG/CM2	1.2000	.125	(none)
77	Thin/Thick Shell	83	100	101	84	FC=250KG/CM2	1.2000	.125	(none)
78	Thin/Thick Shell	84	101	102	85	FC=250KG/CM2	1.2000	.125	(none)
79	Thin/Thick Shell	85	102	103	86	FC=250KG/CM2	1.2000	.125	(none)
80	Thin/Thick Shell	86	103	104	87	FC=250KG/CM2	1.2000	.125	(none)
81	Thin/Thick Shell	88	105	106	89	FC=250KG/CM2	1.2000	.125	(none)
82	Thin/Thick Shell	89	106	107	90	FC=250KG/CM2	1.2000	.125	(none)
83	Thin/Thick Shell	90	107	108	91	FC=250KG/CM2	1.2000	.125	(none)
84	Thin/Thick Shell	91	108	109	92	FC=250KG/CM2	1.2000	.125	(none)
85	Thin/Thick Shell	92	109	110	93	FC=250KG/CM2	1.2000	.125	(none)
86	Thin/Thick Shell	93	110	111	94	FC=250KG/CM2	1.2000	.125	(none)
87	Thin/Thick Shell	94	111	112	95	FC=250KG/CM2	1.2000	.125	(none)
88	Thin/Thick Shell	95	112	113	96	FC=250KG/CM2	1.2000	.125	(none)
89	Thin/Thick Shell	96	113	114	97	FC=250KG/CM2	1.2000	.125	(none)
90	Thin/Thick Shell	97	114	115	98	FC=250KG/CM2	1.2000	.125	(none)
91	Thin/Thick Shell	98	115	116	99	FC=250KG/CM2	1.2000	.125	(none)
92	Thin/Thick Shell	99	116	117	100	FC=250KG/CM2	1.2000	.125	(none)
93	Thin/Thick Shell	100	117	118	101	FC=250KG/CM2	1.2000	.125	(none)
94	Thin/Thick Shell	101	118	119	102	FC=250KG/CM2	1.2000	.125	(none)
95	Thin/Thick Shell	102	119	120	103	FC=250KG/CM2	1.2000	.125	(none)
96	Thin/Thick Shell	103	120	121	104	FC=250KG/CM2	1.2000	.125	(none)
97	Thin/Thick Shell	106	122	123	106	FC=250KG/CM2	1.2000	.125	(none)
98	Thin/Thick Shell	106	123	124	107	FC=250KG/CM2	1.2000	.125	(none)
99	Thin/Thick Shell	107	124	125	108	FC=250KG/CM2	1.2000	.125	(none)
100	Thin/Thick Shell	108	125	126	109	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
101	Thin/Thick Shell	109	126	127	110	FC=250KG/CM2	1.2000	.125	(none)
102	Thin/Thick Shell	110	127	128	111	FC=250KG/CM2	1.2000	.125	(none)
103	Thin/Thick Shell	111	128	129	112	FC=250KG/CM2	1.2000	.125	(none)
104	Thin/Thick Shell	112	129	130	113	FC=250KG/CM2	1.2000	.125	(none)
105	Thin/Thick Shell	113	130	131	114	FC=250KG/CM2	1.2000	.125	(none)
106	Thin/Thick Shell	114	131	132	115	FC=250KG/CM2	1.2000	.125	(none)
107	Thin/Thick Shell	115	132	133	116	FC=250KG/CM2	1.2000	.125	(none)
108	Thin/Thick Shell	116	133	134	117	FC=250KG/CM2	1.2000	.125	(none)
109	Thin/Thick Shell	117	134	135	118	FC=250KG/CM2	1.2000	.125	(none)
110	Thin/Thick Shell	118	135	136	119	FC=250KG/CM2	1.2000	.125	(none)
111	Thin/Thick Shell	119	136	137	120	FC=250KG/CM2	1.2000	.125	(none)
112	Thin/Thick Shell	120	137	138	121	FC=250KG/CM2	1.2000	.125	(none)
113	Thin/Thick Shell	122	139	140	123	FC=250KG/CM2	1.2000	.125	(none)
114	Thin/Thick Shell	123	140	141	124	FC=250KG/CM2	1.2000	.125	(none)
115	Thin/Thick Shell	124	141	142	125	FC=250KG/CM2	1.2000	.125	(none)
116	Thin/Thick Shell	125	142	143	126	FC=250KG/CM2	1.2000	.125	(none)
117	Thin/Thick Shell	126	143	144	127	FC=250KG/CM2	1.2000	.125	(none)
118	Thin/Thick Shell	127	144	145	128	FC=250KG/CM2	1.2000	.125	(none)
119	Thin/Thick Shell	128	145	146	129	FC=250KG/CM2	1.2000	.125	(none)
120	Thin/Thick Shell	129	146	147	130	FC=250KG/CM2	1.2000	.125	(none)
121	Thin/Thick Shell	130	147	148	131	FC=250KG/CM2	1.2000	.125	(none)
122	Thin/Thick Shell	131	148	149	132	FC=250KG/CM2	1.2000	.125	(none)
123	Thin/Thick Shell	132	149	150	133	FC=250KG/CM2	1.2000	.125	(none)
124	Thin/Thick Shell	133	150	151	134	FC=250KG/CM2	1.2000	.125	(none)
125	Thin/Thick Shell	134	151	152	135	FC=250KG/CM2	1.2000	.125	(none)
126	Thin/Thick Shell	135	152	153	136	FC=250KG/CM2	1.2000	.125	(none)
127	Thin/Thick Shell	136	153	154	137	FC=250KG/CM2	1.2000	.125	(none)
128	Thin/Thick Shell	137	154	155	138	FC=250KG/CM2	1.2000	.125	(none)
129	Thin/Thick Shell	139	156	330	140	FC=250KG/CM2	1.2000	.125	(none)
130	Thin/Thick Shell	140	330	156	141	FC=250KG/CM2	1.2000	.125	(none)
131	Thin/Thick Shell	141	156	158	142	FC=250KG/CM2	1.2000	.125	(none)
132	Thin/Thick Shell	142	159	160	143	FC=250KG/CM2	1.2000	.125	(none)
133	Thin/Thick Shell	143	160	161	144	FC=250KG/CM2	1.2000	.125	(none)
134	Thin/Thick Shell	144	161	162	145	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
135	Thin/Thick Shell	145	162	163	146	FC=250KG/CM2	1.2000	.125	(none)
136	Thin/Thick Shell	146	163	164	147	FC=250KG/CM2	1.2000	.125	(none)
137	Thin/Thick Shell	147	164	165	148	FC=250KG/CM2	1.2000	.125	(none)
138	Thin/Thick Shell	148	165	166	149	FC=250KG/CM2	1.2000	.125	(none)
139	Thin/Thick Shell	149	166	167	150	FC=250KG/CM2	1.2000	.125	(none)
140	Thin/Thick Shell	150	167	168	151	FC=250KG/CM2	1.2000	.125	(none)
141	Thin/Thick Shell	151	168	169	152	FC=250KG/CM2	1.2000	.125	(none)
142	Thin/Thick Shell	152	169	170	153	FC=250KG/CM2	1.2000	.125	(none)
143	Thin/Thick Shell	153	170	171	154	FC=250KG/CM2	1.2000	.125	(none)
144	Thin/Thick Shell	154	171	172	155	FC=250KG/CM2	1.2000	.125	(none)
145	Thin/Thick Shell	158	173	174	330	FC=250KG/CM2	1.2000	.125	(none)
146	Thin/Thick Shell	330	174	175	158	FC=250KG/CM2	1.2000	.125	(none)
147	Thin/Thick Shell	158	175	176	159	FC=250KG/CM2	1.2000	.125	(none)
148	Thin/Thick Shell	159	176	177	160	FC=250KG/CM2	1.2000	.125	(none)
149	Thin/Thick Shell	160	177	178	161	FC=250KG/CM2	1.2000	.125	(none)
150	Thin/Thick Shell	161	178	179	162	FC=250KG/CM2	1.2000	.125	(none)
151	Thin/Thick Shell	162	179	180	163	FC=250KG/CM2	1.2000	.125	(none)
152	Thin/Thick Shell	163	180	181	164	FC=250KG/CM2	1.2000	.125	(none)
153	Thin/Thick Shell	164	181	182	165	FC=250KG/CM2	1.2000	.125	(none)
154	Thin/Thick Shell	165	182	183	166	FC=250KG/CM2	1.2000	.125	(none)
155	Thin/Thick Shell	166	183	184	167	FC=250KG/CM2	1.2000	.125	(none)
156	Thin/Thick Shell	167	184	185	168	FC=250KG/CM2	1.2000	.125	(none)
157	Thin/Thick Shell	168	185	186	169	FC=250KG/CM2	1.2000	.125	(none)
158	Thin/Thick Shell	169	186	187	170	FC=250KG/CM2	1.2000	.125	(none)
159	Thin/Thick Shell	170	187	188	171	FC=250KG/CM2	1.2000	.125	(none)
160	Thin/Thick Shell	171	188	189	172	FC=250KG/CM2	1.2000	.125	(none)
161	Thin/Thick Shell	173	190	191	174	FC=250KG/CM2	1.2000	.125	(none)
162	Thin/Thick Shell	174	191	192	175	FC=250KG/CM2	1.2000	.125	(none)
163	Thin/Thick Shell	175	192	193	176	FC=250KG/CM2	1.2000	.125	(none)
164	Thin/Thick Shell	176	193	194	177	FC=250KG/CM2	1.2000	.125	(none)
165	Thin/Thick Shell	177	194	195	178	FC=250KG/CM2	1.2000	.125	(none)
166	Thin/Thick Shell	178	195	196	179	FC=250KG/CM2	1.2000	.125	(none)
167	Thin/Thick Shell	179	196	197	180	FC=250KG/CM2	1.2000	.125	(none)
168	Thin/Thick Shell	180	197	198	181	FC=250KG/CM3	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
169	Thin/Thick Shell	181	196	186	182	FC=250KG/CM2	1.2000	125	(none)
170	Thin/Thick Shell	182	186	200	183	FC=250KG/CM2	1.2000	125	(none)
171	Thin/Thick Shell	183	200	201	184	FC=250KG/CM2	1.2000	125	(none)
172	Thin/Thick Shell	184	201	202	185	FC=250KG/CM2	1.2000	125	(none)
173	Thin/Thick Shell	185	202	203	186	FC=250KG/CM2	1.2000	125	(none)
174	Thin/Thick Shell	186	203	204	187	FC=250KG/CM2	1.2000	125	(none)
175	Thin/Thick Shell	187	204	205	188	FC=250KG/CM2	1.2000	125	(none)
176	Thin/Thick Shell	188	205	206	189	FC=250KG/CM2	1.2000	125	(none)
177	Thin/Thick Shell	190	207	208	191	FC=250KG/CM2	1.2000	125	(none)
178	Thin/Thick Shell	191	208	209	192	FC=250KG/CM2	1.2000	125	(none)
179	Thin/Thick Shell	192	209	210	193	FC=250KG/CM2	1.2000	125	(none)
180	Thin/Thick Shell	193	210	211	194	FC=250KG/CM2	1.2000	125	(none)
181	Thin/Thick Shell	194	211	212	195	FC=250KG/CM2	1.2000	125	(none)
182	Thin/Thick Shell	195	212	213	196	FC=250KG/CM2	1.2000	125	(none)
183	Thin/Thick Shell	196	213	214	197	FC=250KG/CM2	1.2000	125	(none)
184	Thin/Thick Shell	197	214	215	198	FC=250KG/CM2	1.2000	125	(none)
185	Thin/Thick Shell	198	215	216	199	FC=250KG/CM2	1.2000	125	(none)
186	Thin/Thick Shell	199	216	217	200	FC=250KG/CM2	1.2000	125	(none)
187	Thin/Thick Shell	200	217	218	201	FC=250KG/CM2	1.2000	125	(none)
188	Thin/Thick Shell	201	218	219	202	FC=250KG/CM2	1.2000	125	(none)
189	Thin/Thick Shell	202	219	220	203	FC=250KG/CM2	1.2000	125	(none)
190	Thin/Thick Shell	203	220	221	204	FC=250KG/CM2	1.2000	125	(none)
191	Thin/Thick Shell	204	221	222	205	FC=250KG/CM2	1.2000	125	(none)
192	Thin/Thick Shell	205	222	223	206	FC=250KG/CM2	1.2000	125	(none)
193	Thin/Thick Shell	207	224	225	208	FC=250KG/CM2	1.2000	125	(none)
194	Thin/Thick Shell	208	225	226	209	FC=250KG/CM2	1.2000	125	(none)
195	Thin/Thick Shell	209	226	227	210	FC=250KG/CM2	1.2000	125	(none)
196	Thin/Thick Shell	210	227	228	211	FC=250KG/CM2	1.2000	125	(none)
197	Thin/Thick Shell	211	228	229	212	FC=250KG/CM2	1.2000	125	(none)
198	Thin/Thick Shell	212	229	230	213	FC=250KG/CM2	1.2000	125	(none)
199	Thin/Thick Shell	213	230	231	214	FC=250KG/CM2	1.2000	125	(none)
200	Thin/Thick Shell	214	231	232	215	FC=250KG/CM2	1.2000	125	(none)
201	Thin/Thick Shell	215	232	233	216	FC=250KG/CM2	1.2000	125	(none)
202	Thin/Thick Shell	216	233	234	217	FC=250KG/CM2	1.2000	125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
203	Thin/Thick Shell	217	234	235	218	FC=250KG/CM2	1.2000	125	(none)
204	Thin/Thick Shell	218	235	236	219	FC=250KG/CM2	1.2000	125	(none)
205	Thin/Thick Shell	219	236	237	220	FC=250KG/CM2	1.2000	125	(none)
206	Thin/Thick Shell	220	237	238	221	FC=250KG/CM2	1.2000	125	(none)
207	Thin/Thick Shell	221	238	239	222	FC=250KG/CM2	1.2000	125	(none)
208	Thin/Thick Shell	222	239	240	223	FC=250KG/CM2	1.2000	125	(none)
209	Thin/Thick Shell	224	241	242	225	FC=250KG/CM2	1.2000	125	(none)
210	Thin/Thick Shell	225	242	243	226	FC=250KG/CM2	1.2000	125	(none)
211	Thin/Thick Shell	226	243	244	227	FC=250KG/CM2	1.2000	125	(none)
212	Thin/Thick Shell	227	244	245	228	FC=250KG/CM2	1.2000	125	(none)
213	Thin/Thick Shell	228	245	246	229	FC=250KG/CM2	1.2000	125	(none)
214	Thin/Thick Shell	229	246	247	230	FC=250KG/CM2	1.2000	125	(none)
215	Thin/Thick Shell	230	247	248	231	FC=250KG/CM2	1.2000	125	(none)
216	Thin/Thick Shell	231	248	249	232	FC=250KG/CM2	1.2000	125	(none)
217	Thin/Thick Shell	232	249	250	233	FC=250KG/CM2	1.2000	125	(none)
218	Thin/Thick Shell	233	250	251	234	FC=250KG/CM2	1.2000	125	(none)
219	Thin/Thick Shell	234	251	252	235	FC=250KG/CM2	1.2000	125	(none)
220	Thin/Thick Shell	235	252	253	236	FC=250KG/CM2	1.2000	125	(none)
221	Thin/Thick Shell	236	253	254	237	FC=250KG/CM2	1.2000	125	(none)
222	Thin/Thick Shell	237	254	255	238	FC=250KG/CM2	1.2000	125	(none)
223	Thin/Thick Shell	238	255	256	239	FC=250KG/CM2	1.2000	125	(none)
224	Thin/Thick Shell	239	256	257	240	FC=250KG/CM2	1.2000	125	(none)
225	Thin/Thick Shell	241	258	259	242	FC=250KG/CM2	1.2000	125	(none)
226	Thin/Thick Shell	242	259	260	243	FC=250KG/CM2	1.2000	125	(none)
227	Thin/Thick Shell	243	260	261	244	FC=250KG/CM2	1.2000	125	(none)
228	Thin/Thick Shell	244	261	262	245	FC=250KG/CM2	1.2000	125	(none)
229	Thin/Thick Shell	245	262	263	246	FC=250KG/CM2	1.2000	125	(none)
230	Thin/Thick Shell	246	263	264	247	FC=250KG/CM2	1.2000	125	(none)
231	Thin/Thick Shell	247	264	265	248	FC=250KG/CM2	1.2000	125	(none)
232	Thin/Thick Shell	248	265	266	249	FC=250KG/CM2	1.2000	125	(none)
233	Thin/Thick Shell	249	266	267	250	FC=250KG/CM2	1.2000	125	(none)
234	Thin/Thick Shell	250	267	268	251	FC=250KG/CM2	1.2000	125	(none)
235	Thin/Thick Shell	251	268	269	252	FC=250KG/CM2	1.2000	125	(none)
236	Thin/Thick Shell	252	269	270	253	FC=250KG/CM2	1.2000	125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
237	Thin/Thick Shell	253	270	271	254	FC=250KG/CM2	1.2000	.125	(none)
238	Thin/Thick Shell	254	271	272	255	FC=250KG/CM2	1.2000	.125	(none)
239	Thin/Thick Shell	255	272	273	256	FC=250KG/CM2	1.2000	.125	(none)
240	Thin/Thick Shell	256	273	274	257	FC=250KG/CM2	1.2000	.125	(none)
241	Thin/Thick Shell	258	275	276	259	FC=250KG/CM2	1.2000	.125	(none)
242	Thin/Thick Shell	259	276	277	260	FC=250KG/CM2	1.2000	.125	(none)
243	Thin/Thick Shell	260	277	278	261	FC=250KG/CM2	1.2000	.125	(none)
244	Thin/Thick Shell	261	278	279	262	FC=250KG/CM2	1.2000	.125	(none)
245	Thin/Thick Shell	262	279	280	263	FC=250KG/CM2	1.2000	.125	(none)
246	Thin/Thick Shell	263	280	281	264	FC=250KG/CM2	1.2000	.125	(none)
247	Thin/Thick Shell	264	281	282	265	FC=250KG/CM2	1.2000	.125	(none)
248	Thin/Thick Shell	265	282	283	266	FC=250KG/CM2	1.2000	.125	(none)
249	Thin/Thick Shell	266	283	284	267	FC=250KG/CM2	1.2000	.125	(none)
250	Thin/Thick Shell	267	284	285	268	FC=250KG/CM2	1.2000	.125	(none)
251	Thin/Thick Shell	268	285	286	269	FC=250KG/CM2	1.2000	.125	(none)
252	Thin/Thick Shell	269	286	287	270	FC=250KG/CM2	1.2000	.125	(none)
253	Thin/Thick Shell	270	287	288	271	FC=250KG/CM2	1.2000	.125	(none)
254	Thin/Thick Shell	271	288	289	272	FC=250KG/CM2	1.2000	.125	(none)
255	Thin/Thick Shell	272	289	290	273	FC=250KG/CM2	1.2000	.125	(none)
256	Thin/Thick Shell	273	290	291	274	FC=250KG/CM2	1.2000	.125	(none)
257	Thin/Thick Shell	275	292	293	276	FC=250KG/CM2	1.2000	.125	(none)
258	Thin/Thick Shell	276	293	294	277	FC=250KG/CM2	1.2000	.125	(none)
259	Thin/Thick Shell	277	294	295	278	FC=250KG/CM2	1.2000	.125	(none)
260	Thin/Thick Shell	278	295	296	279	FC=250KG/CM2	1.2000	.125	(none)
261	Thin/Thick Shell	279	296	297	280	FC=250KG/CM2	1.2000	.125	(none)
262	Thin/Thick Shell	280	297	298	281	FC=250KG/CM2	1.2000	.125	(none)
263	Thin/Thick Shell	281	298	299	282	FC=250KG/CM2	1.2000	.125	(none)
264	Thin/Thick Shell	282	299	300	283	FC=250KG/CM2	1.2000	.125	(none)
265	Thin/Thick Shell	283	300	301	284	FC=250KG/CM2	1.2000	.125	(none)
266	Thin/Thick Shell	284	301	302	285	FC=250KG/CM2	1.2000	.125	(none)
267	Thin/Thick Shell	285	302	303	286	FC=250KG/CM2	1.2000	.125	(none)
268	Thin/Thick Shell	286	303	304	287	FC=250KG/CM2	1.2000	.125	(none)
269	Thin/Thick Shell	287	304	305	288	FC=250KG/CM2	1.2000	.125	(none)
270	Thin/Thick Shell	288	305	306	289	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
271	Thin/Thick Shell	289	306	307	290	FC=250KG/CM2	1.2000	.125	(none)
272	Thin/Thick Shell	290	307	308	291	FC=250KG/CM2	1.2000	.125	(none)
273	Thin/Thick Shell	292	3	309	293	FC=250KG/CM2	1.2000	.125	(none)
274	Thin/Thick Shell	293	309	310	294	FC=250KG/CM2	1.2000	.125	(none)
275	Thin/Thick Shell	294	310	311	295	FC=250KG/CM2	1.2000	.125	(none)
276	Thin/Thick Shell	295	311	312	296	FC=250KG/CM2	1.2000	.125	(none)
277	Thin/Thick Shell	296	312	313	297	FC=250KG/CM2	1.2000	.125	(none)
278	Thin/Thick Shell	297	313	314	298	FC=250KG/CM2	1.2000	.125	(none)
279	Thin/Thick Shell	298	314	315	299	FC=250KG/CM2	1.2000	.125	(none)
280	Thin/Thick Shell	299	315	316	300	FC=250KG/CM2	1.2000	.125	(none)
281	Thin/Thick Shell	300	316	317	301	FC=250KG/CM2	1.2000	.125	(none)
282	Thin/Thick Shell	301	317	318	302	FC=250KG/CM2	1.2000	.125	(none)
283	Thin/Thick Shell	302	318	319	303	FC=250KG/CM2	1.2000	.125	(none)
284	Thin/Thick Shell	303	319	320	304	FC=250KG/CM2	1.2000	.125	(none)
285	Thin/Thick Shell	304	320	321	305	FC=250KG/CM2	1.2000	.125	(none)
286	Thin/Thick Shell	305	321	322	306	FC=250KG/CM2	1.2000	.125	(none)
287	Thin/Thick Shell	306	322	323	307	FC=250KG/CM2	1.2000	.125	(none)
288	Thin/Thick Shell	307	323	2	308	FC=250KG/CM2	1.2000	.125	(none)
289	Thin/Thick Shell	156	329	328	330	FC=250KG/CM2	0.8500	.43	(none)
290	Thin/Thick Shell	330	328	331	158	FC=250KG/CM2	0.8500	.43	(none)
291	Thin/Thick Shell	158	331	332	159	FC=250KG/CM2	0.8500	.43	(none)
292	Thin/Thick Shell	159	332	333	160	FC=250KG/CM2	0.8500	.43	(none)
293	Thin/Thick Shell	160	333	334	161	FC=250KG/CM2	0.8500	.43	(none)
294	Thin/Thick Shell	161	334	335	162	FC=250KG/CM2	0.8500	.43	(none)
295	Thin/Thick Shell	162	335	336	163	FC=250KG/CM2	0.8500	.43	(none)
296	Thin/Thick Shell	163	336	337	164	FC=250KG/CM2	0.8500	.43	(none)
297	Thin/Thick Shell	164	337	338	165	FC=250KG/CM2	0.8500	.43	(none)
298	Thin/Thick Shell	165	338	339	166	FC=250KG/CM2	0.8500	.43	(none)
299	Thin/Thick Shell	166	339	340	167	FC=250KG/CM2	0.8500	.43	(none)
300	Thin/Thick Shell	167	340	341	168	FC=250KG/CM2	0.8500	.43	(none)
301	Thin/Thick Shell	168	341	342	169	FC=250KG/CM2	0.8500	.43	(none)
302	Thin/Thick Shell	169	342	343	170	FC=250KG/CM2	0.8500	.43	(none)
303	Thin/Thick Shell	170	343	344	171	FC=250KG/CM2	0.8500	.43	(none)
304	Thin/Thick Shell	171	344	345	172	FC=250KG/CM2	0.8500	.43	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
305	Thin/Thick Shell	339	347	346	328	FC=250KG/CM2	0.8500	.43	(none)
306	Thin/Thick Shell	328	346	348	331	FC=250KG/CM2	0.8500	.43	(none)
307	Thin/Thick Shell	331	348	349	332	FC=250KG/CM2	0.8500	.43	(none)
308	Thin/Thick Shell	332	349	350	333	FC=250KG/CM2	0.8500	.43	(none)
309	Thin/Thick Shell	333	350	351	334	FC=250KG/CM2	0.8500	.43	(none)
310	Thin/Thick Shell	334	351	352	335	FC=250KG/CM2	0.8500	.43	(none)
311	Thin/Thick Shell	335	352	353	336	FC=250KG/CM2	0.8500	.43	(none)
312	Thin/Thick Shell	336	353	354	337	FC=250KG/CM2	0.8500	.43	(none)
313	Thin/Thick Shell	337	354	355	338	FC=250KG/CM2	0.8500	.43	(none)
314	Thin/Thick Shell	338	355	356	339	FC=250KG/CM2	0.8500	.43	(none)
315	Thin/Thick Shell	339	356	357	340	FC=250KG/CM2	0.8500	.43	(none)
316	Thin/Thick Shell	340	357	358	341	FC=250KG/CM2	0.8500	.43	(none)
317	Thin/Thick Shell	341	358	359	342	FC=250KG/CM2	0.8500	.43	(none)
318	Thin/Thick Shell	342	359	360	343	FC=250KG/CM2	0.8500	.43	(none)
319	Thin/Thick Shell	343	360	361	344	FC=250KG/CM2	0.8500	.43	(none)
320	Thin/Thick Shell	344	361	362	345	FC=250KG/CM2	0.8500	.43	(none)
321	Thin/Thick Shell	347	364	363	346	FC=250KG/CM2	0.8500	.43	(none)
323	Thin/Thick Shell	346	363	365	348	FC=250KG/CM2	0.8500	.43	(none)
323	Thin/Thick Shell	348	365	366	349	FC=250KG/CM2	0.8500	.43	(none)
324	Thin/Thick Shell	349	366	367	350	FC=250KG/CM2	0.8500	.43	(none)
325	Thin/Thick Shell	350	367	368	351	FC=250KG/CM2	0.8500	.43	(none)
326	Thin/Thick Shell	351	368	369	352	FC=250KG/CM2	0.8500	.43	(none)
327	Thin/Thick Shell	352	369	370	353	FC=250KG/CM2	0.8500	.43	(none)
328	Thin/Thick Shell	353	370	371	354	FC=250KG/CM2	0.8500	.43	(none)
329	Thin/Thick Shell	354	371	372	355	FC=250KG/CM2	0.8500	.43	(none)
330	Thin/Thick Shell	355	372	373	356	FC=250KG/CM2	0.8500	.43	(none)
331	Thin/Thick Shell	356	373	374	357	FC=250KG/CM2	0.8500	.43	(none)
332	Thin/Thick Shell	357	374	375	358	FC=250KG/CM2	0.8500	.43	(none)
333	Thin/Thick Shell	358	375	376	359	FC=250KG/CM2	0.8500	.43	(none)
334	Thin/Thick Shell	359	376	377	360	FC=250KG/CM2	0.8500	.43	(none)
335	Thin/Thick Shell	360	377	378	361	FC=250KG/CM2	0.8500	.43	(none)
336	Thin/Thick Shell	361	378	379	362	FC=250KG/CM2	0.8500	.43	(none)
337	Thin/Thick Shell	364	381	380	363	FC=250KG/CM2	0.8500	.43	(none)
338	Thin/Thick Shell	363	380	382	366	FC=250KG/CM2	0.8500	.43	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
339	Thin/Thick Shell	360	382	383	366	FC=250KG/CM2	0.8500	.43	(none)
340	Thin/Thick Shell	366	383	384	367	FC=250KG/CM2	0.8500	.43	(none)
341	Thin/Thick Shell	367	384	385	368	FC=250KG/CM2	0.8500	.43	(none)
342	Thin/Thick Shell	368	385	386	369	FC=250KG/CM2	0.8500	.43	(none)
343	Thin/Thick Shell	369	386	387	370	FC=250KG/CM2	0.8500	.43	(none)
344	Thin/Thick Shell	370	387	388	371	FC=250KG/CM2	0.8500	.43	(none)
345	Thin/Thick Shell	371	388	389	372	FC=250KG/CM2	0.8500	.43	(none)
346	Thin/Thick Shell	372	389	390	373	FC=250KG/CM2	0.8500	.43	(none)
347	Thin/Thick Shell	373	390	391	374	FC=250KG/CM2	0.8500	.43	(none)
348	Thin/Thick Shell	374	391	392	375	FC=250KG/CM2	0.8500	.43	(none)
349	Thin/Thick Shell	375	392	393	376	FC=250KG/CM2	0.8500	.43	(none)
350	Thin/Thick Shell	376	393	394	377	FC=250KG/CM2	0.8500	.43	(none)
351	Thin/Thick Shell	377	394	395	378	FC=250KG/CM2	0.8500	.43	(none)
352	Thin/Thick Shell	378	395	396	379	FC=250KG/CM2	0.8500	.43	(none)
353	Thin/Thick Shell	381	398	397	380	FC=250KG/CM2	0.8500	.43	(none)
354	Thin/Thick Shell	380	397	399	382	FC=250KG/CM2	0.8500	.43	(none)
355	Thin/Thick Shell	382	399	400	383	FC=250KG/CM2	0.8500	.43	(none)
356	Thin/Thick Shell	383	400	401	384	FC=250KG/CM2	0.8500	.43	(none)
357	Thin/Thick Shell	384	401	402	385	FC=250KG/CM2	0.8500	.43	(none)
358	Thin/Thick Shell	385	402	403	386	FC=250KG/CM2	0.8500	.43	(none)
359	Thin/Thick Shell	386	403	404	387	FC=250KG/CM2	0.8500	.43	(none)
360	Thin/Thick Shell	387	404	405	388	FC=250KG/CM2	0.8500	.43	(none)
361	Thin/Thick Shell	388	405	406	389	FC=250KG/CM2	0.8500	.43	(none)
362	Thin/Thick Shell	389	406	407	390	FC=250KG/CM2	0.8500	.43	(none)
363	Thin/Thick Shell	390	407	408	391	FC=250KG/CM2	0.8500	.43	(none)
364	Thin/Thick Shell	391	408	409	392	FC=250KG/CM2	0.8500	.43	(none)
365	Thin/Thick Shell	392	409	410	393	FC=250KG/CM2	0.8500	.43	(none)
366	Thin/Thick Shell	393	410	411	394	FC=250KG/CM2	0.8500	.43	(none)
367	Thin/Thick Shell	394	411	412	395	FC=250KG/CM2	0.8500	.43	(none)
368	Thin/Thick Shell	395	412	413	396	FC=250KG/CM2	0.8500	.43	(none)
369	Thin/Thick Shell	3	463	464	309	FC=250KG/CM2	1.2000	.125	(none)
370	Thin/Thick Shell	309	464	465	310	FC=250KG/CM2	1.2000	.125	(none)
371	Thin/Thick Shell	310	465	466	311	FC=250KG/CM2	1.2000	.125	(none)
372	Thin/Thick Shell	311	466	467	312	FC=250KG/CM2	1.2000	.125	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
373	Thin/Thick Shell	312	467	468	313	FC=250KG/CM2	1.2000	.125	(none)
374	Thin/Thick Shell	313	468	469	314	FC=250KG/CM2	1.2000	.125	(none)
375	Thin/Thick Shell	314	469	470	315	FC=250KG/CM2	1.2000	.125	(none)
376	Thin/Thick Shell	315	470	471	316	FC=250KG/CM2	1.2000	.125	(none)
377	Thin/Thick Shell	316	471	472	317	FC=250KG/CM2	1.2000	.125	(none)
378	Thin/Thick Shell	317	472	473	318	FC=250KG/CM2	1.2000	.125	(none)
379	Thin/Thick Shell	318	473	474	319	FC=250KG/CM2	1.2000	.125	(none)
380	Thin/Thick Shell	319	474	475	320	FC=250KG/CM2	1.2000	.125	(none)
381	Thin/Thick Shell	320	475	476	321	FC=250KG/CM2	1.2000	.125	(none)
382	Thin/Thick Shell	321	476	477	322	FC=250KG/CM2	1.2000	.125	(none)
383	Thin/Thick Shell	322	477	478	323	FC=250KG/CM2	1.2000	.125	(none)
384	Thin/Thick Shell	323	478	462	2	FC=250KG/CM2	1.2000	.125	(none)
385	Thin/Thick Shell	479	1	5	481	FC=250KG/CM2	1.2000	.125	(none)
386	Thin/Thick Shell	481	5	6	482	FC=250KG/CM2	1.2000	.125	(none)
387	Thin/Thick Shell	482	6	7	483	FC=250KG/CM2	1.2000	.125	(none)
388	Thin/Thick Shell	483	7	8	484	FC=250KG/CM2	1.2000	.125	(none)
389	Thin/Thick Shell	484	8	9	485	FC=250KG/CM2	1.2000	.125	(none)
390	Thin/Thick Shell	485	9	10	486	FC=250KG/CM2	1.2000	.125	(none)
391	Thin/Thick Shell	486	10	11	487	FC=250KG/CM2	1.2000	.125	(none)
392	Thin/Thick Shell	487	11	12	488	FC=250KG/CM2	1.2000	.125	(none)
393	Thin/Thick Shell	488	12	13	489	FC=250KG/CM2	1.2000	.125	(none)
394	Thin/Thick Shell	489	13	14	490	FC=250KG/CM2	1.2000	.125	(none)
395	Thin/Thick Shell	490	14	15	491	FC=250KG/CM2	1.2000	.125	(none)
396	Thin/Thick Shell	491	15	16	492	FC=250KG/CM2	1.2000	.125	(none)
397	Thin/Thick Shell	492	16	17	493	FC=250KG/CM2	1.2000	.125	(none)
398	Thin/Thick Shell	493	17	18	494	FC=250KG/CM2	1.2000	.125	(none)
399	Thin/Thick Shell	494	18	19	495	FC=250KG/CM2	1.2000	.125	(none)
400	Thin/Thick Shell	495	19	4	496	FC=250KG/CM2	1.2000	.125	(none)
401	Thin/Thick Shell	463	497	498	464	FC=250KG/CM2	1.2000	.1	(none)
402	Thin/Thick Shell	464	498	499	465	FC=250KG/CM2	1.2000	.1	(none)
403	Thin/Thick Shell	465	499	500	466	FC=250KG/CM2	1.2000	.1	(none)
404	Thin/Thick Shell	466	500	501	467	FC=250KG/CM2	1.2000	.1	(none)
405	Thin/Thick Shell	467	501	502	468	FC=250KG/CM2	1.2000	.1	(none)
406	Thin/Thick Shell	468	502	503	469	FC=250KG/CM2	1.2000	.1	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
407	Thin/Thick Shell	469	503	504	470	FC=250KG/CM2	1.2000	.1	(none)
408	Thin/Thick Shell	470	504	505	471	FC=250KG/CM2	1.2000	.1	(none)
409	Thin/Thick Shell	471	505	506	472	FC=250KG/CM2	1.2000	.1	(none)
410	Thin/Thick Shell	472	506	507	473	FC=250KG/CM2	1.2000	.1	(none)
411	Thin/Thick Shell	473	507	508	474	FC=250KG/CM2	1.2000	.1	(none)
412	Thin/Thick Shell	474	508	509	475	FC=250KG/CM2	1.2000	.1	(none)
413	Thin/Thick Shell	475	509	510	476	FC=250KG/CM2	1.2000	.1	(none)
414	Thin/Thick Shell	476	510	511	477	FC=250KG/CM2	1.2000	.1	(none)
415	Thin/Thick Shell	477	511	512	478	FC=250KG/CM2	1.2000	.1	(none)
416	Thin/Thick Shell	478	512	496	462	FC=250KG/CM2	1.2000	.1	(none)
417	Thin/Thick Shell	513	479	481	515	FC=250KG/CM2	1.2000	.1	(none)
418	Thin/Thick Shell	515	481	482	516	FC=250KG/CM2	1.2000	.1	(none)
419	Thin/Thick Shell	516	482	483	517	FC=250KG/CM2	1.2000	.1	(none)
420	Thin/Thick Shell	517	483	484	518	FC=250KG/CM2	1.2000	.1	(none)
421	Thin/Thick Shell	518	484	485	519	FC=250KG/CM2	1.2000	.1	(none)
422	Thin/Thick Shell	519	485	486	520	FC=250KG/CM2	1.2000	.1	(none)
423	Thin/Thick Shell	520	486	487	521	FC=250KG/CM2	1.2000	.1	(none)
424	Thin/Thick Shell	521	487	488	522	FC=250KG/CM2	1.2000	.1	(none)
425	Thin/Thick Shell	522	488	489	523	FC=250KG/CM2	1.2000	.1	(none)
426	Thin/Thick Shell	523	489	490	524	FC=250KG/CM2	1.2000	.1	(none)
427	Thin/Thick Shell	524	490	491	525	FC=250KG/CM2	1.2000	.1	(none)
428	Thin/Thick Shell	525	491	492	526	FC=250KG/CM2	1.2000	.1	(none)
429	Thin/Thick Shell	526	492	493	527	FC=250KG/CM2	1.2000	.1	(none)
430	Thin/Thick Shell	527	493	494	528	FC=250KG/CM2	1.2000	.1	(none)
431	Thin/Thick Shell	528	494	495	529	FC=250KG/CM2	1.2000	.1	(none)
432	Thin/Thick Shell	529	495	496	514	FC=250KG/CM2	1.2000	.1	(none)

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
FC=250KG/CM2	0.00	0.020	Cylinder	2,500.00	Normal	0.00	(NONE)	Yes

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinati	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loading	# of THA Initial
1	DL	Static	None	Active	0.0000	0.0000	-1.0000	No	Yes	0	0	32	0	0	0	0	0
2	DL-EARTH	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	0	0	512	0	0	0
3	LL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	2	0	32	0	0	0	0	0
4	CF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
5	LF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	0	0	0	0
6	W	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
7	WinLL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
8	EQ-T	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
9	EQ-L	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	0	0	0	0
10	EARTH	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	80	0	0	0
11	EARTH-SISMO	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	80	0	0	0

LOAD CASE DL: Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
5	Uniform Force	Global Z	-23.0500		0.0000	1.0000
6	Uniform Force	Global Z	-23.0500		0.0000	1.0000
7	Uniform Force	Global Z	-23.0500		0.0000	1.0000
8	Uniform Force	Global Z	-23.0500		0.0000	1.0000
9	Uniform Force	Global Z	-23.0500		0.0000	1.0000
10	Uniform Force	Global Z	-23.0500		0.0000	1.0000
11	Uniform Force	Global Z	-23.0500		0.0000	1.0000
12	Uniform Force	Global Z	-23.0500		0.0000	1.0000
13	Uniform Force	Global Z	-23.0500		0.0000	1.0000
14	Uniform Force	Global Z	-23.0500		0.0000	1.0000
15	Uniform Force	Global Z	-23.0500		0.0000	1.0000
16	Uniform Force	Global Z	-23.0500		0.0000	1.0000
17	Uniform Force	Global Z	-23.0500		0.0000	1.0000
18	Uniform Force	Global Z	-23.0500		0.0000	1.0000
19	Uniform Force	Global Z	-23.0500		0.0000	1.0000
20	Uniform Force	Global Z	-23.0500		0.0000	1.0000
5	Uniform Moment	Global X	2.8800		0.0000	1.0000

LOAD CASE DL: Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
6	Uniform Moment	Global X	2.8800		0.0000	1.0000
7	Uniform Moment	Global X	2.8800		0.0000	1.0000
8	Uniform Moment	Global X	2.8800		0.0000	1.0000
9	Uniform Moment	Global X	2.8800		0.0000	1.0000
10	Uniform Moment	Global X	2.8800		0.0000	1.0000
11	Uniform Moment	Global X	2.8800		0.0000	1.0000
12	Uniform Moment	Global X	2.8800		0.0000	1.0000
13	Uniform Moment	Global X	2.8800		0.0000	1.0000
14	Uniform Moment	Global X	2.8800		0.0000	1.0000
15	Uniform Moment	Global X	2.8800		0.0000	1.0000
16	Uniform Moment	Global X	2.8800		0.0000	1.0000
17	Uniform Moment	Global X	2.8800		0.0000	1.0000
18	Uniform Moment	Global X	2.8800		0.0000	1.0000
19	Uniform Moment	Global X	2.8800		0.0000	1.0000
20	Uniform Moment	Global X	2.8800		0.0000	1.0000

LOAD CASE DL-EARTH: Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/WL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
161	Uniform	Local x	0.0000			0.0000	0.0000
162	Uniform	Local x	0.0000			0.0000	0.0000
163	Uniform	Local x	0.0000			0.0000	0.0000
164	Uniform	Local x	0.0000			0.0000	0.0000
165	Uniform	Local x	0.0000			0.0000	0.0000
166	Uniform	Local x	0.0000			0.0000	0.0000
167	Uniform	Local x	0.0000			0.0000	0.0000
168	Uniform	Local x	0.0000			0.0000	0.0000
169	Uniform	Local x	0.0000			0.0000	0.0000
170	Uniform	Local x	0.0000			0.0000	0.0000
171	Uniform	Local x	0.0000			0.0000	0.0000
172	Uniform	Local x	0.0000			0.0000	0.0000
173	Uniform	Local x	0.0000			0.0000	0.0000
174	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
175	Uniform	Local x	0.0000			0.0000	0.0000
176	Uniform	Local x	0.0000			0.0000	0.0000
177	Uniform	Local x	0.0000			0.0000	0.0000
178	Uniform	Local x	0.0000			0.0000	0.0000
179	Uniform	Local x	0.0000			0.0000	0.0000
180	Uniform	Local x	0.0000			0.0000	0.0000
181	Uniform	Local x	0.0000			0.0000	0.0000
182	Uniform	Local x	0.0000			0.0000	0.0000
183	Uniform	Local x	0.0000			0.0000	0.0000
184	Uniform	Local x	0.0000			0.0000	0.0000
185	Uniform	Local x	0.0000			0.0000	0.0000
186	Uniform	Local x	0.0000			0.0000	0.0000
187	Uniform	Local x	0.0000			0.0000	0.0000
188	Uniform	Local x	0.0000			0.0000	0.0000
189	Uniform	Local x	0.0000			0.0000	0.0000
190	Uniform	Local x	0.0000			0.0000	0.0000
191	Uniform	Local x	0.0000			0.0000	0.0000
192	Uniform	Local x	0.0000			0.0000	0.0000
193	Uniform	Local x	0.0000			0.0000	0.0000
194	Uniform	Local x	0.0000			0.0000	0.0000
195	Uniform	Local x	0.0000			0.0000	0.0000
196	Uniform	Local x	0.0000			0.0000	0.0000
197	Uniform	Local x	0.0000			0.0000	0.0000
198	Uniform	Local x	0.0000			0.0000	0.0000
199	Uniform	Local x	0.0000			0.0000	0.0000
200	Uniform	Local x	0.0000			0.0000	0.0000
201	Uniform	Local x	0.0000			0.0000	0.0000
202	Uniform	Local x	0.0000			0.0000	0.0000
203	Uniform	Local x	0.0000			0.0000	0.0000
204	Uniform	Local x	0.0000			0.0000	0.0000
205	Uniform	Local x	0.0000			0.0000	0.0000
206	Uniform	Local x	0.0000			0.0000	0.0000
207	Uniform	Local x	0.0000			0.0000	0.0000
208	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
209	Uniform	Local x	0.0000			0.0000	0.0000
210	Uniform	Local x	0.0000			0.0000	0.0000
211	Uniform	Local x	0.0000			0.0000	0.0000
212	Uniform	Local x	0.0000			0.0000	0.0000
213	Uniform	Local x	0.0000			0.0000	0.0000
214	Uniform	Local x	0.0000			0.0000	0.0000
215	Uniform	Local x	0.0000			0.0000	0.0000
216	Uniform	Local x	0.0000			0.0000	0.0000
217	Uniform	Local x	0.0000			0.0000	0.0000
218	Uniform	Local x	0.0000			0.0000	0.0000
219	Uniform	Local x	0.0000			0.0000	0.0000
220	Uniform	Local x	0.0000			0.0000	0.0000
221	Uniform	Local x	0.0000			0.0000	0.0000
222	Uniform	Local x	0.0000			0.0000	0.0000
223	Uniform	Local x	0.0000			0.0000	0.0000
224	Uniform	Local x	0.0000			0.0000	0.0000
161	Uniform	Local x	0.0000			0.0000	0.0000
162	Uniform	Local x	0.0000			0.0000	0.0000
163	Uniform	Local x	0.0000			0.0000	0.0000
164	Uniform	Local x	0.0000			0.0000	0.0000
165	Uniform	Local x	0.0000			0.0000	0.0000
166	Uniform	Local x	0.0000			0.0000	0.0000
167	Uniform	Local x	0.0000			0.0000	0.0000
168	Uniform	Local x	0.0000			0.0000	0.0000
169	Uniform	Local x	0.0000			0.0000	0.0000
170	Uniform	Local x	0.0000			0.0000	0.0000
171	Uniform	Local x	0.0000			0.0000	0.0000
172	Uniform	Local x	0.0000			0.0000	0.0000
173	Uniform	Local x	0.0000			0.0000	0.0000
174	Uniform	Local x	0.0000			0.0000	0.0000
175	Uniform	Local x	0.0000			0.0000	0.0000
176	Uniform	Local x	0.0000			0.0000	0.0000
177	Uniform	Local x	0.0000			0.0000	0.0000
178	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
179	Uniform	Local x	0.0000			0.0000	0.0000
180	Uniform	Local x	0.0000			0.0000	0.0000
181	Uniform	Local x	0.0000			0.0000	0.0000
182	Uniform	Local x	0.0000			0.0000	0.0000
183	Uniform	Local x	0.0000			0.0000	0.0000
184	Uniform	Local x	0.0000			0.0000	0.0000
185	Uniform	Local x	0.0000			0.0000	0.0000
186	Uniform	Local x	0.0000			0.0000	0.0000
187	Uniform	Local x	0.0000			0.0000	0.0000
188	Uniform	Local x	0.0000			0.0000	0.0000
189	Uniform	Local x	0.0000			0.0000	0.0000
190	Uniform	Local x	0.0000			0.0000	0.0000
191	Uniform	Local x	0.0000			0.0000	0.0000
192	Uniform	Local x	0.0000			0.0000	0.0000
193	Uniform	Local x	0.0000			0.0000	0.0000
194	Uniform	Local x	0.0000			0.0000	0.0000
195	Uniform	Local x	0.0000			0.0000	0.0000
196	Uniform	Local x	0.0000			0.0000	0.0000
197	Uniform	Local x	0.0000			0.0000	0.0000
198	Uniform	Local x	0.0000			0.0000	0.0000
199	Uniform	Local x	0.0000			0.0000	0.0000
200	Uniform	Local x	0.0000			0.0000	0.0000
201	Uniform	Local x	0.0000			0.0000	0.0000
202	Uniform	Local x	0.0000			0.0000	0.0000
203	Uniform	Local x	0.0000			0.0000	0.0000
204	Uniform	Local x	0.0000			0.0000	0.0000
205	Uniform	Local x	0.0000			0.0000	0.0000
206	Uniform	Local x	0.0000			0.0000	0.0000
207	Uniform	Local x	0.0000			0.0000	0.0000
208	Uniform	Local x	0.0000			0.0000	0.0000
209	Uniform	Local x	0.0000			0.0000	0.0000
210	Uniform	Local x	0.0000			0.0000	0.0000
211	Uniform	Local x	0.0000			0.0000	0.0000
212	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
213	Uniform	Local x	0.0000			0.0000	0.0000
214	Uniform	Local x	0.0000			0.0000	0.0000
215	Uniform	Local x	0.0000			0.0000	0.0000
216	Uniform	Local x	0.0000			0.0000	0.0000
217	Uniform	Local x	0.0000			0.0000	0.0000
218	Uniform	Local x	0.0000			0.0000	0.0000
219	Uniform	Local x	0.0000			0.0000	0.0000
220	Uniform	Local x	0.0000			0.0000	0.0000
221	Uniform	Local x	0.0000			0.0000	0.0000
222	Uniform	Local x	0.0000			0.0000	0.0000
223	Uniform	Local x	0.0000			0.0000	0.0000
224	Uniform	Local x	0.0000			0.0000	0.0000
225	Uniform	Local x	0.0000			0.0000	0.0000
226	Uniform	Local x	0.0000			0.0000	0.0000
227	Uniform	Local x	0.0000			0.0000	0.0000
228	Uniform	Local x	0.0000			0.0000	0.0000
229	Uniform	Local x	0.0000			0.0000	0.0000
230	Uniform	Local x	0.0000			0.0000	0.0000
231	Uniform	Local x	0.0000			0.0000	0.0000
232	Uniform	Local x	0.0000			0.0000	0.0000
233	Uniform	Local x	0.0000			0.0000	0.0000
234	Uniform	Local x	0.0000			0.0000	0.0000
235	Uniform	Local x	0.0000			0.0000	0.0000
236	Uniform	Local x	0.0000			0.0000	0.0000
237	Uniform	Local x	0.0000			0.0000	0.0000
238	Uniform	Local x	0.0000			0.0000	0.0000
239	Uniform	Local x	0.0000			0.0000	0.0000
240	Uniform	Local x	0.0000			0.0000	0.0000
241	Uniform	Local x	0.0000			0.0000	0.0000
242	Uniform	Local x	0.0000			0.0000	0.0000
243	Uniform	Local x	0.0000			0.0000	0.0000
244	Uniform	Local x	0.0000			0.0000	0.0000
245	Uniform	Local x	0.0000			0.0000	0.0000
246	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
247	Uniform	Local x	0.0000			0.0000	0.0000
248	Uniform	Local x	0.0000			0.0000	0.0000
249	Uniform	Local x	0.0000			0.0000	0.0000
250	Uniform	Local x	0.0000			0.0000	0.0000
251	Uniform	Local x	0.0000			0.0000	0.0000
252	Uniform	Local x	0.0000			0.0000	0.0000
253	Uniform	Local x	0.0000			0.0000	0.0000
254	Uniform	Local x	0.0000			0.0000	0.0000
255	Uniform	Local x	0.0000			0.0000	0.0000
256	Uniform	Local x	0.0000			0.0000	0.0000
257	Uniform	Local x	0.0000			0.0000	0.0000
258	Uniform	Local x	0.0000			0.0000	0.0000
259	Uniform	Local x	0.0000			0.0000	0.0000
260	Uniform	Local x	0.0000			0.0000	0.0000
261	Uniform	Local x	0.0000			0.0000	0.0000
262	Uniform	Local x	0.0000			0.0000	0.0000
263	Uniform	Local x	0.0000			0.0000	0.0000
264	Uniform	Local x	0.0000			0.0000	0.0000
265	Uniform	Local x	0.0000			0.0000	0.0000
266	Uniform	Local x	0.0000			0.0000	0.0000
267	Uniform	Local x	0.0000			0.0000	0.0000
268	Uniform	Local x	0.0000			0.0000	0.0000
269	Uniform	Local x	0.0000			0.0000	0.0000
270	Uniform	Local x	0.0000			0.0000	0.0000
271	Uniform	Local x	0.0000			0.0000	0.0000
272	Uniform	Local x	0.0000			0.0000	0.0000
273	Uniform	Local x	0.0000			0.0000	0.0000
274	Uniform	Local x	0.0000			0.0000	0.0000
275	Uniform	Local x	0.0000			0.0000	0.0000
276	Uniform	Local x	0.0000			0.0000	0.0000
277	Uniform	Local x	0.0000			0.0000	0.0000
278	Uniform	Local x	0.0000			0.0000	0.0000
279	Uniform	Local x	0.0000			0.0000	0.0000
280	Uniform	Local x	0.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
281	Uniform	Local x	0.0000			0.0000	0.0000
282	Uniform	Local x	0.0000			0.0000	0.0000
283	Uniform	Local x	0.0000			0.0000	0.0000
284	Uniform	Local x	0.0000			0.0000	0.0000
285	Uniform	Local x	0.0000			0.0000	0.0000
286	Uniform	Local x	0.0000			0.0000	0.0000
287	Uniform	Local x	0.0000			0.0000	0.0000
288	Uniform	Local x	0.0000			0.0000	0.0000
161	Uniform	Global Z	-9.0000			0.0000	0.0000
162	Uniform	Global Z	-9.0000			0.0000	0.0000
163	Uniform	Global Z	-9.0000			0.0000	0.0000
164	Uniform	Global Z	-9.0000			0.0000	0.0000
165	Uniform	Global Z	-9.0000			0.0000	0.0000
166	Uniform	Global Z	-9.0000			0.0000	0.0000
167	Uniform	Global Z	-9.0000			0.0000	0.0000
168	Uniform	Global Z	-9.0000			0.0000	0.0000
169	Uniform	Global Z	-9.0000			0.0000	0.0000
170	Uniform	Global Z	-9.0000			0.0000	0.0000
171	Uniform	Global Z	-9.0000			0.0000	0.0000
172	Uniform	Global Z	-9.0000			0.0000	0.0000
173	Uniform	Global Z	-9.0000			0.0000	0.0000
174	Uniform	Global Z	-9.0000			0.0000	0.0000
175	Uniform	Global Z	-9.0000			0.0000	0.0000
176	Uniform	Global Z	-9.0000			0.0000	0.0000
177	Uniform	Global Z	-9.0000			0.0000	0.0000
178	Uniform	Global Z	-9.0000			0.0000	0.0000
179	Uniform	Global Z	-9.0000			0.0000	0.0000
180	Uniform	Global Z	-9.0000			0.0000	0.0000
181	Uniform	Global Z	-9.0000			0.0000	0.0000
182	Uniform	Global Z	-9.0000			0.0000	0.0000
183	Uniform	Global Z	-9.0000			0.0000	0.0000
184	Uniform	Global Z	-9.0000			0.0000	0.0000
185	Uniform	Global Z	-9.0000			0.0000	0.0000
186	Uniform	Global Z	-9.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
187	Uniform	Global Z	-9.0000			0.0000	0.0000
188	Uniform	Global Z	-9.0000			0.0000	0.0000
189	Uniform	Global Z	-9.0000			0.0000	0.0000
190	Uniform	Global Z	-9.0000			0.0000	0.0000
191	Uniform	Global Z	-9.0000			0.0000	0.0000
192	Uniform	Global Z	-9.0000			0.0000	0.0000
193	Uniform	Global Z	-9.0000			0.0000	0.0000
194	Uniform	Global Z	-9.0000			0.0000	0.0000
195	Uniform	Global Z	-9.0000			0.0000	0.0000
196	Uniform	Global Z	-9.0000			0.0000	0.0000
197	Uniform	Global Z	-9.0000			0.0000	0.0000
198	Uniform	Global Z	-9.0000			0.0000	0.0000
199	Uniform	Global Z	-9.0000			0.0000	0.0000
200	Uniform	Global Z	-9.0000			0.0000	0.0000
201	Uniform	Global Z	-9.0000			0.0000	0.0000
202	Uniform	Global Z	-9.0000			0.0000	0.0000
203	Uniform	Global Z	-9.0000			0.0000	0.0000
204	Uniform	Global Z	-9.0000			0.0000	0.0000
205	Uniform	Global Z	-9.0000			0.0000	0.0000
206	Uniform	Global Z	-9.0000			0.0000	0.0000
207	Uniform	Global Z	-9.0000			0.0000	0.0000
208	Uniform	Global Z	-9.0000			0.0000	0.0000
209	Uniform	Global Z	-9.0000			0.0000	0.0000
210	Uniform	Global Z	-9.0000			0.0000	0.0000
211	Uniform	Global Z	-9.0000			0.0000	0.0000
212	Uniform	Global Z	-9.0000			0.0000	0.0000
213	Uniform	Global Z	-9.0000			0.0000	0.0000
214	Uniform	Global Z	-9.0000			0.0000	0.0000
215	Uniform	Global Z	-9.0000			0.0000	0.0000
216	Uniform	Global Z	-9.0000			0.0000	0.0000
217	Uniform	Global Z	-9.0000			0.0000	0.0000
218	Uniform	Global Z	-9.0000			0.0000	0.0000
219	Uniform	Global Z	-9.0000			0.0000	0.0000
220	Uniform	Global Z	-9.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
221	Uniform	Global Z	-9.0000			0.0000	0.0000
222	Uniform	Global Z	-9.0000			0.0000	0.0000
223	Uniform	Global Z	-9.0000			0.0000	0.0000
224	Uniform	Global Z	-9.0000			0.0000	0.0000
225	Uniform	Global Z	-9.0000			0.0000	0.0000
226	Uniform	Global Z	-9.0000			0.0000	0.0000
227	Uniform	Global Z	-9.0000			0.0000	0.0000
228	Uniform	Global Z	-9.0000			0.0000	0.0000
229	Uniform	Global Z	-9.0000			0.0000	0.0000
230	Uniform	Global Z	-9.0000			0.0000	0.0000
231	Uniform	Global Z	-9.0000			0.0000	0.0000
232	Uniform	Global Z	-9.0000			0.0000	0.0000
233	Uniform	Global Z	-9.0000			0.0000	0.0000
234	Uniform	Global Z	-9.0000			0.0000	0.0000
235	Uniform	Global Z	-9.0000			0.0000	0.0000
236	Uniform	Global Z	-9.0000			0.0000	0.0000
237	Uniform	Global Z	-9.0000			0.0000	0.0000
238	Uniform	Global Z	-9.0000			0.0000	0.0000
239	Uniform	Global Z	-9.0000			0.0000	0.0000
240	Uniform	Global Z	-9.0000			0.0000	0.0000
241	Uniform	Global Z	-9.0000			0.0000	0.0000
242	Uniform	Global Z	-9.0000			0.0000	0.0000
243	Uniform	Global Z	-9.0000			0.0000	0.0000
244	Uniform	Global Z	-9.0000			0.0000	0.0000
245	Uniform	Global Z	-9.0000			0.0000	0.0000
246	Uniform	Global Z	-9.0000			0.0000	0.0000
247	Uniform	Global Z	-9.0000			0.0000	0.0000
248	Uniform	Global Z	-9.0000			0.0000	0.0000
249	Uniform	Global Z	-9.0000			0.0000	0.0000
250	Uniform	Global Z	-9.0000			0.0000	0.0000
251	Uniform	Global Z	-9.0000			0.0000	0.0000
252	Uniform	Global Z	-9.0000			0.0000	0.0000
253	Uniform	Global Z	-9.0000			0.0000	0.0000
254	Uniform	Global Z	-9.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
255	Uniform	Global Z	-9.0000			0.0000	0.0000
256	Uniform	Global Z	-9.0000			0.0000	0.0000
257	Uniform	Global Z	-9.0000			0.0000	0.0000
258	Uniform	Global Z	-9.0000			0.0000	0.0000
259	Uniform	Global Z	-9.0000			0.0000	0.0000
260	Uniform	Global Z	-9.0000			0.0000	0.0000
261	Uniform	Global Z	-9.0000			0.0000	0.0000
262	Uniform	Global Z	-9.0000			0.0000	0.0000
263	Uniform	Global Z	-9.0000			0.0000	0.0000
264	Uniform	Global Z	-9.0000			0.0000	0.0000
265	Uniform	Global Z	-9.0000			0.0000	0.0000
266	Uniform	Global Z	-9.0000			0.0000	0.0000
267	Uniform	Global Z	-9.0000			0.0000	0.0000
268	Uniform	Global Z	-9.0000			0.0000	0.0000
269	Uniform	Global Z	-9.0000			0.0000	0.0000
270	Uniform	Global Z	-9.0000			0.0000	0.0000
271	Uniform	Global Z	-9.0000			0.0000	0.0000
272	Uniform	Global Z	-9.0000			0.0000	0.0000
273	Uniform	Global Z	-9.0000			0.0000	0.0000
274	Uniform	Global Z	-9.0000			0.0000	0.0000
275	Uniform	Global Z	-9.0000			0.0000	0.0000
276	Uniform	Global Z	-9.0000			0.0000	0.0000
277	Uniform	Global Z	-9.0000			0.0000	0.0000
278	Uniform	Global Z	-9.0000			0.0000	0.0000
279	Uniform	Global Z	-9.0000			0.0000	0.0000
280	Uniform	Global Z	-9.0000			0.0000	0.0000
281	Uniform	Global Z	-9.0000			0.0000	0.0000
282	Uniform	Global Z	-9.0000			0.0000	0.0000
283	Uniform	Global Z	-9.0000			0.0000	0.0000
284	Uniform	Global Z	-9.0000			0.0000	0.0000
285	Uniform	Global Z	-9.0000			0.0000	0.0000
286	Uniform	Global Z	-9.0000			0.0000	0.0000
287	Uniform	Global Z	-9.0000			0.0000	0.0000
288	Uniform	Global Z	-9.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
1	Uniform	Global Z	-1.4400			0.0000	0.0000
2	Uniform	Global Z	-1.4400			0.0000	0.0000
3	Uniform	Global Z	-1.4400			0.0000	0.0000
4	Uniform	Global Z	-1.4400			0.0000	0.0000
5	Uniform	Global Z	-1.4400			0.0000	0.0000
6	Uniform	Global Z	-1.4400			0.0000	0.0000
7	Uniform	Global Z	-1.4400			0.0000	0.0000
8	Uniform	Global Z	-1.4400			0.0000	0.0000
9	Uniform	Global Z	-1.4400			0.0000	0.0000
10	Uniform	Global Z	-1.4400			0.0000	0.0000
11	Uniform	Global Z	-1.4400			0.0000	0.0000
12	Uniform	Global Z	-1.4400			0.0000	0.0000
13	Uniform	Global Z	-1.4400			0.0000	0.0000
14	Uniform	Global Z	-1.4400			0.0000	0.0000
15	Uniform	Global Z	-1.4400			0.0000	0.0000
16	Uniform	Global Z	-1.4400			0.0000	0.0000
17	Uniform	Global Z	-1.4400			0.0000	0.0000
18	Uniform	Global Z	-1.4400			0.0000	0.0000
19	Uniform	Global Z	-1.4400			0.0000	0.0000
20	Uniform	Global Z	-1.4400			0.0000	0.0000
21	Uniform	Global Z	-1.4400			0.0000	0.0000
22	Uniform	Global Z	-1.4400			0.0000	0.0000
23	Uniform	Global Z	-1.4400			0.0000	0.0000
24	Uniform	Global Z	-1.4400			0.0000	0.0000
25	Uniform	Global Z	-1.4400			0.0000	0.0000
26	Uniform	Global Z	-1.4400			0.0000	0.0000
27	Uniform	Global Z	-1.4400			0.0000	0.0000
28	Uniform	Global Z	-1.4400			0.0000	0.0000
29	Uniform	Global Z	-1.4400			0.0000	0.0000
30	Uniform	Global Z	-1.4400			0.0000	0.0000
31	Uniform	Global Z	-1.4400			0.0000	0.0000
32	Uniform	Global Z	-1.4400			0.0000	0.0000
33	Uniform	Global Z	-1.4400			0.0000	0.0000
34	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/SL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
35	Uniform	Global Z	-1.4400			0.0000	0.0000
36	Uniform	Global Z	-1.4400			0.0000	0.0000
37	Uniform	Global Z	-1.4400			0.0000	0.0000
38	Uniform	Global Z	-1.4400			0.0000	0.0000
39	Uniform	Global Z	-1.4400			0.0000	0.0000
40	Uniform	Global Z	-1.4400			0.0000	0.0000
41	Uniform	Global Z	-1.4400			0.0000	0.0000
42	Uniform	Global Z	-1.4400			0.0000	0.0000
43	Uniform	Global Z	-1.4400			0.0000	0.0000
44	Uniform	Global Z	-1.4400			0.0000	0.0000
45	Uniform	Global Z	-1.4400			0.0000	0.0000
46	Uniform	Global Z	-1.4400			0.0000	0.0000
47	Uniform	Global Z	-1.4400			0.0000	0.0000
48	Uniform	Global Z	-1.4400			0.0000	0.0000
49	Uniform	Global Z	-1.4400			0.0000	0.0000
50	Uniform	Global Z	-1.4400			0.0000	0.0000
51	Uniform	Global Z	-1.4400			0.0000	0.0000
52	Uniform	Global Z	-1.4400			0.0000	0.0000
53	Uniform	Global Z	-1.4400			0.0000	0.0000
54	Uniform	Global Z	-1.4400			0.0000	0.0000
55	Uniform	Global Z	-1.4400			0.0000	0.0000
56	Uniform	Global Z	-1.4400			0.0000	0.0000
57	Uniform	Global Z	-1.4400			0.0000	0.0000
58	Uniform	Global Z	-1.4400			0.0000	0.0000
59	Uniform	Global Z	-1.4400			0.0000	0.0000
60	Uniform	Global Z	-1.4400			0.0000	0.0000
61	Uniform	Global Z	-1.4400			0.0000	0.0000
62	Uniform	Global Z	-1.4400			0.0000	0.0000
63	Uniform	Global Z	-1.4400			0.0000	0.0000
64	Uniform	Global Z	-1.4400			0.0000	0.0000
65	Uniform	Global Z	-1.4400			0.0000	0.0000
66	Uniform	Global Z	-1.4400			0.0000	0.0000
67	Uniform	Global Z	-1.4400			0.0000	0.0000
68	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/SL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
69	Uniform	Global Z	-1.4400			0.0000	0.0000
70	Uniform	Global Z	-1.4400			0.0000	0.0000
71	Uniform	Global Z	-1.4400			0.0000	0.0000
72	Uniform	Global Z	-1.4400			0.0000	0.0000
73	Uniform	Global Z	-1.4400			0.0000	0.0000
74	Uniform	Global Z	-1.4400			0.0000	0.0000
75	Uniform	Global Z	-1.4400			0.0000	0.0000
76	Uniform	Global Z	-1.4400			0.0000	0.0000
77	Uniform	Global Z	-1.4400			0.0000	0.0000
78	Uniform	Global Z	-1.4400			0.0000	0.0000
79	Uniform	Global Z	-1.4400			0.0000	0.0000
80	Uniform	Global Z	-1.4400			0.0000	0.0000
81	Uniform	Global Z	-1.4400			0.0000	0.0000
82	Uniform	Global Z	-1.4400			0.0000	0.0000
83	Uniform	Global Z	-1.4400			0.0000	0.0000
84	Uniform	Global Z	-1.4400			0.0000	0.0000
85	Uniform	Global Z	-1.4400			0.0000	0.0000
86	Uniform	Global Z	-1.4400			0.0000	0.0000
87	Uniform	Global Z	-1.4400			0.0000	0.0000
88	Uniform	Global Z	-1.4400			0.0000	0.0000
89	Uniform	Global Z	-1.4400			0.0000	0.0000
90	Uniform	Global Z	-1.4400			0.0000	0.0000
91	Uniform	Global Z	-1.4400			0.0000	0.0000
92	Uniform	Global Z	-1.4400			0.0000	0.0000
93	Uniform	Global Z	-1.4400			0.0000	0.0000
94	Uniform	Global Z	-1.4400			0.0000	0.0000
95	Uniform	Global Z	-1.4400			0.0000	0.0000
96	Uniform	Global Z	-1.4400			0.0000	0.0000
97	Uniform	Global Z	-1.4400			0.0000	0.0000
98	Uniform	Global Z	-1.4400			0.0000	0.0000
99	Uniform	Global Z	-1.4400			0.0000	0.0000
100	Uniform	Global Z	-1.4400			0.0000	0.0000
101	Uniform	Global Z	-1.4400			0.0000	0.0000
102	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
103	Uniform	Global Z	-1.4400			0.0000	0.0000
104	Uniform	Global Z	-1.4400			0.0000	0.0000
105	Uniform	Global Z	-1.4400			0.0000	0.0000
106	Uniform	Global Z	-1.4400			0.0000	0.0000
107	Uniform	Global Z	-1.4400			0.0000	0.0000
108	Uniform	Global Z	-1.4400			0.0000	0.0000
109	Uniform	Global Z	-1.4400			0.0000	0.0000
110	Uniform	Global Z	-1.4400			0.0000	0.0000
111	Uniform	Global Z	-1.4400			0.0000	0.0000
112	Uniform	Global Z	-1.4400			0.0000	0.0000
113	Uniform	Global Z	-1.4400			0.0000	0.0000
114	Uniform	Global Z	-1.4400			0.0000	0.0000
115	Uniform	Global Z	-1.4400			0.0000	0.0000
116	Uniform	Global Z	-1.4400			0.0000	0.0000
117	Uniform	Global Z	-1.4400			0.0000	0.0000
118	Uniform	Global Z	-1.4400			0.0000	0.0000
119	Uniform	Global Z	-1.4400			0.0000	0.0000
120	Uniform	Global Z	-1.4400			0.0000	0.0000
121	Uniform	Global Z	-1.4400			0.0000	0.0000
122	Uniform	Global Z	-1.4400			0.0000	0.0000
123	Uniform	Global Z	-1.4400			0.0000	0.0000
124	Uniform	Global Z	-1.4400			0.0000	0.0000
125	Uniform	Global Z	-1.4400			0.0000	0.0000
126	Uniform	Global Z	-1.4400			0.0000	0.0000
127	Uniform	Global Z	-1.4400			0.0000	0.0000
128	Uniform	Global Z	-1.4400			0.0000	0.0000
369	Uniform	Global Z	-6.0000			0.0000	0.0000
370	Uniform	Global Z	-6.0000			0.0000	0.0000
371	Uniform	Global Z	-6.0000			0.0000	0.0000
372	Uniform	Global Z	-6.0000			0.0000	0.0000
373	Uniform	Global Z	-6.0000			0.0000	0.0000
374	Uniform	Global Z	-6.0000			0.0000	0.0000
375	Uniform	Global Z	-6.0000			0.0000	0.0000
376	Uniform	Global Z	-6.0000			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
377	Uniform	Global Z	-6.0000			0.0000	0.0000
378	Uniform	Global Z	-6.0000			0.0000	0.0000
379	Uniform	Global Z	-6.0000			0.0000	0.0000
380	Uniform	Global Z	-6.0000			0.0000	0.0000
381	Uniform	Global Z	-6.0000			0.0000	0.0000
382	Uniform	Global Z	-6.0000			0.0000	0.0000
383	Uniform	Global Z	-6.0000			0.0000	0.0000
384	Uniform	Global Z	-6.0000			0.0000	0.0000
385	Uniform	Global Z	-1.4400			0.0000	0.0000
386	Uniform	Global Z	-1.4400			0.0000	0.0000
387	Uniform	Global Z	-1.4400			0.0000	0.0000
388	Uniform	Global Z	-1.4400			0.0000	0.0000
389	Uniform	Global Z	-1.4400			0.0000	0.0000
390	Uniform	Global Z	-1.4400			0.0000	0.0000
391	Uniform	Global Z	-1.4400			0.0000	0.0000
392	Uniform	Global Z	-1.4400			0.0000	0.0000
393	Uniform	Global Z	-1.4400			0.0000	0.0000
394	Uniform	Global Z	-1.4400			0.0000	0.0000
395	Uniform	Global Z	-1.4400			0.0000	0.0000
396	Uniform	Global Z	-1.4400			0.0000	0.0000
397	Uniform	Global Z	-1.4400			0.0000	0.0000
398	Uniform	Global Z	-1.4400			0.0000	0.0000
399	Uniform	Global Z	-1.4400			0.0000	0.0000
400	Uniform	Global Z	-1.4400			0.0000	0.0000
417	Uniform	Global Z	-1.4400			0.0000	0.0000
418	Uniform	Global Z	-1.4400			0.0000	0.0000
419	Uniform	Global Z	-1.4400			0.0000	0.0000
420	Uniform	Global Z	-1.4400			0.0000	0.0000
421	Uniform	Global Z	-1.4400			0.0000	0.0000
422	Uniform	Global Z	-1.4400			0.0000	0.0000
423	Uniform	Global Z	-1.4400			0.0000	0.0000
424	Uniform	Global Z	-1.4400			0.0000	0.0000
425	Uniform	Global Z	-1.4400			0.0000	0.0000
426	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/TL)	Relative Y Location (x/TL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
427	Uniform	Global Z	-1.4400			0.0000	0.0000
428	Uniform	Global Z	-1.4400			0.0000	0.0000
429	Uniform	Global Z	-1.4400			0.0000	0.0000
430	Uniform	Global Z	-1.4400			0.0000	0.0000
431	Uniform	Global Z	-1.4400			0.0000	0.0000
432	Uniform	Global Z	-1.4400			0.0000	0.0000
401	Uniform	Global Z	-9.0000			0.0000	0.0000
402	Uniform	Global Z	-9.0000			0.0000	0.0000
403	Uniform	Global Z	-9.0000			0.0000	0.0000
404	Uniform	Global Z	-9.0000			0.0000	0.0000
405	Uniform	Global Z	-9.0000			0.0000	0.0000
406	Uniform	Global Z	-9.0000			0.0000	0.0000
407	Uniform	Global Z	-9.0000			0.0000	0.0000
408	Uniform	Global Z	-9.0000			0.0000	0.0000
409	Uniform	Global Z	-9.0000			0.0000	0.0000
410	Uniform	Global Z	-9.0000			0.0000	0.0000
411	Uniform	Global Z	-9.0000			0.0000	0.0000
412	Uniform	Global Z	-9.0000			0.0000	0.0000
413	Uniform	Global Z	-9.0000			0.0000	0.0000
414	Uniform	Global Z	-9.0000			0.0000	0.0000
415	Uniform	Global Z	-9.0000			0.0000	0.0000
416	Uniform	Global Z	-9.0000			0.0000	0.0000

LOAD CASE LL, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
5	Uniform Force	Global Z	-12.1250		0.0000	1.0000
6	Uniform Force	Global Z	-12.1250		0.0000	1.0000
7	Uniform Force	Global Z	-12.1250		0.0000	1.0000
8	Uniform Force	Global Z	-12.1250		0.0000	1.0000
9	Uniform Force	Global Z	-12.1250		0.0000	1.0000
10	Uniform Force	Global Z	-12.1250		0.0000	1.0000
11	Uniform Force	Global Z	-12.1250		0.0000	1.0000

LOAD CASE LL, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
12	Uniform Force	Global Z	-12.1250		0.0000	1.0000
13	Uniform Force	Global Z	-12.1250		0.0000	1.0000
14	Uniform Force	Global Z	-12.1250		0.0000	1.0000
15	Uniform Force	Global Z	-12.1250		0.0000	1.0000
16	Uniform Force	Global Z	-12.1250		0.0000	1.0000
17	Uniform Force	Global Z	-12.1250		0.0000	1.0000
18	Uniform Force	Global Z	-12.1250		0.0000	1.0000
19	Uniform Force	Global Z	-12.1250		0.0000	1.0000
20	Uniform Force	Global Z	-12.1250		0.0000	1.0000
5	Uniform Moment	Global X	1.5156		0.0000	1.0000
6	Uniform Moment	Global X	1.5156		0.0000	1.0000
7	Uniform Moment	Global X	1.5156		0.0000	1.0000
8	Uniform Moment	Global X	1.5156		0.0000	1.0000
9	Uniform Moment	Global X	1.5156		0.0000	1.0000
10	Uniform Moment	Global X	1.5156		0.0000	1.0000
11	Uniform Moment	Global X	1.5156		0.0000	1.0000
12	Uniform Moment	Global X	1.5156		0.0000	1.0000
13	Uniform Moment	Global X	1.5156		0.0000	1.0000
14	Uniform Moment	Global X	1.5156		0.0000	1.0000
15	Uniform Moment	Global X	1.5156		0.0000	1.0000
16	Uniform Moment	Global X	1.5156		0.0000	1.0000
17	Uniform Moment	Global X	1.5156		0.0000	1.0000
18	Uniform Moment	Global X	1.5156		0.0000	1.0000
19	Uniform Moment	Global X	1.5156		0.0000	1.0000
20	Uniform Moment	Global X	1.5156		0.0000	1.0000

LOAD CASE LL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
399	0.0000	0.0000	17.0000	0.0000	0.0000	0.0000
411	0.0000	0.0000	-17.0000	0.0000	0.0000	0.0000

LOAD CASE CF, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	40.9000	0.0000	0.0000	0.0000	0.0000	0.0000
399	0.0000	0.0000	25.5000	0.0000	0.0000	0.0000
411	0.0000	0.0000	-25.5000	0.0000	0.0000	0.0000

LOAD CASE LF, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	0.0000	-4.9000	0.0000	18.3280	0.0000	0.0000

LOAD CASE W, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	12.9000	-3.1000	0.0000	5.0830	0.0000	0.0000
399	0.0000	0.0000	3.5045	0.0000	0.0000	0.0000
411	0.0000	0.0000	-3.5045	0.0000	0.0000	0.0000

LOAD CASE WonLL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	3.1000	-1.3000	0.0000	4.8620	0.0000	0.0000
399	0.0000	0.0000	1.8300	0.0000	0.0000	0.0000
411	0.0000	0.0000	-1.8300	0.0000	0.0000	0.0000

LOAD CASE EQ-T, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	29.8000	0.0000	0.0000	0.0000	0.0000	0.0000
399	0.0000	0.0000	4.6800	0.0000	0.0000	0.0000
411	0.0000	0.0000	-4.6800	0.0000	0.0000	0.0000

LOAD CASE EQ-L, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	0.0000	-29.8000	0.0000	28.3200	0.0000	0.0000

LOAD CASE EARTH, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	0.0000	-14.1360	0.0000	10.6858	0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
289	Uniform	Global Y	-0.8200			0.0000	0.0000
290	Uniform	Global Y	-0.8200			0.0000	0.0000
291	Uniform	Global Y	-0.8200			0.0000	0.0000
292	Uniform	Global Y	-0.8200			0.0000	0.0000
293	Uniform	Global Y	-0.8200			0.0000	0.0000
294	Uniform	Global Y	-0.8200			0.0000	0.0000
295	Uniform	Global Y	-0.8200			0.0000	0.0000
296	Uniform	Global Y	-0.8200			0.0000	0.0000
297	Uniform	Global Y	-0.8200			0.0000	0.0000
298	Uniform	Global Y	-0.8200			0.0000	0.0000
299	Uniform	Global Y	-0.8200			0.0000	0.0000
300	Uniform	Global Y	-0.8200			0.0000	0.0000
301	Uniform	Global Y	-0.8200			0.0000	0.0000
302	Uniform	Global Y	-0.8200			0.0000	0.0000
303	Uniform	Global Y	-0.8200			0.0000	0.0000
304	Uniform	Global Y	-0.8200			0.0000	0.0000
305	Uniform	Global Y	-0.3100			0.0000	0.0000
306	Uniform	Global Y	-0.3100			0.0000	0.0000
307	Uniform	Global Y	-0.3100			0.0000	0.0000
308	Uniform	Global Y	-0.3100			0.0000	0.0000
309	Uniform	Global Y	-0.3100			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
310	Uniform	Global Y	-3.3100			0.0000	0.0000
311	Uniform	Global Y	-3.3100			0.0000	0.0000
312	Uniform	Global Y	-3.3100			0.0000	0.0000
313	Uniform	Global Y	-3.3100			0.0000	0.0000
314	Uniform	Global Y	-3.3100			0.0000	0.0000
315	Uniform	Global Y	-3.3100			0.0000	0.0000
316	Uniform	Global Y	-3.3100			0.0000	0.0000
317	Uniform	Global Y	-3.3100			0.0000	0.0000
318	Uniform	Global Y	-3.3100			0.0000	0.0000
319	Uniform	Global Y	-3.3100			0.0000	0.0000
320	Uniform	Global Y	-3.3100			0.0000	0.0000
321	Uniform	Global Y	-2.7900			0.0000	0.0000
322	Uniform	Global Y	-2.7900			0.0000	0.0000
323	Uniform	Global Y	-2.7900			0.0000	0.0000
324	Uniform	Global Y	-2.7900			0.0000	0.0000
325	Uniform	Global Y	-2.7900			0.0000	0.0000
326	Uniform	Global Y	-2.7900			0.0000	0.0000
327	Uniform	Global Y	-2.7900			0.0000	0.0000
328	Uniform	Global Y	-2.7900			0.0000	0.0000
329	Uniform	Global Y	-2.7900			0.0000	0.0000
330	Uniform	Global Y	-2.7900			0.0000	0.0000
331	Uniform	Global Y	-2.7900			0.0000	0.0000
332	Uniform	Global Y	-2.7900			0.0000	0.0000
333	Uniform	Global Y	-2.7900			0.0000	0.0000
334	Uniform	Global Y	-2.7900			0.0000	0.0000
335	Uniform	Global Y	-2.7900			0.0000	0.0000
336	Uniform	Global Y	-2.7900			0.0000	0.0000
337	Uniform	Global Y	-2.2700			0.0000	0.0000
338	Uniform	Global Y	-2.2700			0.0000	0.0000
339	Uniform	Global Y	-2.2700			0.0000	0.0000
340	Uniform	Global Y	-2.2700			0.0000	0.0000
341	Uniform	Global Y	-2.2700			0.0000	0.0000
342	Uniform	Global Y	-2.2700			0.0000	0.0000
343	Uniform	Global Y	-2.2700			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
344	Uniform	Global Y	-2.2700			0.0000	0.0000
345	Uniform	Global Y	-2.2700			0.0000	0.0000
346	Uniform	Global Y	-2.2700			0.0000	0.0000
347	Uniform	Global Y	-2.2700			0.0000	0.0000
348	Uniform	Global Y	-2.2700			0.0000	0.0000
349	Uniform	Global Y	-2.2700			0.0000	0.0000
350	Uniform	Global Y	-2.2700			0.0000	0.0000
351	Uniform	Global Y	-2.2700			0.0000	0.0000
352	Uniform	Global Y	-2.2700			0.0000	0.0000
353	Uniform	Global Y	-1.7600			0.0000	0.0000
354	Uniform	Global Y	-1.7600			0.0000	0.0000
355	Uniform	Global Y	-1.7600			0.0000	0.0000
356	Uniform	Global Y	-1.7600			0.0000	0.0000
357	Uniform	Global Y	-1.7600			0.0000	0.0000
358	Uniform	Global Y	-1.7600			0.0000	0.0000
359	Uniform	Global Y	-1.7600			0.0000	0.0000
360	Uniform	Global Y	-1.7600			0.0000	0.0000
361	Uniform	Global Y	-1.7600			0.0000	0.0000
362	Uniform	Global Y	-1.7600			0.0000	0.0000
363	Uniform	Global Y	-1.7600			0.0000	0.0000
364	Uniform	Global Y	-1.7600			0.0000	0.0000
365	Uniform	Global Y	-1.7600			0.0000	0.0000
366	Uniform	Global Y	-1.7600			0.0000	0.0000
367	Uniform	Global Y	-1.7600			0.0000	0.0000
368	Uniform	Global Y	-1.7600			0.0000	0.0000

LOAD CASE EARTH-SISMO, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
405	0.0000	-15.8913	0.0000	12.3106	0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
289	Uniform	Global Y	-4.2400			0.0000	0.0000
290	Uniform	Global Y	-4.2400			0.0000	0.0000
291	Uniform	Global Y	-4.2400			0.0000	0.0000
292	Uniform	Global Y	-4.2400			0.0000	0.0000
293	Uniform	Global Y	-4.2400			0.0000	0.0000
294	Uniform	Global Y	-4.2400			0.0000	0.0000
295	Uniform	Global Y	-4.2400			0.0000	0.0000
296	Uniform	Global Y	-4.2400			0.0000	0.0000
297	Uniform	Global Y	-4.2400			0.0000	0.0000
298	Uniform	Global Y	-4.2400			0.0000	0.0000
299	Uniform	Global Y	-4.2400			0.0000	0.0000
300	Uniform	Global Y	-4.2400			0.0000	0.0000
301	Uniform	Global Y	-4.2400			0.0000	0.0000
302	Uniform	Global Y	-4.2400			0.0000	0.0000
303	Uniform	Global Y	-4.2400			0.0000	0.0000
304	Uniform	Global Y	-4.2400			0.0000	0.0000
305	Uniform	Global Y	-3.6700			0.0000	0.0000
306	Uniform	Global Y	-3.6700			0.0000	0.0000
307	Uniform	Global Y	-3.6700			0.0000	0.0000
308	Uniform	Global Y	-3.6700			0.0000	0.0000
309	Uniform	Global Y	-3.6700			0.0000	0.0000
310	Uniform	Global Y	-3.6700			0.0000	0.0000
311	Uniform	Global Y	-3.6700			0.0000	0.0000
312	Uniform	Global Y	-3.6700			0.0000	0.0000
313	Uniform	Global Y	-3.6700			0.0000	0.0000
314	Uniform	Global Y	-3.6700			0.0000	0.0000
315	Uniform	Global Y	-3.6700			0.0000	0.0000
316	Uniform	Global Y	-3.6700			0.0000	0.0000
317	Uniform	Global Y	-3.6700			0.0000	0.0000
318	Uniform	Global Y	-3.6700			0.0000	0.0000
319	Uniform	Global Y	-3.6700			0.0000	0.0000
320	Uniform	Global Y	-3.6700			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
321	Uniform	Global Y	-3.1000			0.0000	0.0000
322	Uniform	Global Y	-3.1000			0.0000	0.0000
323	Uniform	Global Y	-3.1000			0.0000	0.0000
324	Uniform	Global Y	-3.1000			0.0000	0.0000
325	Uniform	Global Y	-3.1000			0.0000	0.0000
326	Uniform	Global Y	-3.1000			0.0000	0.0000
327	Uniform	Global Y	-3.1000			0.0000	0.0000
328	Uniform	Global Y	-3.1000			0.0000	0.0000
329	Uniform	Global Y	-3.1000			0.0000	0.0000
330	Uniform	Global Y	-3.1000			0.0000	0.0000
331	Uniform	Global Y	-3.1000			0.0000	0.0000
332	Uniform	Global Y	-3.1000			0.0000	0.0000
333	Uniform	Global Y	-3.1000			0.0000	0.0000
334	Uniform	Global Y	-3.1000			0.0000	0.0000
335	Uniform	Global Y	-3.1000			0.0000	0.0000
336	Uniform	Global Y	-3.1000			0.0000	0.0000
337	Uniform	Global Y	-2.5200			0.0000	0.0000
338	Uniform	Global Y	-2.5200			0.0000	0.0000
339	Uniform	Global Y	-2.5200			0.0000	0.0000
340	Uniform	Global Y	-2.5200			0.0000	0.0000
341	Uniform	Global Y	-2.5200			0.0000	0.0000
342	Uniform	Global Y	-2.5200			0.0000	0.0000
343	Uniform	Global Y	-2.5200			0.0000	0.0000
344	Uniform	Global Y	-2.5200			0.0000	0.0000
345	Uniform	Global Y	-2.5200			0.0000	0.0000
346	Uniform	Global Y	-2.5200			0.0000	0.0000
347	Uniform	Global Y	-2.5200			0.0000	0.0000
348	Uniform	Global Y	-2.5200			0.0000	0.0000
349	Uniform	Global Y	-2.5200			0.0000	0.0000
350	Uniform	Global Y	-2.5200			0.0000	0.0000
351	Uniform	Global Y	-2.5200			0.0000	0.0000
352	Uniform	Global Y	-2.5200			0.0000	0.0000
353	Uniform	Global Y	-1.9500			0.0000	0.0000
354	Uniform	Global Y	-1.9500			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/SL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
355	Uniform	Global Y	-1.9500			0.0000	0.0000
356	Uniform	Global Y	-1.9500			0.0000	0.0000
357	Uniform	Global Y	-1.9500			0.0000	0.0000
358	Uniform	Global Y	-1.9500			0.0000	0.0000
359	Uniform	Global Y	-1.9500			0.0000	0.0000
360	Uniform	Global Y	-1.9500			0.0000	0.0000
361	Uniform	Global Y	-1.9500			0.0000	0.0000
362	Uniform	Global Y	-1.9500			0.0000	0.0000
363	Uniform	Global Y	-1.9500			0.0000	0.0000
364	Uniform	Global Y	-1.9500			0.0000	0.0000
365	Uniform	Global Y	-1.9500			0.0000	0.0000
366	Uniform	Global Y	-1.9500			0.0000	0.0000
367	Uniform	Global Y	-1.9500			0.0000	0.0000
368	Uniform	Global Y	-1.9500			0.0000	0.0000

LOAD COMBINATION AASHTO-I

Load Case	Factor
DL	1.30
DL-EARTH	1.30
LL	2.67
CF	1.30
EARTH	1.69

LOAD COMBINATION AASHTO-II

Load Case	Factor
DL	1.30
DL-EARTH	1.30
W	1.30
EARTH	1.69

LOAD COMBINATION AASHTO-III

Load Case	Factor
DL	1.30
DL-EARTH	1.30
LL	1.60
CF	1.30
LF	1.30
W	0.39
WinLL	1.30
EARTH	1.69

LOAD COMBINATION AASHTO-VIIA

Load Case	Factor
DL	1.30
DL-EARTH	1.30
EQ-T	1.30
EQ-L	0.39
EARTH-SISMO	1.69

LOAD COMBINATION AASHTO-VIIB

Load Case	Factor
DL	1.30
DL-EARTH	1.30
EQ-T	0.39
EQ-L	1.30
EARTH-SISMO	1.69

LOAD COMBINATION AASHTO-VIIC

Load Case	Factor
DL	0.90

LOAD COMBINATION AASHTO-VIIC

Load Case	Factor
DL-EARTH	0.99
EQ-T	1.30
EQ-L	0.39
EARTH-SISMO	1.69

LOAD COMBINATION AASHTO-VIID

Load Case	Factor
DL	0.99
DL-EARTH	0.99
EQ-T	0.39
EQ-L	1.30
EARTH-SISMO	1.69

LOAD COMBINATION AASHTO-I-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
LL	1.00
CF	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-II-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
W	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-III-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
LL	1.00
CF	1.00
LF	1.00
W	0.30
WwLL	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-VIIA-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
EQ-T	1.00
EQ-L	0.30
EARTH-SISMO	1.00

LOAD COMBINATION AASHTO-VIIB-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
EQ-T	0.30
EQ-L	1.00
EARTH-SISMO	1.00

Result Cases Summary

Load Combinations: AASHTO-I
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-II
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-III
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIIA
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIIB
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIIC
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIID
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-I-S
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-II-S
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-III-S
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIIA-S
Solved: 23/12/2008

Load Class: None

Load Combinations: AASHTO-VIIB-S
Solved: 23/12/2008

Load Class: None

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
1	AASHTO-I	8.3644	-25.3654	-20.1237	0.0031	0.0014	-0.0001
1	AASHTO-II	2.0325	-25.8885	-20.3742	0.0032	0.0003	0.0000
1	AASHTO-III	9.9659	-27.3249	-19.4512	0.0035	0.0013	-0.0001
1	AASHTO-VIIA	4.5857	-30.8796	-21.0068	0.0039	0.0006	-0.0001
1	AASHTO-VIIB	1.3560	-38.3956	-24.7021	0.0049	0.0003	0.0000
1	AASHTO-VIIC	4.5670	-31.8780	-18.0179	0.0042	0.0006	-0.0001
1	AASHTO-VIID	1.3563	-39.3614	-21.7239	0.0053	0.0002	0.0000
1	AASHTO-I-S	5.8898	-14.2381	-12.8524	0.0017	0.0009	0.0000
1	AASHTO-II-S	1.5634	-14.8134	-14.0831	0.0017	0.0002	0.0000
1	AASHTO-III-S	6.7817	-15.8183	-13.1122	0.0020	0.0010	-0.0001
1	AASHTO-VIIA-S	3.5423	-17.7045	-14.2712	0.0022	0.0005	0.0000
1	AASHTO-VIIB-S	1.0514	-21.8110	-16.8123	0.0028	0.0002	0.0000
51	AASHTO-I	8.4349	-25.8539	-27.1846	0.0031	0.0011	-0.0001
51	AASHTO-II	2.0742	-26.0019	-20.3839	0.0032	0.0001	0.0000
51	AASHTO-III	9.0422	-27.8612	-28.1963	0.0035	0.0011	-0.0001
51	AASHTO-VIIA	4.6547	-31.2872	-22.4429	0.0040	0.0004	0.0000
51	AASHTO-VIIB	1.4081	-38.5011	-23.3018	0.0050	0.0000	0.0000
51	AASHTO-VIIC	4.6430	-32.1845	-19.3125	0.0043	0.0004	0.0000
51	AASHTO-VIID	1.4035	-39.4998	-20.1624	0.0053	0.0000	0.0000
51	AASHTO-I-S	5.9447	-14.5470	-17.6141	0.0017	0.0007	0.0000
51	AASHTO-II-S	1.5914	-14.8983	-14.4324	0.0018	0.0001	0.0000
51	AASHTO-III-S	6.8319	-16.1750	-18.4285	0.0020	0.0008	0.0000
51	AASHTO-VIIA-S	3.5808	-17.9006	-15.7884	0.0022	0.0003	0.0000
51	AASHTO-VIIB-S	1.0842	-21.8708	-16.2157	0.0029	0.0000	0.0000
101	AASHTO-I	8.4870	-25.8326	-24.4618	0.0030	0.0011	-0.0001
101	AASHTO-II	2.0849	-26.0068	-19.0855	0.0031	0.0001	0.0000
101	AASHTO-III	9.1010	-27.8361	-23.1984	0.0034	0.0011	-0.0001
101	AASHTO-VIIA	4.6861	-31.2805	-19.4373	0.0039	0.0004	0.0000
101	AASHTO-VIIB	1.4152	-38.5118	-19.6834	0.0049	0.0000	0.0000
101	AASHTO-VIIC	4.6734	-32.1777	-19.0987	0.0041	0.0004	0.0000
101	AASHTO-VIID	1.4094	-39.4978	-16.3520	0.0052	0.0000	0.0000
101	AASHTO-I-S	5.9798	-14.5330	-16.1256	0.0016	0.0007	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
101	AASHTO-I-S	1.6003	-14.8000	-13.1629	0.0017	0.0001	0.0000
101	AASHTO-II-S	6.8720	-16.1571	-16.6755	0.0019	0.0006	0.0000
101	AASHTO-VIIA-S	3.6018	-17.8958	-14.0968	0.0021	0.0003	0.0000
101	AASHTO-VIIB-S	1.0884	-21.8771	-14.1483	0.0038	0.0000	0.0000
151	AASHTO-I	8.5418	-25.8108	-21.6692	0.0032	0.0011	-0.0001
151	AASHTO-II	2.0965	-26.0103	-15.6629	0.0032	0.0001	0.0000
151	AASHTO-III	9.1627	-27.8102	-20.1360	0.0035	0.0011	-0.0001
151	AASHTO-VIIA	4.7209	-31.2720	-16.3961	0.0040	0.0004	0.0000
151	AASHTO-VIIB	1.4258	-38.5200	-16.0215	0.0050	0.0001	0.0000
151	AASHTO-VIIC	4.7070	-32.1693	-12.9560	0.0042	0.0004	0.0000
151	AASHTO-VIID	1.4194	-39.3059	-12.4847	0.0053	0.0001	0.0000
151	AASHTO-I-S	6.0185	-14.5188	-14.5972	0.0017	0.0007	0.0000
151	AASHTO-II-S	1.6109	-14.9009	-11.8579	0.0018	0.0001	0.0000
151	AASHTO-III-S	6.9142	-16.1290	-14.8779	0.0020	0.0006	0.0000
151	AASHTO-VIIA-S	3.6247	-17.8697	-12.3778	0.0022	0.0003	0.0000
151	AASHTO-VIIB-S	1.0849	-21.8828	-12.5457	0.0039	0.0001	0.0000
202	AASHTO-I	8.5869	-25.8117	-19.2430	0.0033	0.0011	-0.0001
202	AASHTO-II	2.1068	-26.0106	-13.2660	0.0033	0.0002	0.0000
202	AASHTO-III	9.2149	-27.8108	-17.4653	0.0036	0.0011	-0.0001
202	AASHTO-VIIA	4.7490	-31.2721	-13.4243	0.0040	0.0004	0.0000
202	AASHTO-VIIB	1.4319	-38.5200	-12.2808	0.0050	0.0001	0.0000
202	AASHTO-VIIC	4.7353	-32.1691	-9.7107	0.0042	0.0004	0.0000
202	AASHTO-VIID	1.4259	-39.3057	-8.5467	0.0053	0.0001	0.0000
202	AASHTO-I-S	6.0463	-14.5174	-13.3120	0.0017	0.0007	0.0000
202	AASHTO-II-S	1.6172	-14.9013	-10.5447	0.0018	0.0001	0.0000
202	AASHTO-III-S	6.9490	-16.1296	-13.3663	0.0021	0.0006	0.0000
202	AASHTO-VIIA-S	3.6424	-17.8900	-10.7186	0.0022	0.0003	0.0000
203	AASHTO-VIIB-S	1.0979	-21.8830	-9.8737	0.0039	0.0001	0.0000
252	AASHTO-I	8.6259	-25.7835	-16.1829	0.0033	0.0011	-0.0001
252	AASHTO-II	2.1159	-26.0072	-10.7545	0.0032	0.0001	0.0000
252	AASHTO-III	9.2614	-27.7778	-14.1648	0.0036	0.0011	-0.0001
252	AASHTO-VIIA	4.7728	-31.2556	-10.2268	0.0040	0.0004	0.0000
252	AASHTO-VIIB	1.4341	-38.5188	-8.4455	0.0050	0.0001	0.0000
252	AASHTO-VIIC	4.7601	-32.1524	-6.3342	0.0042	0.0004	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
252	AASHTO-VIID	1.4294	-39.5041	-4.5485	0.0053	0.0001	0.0000
252	AASHTO-I-S	6.0720	-14.4985	-11.6287	0.0018	0.0007	0.0000
252	AASHTO-II-S	1.6204	-14.8983	-8.1487	0.0018	0.0001	0.0000
252	AASHTO-III-S	6.9798	-16.1175	-11.4084	0.0021	0.0006	0.0000
252	AASHTO-VIIA-S	3.6568	-17.8795	-8.8873	0.0022	0.0003	0.0000
252	AASHTO-VIIB-S	1.0974	-21.8830	-7.8621	0.0039	0.0001	0.0000
302	AASHTO-I	8.6894	-25.7544	-13.1838	0.0033	0.0011	-0.0001
302	AASHTO-II	2.1183	-26.0031	-8.2529	0.0032	0.0002	0.0000
302	AASHTO-III	9.3124	-27.7436	-10.8861	0.0036	0.0011	-0.0001
302	AASHTO-VIIA	4.7998	-31.2393	-7.0421	0.0040	0.0004	0.0000
302	AASHTO-VIIB	1.4399	-38.5166	-4.6366	0.0050	0.0001	0.0000
302	AASHTO-VIIC	4.7879	-32.1350	-2.9673	0.0042	0.0004	0.0000
302	AASHTO-VIID	1.4358	-39.5017	-0.5537	0.0053	0.0001	0.0000
302	AASHTO-I-S	6.1007	-14.4791	-9.9616	0.0017	0.0007	0.0000
302	AASHTO-II-S	1.6260	-14.8948	-7.7634	0.0018	0.0001	0.0000
302	AASHTO-III-S	7.0135	-16.0946	-9.4642	0.0020	0.0006	0.0000
302	AASHTO-VIIA-S	3.6737	-17.8668	-7.0672	0.0022	0.0003	0.0000
302	AASHTO-VIIB-S	1.0998	-21.8823	-5.4576	0.0039	0.0001	0.0000
352	AASHTO-I	10.7188	-31.8191	-17.2288	0.0038	0.0013	-0.0001
352	AASHTO-II	2.4843	-32.1728	-14.2804	0.0036	0.0002	0.0000
352	AASHTO-III	11.3063	-34.4620	-15.6643	0.0043	0.0013	-0.0001
352	AASHTO-VIIA	5.5849	-38.7499	-14.0402	0.0047	0.0005	-0.0001
352	AASHTO-VIIB	1.6736	-46.1306	-14.4049	0.0060	0.0002	-0.0001
352	AASHTO-VIIC	5.5516	-40.0396	-10.4268	0.0049	0.0005	-0.0001
352	AASHTO-VIID	1.6689	-49.5258	-10.7923	0.0062	0.0002	-0.0001
353	AASHTO-I-S	7.4268	-17.7062	-11.6180	0.0021	0.0008	-0.0001
352	AASHTO-II-S	1.9073	-18.3057	-10.9698	0.0021	0.0002	0.0000
352	AASHTO-III-S	8.5037	-19.9178	-11.7207	0.0025	0.0009	-0.0001
352	AASHTO-VIIA-S	4.2717	-22.1013	-10.7782	0.0027	0.0004	0.0000
352	AASHTO-VIIB-S	1.2848	-27.5188	-11.0432	0.0035	0.0001	0.0000
402	AASHTO-I	14.0209	-42.2853	-18.6394	0.0042	0.0013	-0.0002
402	AASHTO-II	3.0762	-42.5587	-14.1908	0.0041	0.0002	-0.0001
402	AASHTO-III	14.5517	-46.1825	-15.0743	0.0047	0.0013	-0.0002
402	AASHTO-VIIA	6.8374	-51.4036	-13.8186	0.0051	0.0006	-0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
402	AASHTO-VIIB	2.0568	-64.4071	-14.3556	0.0065	0.0002	-0.0002
402	AASHTO-VIIC	6.8214	-53.2678	-10.1893	0.0053	0.0005	-0.0002
402	AASHTO-VIID	2.0522	-66.3502	-10.7368	0.0067	0.0002	-0.0002
402	AASHTO-I-S	9.5825	-23.3565	-11.4329	0.0023	0.0008	-0.0001
402	AASHTO-II-S	2.3620	-24.1447	-10.8998	0.0023	0.0002	-0.0001
402	AASHTO-III-S	10.9077	-26.7047	-11.2620	0.0029	0.0009	-0.0001
402	AASHTO-VIIA-S	5.3493	-29.3628	-10.6080	0.0029	0.0004	-0.0001
402	AASHTO-VIIB-S	1.5804	-37.2084	-11.0054	0.0036	0.0001	-0.0001
452	AASHTO-I	3.9803	-11.9101	-16.4887	0.0031	0.0010	-0.0001
452	AASHTO-II	1.1988	-12.1471	-9.8519	0.0031	0.0002	0.0000
452	AASHTO-III	4.3977	-13.7576	-14.4490	0.0033	0.0011	-0.0001
452	AASHTO-VIIA	2.5171	-14.5218	-9.5353	0.0037	0.0006	0.0000
452	AASHTO-VIIB	0.8179	-17.8018	-7.0851	0.0046	0.0002	0.0000
452	AASHTO-VIIC	2.4677	-14.8027	-5.7456	0.0038	0.0006	0.0000
452	AASHTO-VIID	0.7739	-18.1427	-3.2842	0.0047	0.0002	0.0000
452	AASHTO-I-S	2.9042	-6.8472	-11.8807	0.0017	0.0007	0.0000
452	AASHTO-II-S	0.9064	-7.0391	-8.5969	0.0018	0.0002	0.0000
452	AASHTO-III-S	3.3417	-7.4690	-11.7437	0.0019	0.0008	0.0000
452	AASHTO-VIIA-S	1.9391	-8.3583	-8.5342	0.0021	0.0004	0.0000
452	AASHTO-VIIB-S	0.6351	-9.9887	-6.6157	0.0026	0.0001	0.0000
502	AASHTO-I	8.7267	-25.5812	-7.8181	0.0032	0.0013	-0.0001
502	AASHTO-II	2.1447	-25.9556	-5.4144	0.0032	0.0003	0.0000
502	AASHTO-III	9.3802	-27.5469	-9.3920	0.0036	0.0013	-0.0001
502	AASHTO-VIIA	4.8481	-31.1236	-3.0808	0.0040	0.0005	0.0000
502	AASHTO-VIIB	1.4723	-36.4714	-0.7485	0.0050	0.0002	0.0000
502	AASHTO-VIIC	4.8366	-32.0204	1.1348	0.0042	0.0008	0.0000
502	AASHTO-VIID	1.4690	-39.4570	3.4797	0.0052	0.0002	0.0000
502	AASHTO-I-S	6.1385	-14.5655	-6.7716	0.0017	0.0009	0.0000
502	AASHTO-II-S	1.6427	-14.8608	-5.0764	0.0018	0.0002	0.0000
502	AASHTO-III-S	7.0572	-15.9632	-5.8289	0.0020	0.0010	-0.0001
502	AASHTO-VIIA-S	3.7033	-17.7947	-4.8017	0.0022	0.0004	0.0000
502	AASHTO-VIIB-S	1.1191	-21.8583	-3.1370	0.0029	0.0002	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
452	AASHTO-I	-3.2423	9.7018	0.0000	0.0000	0.0000	0.0000
452	AASHTO-II	-0.9529	9.8849	0.0000	0.0000	0.0000	0.0000
452	AASHTO-III	-3.5623	10.3922	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIIA	-2.0504	11.8253	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIIB	-0.6662	14.5011	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIIC	-2.0101	12.0581	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIID	-0.6293	14.7798	0.0000	0.0000	0.0000	0.0000
452	AASHTO-I-S	-2.3668	5.5777	0.0000	0.0000	0.0000	0.0000
452	AASHTO-II-S	-0.7383	5.7503	0.0000	0.0000	0.0000	0.0000
452	AASHTO-III-S	-2.7231	6.0842	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIIA-S	-1.5771	6.8086	0.0000	0.0000	0.0000	0.0000
452	AASHTO-VIIB-S	-0.5174	8.1204	0.0000	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1	56	Load Combinations: AASHTO-I	276.4814	12.7541	52.0239	0.0003	-83.4535	0.3327
1	56	Load Combinations: AASHTO-II	264.7704	3.0771	53.2604	0.0001	-86.8908	-0.1067
1	56	Load Combinations: AASHTO-III	262.1018	15.2214	54.3293	0.0002	-90.3749	9.7030
1	56	Load Combinations: AASHTO-VIIA	270.2870	8.9135	60.8384	0.0000	-93.4724	11.7812
1	56	Load Combinations: AASHTO-VIIB	513.1868	1.4757	89.0214	0.0001	-100.5898	-3.7263
1	56	Load Combinations: AASHTO-VIIC	227.2084	9.1429	90.4977	0.0000	-84.8623	13.2804
1	56	Load Combinations: AASHTO-VIID	270.2291	1.7239	68.6425	0.0001	-92.2971	-2.1667
1	56	Load Combinations: AASHTO-I-S	177.0566	9.8049	30.4665	0.0001	-54.7334	5.9580
1	56	Load Combinations: AASHTO-II-S	165.5784	2.4212	31.9804	0.0000	-57.0188	0.2852
1	56	Load Combinations: AASHTO-III-S	179.4286	11.7581	32.4081	0.0001	-51.9360	6.9879
1	56	Load Combinations: AASHTO-VIIA-S	187.1082	6.9315	36.4366	0.0000	-59.4137	8.5298
1	56	Load Combinations: AASHTO-VIIB-S	218.9611	1.2149	42.6703	0.0001	-59.7096	-3.3771
1	324	Load Combinations: AASHTO-I	-281.8600	-12.7880	-52.0360	-0.0003	31.4290	12.4526
1	324	Load Combinations: AASHTO-II	-268.2990	-3.0763	-53.2727	-0.0001	33.6298	3.1670
1	324	Load Combinations: AASHTO-III	-265.8305	-15.2264	-54.3426	-0.0002	26.0443	5.5184
1	324	Load Combinations: AASHTO-VIIA	-273.7956	-8.9158	-60.8534	0.0000	32.8326	-2.8674
1	324	Load Combinations: AASHTO-VIIB	-516.7154	-1.4766	-89.0402	-0.0001	31.5670	5.2022

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1	324	Load Combinations: AASHTO-VIIC	-229.8548	-9.1446	-80.5065	0.0000	24.4638	-4.1375
1	324	Load Combinations: AASHTO-VIID	-272.8755	-1.7246	-98.6571	-0.0001	23.8542	3.5808
1	324	Load Combinations: AASHTO-I-S	-179.7709	-9.9274	-30.4715	-0.0001	24.2684	3.9675
1	324	Load Combinations: AASHTO-II-S	-188.5927	-2.4219	-31.9956	0.0000	20.3580	2.1362
1	324	Load Combinations: AASHTO-III-S	-182.1429	-11.7610	-32.4109	-0.0001	18.5302	2.7709
1	324	Load Combinations: AASHTO-VIIA-S	-189.8236	-6.8329	-36.4462	0.0000	22.9735	-2.5879
1	324	Load Combinations: AASHTO-VIIB-S	-219.6754	-1.2151	-42.8796	-0.0001	17.0388	3.5819
2	88	Load Combinations: AASHTO-I	402.1381	16.4803	54.6158	0.0001	-95.5049	22.6032
2	88	Load Combinations: AASHTO-II	299.9006	5.9633	53.7803	-0.0001	-69.1346	17.4075
2	88	Load Combinations: AASHTO-III	363.7209	18.8992	58.9416	0.0000	-82.5851	30.7414
2	88	Load Combinations: AASHTO-VIIA	318.0603	11.8533	61.9449	-0.0002	-96.8077	30.2320
2	88	Load Combinations: AASHTO-VIIB	327.5264	4.7672	69.3435	-0.0002	-102.1869	16.2714
2	88	Load Combinations: AASHTO-VIIC	274.9383	11.8677	61.6051	-0.0002	-90.0834	28.5569
2	88	Load Combinations: AASHTO-VIID	284.5487	4.5022	68.9650	-0.0002	-93.9887	14.8396
2	88	Load Combinations: AASHTO-I-S	257.1132	12.3050	32.1060	0.0000	-62.3028	20.3328
2	88	Load Combinations: AASHTO-II-S	202.8807	4.5166	32.0451	0.0000	-58.9852	12.9897
2	88	Load Combinations: AASHTO-III-S	269.5831	14.2339	34.2908	0.0000	-60.5205	33.8342
2	88	Load Combinations: AASHTO-VIIA-S	223.6204	9.1294	37.2951	-0.0001	-63.0810	22.8313
2	88	Load Combinations: AASHTO-VIIB-S	227.9745	3.6039	42.9298	-0.0001	-60.8106	12.0872
2	325	Load Combinations: AASHTO-I	-405.8867	-16.4885	-54.6278	-0.0001	40.8913	-6.1382
2	325	Load Combinations: AASHTO-II	-290.4294	-5.9640	-53.7825	0.0001	35.3440	-11.4445
2	325	Load Combinations: AASHTO-III	-367.2495	-18.7035	-58.9548	0.0000	35.6451	-12.0427
2	325	Load Combinations: AASHTO-VIIA	-321.5889	-11.8549	-61.9596	0.0002	36.9628	-18.2794
2	325	Load Combinations: AASHTO-VIIB	-331.0950	-4.7974	-69.3623	0.0002	32.8425	-11.5046
2	325	Load Combinations: AASHTO-VIIC	-277.5848	-11.8681	-61.6188	0.0002	28.4787	-16.8997
2	325	Load Combinations: AASHTO-VIID	-287.1961	-4.5025	-68.9797	0.0002	24.9246	-10.1577
2	325	Load Combinations: AASHTO-I-S	-259.8275	-12.3071	-32.1109	0.0000	30.1974	-8.0278
2	325	Load Combinations: AASHTO-II-S	-205.5950	-4.5172	-32.0503	0.0000	26.8388	-6.4531
2	325	Load Combinations: AASHTO-III-S	-272.2974	-14.2364	-34.2969	0.0000	26.2402	-9.7005
2	325	Load Combinations: AASHTO-VIIA-S	-226.5348	-9.1305	-37.3015	0.0001	25.7858	-13.7021
2	325	Load Combinations: AASHTO-VIIB-S	-230.8888	-3.6041	-42.9381	0.0001	17.8805	-6.4835
3	260	Load Combinations: AASHTO-I	118.8591	11.3258	41.4526	0.0002	-53.9307	0.7253
3	260	Load Combinations: AASHTO-II	104.2620	3.0357	42.8346	0.0000	-56.5736	1.8736
3	260	Load Combinations: AASHTO-III	85.1518	13.6522	43.8865	0.0001	-52.7183	10.3717

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
3	260	Load Combinations: AASHTO-VIIA	73.0365	8.3654	48.1802	0.0000	-63.8828	13.8467
3	260	Load Combinations: AASHTO-VIIB	83.3011	2.0441	55.5265	0.0000	-65.7089	1.1182
3	260	Load Combinations: AASHTO-VIIC	18.2772	8.8661	48.1663	-0.0001	-58.1828	15.8518
3	260	Load Combinations: AASHTO-VIID	8.3818	2.3648	55.4816	0.0000	-60.1884	3.1907
3	260	Load Combinations: AASHTO-I-S	92.5215	9.7546	24.3739	0.0001	-37.4047	5.2373
3	260	Load Combinations: AASHTO-II-S	86.1591	2.2592	25.2906	0.0000	-39.7572	0.9873
3	260	Load Combinations: AASHTO-III-S	80.0461	10.3896	25.9535	0.0000	-34.3465	8.4909
3	260	Load Combinations: AASHTO-VIIA-S	77.2195	6.3165	29.3162	0.0000	-40.3900	10.0354
3	260	Load Combinations: AASHTO-VIIB-S	72.9296	1.4748	34.1258	0.0000	-37.2512	0.3034
3	326	Load Combinations: AASHTO-I	-122.1677	-11.3307	-41.4646	-0.0002	12.4739	10.6025
3	326	Load Combinations: AASHTO-II	-107.7906	-3.0368	-42.8470	0.0000	16.2347	1.1625
3	326	Load Combinations: AASHTO-III	-88.6802	-13.6570	-43.8799	-0.0001	9.0444	3.2625
3	326	Load Combinations: AASHTO-VIIA	-76.5671	-8.3675	-48.1852	0.0000	14.6865	-5.4828
3	326	Load Combinations: AASHTO-VIIB	-86.8297	-2.0449	-55.5452	0.0000	10.1743	0.8263
3	326	Load Combinations: AASHTO-VIIC	-20.8236	-8.8677	-48.1690	0.0001	9.0190	-7.1850
3	326	Load Combinations: AASHTO-VIID	-11.0382	-2.3655	-55.4881	0.0000	4.7068	-0.8255
3	326	Load Combinations: AASHTO-I-S	-95.2358	-9.7071	-24.3789	-0.0001	13.0282	5.4603
3	326	Load Combinations: AASHTO-II-S	-100.8734	-2.2598	-25.2963	0.0000	13.4646	1.2621
3	326	Load Combinations: AASHTO-III-S	-92.7926	-10.3824	-25.9584	0.0000	8.3629	1.9098
3	326	Load Combinations: AASHTO-VIIA-S	-79.9339	-6.3178	-29.3227	0.0000	11.0715	-3.7185
3	326	Load Combinations: AASHTO-VIIB-S	-75.6440	-1.4753	-34.1381	0.0000	3.1182	1.1716
4	272	Load Combinations: AASHTO-I	241.8987	13.9071	41.5953	0.0000	-51.1777	17.1706
4	272	Load Combinations: AASHTO-II	126.2817	4.8838	42.9700	-0.0001	-59.0668	13.8258
4	272	Load Combinations: AASHTO-III	206.2823	15.8584	43.8764	-0.0001	-50.8310	24.4450
4	272	Load Combinations: AASHTO-VIIA	120.5955	10.0782	49.5253	-0.0002	-64.3849	24.6822
4	272	Load Combinations: AASHTO-VIIB	77.5879	3.5062	55.8359	-0.0001	-65.9335	10.5816
4	272	Load Combinations: AASHTO-VIIC	65.7418	9.7232	48.5119	-0.0001	-58.8592	23.6888
4	272	Load Combinations: AASHTO-VIID	22.6298	3.1688	55.5607	-0.0001	-60.3848	8.4308
4	272	Load Combinations: AASHTO-I-S	172.2870	10.5535	24.4724	0.0000	-35.7455	17.0409
4	272	Load Combinations: AASHTO-II-S	115.0797	3.6209	25.3803	0.0000	-36.7019	11.0141
4	272	Load Combinations: AASHTO-III-S	169.8618	12.1559	26.1077	0.0000	-32.6428	19.7488
4	272	Load Combinations: AASHTO-VIIA-S	113.7434	7.7825	29.5495	-0.0001	-40.4359	19.4487
4	272	Load Combinations: AASHTO-VIIB-S	83.8864	2.7547	34.2026	-0.0001	-37.2719	8.5398
4	327	Load Combinations: AASHTO-I	-245.4273	-13.8113	-41.8079	0.0000	9.5799	-3.2626

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
4	327	Load Combinations: AASHTO-II	-129.8103	-4.8945	-42.8624	0.0001	16.0927	-8.9317
4	327	Load Combinations: AASHTO-III	-209.8108	-15.8627	-43.8901	0.0001	6.9511	-8.5857
4	327	Load Combinations: AASHTO-VIIA	-124.0941	-10.0800	-46.5404	0.0002	14.8344	-14.8036
4	327	Load Combinations: AASHTO-VIIB	-91.0964	-3.5066	-55.6547	0.0001	10.2888	-7.0553
4	327	Load Combinations: AASHTO-VIIC	-98.3683	-9.7346	-49.5238	0.0001	9.1425	-12.9633
4	327	Load Combinations: AASHTO-VIID	-25.2762	-3.1893	-56.5753	0.0001	4.9175	-5.2617
4	327	Load Combinations: AASHTO-I-S	-175.0013	-10.3596	-24.4777	0.0000	11.2720	-6.4870
4	327	Load Combinations: AASHTO-II-S	-117.7941	-3.6213	-25.3656	0.0000	13.3201	-7.1932
4	327	Load Combinations: AASHTO-III-S	-172.5762	-12.1564	-26.1137	0.0000	6.5336	-7.5935
4	327	Load Combinations: AASHTO-VIIA-S	-116.4577	-7.7836	-29.5561	0.0001	10.8644	-11.6660
4	327	Load Combinations: AASHTO-VIIB-S	-86.6007	-2.7549	-34.2110	0.0001	3.0662	-5.7891
5	398	Load Combinations: AASHTO-I	-2.5943	-10.8374	1.0746	-2.1153	0.1421	0.6915
5	398	Load Combinations: AASHTO-II	-0.8629	-6.4980	0.4572	-1.1798	0.1062	0.7673
5	398	Load Combinations: AASHTO-III	-2.1469	-8.8339	1.2000	-1.8758	0.0162	0.6885
5	398	Load Combinations: AASHTO-VIIA	-1.0804	-6.7332	0.7241	-1.2508	0.0409	0.7773
5	398	Load Combinations: AASHTO-VIIB	-0.8570	-6.4811	0.6794	-1.5201	0.0000	0.7938
5	398	Load Combinations: AASHTO-VIIC	-0.8545	-5.0991	0.7222	-1.0121	-0.0002	0.5880
5	398	Load Combinations: AASHTO-VIID	-0.8521	-4.8254	0.8682	-1.2821	-0.0089	0.6051
5	398	Load Combinations: AASHTO-I-S	-1.3758	-9.2339	0.4596	-1.2109	0.1177	0.5270
5	398	Load Combinations: AASHTO-II-S	-0.6873	-5.0099	0.2638	-0.8772	0.0944	0.5850
5	398	Load Combinations: AASHTO-III-S	-1.4540	-6.1843	0.8118	-1.3400	0.0646	0.5225
5	398	Load Combinations: AASHTO-VIIA-S	-0.9369	-5.2080	0.3998	-0.9325	0.0594	0.5898
5	398	Load Combinations: AASHTO-VIIB-S	-0.6847	-5.0209	0.4299	-1.1349	0.0339	0.5969
5	397	Load Combinations: AASHTO-I	2.5525	-21.8436	-1.0746	-1.7800	-0.6744	2.0593
5	397	Load Combinations: AASHTO-II	0.8888	-10.0082	-0.4572	-0.9922	-0.3393	0.1130
5	397	Load Combinations: AASHTO-III	2.1139	-17.5602	-1.2000	-1.2087	-0.8123	1.5424
5	397	Load Combinations: AASHTO-VIIA	1.0521	-9.7910	-0.7241	-0.8212	-0.4030	-0.0307
5	397	Load Combinations: AASHTO-VIIB	0.8543	-10.0330	-0.6794	-0.3518	-0.3694	0.0967
5	397	Load Combinations: AASHTO-VIIC	0.8484	-7.2715	-0.7222	-0.3818	-0.3602	-0.0451
5	397	Load Combinations: AASHTO-VIID	0.8502	-7.5452	-0.8682	-0.1219	-0.3203	0.0748
5	397	Load Combinations: AASHTO-I-S	1.3801	-12.5184	-0.4596	-0.9889	-0.3456	1.0434
5	397	Load Combinations: AASHTO-II-S	0.6850	-7.6779	-0.2638	-0.5629	-0.2258	0.0818
5	397	Load Combinations: AASHTO-III-S	1.4065	-12.5660	-0.8118	-0.8579	-0.3685	1.0726
5	397	Load Combinations: AASHTO-VIIA-S	0.8020	-7.4798	-0.3998	-0.5075	-0.2581	-0.0218

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1	397	Load Combinations: AASHTO-VIIB-S	0.8631	-7.8669	-0.4299	-0.3051	-0.2488	0.0624
8	397	Load Combinations: AASHTO-I	-4.6257	1.8660	1.7366	-2.4966	0.1147	-0.3673
8	397	Load Combinations: AASHTO-II	0.0947	-5.8536	1.2142	-1.8803	-0.0316	1.5241
8	397	Load Combinations: AASHTO-III	-3.5049	1.5658	2.3155	-2.6585	-0.2712	0.0902
8	397	Load Combinations: AASHTO-VIIA	-0.4048	-5.7913	1.7515	-1.8394	-0.2027	1.6732
8	397	Load Combinations: AASHTO-VIIB	0.2918	-6.1826	2.4014	-2.7750	-0.5412	1.5909
8	397	Load Combinations: AASHTO-VIIC	-0.5395	-4.1383	1.7553	-1.7017	-0.2546	1.3933
8	397	Load Combinations: AASHTO-VIID	0.1672	-4.5171	2.3952	-2.5379	-0.5903	1.2120
8	397	Load Combinations: AASHTO-I-S	-2.2998	0.4606	0.8387	-1.4395	0.0982	0.1679
8	397	Load Combinations: AASHTO-II-S	0.0686	-4.5351	0.7202	-1.1919	0.0083	1.1669
8	397	Load Combinations: AASHTO-III-S	-2.5742	0.9664	1.3391	-1.8726	-0.1353	0.1312
8	397	Load Combinations: AASHTO-VIIA-S	-0.3043	-4.5043	1.0534	-1.3829	-0.1020	1.2763
8	397	Load Combinations: AASHTO-VIIB-S	0.2118	-4.8387	1.8237	-2.0213	-0.3621	1.2135
8	399	Load Combinations: AASHTO-I	4.5625	-34.3470	-1.7366	-1.3987	-0.9761	6.3898
8	399	Load Combinations: AASHTO-II	-0.0967	-10.8405	-1.2142	-0.1917	-0.5750	-0.3277
8	399	Load Combinations: AASHTO-III	3.7723	-27.7900	-2.3155	-0.4269	-0.8627	7.2706
8	399	Load Combinations: AASHTO-VIIA	0.3665	-10.7029	-1.7515	0.0674	-0.6721	-0.4456
8	399	Load Combinations: AASHTO-VIIB	-0.2944	-10.3113	-2.4014	0.3630	-0.8592	-0.5593
8	399	Load Combinations: AASHTO-VIIC	0.5234	-8.2423	-1.7553	0.2977	-0.6234	-0.2650
8	399	Load Combinations: AASHTO-VIID	-0.1891	-7.8535	-2.3952	1.1338	-0.9071	-0.3783
8	399	Load Combinations: AASHTO-I-S	2.2842	-19.2109	-0.8387	-0.7563	-0.5157	4.7467
8	399	Load Combinations: AASHTO-II-S	-0.0709	-8.1527	-0.7202	-0.2481	-0.3726	-0.2628
8	399	Load Combinations: AASHTO-III-S	2.5570	-19.7457	-1.3391	-0.3250	-0.5323	5.0536
8	399	Load Combinations: AASHTO-VIIA-S	0.2995	-8.1835	-1.0534	-0.0571	-0.4241	-0.3567
8	399	Load Combinations: AASHTO-VIIB-S	-0.2134	-7.8481	-1.8237	0.5813	-0.4296	-0.4617
7	399	Load Combinations: AASHTO-I	-2.7723	-36.9604	2.4376	-2.8974	0.1630	-6.3946
7	399	Load Combinations: AASHTO-II	2.3613	-9.9059	2.0790	-2.1519	-0.0497	1.9111
7	399	Load Combinations: AASHTO-III	-3.3297	-30.0189	3.6391	-3.4029	-0.4114	-6.2437
7	399	Load Combinations: AASHTO-VIIA	1.3621	-9.5498	2.9464	-2.5752	-0.2701	2.0122
7	399	Load Combinations: AASHTO-VIIB	2.6791	-7.9479	4.3239	-3.8664	-0.8150	2.2235
7	399	Load Combinations: AASHTO-VIIC	0.6102	-7.6437	2.9613	-2.3298	-0.3223	1.4272
7	399	Load Combinations: AASHTO-VIID	1.9066	-6.0381	4.5394	-3.6273	-0.8644	1.6362
7	399	Load Combinations: AASHTO-I-S	-1.0116	-20.5674	1.2408	-1.8755	0.1215	-3.6212
7	399	Load Combinations: AASHTO-II-S	1.8066	-6.6881	1.2632	-1.4867	-0.0098	1.4703

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-kgs)	Force Y (m-kgs)	Force Z (m-kgs)	Moment X (m-kgs-m)	Moment Y (m-kgs-m)	Moment Z (m-kgs-m)
7	399	Load Combinations: AASHTO-II-S	-1.4484	-21.4144	2.2132	-2.3770	-0.2475	-4.2652
7	399	Load Combinations: AASHTO-VIIA-S	1.0665	-7.4061	1.8233	-1.7940	-0.1581	1.9451
7	399	Load Combinations: AASHTO-VIIB-S	2.2396	-6.2183	3.1168	-2.7894	-0.5684	1.7175
7	400	Load Combinations: AASHTO-I	2.7269	4.2795	-2.4376	-0.8879	-1.3798	-1.9161
7	400	Load Combinations: AASHTO-II	-3.2653	-7.5883	-3.0790	0.2799	-0.9694	-2.2407
7	400	Load Combinations: AASHTO-III	2.2958	3.8248	-3.8391	0.3188	-1.4041	-2.2179
7	400	Load Combinations: AASHTO-VIIA	-1.3964	-6.9443	-2.8484	0.6862	-1.2022	-2.6639
7	400	Load Combinations: AASHTO-VIIB	-2.6818	-5.5463	-4.5239	1.8864	-1.4517	-2.0743
7	400	Load Combinations: AASHTO-VIIC	-0.6164	-4.7269	-2.9613	0.9246	-1.1577	-2.1567
7	400	Load Combinations: AASHTO-VIID	-1.9085	-6.3325	-4.5384	2.2235	-1.4046	-1.5859
7	400	Load Combinations: AASHTO-I-S	0.9696	1.8171	-1.3408	-0.5223	-0.7400	-1.8751
7	400	Load Combinations: AASHTO-II-S	-1.9392	-5.7997	-1.2632	0.0467	-0.6214	-1.7425
7	400	Load Combinations: AASHTO-III-S	1.4314	2.6841	-2.2132	0.1792	-0.8570	-1.7997
7	400	Load Combinations: AASHTO-VIIA-S	-1.0714	-5.2817	-1.8233	0.3540	-0.7530	-2.0793
7	400	Load Combinations: AASHTO-VIIB-S	-2.0412	-6.4715	-3.1168	1.3494	-0.9698	-1.8539
8	400	Load Combinations: AASHTO-I	3.0549	-26.6306	3.2087	-3.2815	0.3583	2.1242
8	400	Load Combinations: AASHTO-II	5.4662	-9.0559	5.0642	-2.6103	0.1548	3.6820
8	400	Load Combinations: AASHTO-III	2.2735	-21.5402	5.1298	-4.1507	-0.2265	2.5664
8	400	Load Combinations: AASHTO-VIIA	3.8470	-9.2633	4.2921	-3.1780	-0.0126	4.0800
8	400	Load Combinations: AASHTO-VIIB	5.8543	-8.4743	6.9322	-4.9183	-0.4618	3.6344
8	400	Load Combinations: AASHTO-VIIC	2.2208	-7.1480	4.3120	-2.9340	-0.0535	3.1668
8	400	Load Combinations: AASHTO-VIID	4.2279	-8.3347	6.9417	-4.8749	-0.5016	2.7408
8	400	Load Combinations: AASHTO-I-S	2.4034	-15.0684	1.8689	-1.9009	0.2293	2.0463
8	400	Load Combinations: AASHTO-II-S	4.1883	-7.0068	1.8773	-1.7785	0.1057	2.8491
8	400	Load Combinations: AASHTO-III-S	1.8613	-15.4380	3.2175	-2.8853	-0.1480	2.0579
8	400	Load Combinations: AASHTO-VIIA-S	2.8657	-7.2081	2.9963	-2.1889	-0.0052	3.1341
8	400	Load Combinations: AASHTO-VIIB-S	4.4706	-6.6357	4.7999	-3.5253	-0.3744	2.8301
8	401	Load Combinations: AASHTO-I	-3.0976	-6.0501	-3.2087	-0.6138	-1.9575	-7.2701
8	401	Load Combinations: AASHTO-II	-5.4702	-7.4382	-5.0642	0.7383	-1.6895	-4.0967
8	401	Load Combinations: AASHTO-III	-2.3070	-4.6539	-5.1298	1.0863	-2.3344	-6.7667
8	401	Load Combinations: AASHTO-VIIA	-3.8553	-7.2108	-4.2921	1.3060	-2.1343	-4.5785
8	401	Load Combinations: AASHTO-VIIB	-5.8570	-8.0189	-6.9322	3.0463	-3.0040	-3.7465
8	401	Load Combinations: AASHTO-VIIC	-2.2269	-5.2226	-4.3120	1.5300	-2.1019	-3.6462
8	401	Load Combinations: AASHTO-VIID	-4.2297	-6.0360	-6.9417	3.2709	-2.9696	-2.8159

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-kgs)	Force Y (m-kgs)	Force Z (m-kgs)	Moment X (m-kgs-m)	Moment Y (m-kgs-m)	Moment Z (m-kgs-m)
8	401	Load Combinations: AASHTO-I-S	-2.4183	-3.6819	-1.8689	-0.2968	-1.0798	-4.8932
8	401	Load Combinations: AASHTO-II-S	-4.1987	-5.6819	-1.8773	0.3369	-1.0441	-3.1807
8	401	Load Combinations: AASHTO-III-S	-1.8790	-3.3123	-3.2175	0.6875	-1.4567	-5.5895
8	401	Load Combinations: AASHTO-VIIA-S	-2.9606	-5.4797	-2.9963	0.7459	-1.3424	-3.5864
8	401	Load Combinations: AASHTO-VIIB-S	-4.4724	-6.0521	-4.7999	2.0853	-2.0253	-2.9763
9	401	Load Combinations: AASHTO-I	8.8691	-21.9461	4.1560	-3.8670	0.7930	7.4629
9	401	Load Combinations: AASHTO-II	8.5183	-9.2234	4.2557	-3.0936	0.6798	5.3617
9	401	Load Combinations: AASHTO-III	4.8758	-17.6588	6.3618	-4.9919	0.4180	7.0792
9	401	Load Combinations: AASHTO-VIIA	5.8424	-9.2082	5.9040	-3.8174	0.8859	5.7856
9	401	Load Combinations: AASHTO-VIIB	9.1111	-8.6155	9.7896	-6.0421	0.7123	5.1394
9	401	Load Combinations: AASHTO-VIIC	3.3960	-8.9297	5.9250	-3.5732	0.6663	4.5082
9	401	Load Combinations: AASHTO-VIID	9.3650	-8.5353	9.8002	-5.7983	0.6655	3.8604
9	401	Load Combinations: AASHTO-I-S	4.5188	-12.5889	2.2820	-2.1279	0.4799	5.2086
9	401	Load Combinations: AASHTO-II-S	6.5285	-7.1371	2.8241	-2.0832	0.4183	4.1604
9	401	Load Combinations: AASHTO-III-S	3.7125	-12.7003	4.4722	-3.4633	0.2590	5.3362
9	401	Load Combinations: AASHTO-VIIA-S	4.5585	-7.1528	3.7444	-2.6042	0.4564	4.4759
9	401	Load Combinations: AASHTO-VIIB-S	6.9615	-6.9086	6.8048	-4.3135	0.4273	4.0235
9	402	Load Combinations: AASHTO-I	-6.7393	-10.7348	-4.1560	-0.2283	-3.8670	-10.2663
9	402	Load Combinations: AASHTO-II	-6.9203	-7.2718	-4.2557	1.2316	-2.9062	-5.8698
9	402	Load Combinations: AASHTO-III	-4.8090	-8.5355	-6.3618	1.9073	-3.9049	-9.3598
9	402	Load Combinations: AASHTO-VIIA	-5.9506	-7.2889	-5.9040	1.9454	-3.6469	-6.2852
9	402	Load Combinations: AASHTO-VIIB	-9.1137	-7.6788	-9.7896	4.1701	-5.8068	-5.4241
9	402	Load Combinations: AASHTO-VIIC	-3.4021	-9.4409	-5.9250	2.1692	-3.6290	-4.8807
9	402	Load Combinations: AASHTO-VIID	-9.5869	-9.8353	-9.8002	4.3843	-5.5854	-4.0357
9	402	Load Combinations: AASHTO-I-S	-4.5323	-6.1814	-2.2820	-0.0702	-1.8091	-6.8067
9	402	Load Combinations: AASHTO-II-S	-6.5288	-5.5907	-2.8241	0.8432	-1.7311	-4.5572
9	402	Load Combinations: AASHTO-III-S	-3.7301	-6.0489	-4.4722	1.2855	-2.4936	-6.8691
9	402	Load Combinations: AASHTO-VIIA-S	-4.5633	-5.5350	-3.7444	1.1642	-2.3100	-4.8845
9	402	Load Combinations: AASHTO-VIIB-S	-6.9631	-5.7790	-6.8048	2.8735	-3.8304	-4.3082
11	403	Load Combinations: AASHTO-I	8.3464	-17.6367	6.3648	-4.8134	3.0100	11.5449
11	403	Load Combinations: AASHTO-II	12.2223	-9.9080	7.7622	-4.7983	3.3956	8.0398
11	403	Load Combinations: AASHTO-III	2.8125	-14.1291	12.4094	-6.4675	4.2022	10.4586
11	403	Load Combinations: AASHTO-VIIA	6.8667	-8.8137	10.6291	-6.0480	4.3753	8.1364
11	403	Load Combinations: AASHTO-VIIB	13.6066	-8.6095	18.1120	-10.1086	7.0839	7.8330

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
11	403	Load Combinations: AASHTO-VIIC	2.6368	-6.5901	10.6440	-5.8086	4.3605	6.1399
11	403	Load Combinations: AASHTO-VIID	9.5782	-6.4016	18.1198	-8.8890	7.0797	5.6292
11	403	Load Combinations: AASHTO-II-S	3.7819	-10.2334	3.9374	-2.6830	1.7819	7.8024
11	403	Load Combinations: AASHTO-II-S	9.3595	-6.6917	4.8247	-3.1694	2.0838	6.2343
11	403	Load Combinations: AASHTO-III-S	2.0120	-13.1952	8.1485	-5.9114	2.7581	7.8568
11	403	Load Combinations: AASHTO-VIIA-S	5.0927	-6.8457	6.8154	-4.0606	2.8028	6.3067
11	403	Load Combinations: AASHTO-VIIB-S	10.3605	-6.7783	12.6501	-7.1820	4.8601	6.0356
11	404	Load Combinations: AASHTO-I	-6.5862	-15.0411	-6.9846	1.0181	-6.4973	-12.1951
11	404	Load Combinations: AASHTO-II	-12.2261	-7.5851	-7.7622	2.8263	-7.2784	-8.3710
11	404	Load Combinations: AASHTO-III	-2.8453	-12.0650	-12.4094	5.3830	-10.4030	-10.9752
11	404	Load Combinations: AASHTO-VIIA	-6.6749	-7.6805	-10.6281	4.1795	-9.6674	-9.4220
11	404	Load Combinations: AASHTO-VIIB	-13.8081	-7.6346	-18.1120	8.2366	-16.1395	-7.8396
11	404	Load Combinations: AASHTO-VIIC	-2.6428	-5.8105	-10.6440	4.4049	-8.8898	-9.3279
11	404	Load Combinations: AASHTO-VIID	-9.5801	-5.9990	-18.1198	8.4600	-16.1393	-5.7376
11	404	Load Combinations: AASHTO-II-S	-3.7971	-9.5278	-3.9374	0.8653	-3.7485	-9.2263
11	404	Load Combinations: AASHTO-II-S	-9.3818	-5.7961	-4.8247	1.7294	-4.5059	-6.5083
11	404	Load Combinations: AASHTO-III-S	-2.0295	-9.5551	-8.1485	3.7136	-6.8273	-8.2672
11	404	Load Combinations: AASHTO-VIIA-S	-5.0975	-5.8421	-6.8154	2.8208	-6.2104	-6.5878
11	404	Load Combinations: AASHTO-VIIB-S	-10.3620	-5.9088	-12.6501	5.7420	-11.1850	-6.2509
12	404	Load Combinations: AASHTO-I	1.7617	-16.8808	8.5061	-7.0156	5.3288	11.0133
12	404	Load Combinations: AASHTO-II	11.8229	-8.6147	8.4099	-7.7653	8.2052	8.8464
12	404	Load Combinations: AASHTO-III	-2.5718	-13.7702	13.6549	-14.9659	8.1226	10.3567
12	404	Load Combinations: AASHTO-VIIA	4.1906	-8.7817	13.9340	-9.9028	8.1803	8.5450
12	404	Load Combinations: AASHTO-VIIB	13.8896	-8.4321	21.9378	-17.2372	13.6946	6.1879
12	404	Load Combinations: AASHTO-VIIC	-0.1837	-6.6279	12.9491	-9.8882	8.1793	8.3448
12	404	Load Combinations: AASHTO-VIID	9.5174	-6.2958	21.9432	-17.0011	13.6963	5.9903
12	404	Load Combinations: AASHTO-II-S	0.3749	-9.9048	4.8391	-4.1080	3.1485	7.8815
12	404	Load Combinations: AASHTO-II-S	9.1214	-6.6531	5.8293	-5.0748	3.8364	6.7182
12	404	Load Combinations: AASHTO-III-S	-2.1148	-9.8398	8.8347	-10.8341	5.3543	7.8164
12	404	Load Combinations: AASHTO-VIIA-S	3.1787	-6.7821	8.3006	-6.5679	5.2631	6.6743
12	404	Load Combinations: AASHTO-VIIB-S	10.5770	-6.5555	15.3037	-12.2278	9.4784	6.5159
12	405	Load Combinations: AASHTO-I	-1.8233	-15.8900	-6.5061	3.1203	-9.5749	-11.8388
12	405	Load Combinations: AASHTO-II	-11.8267	-7.8796	-9.4099	5.8933	-10.9097	-8.8303
12	405	Load Combinations: AASHTO-III	2.5391	-12.4239	-13.6549	11.8614	-14.9462	-10.6937

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
12	405	Load Combinations: AASHTO-VIIA	-4.1867	-7.7324	-12.9340	8.0306	-14.8464	-8.6025
12	405	Load Combinations: AASHTO-VIIB	-13.8920	-8.0620	-21.9378	15.3652	-24.6635	-6.2807
12	405	Load Combinations: AASHTO-VIIC	0.1777	-5.7431	-12.9491	8.2622	-14.8551	-8.5961
12	405	Load Combinations: AASHTO-VIID	-9.5183	-6.0791	-21.9432	15.5971	-24.6677	-6.0456
12	405	Load Combinations: AASHTO-II-S	-0.3903	-8.8468	-4.8391	1.9082	-0.5672	-6.1188
12	405	Load Combinations: AASHTO-II-S	-9.1238	-6.0377	-5.8293	3.8348	-6.7513	-6.8693
12	405	Load Combinations: AASHTO-III-S	2.0974	-8.8108	-8.8347	9.3363	-9.7696	-6.0890
12	405	Load Combinations: AASHTO-VIIA-S	-3.1814	-5.9057	-8.3006	5.1479	-9.4129	-6.8935
12	405	Load Combinations: AASHTO-VIIB-S	-10.5795	-5.1323	-15.3037	10.7676	-17.1300	-6.6218
13	405	Load Combinations: AASHTO-I	37.5385	-16.4307	-6.8467	3.1479	9.1539	10.6097
13	405	Load Combinations: AASHTO-II	23.5268	-8.1603	-9.1149	5.8962	10.8337	8.8867
13	405	Load Combinations: AASHTO-III	39.7291	-13.3360	-11.7997	11.9156	14.4467	9.5882
13	405	Load Combinations: AASHTO-VIIA	31.1558	-8.3613	-12.1382	8.0400	14.4457	8.4734
13	405	Load Combinations: AASHTO-VIIB	21.9904	-8.2508	-21.6278	15.3710	24.5640	6.1940
13	405	Load Combinations: AASHTO-VIIC	26.7815	-6.3917	-12.1458	8.2731	14.4453	8.2375
13	405	Load Combinations: AASHTO-VIID	17.6083	-6.2836	-21.6348	15.6031	24.5860	5.9490
13	405	Load Combinations: AASHTO-I-S	28.1674	-9.4718	-4.2421	1.9089	5.4165	7.3852
13	405	Load Combinations: AASHTO-II-S	18.0471	-8.2585	-5.8942	3.8338	6.7175	6.7423
13	405	Load Combinations: AASHTO-III-S	30.4944	-8.5490	-8.0099	8.3432	9.5475	7.2699
13	405	Load Combinations: AASHTO-VIIA-S	23.9179	-8.4218	-7.9491	5.1478	9.3220	6.8360
13	405	Load Combinations: AASHTO-VIIB-S	16.7999	-8.2954	-15.1628	10.7692	17.0925	6.5452
13	406	Load Combinations: AASHTO-I	-37.5799	-16.2602	6.8467	-7.0432	-5.7257	-10.6000
13	406	Load Combinations: AASHTO-II	-23.5306	-8.3336	9.1149	-7.7682	-6.2759	-8.6232
13	406	Load Combinations: AASHTO-III	-39.7606	-12.8580	11.7997	-15.0000	-8.5501	-9.6878
13	406	Load Combinations: AASHTO-VIIA	-31.1838	-8.1126	12.1582	-9.9125	-8.3858	-8.5405
13	406	Load Combinations: AASHTO-VIIB	-21.9828	-8.2433	21.6379	-17.2430	-13.7648	-6.1856
13	406	Load Combinations: AASHTO-VIIC	-26.7975	-5.9786	12.1458	-9.8771	-8.3718	-8.3407
13	406	Load Combinations: AASHTO-VIID	-17.6100	-6.1068	21.6348	-17.0071	-13.7685	-5.9881
13	406	Load Combinations: AASHTO-I-S	-28.1827	-9.2787	4.2421	-4.1067	-3.2937	-7.4134
13	406	Load Combinations: AASHTO-II-S	-18.0483	-8.4260	5.8942	-5.0739	-3.8701	-6.6996
13	406	Load Combinations: AASHTO-III-S	-30.5017	-8.2023	8.0099	-10.5410	-5.3411	-7.3564
13	406	Load Combinations: AASHTO-VIIA-S	-23.9225	-8.2860	7.9491	-6.5878	-5.3470	-6.6750
13	406	Load Combinations: AASHTO-VIIB-S	-16.8013	-8.4024	15.1628	-12.2292	-9.5110	-6.5159
14	406	Load Combinations: AASHTO-I	29.4115	-15.9545	-5.3435	1.0458	6.0956	8.9377

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
14	406	Load Combinations: AASHTO-I	33.4147	-7.5849	-7.4719	2.9291	7.2054	8.0313
14	406	Load Combinations: AASHTO-II	31.0705	-12.7274	-10.5848	5.4159	9.9452	8.0264
14	406	Load Combinations: AASHTO-VIIA	25.5468	-7.5074	-9.8634	4.1953	9.4698	7.7868
14	406	Load Combinations: AASHTO-VIIB	19.3634	-7.5070	-17.8186	8.2420	16.0882	7.6826
14	406	Load Combinations: AASHTO-VIIC	21.8189	-5.7373	-9.8537	4.4151	9.4650	5.8836
14	406	Load Combinations: AASHTO-VIID	15.3349	-5.9413	-17.8179	8.4707	16.0636	5.5488
14	406	Load Combinations: AASHTO-I-S	22.3342	-6.9942	-3.3481	0.6661	3.6072	6.2782
14	406	Load Combinations: AASHTO-II-S	15.8808	-5.8006	-4.8850	1.7285	4.4748	6.2463
14	406	Load Combinations: AASHTO-III-S	23.8228	-9.0345	-7.3418	3.7200	6.8271	6.1418
14	406	Load Combinations: AASHTO-VIIA-S	19.8461	-5.8027	-6.4716	2.8206	6.1268	6.0966
14	406	Load Combinations: AASHTO-VIIB-S	14.8074	-5.8961	-12.5128	5.7434	11.1507	6.1040
14	407	Load Combinations: AASHTO-I	-29.4527	-16.7264	5.3435	-4.8411	-5.4180	-6.6447
14	407	Load Combinations: AASHTO-II	-30.4183	-8.9063	7.4719	-4.8011	-3.4690	-7.8869
14	407	Load Combinations: AASHTO-III	-31.1030	-13.4666	10.5848	-8.5003	-4.8491	-7.8505
14	407	Load Combinations: AASHTO-VIIA	-25.8567	-8.8867	9.8634	-8.0560	-4.5672	-7.4869
14	407	Load Combinations: AASHTO-VIIB	-19.3667	-8.8871	17.8186	-10.1146	-7.1586	-7.4302
14	407	Load Combinations: AASHTO-VIIC	-21.8248	-6.6333	9.8537	-5.8191	-4.5675	-5.4695
14	407	Load Combinations: AASHTO-VIID	-15.3367	-6.4293	17.8179	-9.8747	-7.1548	-5.4267
14	407	Load Combinations: AASHTO-I-S	-22.3484	-8.7560	3.3481	-2.9639	-1.9314	-6.0887
14	407	Load Combinations: AASHTO-II-S	-15.8830	-6.6872	4.8850	-3.1685	-2.1271	-5.9748
14	407	Load Combinations: AASHTO-III-S	-23.8400	-9.7157	7.3418	-5.9178	-2.8542	-5.9714
14	407	Load Combinations: AASHTO-VIIA-S	-19.8508	-6.8851	6.4716	-4.0908	-2.8906	-5.8259
14	407	Load Combinations: AASHTO-VIIB-S	-14.8087	-6.7917	12.5128	-7.1834	-4.8942	-5.8799

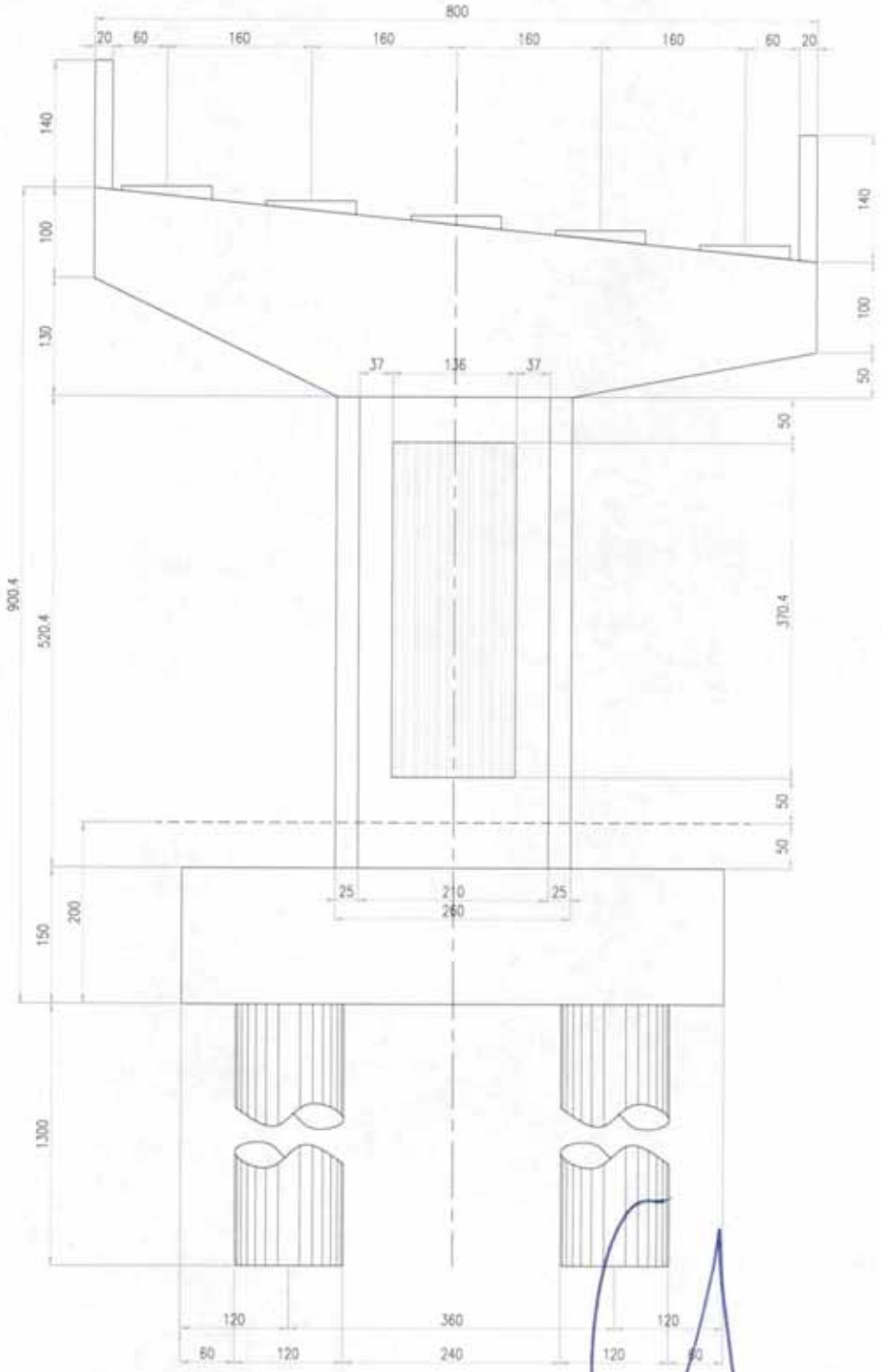
DISEÑO DE PILA INTERMEDIA TRAMO CURVO

EJE 50

DISTRIBUIDOR JT

1. Geometría de la pila

Se propone la siguiente pila, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre la pila

2.1 Cargas muertas

La carga muerta proveniente de la superestructura es igual a:

DL = 389.1 Ton
$M_{DLTRANS}$ = 30.1 Ton-m

2.2 Cargas Vivas

La carga viva, para 2 bandas de circulación, se obtiene del análisis de elemento finito que se realizó:

LL = 132 Ton
$M_{LLTRANS}$ = 81.9 Ton-m

Estas cargas se deberán de aumentar en un 30% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 132 Ton × 0.05 = 6.6 Ton

Esta fuerza se aplica a una altura igual a 4.48 m por encima del nivel de la corona.

2.4 Fuerzas Centrífugas

De acuerdo al inciso 3.10 del reglamento del AASHTO, se deberá aplicar radialmente un porcentaje de la carga viva a una altura de 1.8 m por encima de la rasante:

$C = \frac{6.68 \times S^2}{R}$; donde:

S = Velocidad en mph = 60 kmh = 37.5 mph

R = Radio de la curva = 67.91 m = 222.8 ft

Substituyendo se obtiene que:

$C = \frac{6.68 \times 37.5^2}{222.8} = 42.2\ \%$

Por lo que la fuerza centrífuga es igual a:

CF = 0.422 × 132 Ton = 55.7 Ton

Esta fuerza se aplica a una altura igual a 4.48 m por encima del nivel de la corona.

2.5 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 27.5 × 2.55 = 25.2 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 27.5 × 2.55 = 6.1 Ton

Esta fuerza se aplica a una altura igual a 2.14 m por encima del nivel de la corona.

2.6 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar el viento actuando en la carga viva:

W transversal = 100 lb/ft × $\left(\frac{194}{160}\right)^2$ = 147 lb/ft

W longitudinal = 40 lb/ft × $\left(\frac{194}{160}\right)^2$ = 59 lb/ft

Por el viento transversal:

Ptrans = 0.22 Ton/m × 27.5 m = 6.1 Ton

Por el viento longitudinal:

Plong = 0.09 Ton/m × 27.5 m = 2.5 Ton

Esta fuerza se aplica a una altura igual a 4.48 m por encima del nivel de la ménsula.

2.7 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y periodo de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S\ trans = 1.5 \times 0.3 \times \left(\frac{389.1}{4} + \frac{77.4}{2} \right) = 61.2\ Ton$$

$$S\ long = 1.5 \times 0.3 \times \left(\frac{389.1}{4} + \frac{77.4}{2} \right) = 61.2\ Ton$$

Esta fuerza se aplica a una altura igual a 1.51 m por encima del nivel del cabezal.

2.8 Combinaciones de carga

Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	1.3 (D + 1.67 L + CF)
AASHTO II	1.3 (D + W)
AASHTO III	1.3 (D + L + 0.3W + W_{LL} + LF + CF)
AASHTO VII-a	1.3 (D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-b	1.3 (D + 0.30EQ_{TR} + EQ_{LON})
AASHTO VII-c	1.3 (0.75D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-d	1.3 (0.75D + 0.30EQ_{TR} + EQ_{LON})

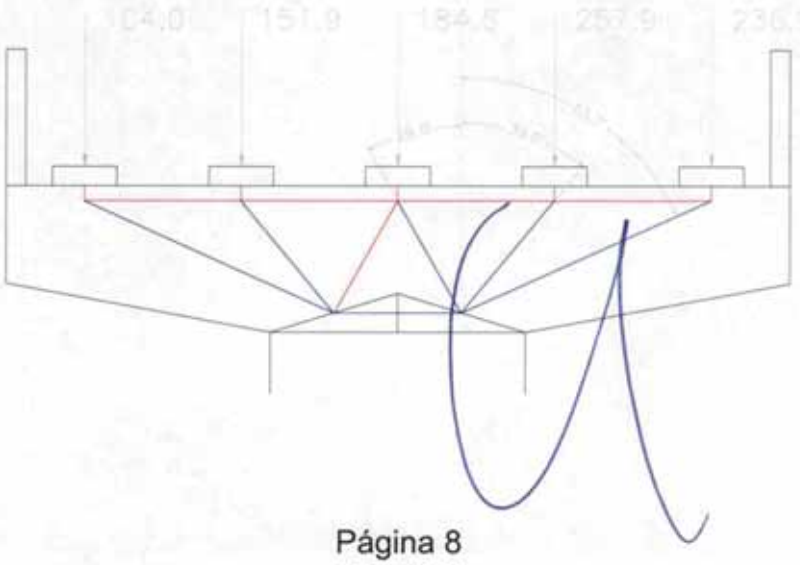
3. Diseño de cabezal

3.1 Sección Propuesta

Se propone la siguiente sección transversal para fines de diseño:

3.2 Diseño a flexión

Para analizar el cabezal se utilizará el método del strut and tie, por lo que la distribución de fuerzas en el cabezal queda de la siguiente manera:



Resolviendo la armadura se obtiene que las máximas fuerzas de tensión y compresión son:

C1 = 575.7 Ton
T2 = 738.0 Ton

El esfuerzo en el miembro C1 es igual

$$\sigma c = \frac{575700}{40 \times 140} = 103 \text{ kg/cm2}$$

Por lo que usando concreto f'c= 350 kg/cm2, se obtiene que:

$\sigma c = 103 \text{ kg/cm2} = 0.29 f'c < 0.5 f'c$

$\therefore$ La resistencia del concreto es adecuada

El área de acero requerida en la parte superior es igual a:

$$As = \frac{Tu}{\phi fy} = \frac{738.0}{0.85 \times 4.2} = 207 \text{ cm2}$$

$\therefore$ Colocar 207cm2 de acero de refuerzo en la parte superior por flexión

3.3 Diseño a cortante

La resistencia del concreto a cortante esta dada por la siguiente expresión:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{350} \times 140 \times 125 = 147.5 \text{ Ton}$$

El cortante último es igual a 494.8 Ton, por lo que requerimiento de acero es igual a :

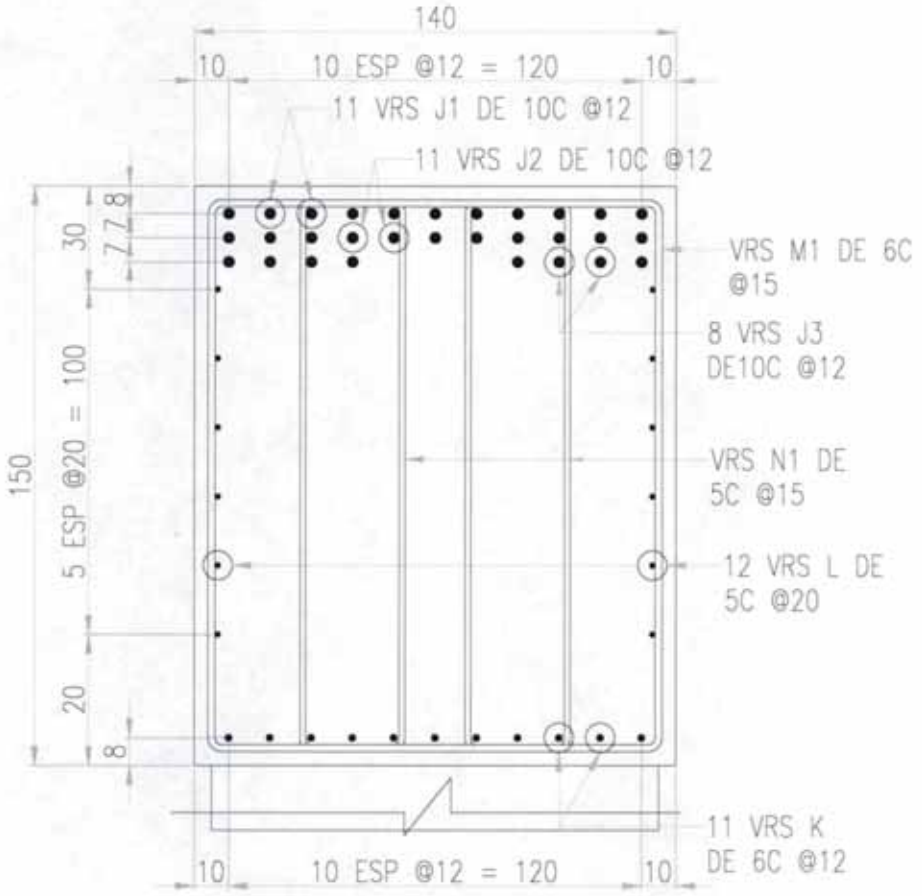
$$Vs = \frac{Vu - \phi Vc}{\phi} = \frac{494.8 - 147.5}{0.85} = 408.6 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{408.6}{4.2 \times 125} = 0.78 \text{ cm2/cm}$$

$\therefore$ Colocar 0.78 cm2/cm de acero de refuerzo por cortante

3.4 Croquis del Cabezal



4. Diseño de columnas

4.1 Sección propuesta

Se utilizará una columna de 260 x 130 cm hecha a base de concreto **f'c= 350 kg/cm2**. La sección transversal se muestra en el siguiente diagrama:

4.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga que se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Muy (Ton-m)*	*Muz (Ton-m)*
AASHTO I	1,019.79	0.00	1,222.75
AASHTO II	647.53	90.72	413.90
AASHTO III	870.44	190.23	1,351.61
AASHTO VII-A	647.53	258.01	899.17
AASHTO VII-B	647.53	860.04	297.14
AASHTO VII-C	485.65	258.01	889.39
AASHTO VII-D	485.65	860.04	287.36

4.3 Consideración de los efectos de esbeltez

4.3.1 Sentido transversal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden.

En la siguiente tabla se muestran los momentos amplificados en el sentido transversal:

Combinación	*Pu (Ton)*	*Muz (Ton-m)*	*βD*	*EI (kg-cm2)*	*K*	*ϕPcr (Ton)*	*δ*	*Mc (Ton-m)*
I	1,019.79	1,222.75	0.03	1.88E+13	2.10	48,454.64	1.02	1,249.04
II	647.53	413.90	0.09	1.77E+13	2.10	45,686.16	1.01	419.86
III	870.44	1,351.61	0.03	1.89E+13	2.10	48,598.31	1.02	1,376.26
VII-A	647.53	899.17	0.04	1.86E+13	2.10	47,919.90	1.01	911.49
VII-B	647.53	297.14	0.13	1.72E+13	2.10	44,186.47	1.01	301.56
VII-C	485.65	889.39	0.03	1.88E+13	2.10	48,407.94	1.01	898.40
VII-D	485.65	287.36	0.10	1.76E+13	2.10	45,371.57	1.01	290.47

4.3.2 Sentido longitudinal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden en el sentido longitudinal.

En la siguiente tabla se muestran los momentos amplificados en el sentido longitudinal:

Combinación	Pu (Ton)	Muy (Ton-m)	βD	EI (kg-cm2)	K	ϕPcr (Ton)	δ	Mc (Ton-m)
I	1,019.79	0.00	0.00	4.92E+12	2.10	8,903.35	1.13	-
II	647.53	90.72	0.00	4.92E+12	2.10	8,903.35	1.08	83.24
III	870.44	190.23	0.00	4.92E+12	2.10	8,903.35	1.11	230.23
VII-A	647.53	258.01	0.00	4.92E+12	2.10	8,903.35	1.08	214.50
VII-B	647.53	860.04	0.00	4.92E+12	2.10	8,903.35	1.08	715.00
VII-C	485.65	258.01	0.00	4.92E+12	2.10	8,903.35	1.06	211.71
VII-D	485.65	860.04	0.00	4.92E+12	2.10	8,903.35	1.06	705.70

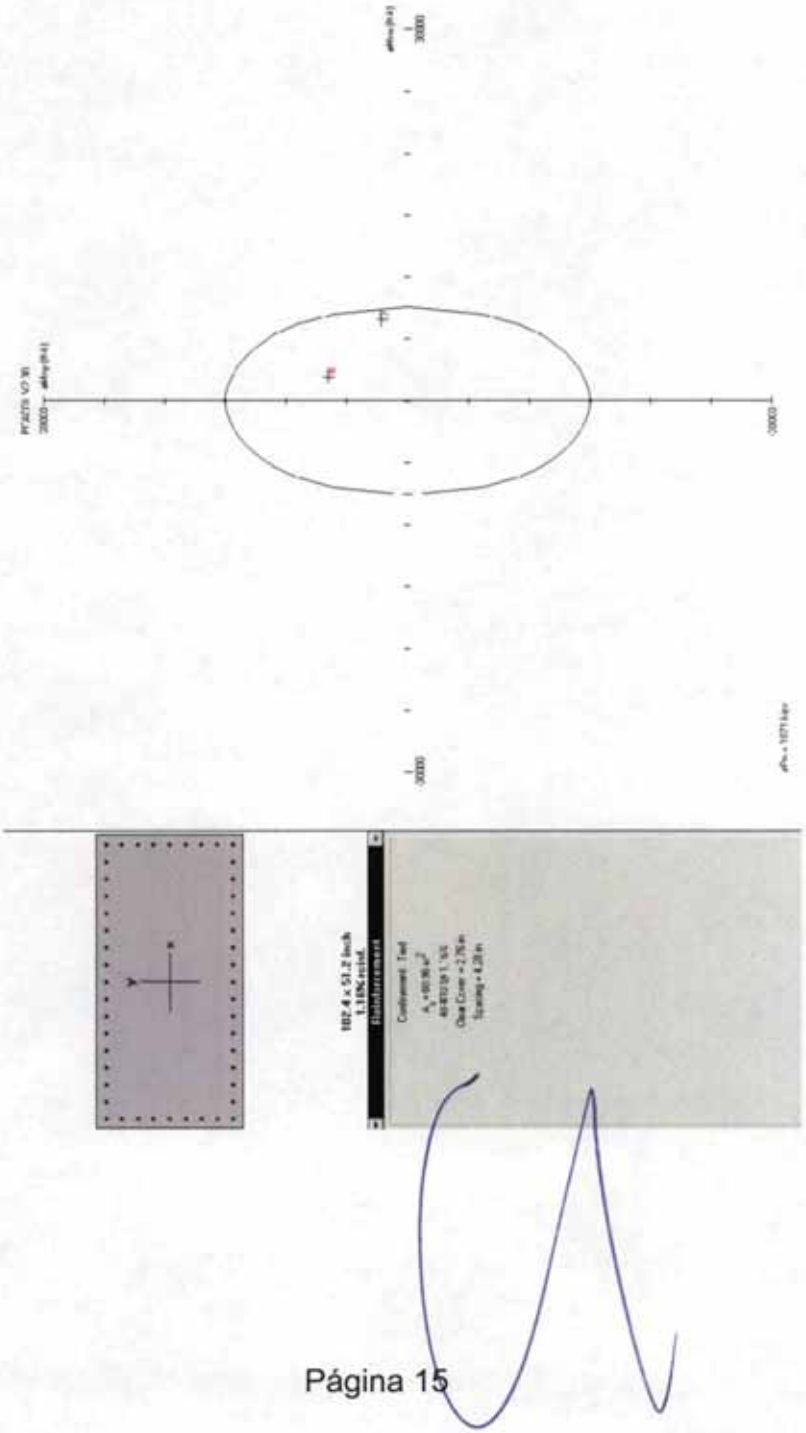
4.4 Elementos Mecánicos

Los elementos mecánicos que se utilizarán en el diseño se muestran en la siguiente tabla. El momento resultante que se muestra a continuación es el que resulta de sumar vectorialmente los momentos amplificados transversales y longitudinales.

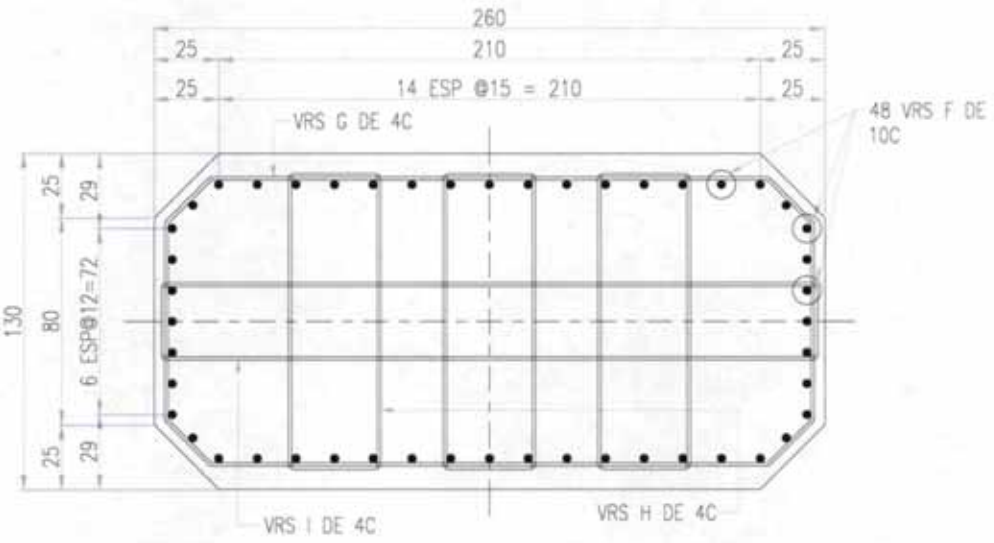
Combinación	Pu (Ton)	Mcy (Ton-m)	Mcz (Ton-m)
I	1,019.79	-	1,249.04
II	647.53	97.83	419.86
III	870.44	210.85	1,376.26
VII-A	647.53	278.25	911.49
VII-B	647.53	927.50	301.56
VII-C	485.65	272.90	898.40
VII-D	485.65	909.66	290.47

4.5 Diseño de la columna

A continuación se presenta el diagrama de interacción para una columna de **f'c= 350 kg/cm2** con 48 varillas del No. 10 y estribo del No. 4 a cada 20 cms. En este diagrama se puede apreciar que la columna es adecuada, para resistir las solicitaciones que se presentan.



4.6 Croquis de la columna



5. Diseño de zapata

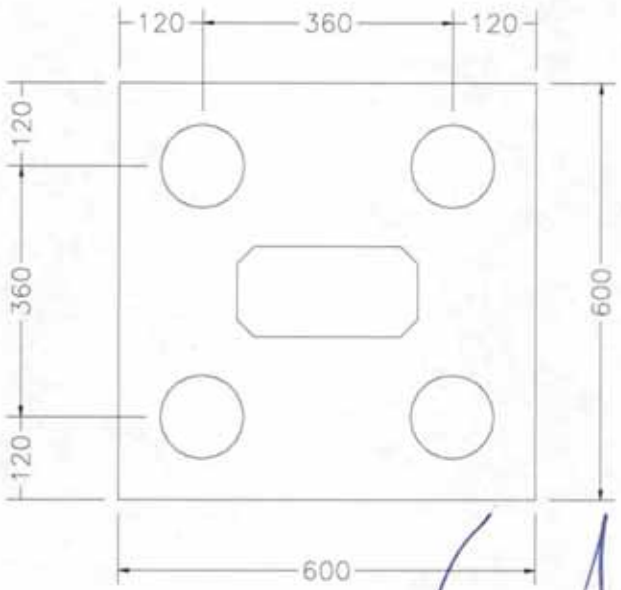
Se propone una zapata de 6 × 6 metros, desplantada sobre 4 pilotes de 1.20 m de diámetro.

5.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar cimentación por pilas de cimentación, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 368 Ton/pila.

5.2 Dimensiones de la zapata

Se propone utilizar una zapata con las siguientes dimensiones:



5.3 Cargas

Las cargas que se aplicarán son las correspondientes al punto 2 de esta memoria, trasladadas al nivel de desplante de la zapata.

5.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)	%
AASHTO I	759.60	0.00	55.70	0.00	933.10	100
AASHTO II	627.70	6.10	25.20	78.93	326.09	125
AASHTO III	759.60	10.93	69.36	162.73	1,124.13	125
AASHTO VII-A	627.70	18.36	61.20	226.01	753.37	133
AASHTO VII-B	627.70	61.20	18.36	753.37	226.01	133

La siguiente tabla se muestran las diferentes combinaciones de cargas últimas:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)
AASHTO I	1,188.27	0.00	72.41	0.00	1,337.85
AASHTO II	816.01	7.93	32.76	102.61	423.91
AASHTO III	1,038.92	14.21	90.17	211.55	1,493.35
AASHTO VII-A	816.01	23.87	79.56	293.82	979.38
AASHTO VII-B	816.01	79.56	23.87	979.38	293.82

5.5 Revisión de esfuerzos

La carga máxima y mínima en los pilotes se puede evaluar a partir de la siguiente expresión:

$$\sigma = \frac{Pv}{Npilas} \pm \frac{Mlong}{Slong} \pm \frac{Mtrans}{Strans}$$

Donde :

Npil = 4

Slong = 7.2 m

Strans = 7.2 m

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***	***Carga Admisible (Ton)***
AASHTO I	361	60	368.00
AASHTO II	257	101	460.00
AASHTO III	412	11	460.00
AASHTO VII-A	343	21	489.44
AASHTO VII-B	344	21	489.44

De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	Carga Máxima (Ton)	Carga Mínima (Ton)
AASHTO I	495	111
AASHTO II	292	131
AASHTO III	513	23
AASHTO VII-A	405	27
AASHTO VII-B	406	27

5.8 Diseño a flexión de la zapata

El momento último se obtuvo del análisis de elemento finito realizado, a la zapata.

El momento último es igual a:

Mu = Mux + Muxy = 349.5 Ton-m/m

El área de acero requerido por flexión esta dado por las siguientes ecuaciones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2} \right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 349.5 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 150 - 7 – 1.6 = 141.4 cm
b = 100 cm

Se obtiene que:

As req = 68.9 cm2 y a = 13.6 cm

El área de acero mínima es igual a:

As min = 27.1 cm2

El área de acero máxima es igual a:
As max = 0.019 × b × d = 267.9 cm2

∴ Utilizar varillas del No. 10 @ 10 cm en la parte inferior de la zapata.

5.9 Revisión a cortante

5.9.1 Revisión a corte por penetración

El esfuerzo cortante, en la conexión entre zapata y columna para cada combinación de carga, se muestra en la siguiente tabla:

COMBINACION	Pu	Mu Long	Mu Trans	σ corte por Pu	σ corte por Mu Long	σ corte por Mu Trans	SUMA	σ corte ultimo pemisible
	(Ton)	(Ton-m)	(Ton-m)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)
AASHTO I	1,019.79	0.00	1,222.75	5.55	-	2.42	7.97	14.78
AASHTO II	647.53	90.72	413.90	3.52	0.17	0.82	4.51	14.78
AASHTO III	870.44	190.23	1,351.61	4.73	0.36	2.67	7.77	14.78
AASHTO VII-A	647.53	258.01	899.17	3.52	0.49	1.78	5.79	14.78
AASHTO VII-B	647.53	860.04	297.14	3.52	1.63	0.59	5.74	14.78
AASHTO VII-C	485.65	258.01	889.39	2.64	0.49	1.76	4.89	14.78
AASHTO VII-D	485.65	860.04	287.36	2.64	1.63	0.57	4.84	14.78

De la tabla anterior, se observa que el esfuerzo cortante es menor que el permisible, para todas las combinaciones.

∴ La zapata es adecuada por corte en dos direcciones.

5.9.2 Revisión a corte en una dirección

El cortante último es igual a:

$Vu = 513\ \text{Ton} \times 2\ \text{pilas} = 1016\ \text{Ton}$

La resistencia a cortante del concreto es igual a:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 600 \times 141 = 603\ \text{Ton}$

$\phi Vc = 603$

El requerimiento de acero es igual a:

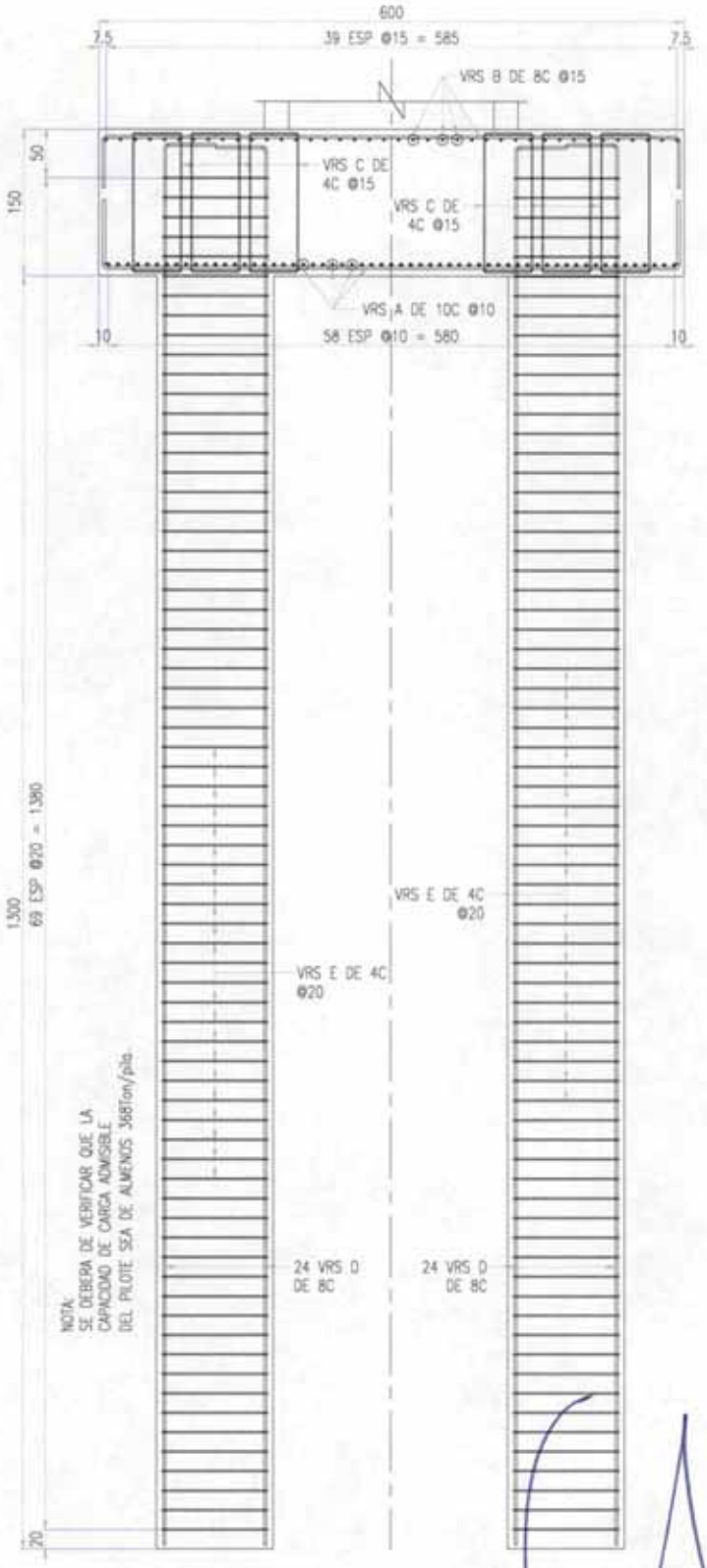
$$Vs = \frac{Vu - \phi Vc}{\phi} = 486\ \text{Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{486}{4.2 \times 141} = 0.82\ \text{cm2/cm}$$

∴ Colocar 0.82 cm2/cm de acero de refuerzo por cortante

5.10 Croquis de la zapata



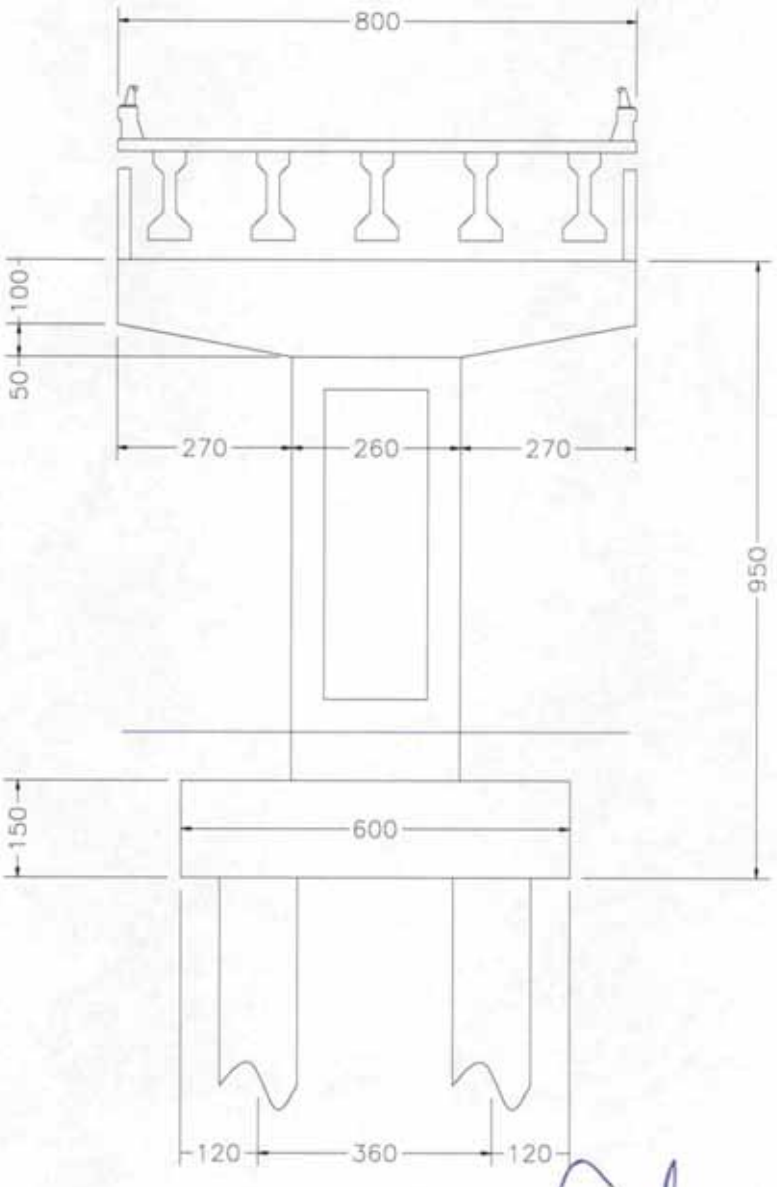
DISEÑO DE PILA INTERMEDIA

EJE 50

DISTRIBUIDOR JT

1. Geometría de la pila

Se propone la siguiente pila, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre la pila

2.1 Cargas muertas

La carga muerta proveniente de la superestructura es igual a:

DL = 369 Ton

2.2 Cargas Vivas

La carga viva para la pila es igual a:

$V_{T3S2R4\text{-}28m}$= 48.5 Ton

Para 2 bandas de circulación:

LL = 48.5 Ton × 2 bandas × 2 claros = 194 Ton
$M_{LLTRANS}$ = 0.60 × 194 = 116.4 Ton-m

Estas cargas se deberán de aumentar en un 23% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 194 Ton × 0.05 = 9.7 Ton

Esta fuerza se aplica a una altura igual a 3.92 m por encima del nivel de la corona.

2.4 Fuerzas Centrífugas

Esta parte del puente NO se localiza en curva, por lo que no existe ninguna fuerza centrífuga.

2.5 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 28 × 2.55 = 25.7 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 28 × 2.55 = 6.2 Ton

Esta fuerza se aplica a una altura igual a 1.81 m por encima del nivel de la corona.

2.6 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar el viento actuando en la carga viva:

$$W\ transversal = 100\ lb/ft \times \left(\frac{194}{160}\right)^2 = 147\ lb/ft$$

$$W\ longitudinal = 40\ lb/ft \times \left(\frac{194}{160}\right)^2 = 59\ lb/ft$$

Por el viento transversal:

$Ptrans = 0.22\ Ton/m \times 28\ m = 6.2\ Ton$

Por el viento longitudinal:

$Plong = 0.09\ Ton/m \times 28\ m = 2.5\ Ton$

Esta fuerza se aplica a una altura igual a 4.22 m por encima del nivel de la ménsula.

2.7 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y período de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S\ trans = 1.5 \times 0.3 \times \left(\frac{369}{4} + \frac{69.2}{2}\right) = 57.1\ Ton$$

$$S\ long = 1.5 \times 0.3 \times \left(\frac{369}{4} + \frac{69.2}{2}\right) = 57.1\ Ton$$

Esta fuerza se aplica a una altura igual a 1.15 m por encima del nivel del cabezal.

2.8 Combinaciones de carga

Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	$1.3 (D + 1.67 L + CF)$
AASHTO II	$1.3 (D + W)$
AASHTO III	$1.3 (D + L + 0.3W + W_{LL} + LF + CF)$
AASHTO VII-a	$1.3 (D + EQ_{TR} + 0.30EQ_{LON})$
AASHTO VII-b	$1.3 (D + 0.30EQ_{TR} + EQ_{LON})$
AASHTO VII-c	$1.3 (0.75D + EQ_{TR} + 0.30EQ_{LON})$
AASHTO VII-d	$1.3 (0.75D + 0.30EQ_{TR} + EQ_{LON})$

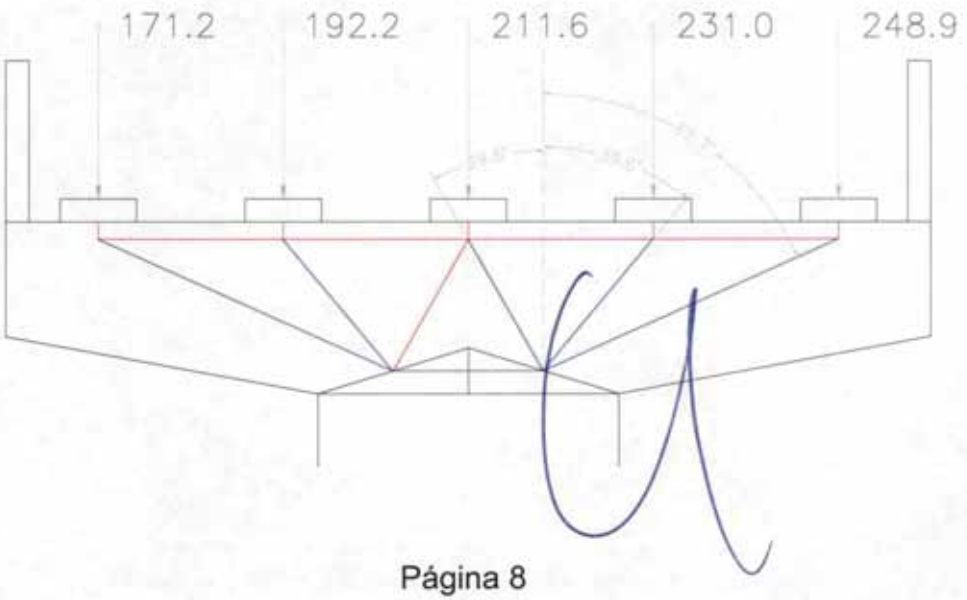
3. Diseño de cabezal

3.1 Sección Propuesta

Se propone la siguiente sección transversal para fines de diseño:

3.2 Diseño a flexión

Para analizar el cabezal se utilizará el método del strut and tie, por lo que la distribución de fuerzas en el cabezal queda de la siguiente manera:



Resolviendo la armadura se obtiene que las máximas fuerzas de tensión y compresión son:

C1 = 604.8Ton
T2 = 742.4 Ton

El esfuerzo en el miembro C1 es igual

$$\sigma c = \frac{604800}{40 \times 140} = 108 \text{ kg/cm2}$$

Por lo que usando concreto f'c= 350 kg/cm2, se obtiene que:

σc = 108 kg/cm2 = 0.31 f'c < 0.5f'c

$\therefore$ La resistencia del concreto es adecuada

El área de acero requerida en la parte superior es igual a:

$$As = \frac{Tu}{\phi fy} = \frac{742.4}{0.85 \times 4.2} = 208 \text{ cm2}$$

$\therefore$ Colocar 208cm2 de acero de refuerzo en la parte superior por flexión

3.3 Diseño a cortante

La resistencia del concreto a cortante esta dada por la siguiente expresión:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{350} \times 140 \times 125 = 147.5 \text{ Ton}$$

El cortante último es igual a 479.9 Ton, por lo que requerimiento de acero es igual a :

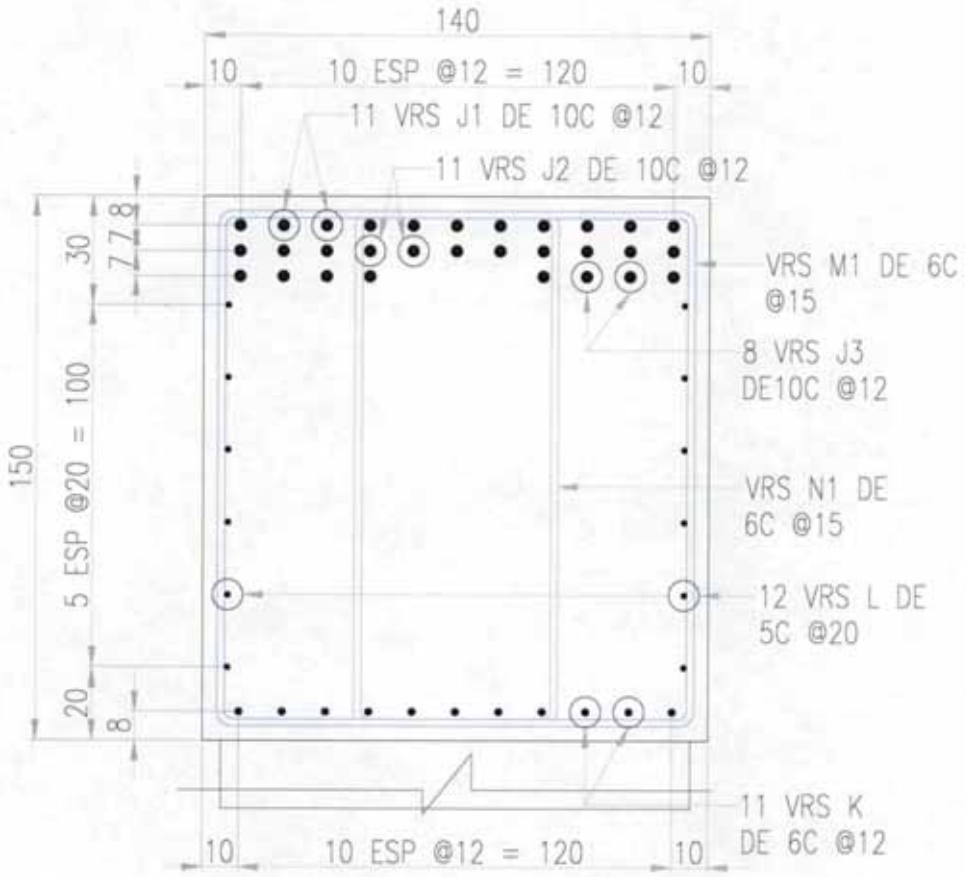
$$Vs = \frac{Vu - \phi Vc}{\phi} = \frac{479.9 - 147.5}{0.85} = 391.1 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{391.1}{4.2 \times 125} = 0.74 \text{ cm2/cm}$$

$\therefore$ Colocar 0.74 cm2/cm de acero de refuerzo por cortante

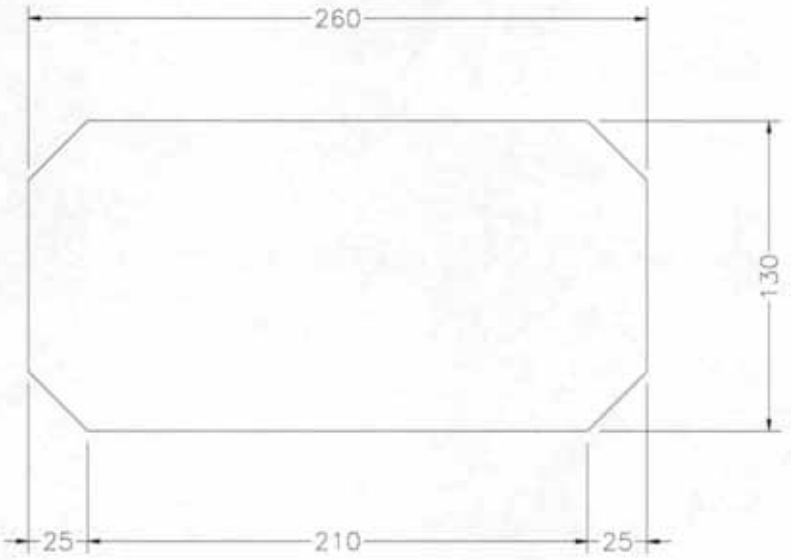
3.4 Croquis del Cabezal



4. Diseño de columnas

4.1 Sección propuesta

Se utilizará una columna de 260 x 130 cm hecha a base de concreto **f'c= 350 kg/cm2**. La sección transversal se muestra en el siguiente diagrama:



4.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga que se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Muy (Ton-m)*	*Muz (Ton-m)*
AASHTO I	1,120.33	0.00	310.83
AASHTO II	602.29	79.07	327.75
AASHTO III	912.50	212.77	380.52
AASHTO VII-A	602.29	203.76	679.20
AASHTO VII-B	602.29	679.20	203.76
AASHTO VII-C	451.72	203.76	679.20
AASHTO VII-D	451.72	679.20	203.76

4.3 Consideración de los efectos de esbeltez

4.3.1 Sentido transversal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden.

En la siguiente tabla se muestran los momentos amplificados en el sentido transversal:

Combinación	*Pu (Ton)*	*Muz (Ton-m)*	*βD*	*EI (kg-cm2)*	*K*	*ϕPcr (Ton)*	*δ*	*Mc (Ton-m)*
I	1,120.33	310.83	0.00	1.94E+13	2.10	79,144.65	1.01	315.29
II	602.29	327.75	0.00	1.94E+13	2.10	79,144.65	1.01	330.27
III	912.50	380.52	0.00	1.94E+13	2.10	79,144.65	1.01	384.96
VII-A	602.29	679.20	0.00	1.94E+13	2.10	79,144.65	1.01	684.41
VII-B	602.29	203.76	0.00	1.94E+13	2.10	79,144.65	1.01	205.32
VII-C	451.72	679.20	0.00	1.94E+13	2.10	79,144.65	1.01	683.10
VII-D	451.72	203.76	0.00	1.94E+13	2.10	79,144.65	1.01	204.93

4.3.2 Sentido longitudinal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden en el sentido longitudinal.

En la siguiente tabla se muestran los momentos amplificados en el sentido longitudinal:

Combinación	Pu (Ton)	Muy (Ton-m)	βD	EI (kg-cm2)	K	ϕPcr (Ton)	δ	Mc (Ton-m)
I	1,120.33	0.00	0.00	4.92E+12	2.10	12,032.04	1.10	-
II	602.29	79.07	0.00	4.92E+12	2.10	12,032.04	1.05	83.24
III	912.50	212.77	0.00	4.92E+12	2.10	12,032.04	1.08	230.23
VII-A	602.29	203.76	0.00	4.92E+12	2.10	12,032.04	1.05	214.50
VII-B	602.29	679.20	0.00	4.92E+12	2.10	12,032.04	1.05	715.00
VII-C	451.72	203.76	0.00	4.92E+12	2.10	12,032.04	1.04	211.71
VII-D	451.72	679.20	0.00	4.92E+12	2.10	12,032.04	1.04	705.70

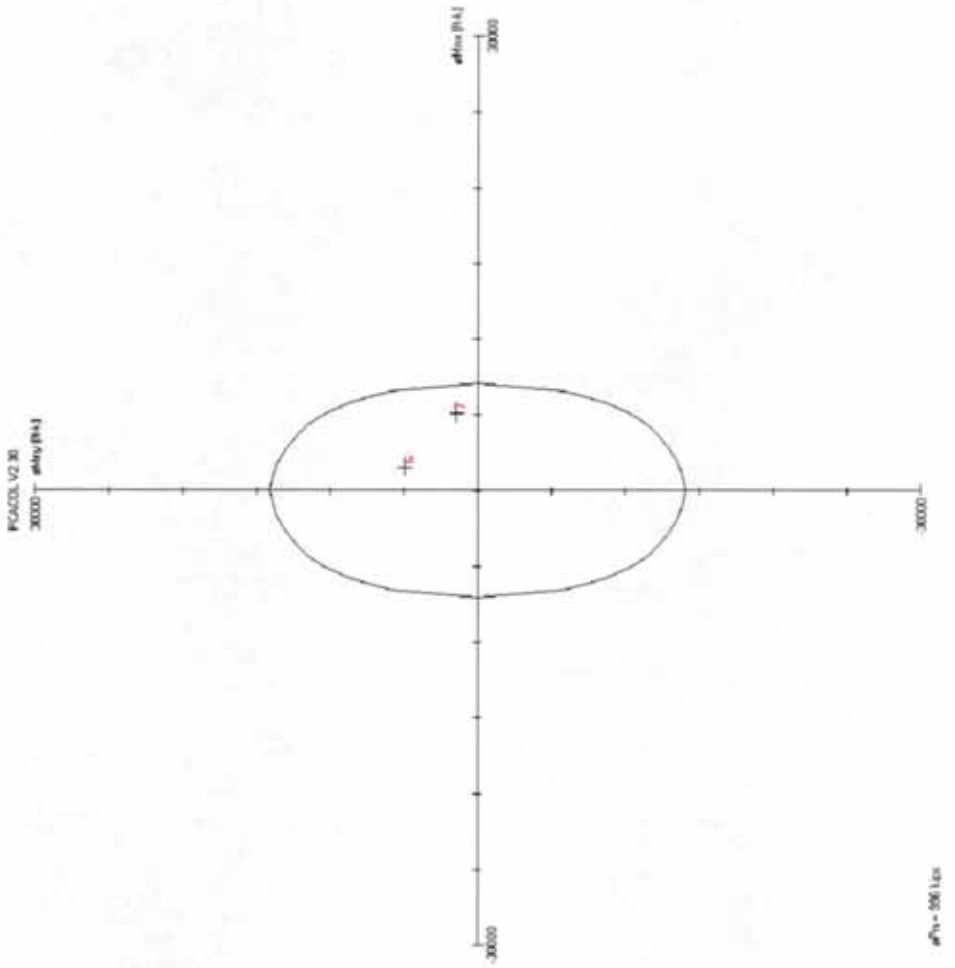
4.4 Elementos Mecánicos

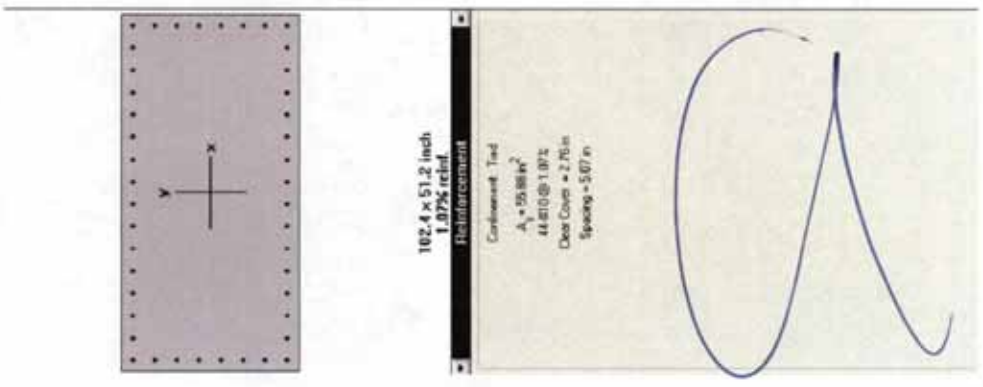
Los elementos mecánicos que se utilizarán en el diseño se muestran en la siguiente tabla. El momento resultante que se muestra a continuación es el que resulta de sumar vectorialmente los momentos amplificados transversales y longitudinales.

Combinación	Pu (Ton)	Mcy (Ton-m)	Mcz (Ton-m)
I	1,120.33	-	315.29
II	602.29	83.24	330.27
III	912.50	230.23	384.96
VII-A	602.29	214.50	684.41
VII-B	602.29	715.00	205.32
VII-C	451.72	211.71	683.10
VII-D	451.72	705.70	204.93

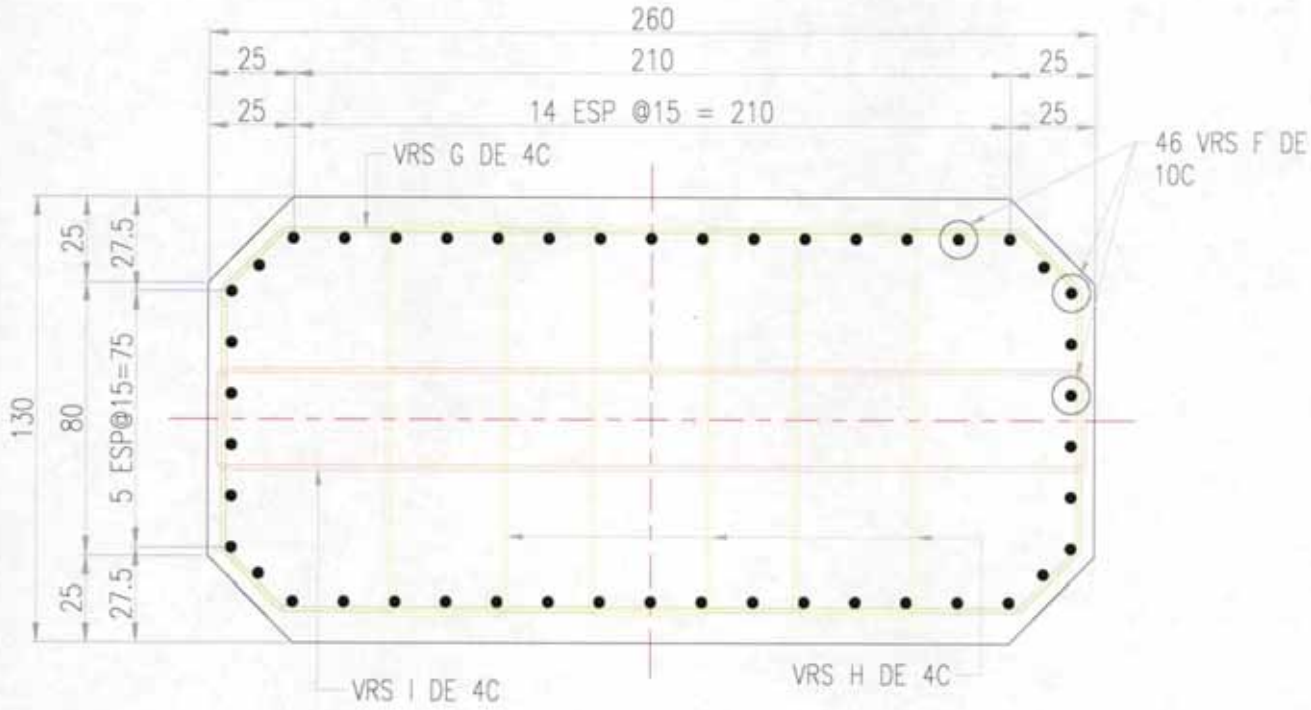
4.5 Diseño de la columna

A continuación se presenta el diagrama de interacción para una columna de **f'c= 350 kg/cm2** con 44 varillas del No. 10 y estribo del No. 4 a cada 20 cms. En este diagrama se puede apreciar que la columna es adecuada, para resistir las solicitaciones que se presentan.





4.6 Croquis de la columna



5. Diseño de zapata

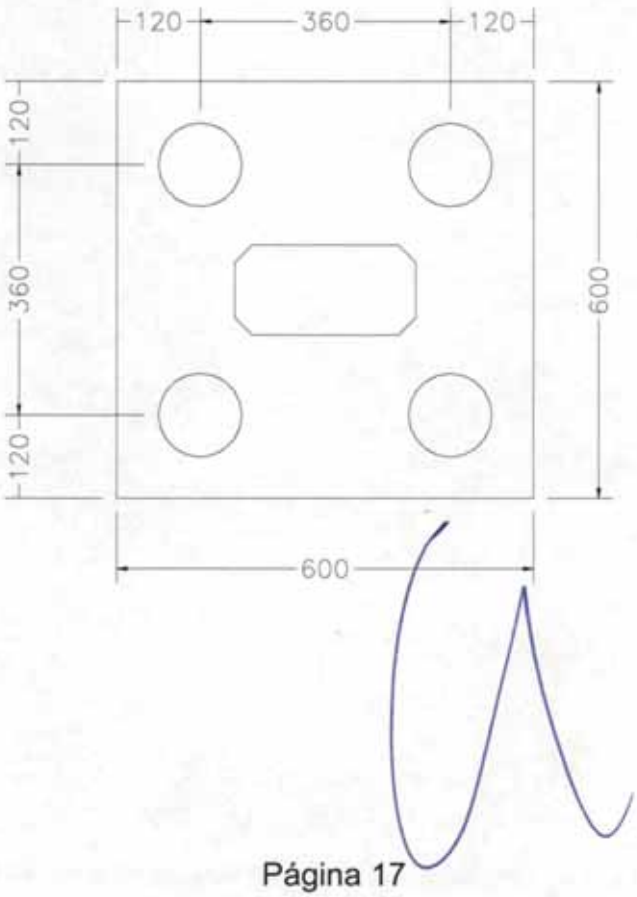
Se propone una zapata de 6 × 6 metros, desplantada sobre 4 pilotes de 1.20 m de diámetro.

5.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar cimentación por pilas de cimentación, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 368 Ton/pila.

5.2 Dimensiones de la zapata

Se propone utilizar una zapata con las siguientes dimensiones:



5.3 Cargas

Las cargas que se aplicarán son las correspondientes al punto 2 de esta memoria, trasladadas al nivel de desplante de la zapata.

5.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)	%
AASHTO I	786.90	0.00	0.00	0.00	116.40	100
AASHTO II	592.90	6.20	25.70	70.12	290.67	125
AASHTO III	786.90	14.06	13.91	184.76	286.80	125
AASHTO VII-A	592.90	17.13	57.10	182.43	608.12	133
AASHTO VII-B	592.90	57.10	17.13	608.12	182.43	133

La siguiente tabla se muestran las diferentes combinaciones de cargas últimas:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)
AASHTO I	1,293.03	0.00	0.00	0.00	313.35
AASHTO II	770.77	8.06	33.41	91.16	377.87
AASHTO III	1,083.50	18.28	18.08	240.19	409.16
AASHTO VII-A	770.77	22.27	74.23	237.16	790.55
AASHTO VII-B	770.77	74.23	22.27	790.55	237.16

5.5 Revisión de esfuerzos

La carga máxima y mínima en los pilotes se puede evaluar a partir de la siguiente expresión:

$$\sigma = \frac{Pv}{Npilas} \pm \frac{Mlong}{Slong} \pm \frac{Mtrans}{Strans}$$

Donde :

Npil = 4

Slong = 7.2 m

Strans = 7.2 m

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***	***Carga Admisible (Ton)***
AASHTO I	212.89	180.56	368.00
AASHTO II	198.33	98.12	460.00
AASHTO III	262.22	131.23	460.00
AASHTO VII-A	258.02	38.43	489.44
AASHTO VII-B	258.02	38.43	489.44

De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	*Carga Máxima (Ton)*	*Carga Mínima (Ton)*
AASHTO I	370	279.74
AASHTO II	275	127.55
AASHTO III	372	180.69
AASHTO VII-A	367	49.95
AASHTO VII-B	375	49.95

5.8 Diseño a flexión de la zapata

El momento último se puede determinar a partir de:

Mu = 375 × 2 pilas × 1.15 m = 862.5 Ton-m

El área de acero requerido por flexión esta dado por las siguientes ecuaciones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2}\right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 862.5 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 150 - 7 – 1.6 = 141.4 cm
b = 600 cm

Se obtiene que:

As req = 164.5 cm2 y a = 5.4 cm

El área de acero mínima es igual a:

As min = 27.1 × 6 = 162.6 cm2

El área de acero máxima es igual a:

As max = 0.019 × b × d = 1612 cm2

∴ Utilizar varillas del No. 10 @ 14 cm en la parte inferior de la zapata.

5.9 Revisión a cortante

5.9.1 Revisión a corte por penetración

El esfuerzo cortante, en la conexión entre zapata y columna para cada combinación de carga, se muestra en la siguiente tabla:

COMBINACION	Pu	Mu Long	Mu Trans	σ corte por Pu	σ corte por Mu Long	σ corte por Mu Trans	SUMA	σ corte ultlimo pemisible
	(Ton)	(Ton-m)	(Ton-m)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)
AASHTO I	1,120.33	0.00	310.83	6.09	-	0.61	6.71	14.78
AASHTO II	602.29	79.07	327.75	3.28	0.15	0.65	4.07	14.78
AASHTO III	912.50	212.77	380.52	4.96	0.40	0.75	6.12	14.78
AASHTO VII-A	602.29	203.76	679.20	3.28	0.39	1.34	5.01	14.78
AASHTO VII-B	602.29	679.20	203.76	3.28	1.29	0.40	4.97	14.78
AASHTO VII-C	451.72	203.76	679.20	2.46	0.39	1.34	4.19	14.78
AASHTO VII-D	451.72	679.20	203.76	2.46	1.29	0.40	4.15	14.78

De la tabla anterior, se observa que el esfuerzo cortante es menor que el permisible, para todas las combinaciones.

∴ La zapata es adecuada por corte en dos direcciones.

5.9.2 Revisión a corte en una dirección

El cortante último es igual a:

Vu = 375 Ton × 2 pilas = 750 Ton

La resistencia a cortante del concreto es igual a:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 600 \times 141 = 603$ Ton

$\phi Vc = 603$

El requerimiento de acero es igual a:

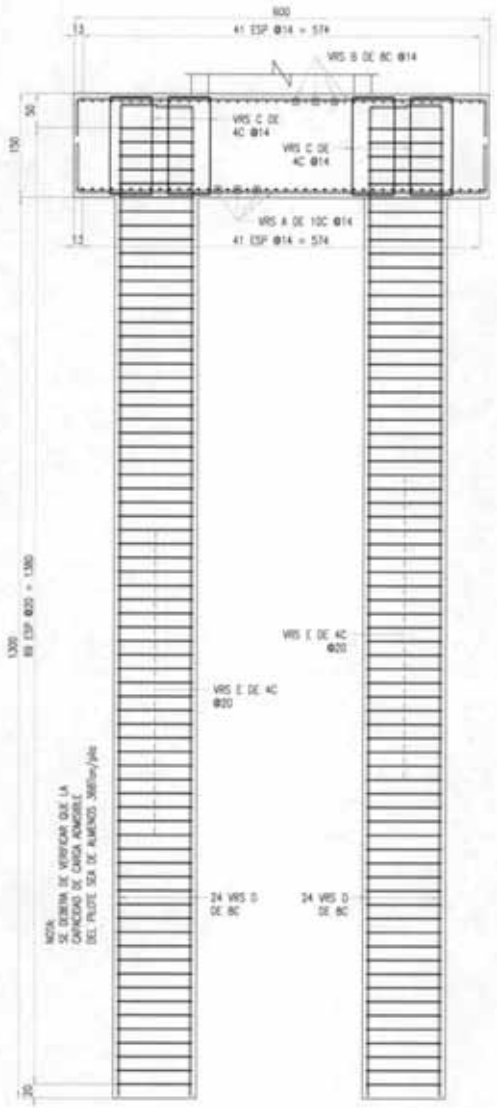
$$Vs = \frac{Vu - \phi Vc}{\phi} = 172.9 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{172.9}{4.2 \times 141} = 0.29 \text{ cm2/cm}$$

$\therefore$ Colocar 0.29 cm2/cm de acero de refuerzo por cortante

5.10 Croquis de la zapata



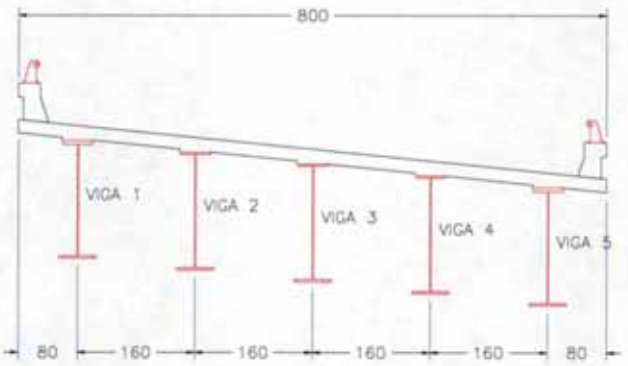
DISEÑO DE VIGAS METÁLICAS

EJE 50

DISTRIBUIDOR JT

1. Sección transversal

La sección transversal del puente se muestra en la siguiente figura:



2. Geometría

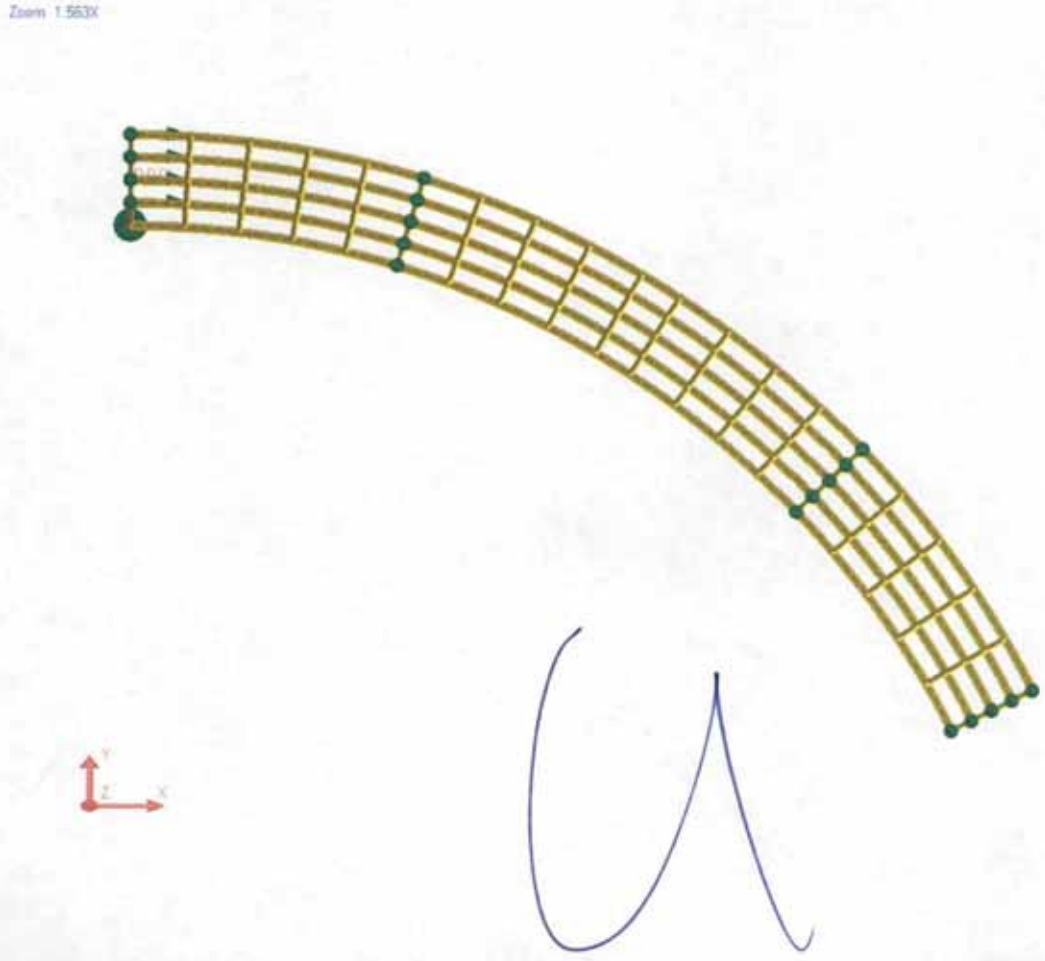
La geometría de las trabes se muestra en la siguiente tabla:

Columna1	RADIO DE LA VIGA	CLARO 1	CLARO 2	CLARO 3	LONGITUD TOTAL	ESPACIAMIENTO DE DIAFRAGMAS
	(m)	(m)	(m)	(m)	(m)	(m)
VIGA 1	71.11	20.94	36.65	20.94	78.53	4.19
VIGA 2	69.51	20.47	35.82	20.47	76.77	4.09
VIGA 3	67.91	20.00	35.00	20.00	75.00	4.00
VIGA 4	66.31	19.53	34.18	19.53	73.23	3.91
VIGA 5	64.71	19.06	33.35	19.06	71.47	3.81

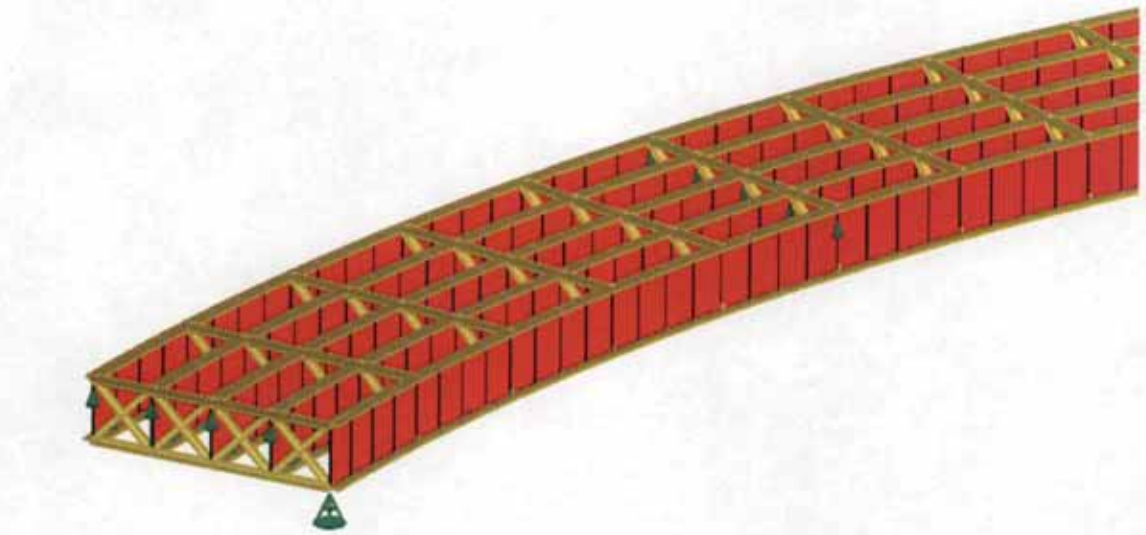
3. Método de análisis

Para el análisis de las vigas curvas se utilizó el programa LARSA 4D, en el cual se creó un modelo de elemento finito, modelando los patines de las vigas como elementos viga y el alma utilizando elementos placa, conectados rigidamente para las combinaciones de carga donde aplique, con la losa de concreto modelada con elementos placa. Este análisis en 4 dimensiones, toma en consideración la flexión lateral sobre los patines, por lo que los esfuerzos que se obtengan se pueden comparar directamente con los indicados en las Especificaciones AASHTO para el Diseño de Puentes con Curvatura Horizontal; tal y como lo indica en su inciso 4.3.2.

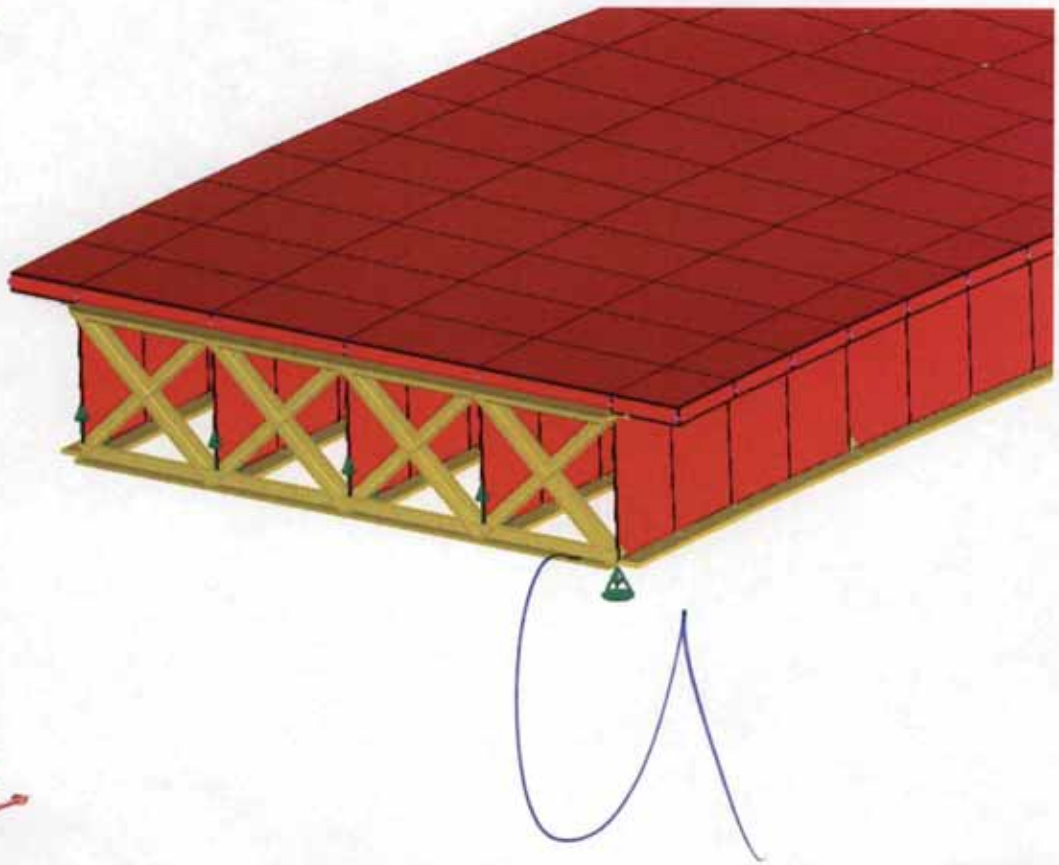
En las siguientes figuras se muestra un modelo utilizado:



Zoom 4.768X



Zoom 11.20X



4. Cargas Muertas antes de la acción compuesta

4.1 Peso Propio

Se considera un peso volumétrico de 7,840 kg/m3 para el acero estructural.

4.2 Losa

Wlosa = 2,400 × 0.20 × 1.6 = 768 kg/m

4.3 Diafragmas

Se considera un peso volumétrico de 7,840 kg/m3 para el acero estructural.

5. Cargas Muertas después de la acción compuesta

Se considera un espesor de carpeta de 12 cms en la zona de la calzada y un peso de 530 kg/m para las guarniciones y parapetos; por tener una geometría curva, la distribución de cargas se hizo en base a un análisis de elemento finito.

6. Cargas Vivas

6.1 Tren de cargas

Se considera el paso de un camión T3S3R4 en dos bandas de circulación, la distribución de cargas se hizo en base al análisis de elemento finito que se realizó.

6.2 Impacto

De acuerdo a las especificaciones del AASHTO para el diseño de puentes curvos, se utilizó un factor de impacto de 0.25 para flexión y de 0.30 para corte.

7. Fuerzas Centrífugas

De acuerdo al inciso 3.10 del reglamento del AASHTO, se deberá aplicar radialmente un porcentaje de la carga viva a una altura de 1.8 m por encima de la rasante:

$C = \frac{6.68 \times S^2}{R}$; donde:

S = Velocidad en mph = 60 kmh = 37.5 mph

R = Radio de la curva = 67.91 m = 222.8 ft

Substituyendo se obtiene que:

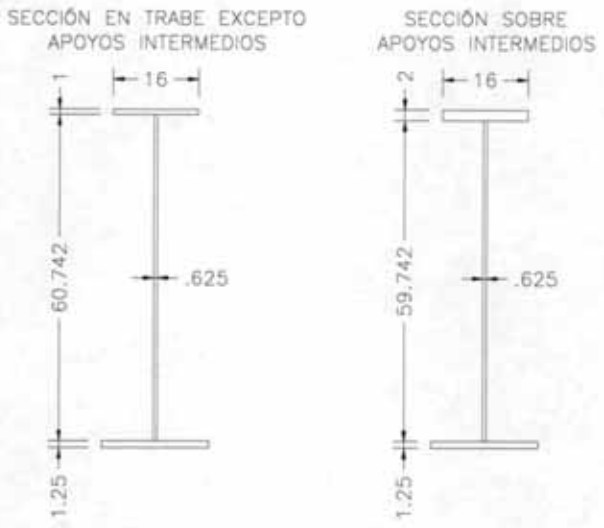
$C = \frac{6.68 \times 37.5^2}{222.8} = 42.2\ \%$

A este porcentaje se le puede disminuir el valor mínimo de sobrelevación en el tramo.

8. Secciones Transversales

Se utilizan las siguientes secciones transversales:

SECCIÓN EN VIGAS 1 Y 2



SECCIÓN EN VIGAS 3 A 5

9. Revisión de Patín Inferior

En la siguiente tabla se muestra el esfuerzo obtenido en el análisis de elemento finito, y el esfuerzo crítico en el patín de acuerdo a las especificaciones.

Cad. (m)	fb (ksi)	fl (ksi)	fl/fb	L/bf	L/R	Lambda	Fbs (ksi)	rhoB	rhoW	rhoB x rhoW	Fcr1 (ksi)	Fcr2 (ksi)	Fcr (ksi)	Max Esfuerzo (ksi)		%
-	-1.32	0.28	-0.21	0.69	0.06	0.11	48.22	0.94	0.91	0.86	41.66	49.91	41.66	-1.60	OK	4%
5.00	6.59	-0.73	-0.11	0.69	0.06	0.11	48.22	0.94	0.94	0.89	44.52	49.76	44.52	7.32	OK	16%
10.00	7.24	-2.82	-0.39	0.69	0.06	0.11	48.22	0.94	0.87	0.82	40.94	49.06	40.94	10.07	OK	25%
15.00	-4.88	-1.79	0.37	0.69	0.06	0.11	48.22	0.94	1.07	1.00	48.22	49.40	48.22	-6.67	OK	14%
20.00	-32.97	-5.93	0.18	0.69	0.06	0.11	48.22	0.94	1.02	0.96	46.51	48.02	46.51	-38.90	OK	84%
25.00	1.41	-1.29	-0.92	0.69	0.06	0.11	48.22	0.94	0.72	0.68	34.21	49.57	34.21	2.70	OK	8%
30.00	17.40	-2.95	-0.17	0.69	0.06	0.11	48.22	0.94	0.93	0.88	43.76	49.02	43.76	20.36	OK	47%
35.00	10.36	-0.58	-0.06	0.69	0.06	0.11	48.22	0.94	0.96	0.90	45.21	49.81	45.21	10.94	OK	24%
40.00	8.34	-0.73	-0.09	0.69	0.06	0.11	48.22	0.94	0.95	0.90	44.81	49.76	44.81	9.07	OK	20%
45.00	0.43	0.07	0.16	0.69	0.06	0.11	48.22	0.94	1.02	0.96	47.97	49.98	47.97	0.50	OK	1%
50.00	-11.21	-1.44	0.13	0.69	0.06	0.11	48.22	0.94	1.01	0.95	45.88	49.52	45.88	-12.65	OK	28%
55.00	-30.86	-4.67	0.15	0.69	0.06	0.11	48.22	0.94	1.01	0.96	46.16	48.44	46.16	-35.53	OK	77%
60.00	-2.68	-0.88	0.33	0.69	0.06	0.11	48.22	0.94	1.06	1.00	48.22	49.71	48.22	-3.56	OK	7%
65.00	-9.11	-3.23	0.35	0.69	0.06	0.11	48.22	0.94	0.88	0.83	39.92	48.92	39.92	-12.34	OK	31%
70.00	-2.42	-0.83	-0.34	0.69	0.06	0.11	48.22	0.94	0.88	0.83	40.07	49.72	40.07	-3.25	OK	8%
75.00	-1.22	-0.20	-0.17	0.69	0.06	0.11	48.22	0.94	0.93	0.88	42.24	49.93	42.24	-1.43	OK	3%

10. Revisión de Patín Superior

En la siguiente tabla se muestra el esfuerzo obtenido en el análisis de elemento finito, y el esfuerzo crítico en el patín de acuerdo a las especificaciones.

Cad. (m)	fb (ksi)	fl (ksi)	fl/fb	L/bf	L/R	Lambda	Fbs (ksi)	rhoB	rhoW	rhoB x rhoW	Fcr1 (ksi)	Fcr2 (ksi)	Fcr (ksi)	Max Esfuerzo (ksi)		%
-	2.80	0.69	0.24	-	-	-	50.00	1.00	1.20	1.00	50.00	49.77	49.77	3.49	OK	7%
5.00	3.57	0.15	0.04	-	-	-	50.00	1.00	1.14	1.00	50.00	49.95	49.95	3.72	OK	7%
10.00	0.69	-0.71	-1.03	-	-	-	50.00	1.00	0.82	0.82	41.09	49.76	41.09	1.41	OK	3%
15.00	14.94	-0.75	-0.05	-	-	-	50.00	1.00	1.11	1.00	50.00	49.75	49.75	15.69	OK	32%
20.00	20.31	12.49	0.61	-	-	-	50.00	1.00	1.31	1.00	50.00	45.84	45.84	32.79	OK	72%
25.00	4.27	-0.68	-0.16	-	-	-	50.00	1.00	1.08	1.00	50.00	49.77	49.77	4.95	OK	10%
30.00	-9.09	0.95	-0.10	-	-	-	50.00	1.00	1.10	1.00	50.00	49.68	49.68	-10.04	OK	20%
35.00	-15.06	0.95	-0.06	-	-	-	50.00	1.00	1.11	1.00	50.00	49.68	49.68	-16.01	OK	32%
40.00	-11.17	0.70	-0.06	-	-	-	50.00	1.00	1.11	1.00	50.00	49.77	49.77	-11.86	OK	24%
45.00	-9.44	0.76	-0.08	-	-	-	50.00	1.00	1.11	1.00	50.00	49.75	49.75	-10.20	OK	21%
50.00	18.06	-1.32	-0.07	-	-	-	50.00	1.00	1.11	1.00	50.00	49.56	49.56	19.38	OK	39%
55.00	29.47	12.33	0.42	-	-	-	50.00	1.00	1.26	1.00	50.00	45.89	45.89	41.81	OK	91%
60.00	9.48	-1.24	-0.13	-	-	-	50.00	1.00	1.09	1.00	50.00	49.59	49.59	10.71	OK	22%
65.00	2.83	-0.93	-0.33	-	-	-	50.00	1.00	1.03	1.00	50.00	49.69	49.69	3.76	OK	8%
70.00	0.10	0.07	0.70	-	-	-	50.00	1.00	1.34	1.00	50.00	49.98	49.98	0.17	OK	0%
75.00	2.77	0.70	0.25	-	-	-	50.00	1.00	1.21	1.00	50.00	49.77	49.77	3.47	OK	7%

11. Revisión a corte

Del análisis se obtiene que el cortante último es igual a:

Vu = 340 kips

El cortante último no será mayor de:

$Vu = C \times Vp$

Donde:

$Vp = 0.58 \times 50 \times 60.74 \times 5/8 = 1101$ kips

$$C = \frac{4.5e7 \times k}{\left(\frac{D}{tw}\right)^2 \times Fy} = \frac{4.5e7 \times 5}{97.2^2 \times 50000} = 0.476$$

Substituyendo se obtiene que:

Vu = 0.476 × 1101 = 524 kips > 340

∴ La viga es adecuada a cortante

12. Revisión de deflexión

De acuerdo al inciso 10.6 del AASHTO, la deflexión producida por carga viva más impacto, en puentes donde no hay paso peatonal, la deflexión máxima no debe ser mayor de L / 800. Así mismo, el inciso 10.6.4, nos

indica que podemos utilizar un factor de distribución tomando en cuenta que todas las vigas tienen la misma deflexión.

De un análisis realizado a la viga se obtiene que la máxima deflexión es igual a:

$$\Delta = 32 \text{ mm} \approx \frac{L}{1094} < \frac{L}{800}$$

$\therefore$ La viga es adecuada por deflexión.

13. Conectores de corte

13.1 Resistencia última

Utilizando conectores de corte de 7/8" de diámetro, la resistencia última de un conector es igual a:

$$\Phi Su = 0.85 \times 0.4 \times d^2 \times \sqrt{f'cEc} < 60{,}000 \text{ Asc}$$

Substituyendo se obtiene que:

$$\Phi Su = 0.85 \times 0.4 \times 0.875^2 \times \sqrt{20.15 \times 10^9} < 60{,}000 \times 0.601$$

ΦSu =36,952 lbs > 60,000 Asc $\therefore$ Usar 30,667 lbs

La fuerza que se transfiere entre la viga y la losa es igual a:

$Pp = 0.85 \times 5000 \times 63.0 \times 7.087 =$ 1,898 kips

Ademas, por ser curvo tenemos una fuerza lateral sobre el conector igual a:

$$Fp = Pp \times \frac{Lp}{R} = 1898 \times \frac{4.5}{71.11} = 120 \text{ kips}$$

La fuerza total sobre el conector es igual a:

$$P = \sqrt{1898^2 + 120^2} = 1902 \text{ kips}$$

Por lo tanto se requiere un número de conectores, entre el punto de máximo momento en el primer claro y el extremo, no menor de:

$$N_{sc} = \frac{1902}{30.7} = 62 \text{ conectores}$$

Estos conectores se deberán colocar en una distancia de 4.5 mts, por lo que utilizando 3 líneas se tiene que el espacimiento máximo es igual:

$$Smax = \frac{4.5}{62} \times 3 \text{conectores} = 0.22 \text{ m}$$

13.2 Requerimiento de conectores por fatiga

El rango de fatiga en el conector no puede ser mayor de:

$$Zr = \alpha\, d^2$$

Substituyendo se obtiene que:

$$Zr = 7850 \times 0.875^2 = 6{,}010 \text{ lb}$$

El rango de cortante provocado por la carga viva más impacto se obtiene a partir de la siguiente ecuación:

$Vsr = \sqrt{Vfat^2 + Ffat^2}$

$Vfat = \frac{V \times Q}{I} = 1.33$ k/in

$Ffat = \frac{Fcr}{w} = 0.4$ k/in

Vsr = 1.39 kip/in

La separación entre conectores no puede ser mayor de:

$Espaciamiento = \frac{3 \times 6}{1.39} = 12.95$ in = 32.9 cm

$\therefore$ Rige el espacimiento por resistencia última

14. Soldadura patín – alma

Suponiendo que usamos el tamaño mínimo de soldadura de 5/16", obtenemos que la resistencia última de la soldadura es igual al menor de:

$\Phi Rn = 0.75 \times 0.6 \times 58 \times 0.625 = 16.3$ kip/ in

$\Phi Rn = 0.75 \times 0.707 \times 2 \times 0.6 \times 70 \times 5/16 = 13.9$ kip/in

Por lo tanto la soldadura tiene una resistencia de 13.9 kip/in

El flujo de cortante en la unión patín-alma es igual a:

$$v = \frac{V \times Q}{I} = \frac{340 \times 1173}{77935} = 5.12 \text{ kips/in} < \Phi Rn$$

∴ La soldadura de 5/16" es adecuada

15. Atiesadores en apoyo

Se proponen utilizar atiesadores en los apoyos formados por dos placas de 7" × 1"; de conformidad a lo establecido en el inciso 10.34.6 del AASHTO.

15.1 Espesor mínimo de atiesadores

De acuerdo con el reglamento del AASHTO, el espesor mínimo del atiesador en el apoyo no debe ser menor de:

$$t > \frac{b'}{12} \times \sqrt{\frac{Fy}{33{,}000}}$$

Substituyendo se obtiene que:

$$t > \frac{7}{12} \times \sqrt{\frac{50{,}000}{33{,}000}} = 0.72$$

∴ El espesor de 1" es adecuado

15.2 Revisión por aplastamiento

La resistencia al aplastamiento esta dada por:

$\Phi Rn = 0.75 \times 1.8 \times Fy \times Apn$

Substituyendo se obtiene que:

$\Phi Rn = 0.75 \times 1.8 \times 50 \times 2 \times 1 \times (7\text{-}1) = 810$ kips

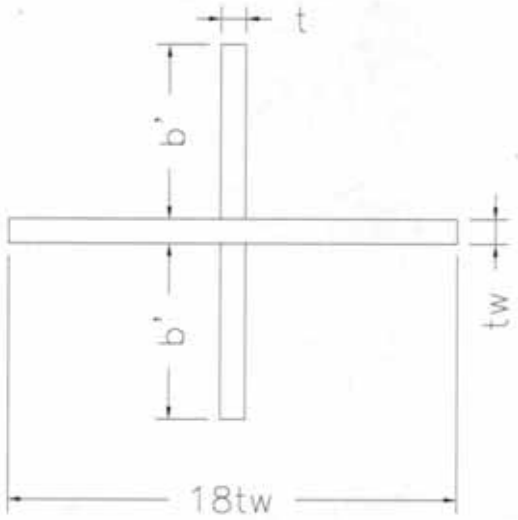
$\Phi Rn = 810$ kips $> Ru = 415$ kips

∴ El atiesador es adecuado por aplastamiento

15.3 Revisión como columna

De acuerdo al inciso 10.34.6.1, la sección a compresión que debe resistir el total de la reacción, es el área de los atiesadores, mas una franja de 18 veces el espesor.

Por lo que la sección que resiste la carga se muestra en la siguiente figura:



Las propiedades de la sección son:

As = 14 + 7 = 21 in2

r = 3.3 in

KL = 60.74 in

KL/r = 18.41

Por lo que el esfuerzo crítico de pandeo esta dado por:

$$Fcr = Fy \times \left\{1 - \frac{Fy}{4\pi^2 E}(KL/r)^2\right\} = 49.3 \text{ ksi}$$

La resistencia a compresión esta dada por:

$\Phi Pn = 0.85 \times 21 \times 49.3 = 880 > Pu$

$\therefore$ El atiesador es adecuado a compresión

15.4 Soldadura de atiesador

Utilizando la soldadura mínima de 5/16" en las cuatro esquinas de unión, obtenemos que la resistencia esta dada por la menor de:

$\Phi Rn = 0.75 \times 0.6 \times 65 \times 0.625 \times 2$ lados $= 36.6$ kip/ in

$\Phi Rn = 0.75 \times 0.707 \times 0.6 \times 70 \times 4 \times 5/16 = 27.8$ kip/in

Por lo que soldando el atiesador en toda su longitud se obtiene que:

$\Phi Rn = 27.8$ kip/in $\times 60$ in $= 1668$ kips $> Vu$

$\therefore$ La soldadura es adecuada

CONSTRUCTORA MOYEDA SA DE CV

EJE-50 ANALISIS CARGA MUERTA

Sábado, 14 de Marzo de 2009	CONSTRUCTORA MOYEDA CONSTRUCTORA MOYEDA SA DE CV	MORONES PRIETO 1310 PTE COL. PIO X MONTERREY, NL. MEXICO 64710 Tel: 818-348-2404

PROJECT SUMMARY

INPUT PROPERTIES	Count	INPUT GEOMETRY	Count	LOAD CASES	Count
Universal Restraints	None	Joints	1292	Load Cases	4
Materials	4	Members	1450	Combination Cases	None
Sections	6	Plates	825	Construction Stages	3
User Coordinate System	1	Springs	None	Linked Databases	None
Spring Curves	None	Isolators / Bearings	None		
Isolator Property	None	Mass Elements	None		
Creep Definitions	None	Steve / Masters	None		
		Tendons	None		

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INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 5	- RESULT : Joint Displacements	Page 41
- INPUT : UCSs	Page 5	- RESULT : Reactions	Page 64
- INPUT : Sections	Page 5	- RESULT : Member End Forces (Local)	Page 64
- INPUT : Section Stress Points	Page 5	- RESULT : Member Stresses	Page 127
- INPUT : Section Dimensions	Page 6		
- INPUT : More Material Properties	Page 6		
- STRUCTURE GROUP SUMMARY	Page 7		
- Load Cases	Page 14		
- Stage Summary	Page 39		

Graphics: isometrico

Zoom 1.563X

INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
A572-G50	2.04e7	0.2946	7,874,347.79	7.8491	11.700000	Yes
Fy=350-LargoPlazo	941,650.67	0.1800	398,004.52	0.0000	9.900000	Yes
Rigid Material	1.00e10	0.1111	4.50e9	0.0000	0.000000	Yes
A36	2.04e7	0.2946	7,874,347.79	7.8491	11.700000	Yes

INPUT : UCSs

Name	Type	Origin X (m)	Origin Y (m)	Origin Z (m)	Axis Point X (m)	Axis Point Y (m)	Axis Point Z (m)	Point on XY Plane X	Point on XY Plane Y	Point on XY Plane Z	Angle Z	Angle X	Angle Y	Assigned
eje50	Bridge	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000				No

INPUT : Sections

Name	Section Area (in²)	Shear Area in yy (in²)	Shear Area in zz (in²)	Torsion Constant (in^4)	Inertia izz (in^4)	Inertia iyy (in^4)	Plastic Modulus Zyy (in³)	Plastic Modulus Zzz (in³)	Perimeter (in)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
Rigid Connection	10.0000e8	0.0000	0.0000	10.0000e8	10.0000e8	10.0000e8	0.0000	0.0000	0.0000	(NONE)	50	0	Yes
Patin Superior	18.0000	13.3333	13.3333	5.3280	1.3333	341.3333	0.0000	0.0000	34.0000	(NONE)	50	0	Yes
Patin inferior	25.0000	20.8333	20.8333	13.0078	3.2552	833.3333	0.0000	0.0000	42.5000	(NONE)	50	0	Yes
L8x8x3/4 [DB:American]	8.44	3.75	3.75	1.81	28.2	28.2	12	12	24	0	50	0	Yes
2L8x8x3/4 [DB:American]	16.9	0	0	0	56.3	0	0	24	0	0	50	0	Yes
Patin Sup - 2"	32.0000	26.6667	26.6667	39.2960	10.6667	682.6667	0.0000	0.0000	36.0000	(NONE)	50	0	Yes

INPUT : Section Stress Points

Name	Point 1 Y (in)	Point 1 Z (in)	Point 2 Y (in)	Point 2 Z (in)	Point 3 Y (in)	Point 3 Z (in)	Point 4 Y (in)	Point 4 Z (in)	Point 5 Y (in)	Point 5 Z (in)	Point 6 Y (in)	Point 6 Z (in)
Rigid Connection	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	(none)	(none)	(none)	(none)
Patin Superior	0.5000	9.0000	0.5000	-9.0000	-0.5000	-9.0000	-0.5000	9.0000	(none)	(none)	(none)	(none)
Patin inferior	0.6250	10.0000	0.6250	-10.0000	-0.6250	-10.0000	-0.6250	10.0000	(none)	(none)	(none)	(none)
L8x8x3/4 [DB:American]	4.2250	-1.7750	-1.7750	-1.7750	-1.7750	4.2250	(none)	(none)	(none)	(none)	(none)	(none)
2L8x8x3/4 [DB:American]	4.2250	0.7500	4.2250	-0.7500	-1.7750	-6.0000	-1.7750	-6.0000	(none)	(none)	(none)	(none)
Patin Sup - 2"	1.0000	9.0000	1.0000	-9.0000	-1.0000	-9.0000	-1.0000	9.0000	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
Rigid Connection	Unspecified						
Patin Superior	Rectangle	1.0000	18.0000				
Patin Inferior	Rectangle	1.2500	20.0000				
L8x8x3/4 [DB:American]	Angle (DB)	8	8	.75			
2L8x8x3/4 [DB:American]	2L Shape (DB)	8	8	.75	0		
Patin Sup - 2"	Rectangle	2.0000	18.0000				

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
A572-G50	35,153.34	0.020	Cylinder	49,699.34	Not Concrete	0.00	(NONE)	Yes
Fy=350-LargoPlazo	0.00	0.020	Cylinder	3,515.33	Not Concrete	0.00	(NONE)	Yes
Rigid Material	0.00	0.020	Cylinder	0.00	Not Concrete	0.00	(NONE)	Yes
A36	25,310.40	0.020	Cylinder	40,777.87	Not Concrete	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

Diafragmas

Members

228	229	230	231	244	245	246	247	260	261
262	263	276	277	278	279	292	293	294	295
308	309	310	311	324	325	326	327	340	341
342	343	356	357	358	359	372	373	374	375
385	386	387	388	401	402	403	404	417	418
419	420	433	434	435	436	449	450	451	452
465	466	467	468	481	482	483	484	497	498
499	500	513	514	515	516	529	530	531	532
534	535	536	537	550	551	552	553	566	567
568	569	582	583	584	585	598	599	600	601
614	615	616	617	630	631	632	633	646	647
648	649	662	663	664	665	678	679	680	681
691	692	695	694	707	708	709	710	723	724
725	726	739	740	741	742	755	756	757	758
771	772	773	774	787	788	789	790	803	804
805	806	819	820	821	822	835	836	837	838
840	841	842	843	856	857	858	859	872	873
874	875	888	888	890	891	904	905	906	907
920	921	922	923	936	937	938	939	952	953
954	955	968	969	970	971	984	985	986	987
997	998	999	1000	1013	1014	1015	1016	1029	1030
1031	1032	1045	1046	1047	1048	1061	1062	1063	1064
1077	1078	1079	1080	1093	1094	1095	1096	1109	1110
1111	1112	1125	1126	1127	1128	1141	1142	1143	1144
1146	1147	1148	1149	1182	1183	1184	1185	1178	1179
1180	1181	1194	1195	1196	1197	1210	1211	1212	1213
1226	1227	1228	1229	1242	1243	1244	1245	1258	1259
1260	1261	1274	1275	1276	1277	1290	1291	1292	1293
1303	1304	1305	1306	1319	1320	1321	1322	1335	1336
1337	1338	1351	1352	1353	1354	1367	1368	1369	1370
1383	1384	1385	1386	1399	1400	1401	1402	1415	1416

1417	1418	1431	1432	1433	1434	1447	1448	1449	1450

Vigas

Joints

79	79	81	82	84	85	87	89	90	91
93	94	96	97	99	100	102	103	105	106
108	109	111	112	114	115	117	118	120	121
123	124	126	127	129	130	132	133	135	136
138	139	141	142	144	145	147	148	150	151
153	154	156	157	159	160	162	163	165	166
168	169	171	172	174	175	177	179	180	181
183	184	186	187	189	190	192	193	195	196
198	199	201	202	204	205	207	208	210	211
213	214	216	217	219	220	222	223	225	226
228	229	231	232	234	235	237	238	240	241
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258	259	261	262	264	265	267	268	270	271
273	274	276	277	279	280	282	283	285	286
288	289	291	292	294	295	297	298	300	301
303	304								

Members

3	4	6	7	9	10	12	13	15	16
18	19	21	22	24	25	27	28	30	31
33	34	36	37	39	40	42	43	45	46
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168	169	171	172	174	175	177	179	180	181
183	184	186	187	189	190	192	193	195	196
198	199	201	202	204	205	207	208	210	211
213	214	216	217	219	220	222	223	225	226

Plates

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75					

Viga2

Joints

306	307	308	310	312	313	315	316	318	319
321	322	324	325	327	328	330	331	333	334
336	337	339	340	342	343	345	346	348	349
351	352	354	355	357	358	360	361	363	364
366	367	369	370	372	373	375	376	378	379
381	382	384	385	387	388	390	391	393	394
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426	427	429	430	432	433	435	436	438	439
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501	502	504	505	507	508	510	511	513	514
516	517	519	520	522	523	525	526	528	529
531	532								

Members

233	234	236	237	239	240	242	243	249	250
252	253	255	256	258	259	265	266	268	269
271	272	274	275	281	282	284	285	287	288
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332	333	335	336	338	339	345	346	348	349
351	352	354	355	361	362	364	365	367	368

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393	394	396	397	399	400	406	407	409	410
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431	432	438	439	441	442	444	445	447	448
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473	474	476	477	479	480	486	487	489	490
492	493	495	496	502	503	505	506	508	509
511	512	518	519	521	522	524	525	527	528

Plates

76	77	78	79	80	81	82	83	84	85
86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115
116	117	118	119	120	121	122	123	124	125
126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145
146	147	148	149	150					

Viga3

Joints

534	535	537	538	540	541	543	544	546	547
549	550	552	553	555	556	558	559	561	562
564	565	567	568	570	571	573	574	576	577
579	580	582	583	585	586	588	589	591	592
594	595	597	598	600	601	603	604	606	607
609	610	612	613	615	616	618	619	621	622
624	625	627	628	630	631	633	634	636	637
639	640	642	643	645	646	648	649	651	652
654	655	657	658	660	661	663	664	666	667
669	670	672	673	675	676	678	679	681	682
684	685	687	688	690	691	693	694	696	697
699	700	702	703	705	706	708	709	711	712
714	715	717	718	720	721	723	724	726	727
729	730	732	733	735	736	738	739	741	742
744	745	747	748	750	751	753	754	756	757
759	760								

Members

539	540	542	543	545	546	548	549	550	556
558	559	561	562	564	565	571	572	574	575
577	578	580	581	587	588	590	591	593	594
596	597	603	604	606	607	609	610	612	613
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676	677	683	684	686	687	689	690	696	697
699	700	702	703	705	706	712	713	715	716
718	719	721	722	728	729	731	732	734	735
737	738	744	745	747	748	750	751	753	754
760	761	763	764	766	767	769	770	776	777
779	780	782	783	785	786	792	793	795	796
798	799	801	802	808	809	811	812	814	815
817	818	824	825	827	828	830	831	833	834

Plates

151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225					

Vigas

Joints

762	763	765	766	768	769	771	772	774	775
777	778	780	781	783	784	786	787	789	790
792	793	795	796	798	799	801	802	804	805
807	808	810	811	813	814	816	817	819	820
822	823	825	826	828	829	831	832	834	835
837	838	840	841	843	844	846	847	849	850
852	853	855	856	858	859	861	862	864	865
867	868	870	871	873	874	876	877	879	880

882	883	885	886	888	889	891	892	894	895
897	898	900	901	903	904	906	907	909	910
912	913	915	916	918	919	921	922	924	925
927	928	930	931	933	934	936	937	939	940
942	943	945	946	948	949	951	952	954	955
957	958	960	961	963	964	966	967	969	970
972	973	975	976	978	979	981	982	984	985
987	988								

Members

845	846	848	849	851	852	854	855	861	862
864	865	867	869	870	871	877	878	880	881
883	884	886	887	893	894	896	897	899	900
902	903	909	910	912	913	915	916	918	919
925	926	928	929	931	932	934	935	941	942
944	945	947	948	950	951	957	958	960	961
963	964	966	967	973	974	976	977	979	980
982	983	989	990	992	993	995	996	1002	1003
1005	1006	1008	1009	1011	1012	1014	1015	1021	1022
1024	1025	1027	1028	1034	1035	1037	1038	1040	1041
1043	1044	1050	1051	1053	1054	1056	1057	1059	1060
1066	1067	1068	1070	1072	1073	1075	1076	1082	1083
1085	1086	1088	1089	1091	1092	1098	1099	1101	1102
1104	1105	1107	1108	1114	1115	1117	1118	1120	1121
1123	1124	1130	1131	1133	1134	1136	1137	1139	1140

Plates

226	227	228	229	230	231	232	233	234	235
236	237	238	239	240	241	242	243	244	245
246	247	248	249	250	251	252	253	254	255
256	257	258	259	260	261	262	263	264	265
266	267	268	269	270	271	272	273	274	275
276	277	278	279	280	281	282	283	284	285
286	287	288	289	290	291	292	293	294	295
296	297	298	299	300					

Vigas

Joints

990	991	993	994	996	997	999	1000	1002	1003
1005	1006	1008	1009	1011	1012	1014	1015	1017	1018
1020	1021	1023	1024	1026	1027	1029	1030	1032	1033
1035	1036	1038	1039	1041	1042	1044	1045	1047	1048
1050	1051	1053	1054	1056	1057	1059	1060	1062	1063
1065	1066	1068	1069	1071	1072	1074	1075	1077	1078
1080	1081	1083	1084	1086	1087	1089	1090	1092	1093
1095	1096	1098	1099	1101	1102	1104	1105	1107	1108
1110	1111	1113	1114	1116	1117	1119	1120	1122	1123
1125	1126	1128	1129	1131	1132	1134	1135	1137	1138
1140	1141	1143	1144	1146	1147	1148	1150	1152	1153
1155	1156	1158	1159	1161	1162	1164	1165	1167	1168
1170	1171	1173	1174	1176	1177	1179	1180	1182	1183
1185	1186	1188	1189	1191	1192	1194	1195	1197	1198
1200	1201	1203	1204	1206	1207	1209	1210	1212	1213
1215	1216								

Members

1151	1152	1154	1155	1157	1158	1160	1161	1167	1168
1170	1171	1173	1174	1176	1177	1183	1184	1186	1187
1189	1190	1192	1193	1199	1200	1202	1203	1205	1206
1208	1209	1215	1216	1218	1219	1221	1222	1224	1225
1231	1232	1234	1235	1237	1238	1240	1241	1247	1248
1250	1251	1253	1254	1256	1257	1263	1264	1266	1267
1269	1270	1272	1273	1279	1280	1282	1283	1285	1286
1288	1289	1295	1296	1298	1299	1301	1302	1308	1309
1311	1312	1314	1315	1317	1318	1324	1325	1327	1328
1330	1331	1333	1334	1340	1341	1343	1344	1346	1347
1348	1350	1356	1357	1359	1360	1362	1363	1365	1366
1372	1373	1375	1376	1378	1379	1381	1382	1388	1389
1391	1392	1394	1395	1397	1398	1404	1405	1407	1408
1410	1411	1413	1414	1420	1421	1423	1424	1426	1427
1429	1430	1436	1437	1439	1440	1442	1443	1445	1446

Plates

301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328	329	330

331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375					

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinat	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loading	# of THA Initial
1	Wpp	Static	None	Active	0.0000	0.0000	-1.0000	No	Yes	0	0	0	0	0	0	0	0
2	Losa	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	375	0	0	0	0	0
3	EL-C-	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	0	0	450	0	0	0
4	LASTRE	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	24	0	0	0	0	0

LOAD CASE Losa: Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (s/L)	End Position from start (s/L)
3	Uniform Force	Global Z	-0.7680		0.0000	1.0000
6	Uniform Force	Global Z	-0.7680		0.0000	1.0000
9	Uniform Force	Global Z	-0.7680		0.0000	1.0000
12	Uniform Force	Global Z	-0.7680		0.0000	1.0000
15	Uniform Force	Global Z	-0.7680		0.0000	1.0000
18	Uniform Force	Global Z	-0.7680		0.0000	1.0000
21	Uniform Force	Global Z	-0.7680		0.0000	1.0000
24	Uniform Force	Global Z	-0.7680		0.0000	1.0000
27	Uniform Force	Global Z	-0.7680		0.0000	1.0000
30	Uniform Force	Global Z	-0.7680		0.0000	1.0000
33	Uniform Force	Global Z	-0.7680		0.0000	1.0000
36	Uniform Force	Global Z	-0.7680		0.0000	1.0000
39	Uniform Force	Global Z	-0.7680		0.0000	1.0000
42	Uniform Force	Global Z	-0.7680		0.0000	1.0000
45	Uniform Force	Global Z	-0.7680		0.0000	1.0000
48	Uniform Force	Global Z	-0.7680		0.0000	1.0000
51	Uniform Force	Global Z	-0.7680		0.0000	1.0000
54	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (s/L)	End Position from start (s/L)
57	Uniform Force	Global Z	-0.7680		0.0000	1.0000
60	Uniform Force	Global Z	-0.7680		0.0000	1.0000
63	Uniform Force	Global Z	-0.7680		0.0000	1.0000
66	Uniform Force	Global Z	-0.7680		0.0000	1.0000
69	Uniform Force	Global Z	-0.7680		0.0000	1.0000
72	Uniform Force	Global Z	-0.7680		0.0000	1.0000
75	Uniform Force	Global Z	-0.7680		0.0000	1.0000
78	Uniform Force	Global Z	-0.7680		0.0000	1.0000
81	Uniform Force	Global Z	-0.7680		0.0000	1.0000
84	Uniform Force	Global Z	-0.7680		0.0000	1.0000
87	Uniform Force	Global Z	-0.7680		0.0000	1.0000
90	Uniform Force	Global Z	-0.7680		0.0000	1.0000
93	Uniform Force	Global Z	-0.7680		0.0000	1.0000
96	Uniform Force	Global Z	-0.7680		0.0000	1.0000
99	Uniform Force	Global Z	-0.7680		0.0000	1.0000
102	Uniform Force	Global Z	-0.7680		0.0000	1.0000
105	Uniform Force	Global Z	-0.7680		0.0000	1.0000
108	Uniform Force	Global Z	-0.7680		0.0000	1.0000
111	Uniform Force	Global Z	-0.7680		0.0000	1.0000
114	Uniform Force	Global Z	-0.7680		0.0000	1.0000
117	Uniform Force	Global Z	-0.7680		0.0000	1.0000
120	Uniform Force	Global Z	-0.7680		0.0000	1.0000
123	Uniform Force	Global Z	-0.7680		0.0000	1.0000
126	Uniform Force	Global Z	-0.7680		0.0000	1.0000
129	Uniform Force	Global Z	-0.7680		0.0000	1.0000
132	Uniform Force	Global Z	-0.7680		0.0000	1.0000
135	Uniform Force	Global Z	-0.7680		0.0000	1.0000
138	Uniform Force	Global Z	-0.7680		0.0000	1.0000
141	Uniform Force	Global Z	-0.7680		0.0000	1.0000
144	Uniform Force	Global Z	-0.7680		0.0000	1.0000
147	Uniform Force	Global Z	-0.7680		0.0000	1.0000
150	Uniform Force	Global Z	-0.7680		0.0000	1.0000
153	Uniform Force	Global Z	-0.7680		0.0000	1.0000
156	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (s/L)	End Position from start (s/L)
159	Uniform Force	Global Z	-0.7680		0.0000	1.0000
162	Uniform Force	Global Z	-0.7680		0.0000	1.0000
165	Uniform Force	Global Z	-0.7680		0.0000	1.0000
168	Uniform Force	Global Z	-0.7680		0.0000	1.0000
171	Uniform Force	Global Z	-0.7680		0.0000	1.0000
174	Uniform Force	Global Z	-0.7680		0.0000	1.0000
177	Uniform Force	Global Z	-0.7680		0.0000	1.0000
180	Uniform Force	Global Z	-0.7680		0.0000	1.0000
183	Uniform Force	Global Z	-0.7680		0.0000	1.0000
186	Uniform Force	Global Z	-0.7680		0.0000	1.0000
189	Uniform Force	Global Z	-0.7680		0.0000	1.0000
192	Uniform Force	Global Z	-0.7680		0.0000	1.0000
195	Uniform Force	Global Z	-0.7680		0.0000	1.0000
198	Uniform Force	Global Z	-0.7680		0.0000	1.0000
201	Uniform Force	Global Z	-0.7680		0.0000	1.0000
204	Uniform Force	Global Z	-0.7680		0.0000	1.0000
207	Uniform Force	Global Z	-0.7680		0.0000	1.0000
210	Uniform Force	Global Z	-0.7680		0.0000	1.0000
213	Uniform Force	Global Z	-0.7680		0.0000	1.0000
216	Uniform Force	Global Z	-0.7680		0.0000	1.0000
219	Uniform Force	Global Z	-0.7680		0.0000	1.0000
222	Uniform Force	Global Z	-0.7680		0.0000	1.0000
225	Uniform Force	Global Z	-0.7680		0.0000	1.0000
233	Uniform Force	Global Z	-0.7680		0.0000	1.0000
236	Uniform Force	Global Z	-0.7680		0.0000	1.0000
239	Uniform Force	Global Z	-0.7680		0.0000	1.0000
242	Uniform Force	Global Z	-0.7680		0.0000	1.0000
249	Uniform Force	Global Z	-0.7680		0.0000	1.0000
252	Uniform Force	Global Z	-0.7680		0.0000	1.0000
255	Uniform Force	Global Z	-0.7680		0.0000	1.0000
258	Uniform Force	Global Z	-0.7680		0.0000	1.0000
265	Uniform Force	Global Z	-0.7680		0.0000	1.0000
268	Uniform Force	Global Z	-0.7680		0.0000	1.0000
271	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m/ton-m)	Magnitude at End (m/ton or m/ton-m)	Start Position (s/L)	End Position from start (s/L)
274	Uniform Force	Global Z	-0.7680		0.0000	1.0000
281	Uniform Force	Global Z	-0.7680		0.0000	1.0000
284	Uniform Force	Global Z	-0.7680		0.0000	1.0000
287	Uniform Force	Global Z	-0.7680		0.0000	1.0000
290	Uniform Force	Global Z	-0.7680		0.0000	1.0000
297	Uniform Force	Global Z	-0.7680		0.0000	1.0000
300	Uniform Force	Global Z	-0.7680		0.0000	1.0000
303	Uniform Force	Global Z	-0.7680		0.0000	1.0000
306	Uniform Force	Global Z	-0.7680		0.0000	1.0000
313	Uniform Force	Global Z	-0.7680		0.0000	1.0000
316	Uniform Force	Global Z	-0.7680		0.0000	1.0000
319	Uniform Force	Global Z	-0.7680		0.0000	1.0000
322	Uniform Force	Global Z	-0.7680		0.0000	1.0000
329	Uniform Force	Global Z	-0.7680		0.0000	1.0000
332	Uniform Force	Global Z	-0.7680		0.0000	1.0000
335	Uniform Force	Global Z	-0.7680		0.0000	1.0000
338	Uniform Force	Global Z	-0.7680		0.0000	1.0000
345	Uniform Force	Global Z	-0.7680		0.0000	1.0000
348	Uniform Force	Global Z	-0.7680		0.0000	1.0000
351	Uniform Force	Global Z	-0.7680		0.0000	1.0000
354	Uniform Force	Global Z	-0.7680		0.0000	1.0000
361	Uniform Force	Global Z	-0.7680		0.0000	1.0000
364	Uniform Force	Global Z	-0.7680		0.0000	1.0000
367	Uniform Force	Global Z	-0.7680		0.0000	1.0000
370	Uniform Force	Global Z	-0.7680		0.0000	1.0000
377	Uniform Force	Global Z	-0.7680		0.0000	1.0000
380	Uniform Force	Global Z	-0.7680		0.0000	1.0000
383	Uniform Force	Global Z	-0.7680		0.0000	1.0000
386	Uniform Force	Global Z	-0.7680		0.0000	1.0000
393	Uniform Force	Global Z	-0.7680		0.0000	1.0000
396	Uniform Force	Global Z	-0.7680		0.0000	1.0000
399	Uniform Force	Global Z	-0.7680		0.0000	1.0000
406	Uniform Force	Global Z	-0.7680		0.0000	1.0000
409	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m/ton-m)	Magnitude at End (m/ton or m/ton-m)	Start Position (s/L)	End Position from start (s/L)
412	Uniform Force	Global Z	-0.7680		0.0000	1.0000
415	Uniform Force	Global Z	-0.7680		0.0000	1.0000
422	Uniform Force	Global Z	-0.7680		0.0000	1.0000
425	Uniform Force	Global Z	-0.7680		0.0000	1.0000
428	Uniform Force	Global Z	-0.7680		0.0000	1.0000
431	Uniform Force	Global Z	-0.7680		0.0000	1.0000
438	Uniform Force	Global Z	-0.7680		0.0000	1.0000
441	Uniform Force	Global Z	-0.7680		0.0000	1.0000
444	Uniform Force	Global Z	-0.7680		0.0000	1.0000
447	Uniform Force	Global Z	-0.7680		0.0000	1.0000
454	Uniform Force	Global Z	-0.7680		0.0000	1.0000
457	Uniform Force	Global Z	-0.7680		0.0000	1.0000
460	Uniform Force	Global Z	-0.7680		0.0000	1.0000
463	Uniform Force	Global Z	-0.7680		0.0000	1.0000
470	Uniform Force	Global Z	-0.7680		0.0000	1.0000
473	Uniform Force	Global Z	-0.7680		0.0000	1.0000
476	Uniform Force	Global Z	-0.7680		0.0000	1.0000
479	Uniform Force	Global Z	-0.7680		0.0000	1.0000
488	Uniform Force	Global Z	-0.7680		0.0000	1.0000
489	Uniform Force	Global Z	-0.7680		0.0000	1.0000
492	Uniform Force	Global Z	-0.7680		0.0000	1.0000
495	Uniform Force	Global Z	-0.7680		0.0000	1.0000
502	Uniform Force	Global Z	-0.7680		0.0000	1.0000
505	Uniform Force	Global Z	-0.7680		0.0000	1.0000
508	Uniform Force	Global Z	-0.7680		0.0000	1.0000
511	Uniform Force	Global Z	-0.7680		0.0000	1.0000
518	Uniform Force	Global Z	-0.7680		0.0000	1.0000
521	Uniform Force	Global Z	-0.7680		0.0000	1.0000
524	Uniform Force	Global Z	-0.7680		0.0000	1.0000
527	Uniform Force	Global Z	-0.7680		0.0000	1.0000
539	Uniform Force	Global Z	-0.7680		0.0000	1.0000
542	Uniform Force	Global Z	-0.7680		0.0000	1.0000
545	Uniform Force	Global Z	-0.7680		0.0000	1.0000
548	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
555	Uniform Force	Global Z	-0.7680		0.0000	1.0000
558	Uniform Force	Global Z	-0.7680		0.0000	1.0000
561	Uniform Force	Global Z	-0.7680		0.0000	1.0000
564	Uniform Force	Global Z	-0.7680		0.0000	1.0000
571	Uniform Force	Global Z	-0.7680		0.0000	1.0000
574	Uniform Force	Global Z	-0.7680		0.0000	1.0000
577	Uniform Force	Global Z	-0.7680		0.0000	1.0000
580	Uniform Force	Global Z	-0.7680		0.0000	1.0000
587	Uniform Force	Global Z	-0.7680		0.0000	1.0000
590	Uniform Force	Global Z	-0.7680		0.0000	1.0000
593	Uniform Force	Global Z	-0.7680		0.0000	1.0000
596	Uniform Force	Global Z	-0.7680		0.0000	1.0000
603	Uniform Force	Global Z	-0.7680		0.0000	1.0000
606	Uniform Force	Global Z	-0.7680		0.0000	1.0000
609	Uniform Force	Global Z	-0.7680		0.0000	1.0000
612	Uniform Force	Global Z	-0.7680		0.0000	1.0000
619	Uniform Force	Global Z	-0.7680		0.0000	1.0000
622	Uniform Force	Global Z	-0.7680		0.0000	1.0000
625	Uniform Force	Global Z	-0.7680		0.0000	1.0000
628	Uniform Force	Global Z	-0.7680		0.0000	1.0000
635	Uniform Force	Global Z	-0.7680		0.0000	1.0000
638	Uniform Force	Global Z	-0.7680		0.0000	1.0000
641	Uniform Force	Global Z	-0.7680		0.0000	1.0000
644	Uniform Force	Global Z	-0.7680		0.0000	1.0000
651	Uniform Force	Global Z	-0.7680		0.0000	1.0000
654	Uniform Force	Global Z	-0.7680		0.0000	1.0000
657	Uniform Force	Global Z	-0.7680		0.0000	1.0000
660	Uniform Force	Global Z	-0.7680		0.0000	1.0000
667	Uniform Force	Global Z	-0.7680		0.0000	1.0000
670	Uniform Force	Global Z	-0.7680		0.0000	1.0000
673	Uniform Force	Global Z	-0.7680		0.0000	1.0000
676	Uniform Force	Global Z	-0.7680		0.0000	1.0000
683	Uniform Force	Global Z	-0.7680		0.0000	1.0000
686	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
689	Uniform Force	Global Z	-0.7680		0.0000	1.0000
695	Uniform Force	Global Z	-0.7680		0.0000	1.0000
699	Uniform Force	Global Z	-0.7680		0.0000	1.0000
702	Uniform Force	Global Z	-0.7680		0.0000	1.0000
705	Uniform Force	Global Z	-0.7680		0.0000	1.0000
712	Uniform Force	Global Z	-0.7680		0.0000	1.0000
715	Uniform Force	Global Z	-0.7680		0.0000	1.0000
718	Uniform Force	Global Z	-0.7680		0.0000	1.0000
721	Uniform Force	Global Z	-0.7680		0.0000	1.0000
728	Uniform Force	Global Z	-0.7680		0.0000	1.0000
731	Uniform Force	Global Z	-0.7680		0.0000	1.0000
734	Uniform Force	Global Z	-0.7680		0.0000	1.0000
737	Uniform Force	Global Z	-0.7680		0.0000	1.0000
744	Uniform Force	Global Z	-0.7680		0.0000	1.0000
747	Uniform Force	Global Z	-0.7680		0.0000	1.0000
750	Uniform Force	Global Z	-0.7680		0.0000	1.0000
753	Uniform Force	Global Z	-0.7680		0.0000	1.0000
760	Uniform Force	Global Z	-0.7680		0.0000	1.0000
763	Uniform Force	Global Z	-0.7680		0.0000	1.0000
766	Uniform Force	Global Z	-0.7680		0.0000	1.0000
769	Uniform Force	Global Z	-0.7680		0.0000	1.0000
776	Uniform Force	Global Z	-0.7680		0.0000	1.0000
779	Uniform Force	Global Z	-0.7680		0.0000	1.0000
782	Uniform Force	Global Z	-0.7680		0.0000	1.0000
785	Uniform Force	Global Z	-0.7680		0.0000	1.0000
792	Uniform Force	Global Z	-0.7680		0.0000	1.0000
795	Uniform Force	Global Z	-0.7680		0.0000	1.0000
798	Uniform Force	Global Z	-0.7680		0.0000	1.0000
801	Uniform Force	Global Z	-0.7680		0.0000	1.0000
808	Uniform Force	Global Z	-0.7680		0.0000	1.0000
811	Uniform Force	Global Z	-0.7680		0.0000	1.0000
814	Uniform Force	Global Z	-0.7680		0.0000	1.0000
817	Uniform Force	Global Z	-0.7680		0.0000	1.0000
824	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m-ton/m)	Magnitude at End (m/ton or m-ton/m)	Start Position (x/L)	End Position from start (x/L)
827	Uniform Force	Global Z	-0.7680		0.0000	1.0000
830	Uniform Force	Global Z	-0.7680		0.0000	1.0000
833	Uniform Force	Global Z	-0.7680		0.0000	1.0000
845	Uniform Force	Global Z	-0.7680		0.0000	1.0000
848	Uniform Force	Global Z	-0.7680		0.0000	1.0000
851	Uniform Force	Global Z	-0.7680		0.0000	1.0000
854	Uniform Force	Global Z	-0.7680		0.0000	1.0000
861	Uniform Force	Global Z	-0.7680		0.0000	1.0000
864	Uniform Force	Global Z	-0.7680		0.0000	1.0000
867	Uniform Force	Global Z	-0.7680		0.0000	1.0000
870	Uniform Force	Global Z	-0.7680		0.0000	1.0000
877	Uniform Force	Global Z	-0.7680		0.0000	1.0000
880	Uniform Force	Global Z	-0.7680		0.0000	1.0000
883	Uniform Force	Global Z	-0.7680		0.0000	1.0000
886	Uniform Force	Global Z	-0.7680		0.0000	1.0000
893	Uniform Force	Global Z	-0.7680		0.0000	1.0000
896	Uniform Force	Global Z	-0.7680		0.0000	1.0000
899	Uniform Force	Global Z	-0.7680		0.0000	1.0000
902	Uniform Force	Global Z	-0.7680		0.0000	1.0000
909	Uniform Force	Global Z	-0.7680		0.0000	1.0000
912	Uniform Force	Global Z	-0.7680		0.0000	1.0000
915	Uniform Force	Global Z	-0.7680		0.0000	1.0000
918	Uniform Force	Global Z	-0.7680		0.0000	1.0000
925	Uniform Force	Global Z	-0.7680		0.0000	1.0000
928	Uniform Force	Global Z	-0.7680		0.0000	1.0000
931	Uniform Force	Global Z	-0.7680		0.0000	1.0000
934	Uniform Force	Global Z	-0.7680		0.0000	1.0000
941	Uniform Force	Global Z	-0.7680		0.0000	1.0000
944	Uniform Force	Global Z	-0.7680		0.0000	1.0000
947	Uniform Force	Global Z	-0.7680		0.0000	1.0000
950	Uniform Force	Global Z	-0.7680		0.0000	1.0000
957	Uniform Force	Global Z	-0.7680		0.0000	1.0000
960	Uniform Force	Global Z	-0.7680		0.0000	1.0000
963	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m-ton/m)	Magnitude at End (m/ton or m-ton/m)	Start Position (x/L)	End Position from start (x/L)
966	Uniform Force	Global Z	-0.7680		0.0000	1.0000
973	Uniform Force	Global Z	-0.7680		0.0000	1.0000
976	Uniform Force	Global Z	-0.7680		0.0000	1.0000
979	Uniform Force	Global Z	-0.7680		0.0000	1.0000
982	Uniform Force	Global Z	-0.7680		0.0000	1.0000
989	Uniform Force	Global Z	-0.7680		0.0000	1.0000
992	Uniform Force	Global Z	-0.7680		0.0000	1.0000
995	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1002	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1005	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1008	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1011	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1018	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1021	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1024	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1027	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1034	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1037	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1040	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1043	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1050	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1053	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1056	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1059	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1066	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1069	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1072	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1075	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1082	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1085	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1088	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1091	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1098	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1101	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m/ton-m)	Magnitude at End (m/ton or m/ton-m)	Start Position (x/L)	End Position from start (x/L)
1104	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1107	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1114	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1117	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1120	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1123	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1130	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1133	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1136	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1138	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1151	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1154	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1157	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1160	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1167	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1170	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1173	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1179	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1183	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1186	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1189	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1192	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1199	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1202	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1205	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1208	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1215	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1218	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1221	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1224	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1231	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1234	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1237	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1240	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m/ton-m)	Magnitude at End (m/ton or m/ton-m)	Start Position (x/L)	End Position from start (x/L)
1247	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1250	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1253	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1256	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1263	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1266	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1269	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1272	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1279	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1282	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1285	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1288	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1295	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1298	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1301	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1308	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1311	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1314	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1317	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1324	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1327	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1330	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1333	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1340	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1343	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1346	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1349	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1356	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1359	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1362	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1365	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1372	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1375	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1379	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE Losa, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
1391	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1308	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1391	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1394	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1397	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1404	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1407	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1410	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1413	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1420	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1423	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1426	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1429	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1436	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1439	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1442	Uniform Force	Global Z	-0.7680		0.0000	1.0000
1445	Uniform Force	Global Z	-0.7680		0.0000	1.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
451	Uniform	Global Z	-0.0880			0.0000	0.0000
452	Uniform	Global Z	-0.0880			0.0000	0.0000
453	Uniform	Global Z	-0.0880			0.0000	0.0000
454	Uniform	Global Z	-0.0880			0.0000	0.0000
455	Uniform	Global Z	-0.0880			0.0000	0.0000
456	Uniform	Global Z	-0.0880			0.0000	0.0000
457	Uniform	Global Z	-0.0880			0.0000	0.0000
458	Uniform	Global Z	-0.0880			0.0000	0.0000
459	Uniform	Global Z	-0.0880			0.0000	0.0000
460	Uniform	Global Z	-0.0880			0.0000	0.0000
461	Uniform	Global Z	-0.0880			0.0000	0.0000
462	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
463	Uniform	Global Z	-0.0880			0.0000	0.0000
464	Uniform	Global Z	-0.0880			0.0000	0.0000
465	Uniform	Global Z	-0.0880			0.0000	0.0000
466	Uniform	Global Z	-0.0880			0.0000	0.0000
467	Uniform	Global Z	-0.0880			0.0000	0.0000
468	Uniform	Global Z	-0.0880			0.0000	0.0000
469	Uniform	Global Z	-0.0880			0.0000	0.0000
470	Uniform	Global Z	-0.0880			0.0000	0.0000
471	Uniform	Global Z	-0.0880			0.0000	0.0000
472	Uniform	Global Z	-0.0880			0.0000	0.0000
473	Uniform	Global Z	-0.0880			0.0000	0.0000
474	Uniform	Global Z	-0.0880			0.0000	0.0000
475	Uniform	Global Z	-0.0880			0.0000	0.0000
476	Uniform	Global Z	-0.0880			0.0000	0.0000
477	Uniform	Global Z	-0.0880			0.0000	0.0000
478	Uniform	Global Z	-0.0880			0.0000	0.0000
479	Uniform	Global Z	-0.0880			0.0000	0.0000
480	Uniform	Global Z	-0.0880			0.0000	0.0000
481	Uniform	Global Z	-0.0880			0.0000	0.0000
482	Uniform	Global Z	-0.0880			0.0000	0.0000
483	Uniform	Global Z	-0.0880			0.0000	0.0000
484	Uniform	Global Z	-0.0880			0.0000	0.0000
485	Uniform	Global Z	-0.0880			0.0000	0.0000
486	Uniform	Global Z	-0.0880			0.0000	0.0000
487	Uniform	Global Z	-0.0880			0.0000	0.0000
488	Uniform	Global Z	-0.0880			0.0000	0.0000
489	Uniform	Global Z	-0.0880			0.0000	0.0000
490	Uniform	Global Z	-0.0880			0.0000	0.0000
491	Uniform	Global Z	-0.0880			0.0000	0.0000
492	Uniform	Global Z	-0.0880			0.0000	0.0000
493	Uniform	Global Z	-0.0880			0.0000	0.0000
494	Uniform	Global Z	-0.0880			0.0000	0.0000
495	Uniform	Global Z	-0.0880			0.0000	0.0000
496	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
497	Uniform	Global Z	-0.0880			0.0000	0.0000
498	Uniform	Global Z	-0.0880			0.0000	0.0000
499	Uniform	Global Z	-0.0880			0.0000	0.0000
500	Uniform	Global Z	-0.0880			0.0000	0.0000
501	Uniform	Global Z	-0.0880			0.0000	0.0000
502	Uniform	Global Z	-0.0880			0.0000	0.0000
503	Uniform	Global Z	-0.0880			0.0000	0.0000
504	Uniform	Global Z	-0.0880			0.0000	0.0000
505	Uniform	Global Z	-0.0880			0.0000	0.0000
506	Uniform	Global Z	-0.0880			0.0000	0.0000
507	Uniform	Global Z	-0.0880			0.0000	0.0000
508	Uniform	Global Z	-0.0880			0.0000	0.0000
509	Uniform	Global Z	-0.0880			0.0000	0.0000
510	Uniform	Global Z	-0.0880			0.0000	0.0000
511	Uniform	Global Z	-0.0880			0.0000	0.0000
512	Uniform	Global Z	-0.0880			0.0000	0.0000
513	Uniform	Global Z	-0.0880			0.0000	0.0000
514	Uniform	Global Z	-0.0880			0.0000	0.0000
515	Uniform	Global Z	-0.0880			0.0000	0.0000
516	Uniform	Global Z	-0.0880			0.0000	0.0000
517	Uniform	Global Z	-0.0880			0.0000	0.0000
518	Uniform	Global Z	-0.0880			0.0000	0.0000
519	Uniform	Global Z	-0.0880			0.0000	0.0000
520	Uniform	Global Z	-0.0880			0.0000	0.0000
521	Uniform	Global Z	-0.0880			0.0000	0.0000
522	Uniform	Global Z	-0.0880			0.0000	0.0000
523	Uniform	Global Z	-0.0880			0.0000	0.0000
524	Uniform	Global Z	-0.0880			0.0000	0.0000
525	Uniform	Global Z	-0.0880			0.0000	0.0000
526	Uniform	Global Z	-0.0880			0.0000	0.0000
527	Uniform	Global Z	-0.0880			0.0000	0.0000
528	Uniform	Global Z	-0.0880			0.0000	0.0000
529	Uniform	Global Z	-0.0880			0.0000	0.0000
530	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
531	Uniform	Global Z	-0.0880			0.0000	0.0000
532	Uniform	Global Z	-0.0880			0.0000	0.0000
533	Uniform	Global Z	-0.0880			0.0000	0.0000
534	Uniform	Global Z	-0.0880			0.0000	0.0000
535	Uniform	Global Z	-0.0880			0.0000	0.0000
536	Uniform	Global Z	-0.0880			0.0000	0.0000
537	Uniform	Global Z	-0.0880			0.0000	0.0000
538	Uniform	Global Z	-0.0880			0.0000	0.0000
539	Uniform	Global Z	-0.0880			0.0000	0.0000
540	Uniform	Global Z	-0.0880			0.0000	0.0000
541	Uniform	Global Z	-0.0880			0.0000	0.0000
542	Uniform	Global Z	-0.0880			0.0000	0.0000
543	Uniform	Global Z	-0.0880			0.0000	0.0000
544	Uniform	Global Z	-0.0880			0.0000	0.0000
545	Uniform	Global Z	-0.0880			0.0000	0.0000
546	Uniform	Global Z	-0.0880			0.0000	0.0000
547	Uniform	Global Z	-0.0880			0.0000	0.0000
548	Uniform	Global Z	-0.0880			0.0000	0.0000
549	Uniform	Global Z	-0.0880			0.0000	0.0000
550	Uniform	Global Z	-0.0880			0.0000	0.0000
551	Uniform	Global Z	-0.0880			0.0000	0.0000
552	Uniform	Global Z	-0.0880			0.0000	0.0000
553	Uniform	Global Z	-0.0880			0.0000	0.0000
554	Uniform	Global Z	-0.0880			0.0000	0.0000
555	Uniform	Global Z	-0.0880			0.0000	0.0000
556	Uniform	Global Z	-0.0880			0.0000	0.0000
557	Uniform	Global Z	-0.0880			0.0000	0.0000
558	Uniform	Global Z	-0.0880			0.0000	0.0000
559	Uniform	Global Z	-0.0880			0.0000	0.0000
560	Uniform	Global Z	-0.0880			0.0000	0.0000
561	Uniform	Global Z	-0.0880			0.0000	0.0000
562	Uniform	Global Z	-0.0880			0.0000	0.0000
563	Uniform	Global Z	-0.0880			0.0000	0.0000
564	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
565	Uniform	Global Z	-0.0690			0.0000	0.0000
566	Uniform	Global Z	-0.0690			0.0000	0.0000
567	Uniform	Global Z	-0.0690			0.0000	0.0000
568	Uniform	Global Z	-0.0690			0.0000	0.0000
569	Uniform	Global Z	-0.0690			0.0000	0.0000
570	Uniform	Global Z	-0.0690			0.0000	0.0000
571	Uniform	Global Z	-0.0690			0.0000	0.0000
572	Uniform	Global Z	-0.0690			0.0000	0.0000
573	Uniform	Global Z	-0.0690			0.0000	0.0000
574	Uniform	Global Z	-0.0690			0.0000	0.0000
575	Uniform	Global Z	-0.0690			0.0000	0.0000
576	Uniform	Global Z	-0.0690			0.0000	0.0000
577	Uniform	Global Z	-0.0690			0.0000	0.0000
578	Uniform	Global Z	-0.0690			0.0000	0.0000
579	Uniform	Global Z	-0.0690			0.0000	0.0000
580	Uniform	Global Z	-0.0690			0.0000	0.0000
581	Uniform	Global Z	-0.0690			0.0000	0.0000
582	Uniform	Global Z	-0.0690			0.0000	0.0000
583	Uniform	Global Z	-0.0690			0.0000	0.0000
584	Uniform	Global Z	-0.0690			0.0000	0.0000
585	Uniform	Global Z	-0.0690			0.0000	0.0000
586	Uniform	Global Z	-0.0690			0.0000	0.0000
587	Uniform	Global Z	-0.0690			0.0000	0.0000
588	Uniform	Global Z	-0.0690			0.0000	0.0000
589	Uniform	Global Z	-0.0690			0.0000	0.0000
590	Uniform	Global Z	-0.0690			0.0000	0.0000
591	Uniform	Global Z	-0.0690			0.0000	0.0000
592	Uniform	Global Z	-0.0690			0.0000	0.0000
593	Uniform	Global Z	-0.0690			0.0000	0.0000
594	Uniform	Global Z	-0.0690			0.0000	0.0000
595	Uniform	Global Z	-0.0690			0.0000	0.0000
596	Uniform	Global Z	-0.0690			0.0000	0.0000
597	Uniform	Global Z	-0.0690			0.0000	0.0000
598	Uniform	Global Z	-0.0690			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
599	Uniform	Global Z	-0.0690			0.0000	0.0000
600	Uniform	Global Z	-0.0690			0.0000	0.0000
601	Uniform	Global Z	-0.0690			0.0000	0.0000
602	Uniform	Global Z	-0.0690			0.0000	0.0000
603	Uniform	Global Z	-0.0690			0.0000	0.0000
604	Uniform	Global Z	-0.0690			0.0000	0.0000
605	Uniform	Global Z	-0.0690			0.0000	0.0000
606	Uniform	Global Z	-0.0690			0.0000	0.0000
607	Uniform	Global Z	-0.0690			0.0000	0.0000
608	Uniform	Global Z	-0.0690			0.0000	0.0000
609	Uniform	Global Z	-0.0690			0.0000	0.0000
610	Uniform	Global Z	-0.0690			0.0000	0.0000
611	Uniform	Global Z	-0.0690			0.0000	0.0000
612	Uniform	Global Z	-0.0690			0.0000	0.0000
613	Uniform	Global Z	-0.0690			0.0000	0.0000
614	Uniform	Global Z	-0.0690			0.0000	0.0000
615	Uniform	Global Z	-0.0690			0.0000	0.0000
616	Uniform	Global Z	-0.0690			0.0000	0.0000
617	Uniform	Global Z	-0.0690			0.0000	0.0000
618	Uniform	Global Z	-0.0690			0.0000	0.0000
619	Uniform	Global Z	-0.0690			0.0000	0.0000
620	Uniform	Global Z	-0.0690			0.0000	0.0000
621	Uniform	Global Z	-0.0690			0.0000	0.0000
622	Uniform	Global Z	-0.0690			0.0000	0.0000
623	Uniform	Global Z	-0.0690			0.0000	0.0000
624	Uniform	Global Z	-0.0690			0.0000	0.0000
625	Uniform	Global Z	-0.0690			0.0000	0.0000
626	Uniform	Global Z	-0.0690			0.0000	0.0000
627	Uniform	Global Z	-0.0690			0.0000	0.0000
628	Uniform	Global Z	-0.0690			0.0000	0.0000
629	Uniform	Global Z	-0.0690			0.0000	0.0000
630	Uniform	Global Z	-0.0690			0.0000	0.0000
631	Uniform	Global Z	-0.0690			0.0000	0.0000
632	Uniform	Global Z	-0.0690			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
633	Uniform	Global Z	-0.0880			0.0000	0.0000
634	Uniform	Global Z	-0.0880			0.0000	0.0000
635	Uniform	Global Z	-0.0880			0.0000	0.0000
636	Uniform	Global Z	-0.0880			0.0000	0.0000
637	Uniform	Global Z	-0.0880			0.0000	0.0000
638	Uniform	Global Z	-0.0880			0.0000	0.0000
639	Uniform	Global Z	-0.0880			0.0000	0.0000
640	Uniform	Global Z	-0.0880			0.0000	0.0000
641	Uniform	Global Z	-0.0880			0.0000	0.0000
642	Uniform	Global Z	-0.0880			0.0000	0.0000
643	Uniform	Global Z	-0.0880			0.0000	0.0000
644	Uniform	Global Z	-0.0880			0.0000	0.0000
645	Uniform	Global Z	-0.0880			0.0000	0.0000
646	Uniform	Global Z	-0.0880			0.0000	0.0000
647	Uniform	Global Z	-0.0880			0.0000	0.0000
648	Uniform	Global Z	-0.0880			0.0000	0.0000
649	Uniform	Global Z	-0.0880			0.0000	0.0000
650	Uniform	Global Z	-0.0880			0.0000	0.0000
651	Uniform	Global Z	-0.0880			0.0000	0.0000
652	Uniform	Global Z	-0.0880			0.0000	0.0000
653	Uniform	Global Z	-0.0880			0.0000	0.0000
654	Uniform	Global Z	-0.0880			0.0000	0.0000
655	Uniform	Global Z	-0.0880			0.0000	0.0000
656	Uniform	Global Z	-0.0880			0.0000	0.0000
657	Uniform	Global Z	-0.0880			0.0000	0.0000
658	Uniform	Global Z	-0.0880			0.0000	0.0000
659	Uniform	Global Z	-0.0880			0.0000	0.0000
660	Uniform	Global Z	-0.0880			0.0000	0.0000
661	Uniform	Global Z	-0.0880			0.0000	0.0000
662	Uniform	Global Z	-0.0880			0.0000	0.0000
663	Uniform	Global Z	-0.0880			0.0000	0.0000
664	Uniform	Global Z	-0.0880			0.0000	0.0000
665	Uniform	Global Z	-0.0880			0.0000	0.0000
666	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
667	Uniform	Global Z	-0.0880			0.0000	0.0000
668	Uniform	Global Z	-0.0880			0.0000	0.0000
669	Uniform	Global Z	-0.0880			0.0000	0.0000
670	Uniform	Global Z	-0.0880			0.0000	0.0000
671	Uniform	Global Z	-0.0880			0.0000	0.0000
672	Uniform	Global Z	-0.0880			0.0000	0.0000
673	Uniform	Global Z	-0.0880			0.0000	0.0000
674	Uniform	Global Z	-0.0880			0.0000	0.0000
675	Uniform	Global Z	-0.0880			0.0000	0.0000
676	Uniform	Global Z	-0.0880			0.0000	0.0000
677	Uniform	Global Z	-0.0880			0.0000	0.0000
678	Uniform	Global Z	-0.0880			0.0000	0.0000
679	Uniform	Global Z	-0.0880			0.0000	0.0000
680	Uniform	Global Z	-0.0880			0.0000	0.0000
681	Uniform	Global Z	-0.0880			0.0000	0.0000
682	Uniform	Global Z	-0.0880			0.0000	0.0000
683	Uniform	Global Z	-0.0880			0.0000	0.0000
684	Uniform	Global Z	-0.0880			0.0000	0.0000
685	Uniform	Global Z	-0.0880			0.0000	0.0000
686	Uniform	Global Z	-0.0880			0.0000	0.0000
687	Uniform	Global Z	-0.0880			0.0000	0.0000
688	Uniform	Global Z	-0.0880			0.0000	0.0000
689	Uniform	Global Z	-0.0880			0.0000	0.0000
690	Uniform	Global Z	-0.0880			0.0000	0.0000
691	Uniform	Global Z	-0.0880			0.0000	0.0000
692	Uniform	Global Z	-0.0880			0.0000	0.0000
693	Uniform	Global Z	-0.0880			0.0000	0.0000
694	Uniform	Global Z	-0.0880			0.0000	0.0000
695	Uniform	Global Z	-0.0880			0.0000	0.0000
696	Uniform	Global Z	-0.0880			0.0000	0.0000
697	Uniform	Global Z	-0.0880			0.0000	0.0000
698	Uniform	Global Z	-0.0880			0.0000	0.0000
699	Uniform	Global Z	-0.0880			0.0000	0.0000
700	Uniform	Global Z	-0.0880			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
701	Uniform	Global Z	-0.0680			0.0000	0.0000
702	Uniform	Global Z	-0.0680			0.0000	0.0000
703	Uniform	Global Z	-0.0680			0.0000	0.0000
704	Uniform	Global Z	-0.0680			0.0000	0.0000
705	Uniform	Global Z	-0.0680			0.0000	0.0000
706	Uniform	Global Z	-0.0680			0.0000	0.0000
707	Uniform	Global Z	-0.0680			0.0000	0.0000
708	Uniform	Global Z	-0.0680			0.0000	0.0000
709	Uniform	Global Z	-0.0680			0.0000	0.0000
710	Uniform	Global Z	-0.0680			0.0000	0.0000
711	Uniform	Global Z	-0.0680			0.0000	0.0000
712	Uniform	Global Z	-0.0680			0.0000	0.0000
713	Uniform	Global Z	-0.0680			0.0000	0.0000
714	Uniform	Global Z	-0.0680			0.0000	0.0000
715	Uniform	Global Z	-0.0680			0.0000	0.0000
716	Uniform	Global Z	-0.0680			0.0000	0.0000
717	Uniform	Global Z	-0.0680			0.0000	0.0000
718	Uniform	Global Z	-0.0680			0.0000	0.0000
719	Uniform	Global Z	-0.0680			0.0000	0.0000
720	Uniform	Global Z	-0.0680			0.0000	0.0000
721	Uniform	Global Z	-0.0680			0.0000	0.0000
722	Uniform	Global Z	-0.0680			0.0000	0.0000
723	Uniform	Global Z	-0.0680			0.0000	0.0000
724	Uniform	Global Z	-0.0680			0.0000	0.0000
725	Uniform	Global Z	-0.0680			0.0000	0.0000
726	Uniform	Global Z	-0.0680			0.0000	0.0000
727	Uniform	Global Z	-0.0680			0.0000	0.0000
728	Uniform	Global Z	-0.0680			0.0000	0.0000
729	Uniform	Global Z	-0.0680			0.0000	0.0000
730	Uniform	Global Z	-0.0680			0.0000	0.0000
731	Uniform	Global Z	-0.0680			0.0000	0.0000
732	Uniform	Global Z	-0.0680			0.0000	0.0000
733	Uniform	Global Z	-0.0680			0.0000	0.0000
734	Uniform	Global Z	-0.0680			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
735	Uniform	Global Z	-0.0680			0.0000	0.0000
736	Uniform	Global Z	-0.0680			0.0000	0.0000
737	Uniform	Global Z	-0.0680			0.0000	0.0000
738	Uniform	Global Z	-0.0680			0.0000	0.0000
739	Uniform	Global Z	-0.0680			0.0000	0.0000
740	Uniform	Global Z	-0.0680			0.0000	0.0000
741	Uniform	Global Z	-0.0680			0.0000	0.0000
742	Uniform	Global Z	-0.0680			0.0000	0.0000
743	Uniform	Global Z	-0.0680			0.0000	0.0000
744	Uniform	Global Z	-0.0680			0.0000	0.0000
745	Uniform	Global Z	-0.0680			0.0000	0.0000
746	Uniform	Global Z	-0.0680			0.0000	0.0000
747	Uniform	Global Z	-0.0680			0.0000	0.0000
748	Uniform	Global Z	-0.0680			0.0000	0.0000
749	Uniform	Global Z	-0.0680			0.0000	0.0000
750	Uniform	Global Z	-0.0680			0.0000	0.0000
376	Uniform	Global Z	-0.6630			0.0000	0.0000
377	Uniform	Global Z	-0.6630			0.0000	0.0000
378	Uniform	Global Z	-0.6630			0.0000	0.0000
379	Uniform	Global Z	-0.6630			0.0000	0.0000
380	Uniform	Global Z	-0.6630			0.0000	0.0000
381	Uniform	Global Z	-0.6630			0.0000	0.0000
382	Uniform	Global Z	-0.6630			0.0000	0.0000
383	Uniform	Global Z	-0.6630			0.0000	0.0000
384	Uniform	Global Z	-0.6630			0.0000	0.0000
385	Uniform	Global Z	-0.6630			0.0000	0.0000
386	Uniform	Global Z	-0.6630			0.0000	0.0000
387	Uniform	Global Z	-0.6630			0.0000	0.0000
388	Uniform	Global Z	-0.6630			0.0000	0.0000
389	Uniform	Global Z	-0.6630			0.0000	0.0000
390	Uniform	Global Z	-0.6630			0.0000	0.0000
391	Uniform	Global Z	-0.6630			0.0000	0.0000
392	Uniform	Global Z	-0.6630			0.0000	0.0000
393	Uniform	Global Z	-0.6630			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
394	Uniform	Global Z	-0.6630			0.0000	0.0000
395	Uniform	Global Z	-0.6630			0.0000	0.0000
396	Uniform	Global Z	-0.6630			0.0000	0.0000
397	Uniform	Global Z	-0.6630			0.0000	0.0000
398	Uniform	Global Z	-0.6630			0.0000	0.0000
399	Uniform	Global Z	-0.6630			0.0000	0.0000
400	Uniform	Global Z	-0.6630			0.0000	0.0000
401	Uniform	Global Z	-0.6630			0.0000	0.0000
402	Uniform	Global Z	-0.6630			0.0000	0.0000
403	Uniform	Global Z	-0.6630			0.0000	0.0000
404	Uniform	Global Z	-0.6630			0.0000	0.0000
405	Uniform	Global Z	-0.6630			0.0000	0.0000
406	Uniform	Global Z	-0.6630			0.0000	0.0000
407	Uniform	Global Z	-0.6630			0.0000	0.0000
408	Uniform	Global Z	-0.6630			0.0000	0.0000
409	Uniform	Global Z	-0.6630			0.0000	0.0000
410	Uniform	Global Z	-0.6630			0.0000	0.0000
411	Uniform	Global Z	-0.6630			0.0000	0.0000
412	Uniform	Global Z	-0.6630			0.0000	0.0000
413	Uniform	Global Z	-0.6630			0.0000	0.0000
414	Uniform	Global Z	-0.6630			0.0000	0.0000
415	Uniform	Global Z	-0.6630			0.0000	0.0000
416	Uniform	Global Z	-0.6630			0.0000	0.0000
417	Uniform	Global Z	-0.6630			0.0000	0.0000
418	Uniform	Global Z	-0.6630			0.0000	0.0000
419	Uniform	Global Z	-0.6630			0.0000	0.0000
420	Uniform	Global Z	-0.6630			0.0000	0.0000
421	Uniform	Global Z	-0.6630			0.0000	0.0000
422	Uniform	Global Z	-0.6630			0.0000	0.0000
423	Uniform	Global Z	-0.6630			0.0000	0.0000
424	Uniform	Global Z	-0.6630			0.0000	0.0000
425	Uniform	Global Z	-0.6630			0.0000	0.0000
426	Uniform	Global Z	-0.6630			0.0000	0.0000
427	Uniform	Global Z	-0.6630			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
428	Uniform	Global Z	-0.6630			0.0000	0.0000
429	Uniform	Global Z	-0.6630			0.0000	0.0000
430	Uniform	Global Z	-0.6630			0.0000	0.0000
431	Uniform	Global Z	-0.6630			0.0000	0.0000
432	Uniform	Global Z	-0.6630			0.0000	0.0000
433	Uniform	Global Z	-0.6630			0.0000	0.0000
434	Uniform	Global Z	-0.6630			0.0000	0.0000
435	Uniform	Global Z	-0.6630			0.0000	0.0000
436	Uniform	Global Z	-0.6630			0.0000	0.0000
437	Uniform	Global Z	-0.6630			0.0000	0.0000
438	Uniform	Global Z	-0.6630			0.0000	0.0000
439	Uniform	Global Z	-0.6630			0.0000	0.0000
440	Uniform	Global Z	-0.6630			0.0000	0.0000
441	Uniform	Global Z	-0.6630			0.0000	0.0000
442	Uniform	Global Z	-0.6630			0.0000	0.0000
443	Uniform	Global Z	-0.6630			0.0000	0.0000
444	Uniform	Global Z	-0.6630			0.0000	0.0000
445	Uniform	Global Z	-0.6630			0.0000	0.0000
446	Uniform	Global Z	-0.6630			0.0000	0.0000
447	Uniform	Global Z	-0.6630			0.0000	0.0000
448	Uniform	Global Z	-0.6630			0.0000	0.0000
449	Uniform	Global Z	-0.6630			0.0000	0.0000
450	Uniform	Global Z	-0.6630			0.0000	0.0000
751	Uniform	Global Z	-0.6630			0.0000	0.0000
752	Uniform	Global Z	-0.6630			0.0000	0.0000
753	Uniform	Global Z	-0.6630			0.0000	0.0000
754	Uniform	Global Z	-0.6630			0.0000	0.0000
755	Uniform	Global Z	-0.6630			0.0000	0.0000
756	Uniform	Global Z	-0.6630			0.0000	0.0000
757	Uniform	Global Z	-0.6630			0.0000	0.0000
758	Uniform	Global Z	-0.6630			0.0000	0.0000
759	Uniform	Global Z	-0.6630			0.0000	0.0000
760	Uniform	Global Z	-0.6630			0.0000	0.0000
761	Uniform	Global Z	-0.6630			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
762	Uniform	Global Z	-0.6630			0.0000	0.0000
763	Uniform	Global Z	-0.6630			0.0000	0.0000
764	Uniform	Global Z	-0.6630			0.0000	0.0000
765	Uniform	Global Z	-0.6630			0.0000	0.0000
766	Uniform	Global Z	-0.6630			0.0000	0.0000
767	Uniform	Global Z	-0.6630			0.0000	0.0000
768	Uniform	Global Z	-0.6630			0.0000	0.0000
769	Uniform	Global Z	-0.6630			0.0000	0.0000
770	Uniform	Global Z	-0.6630			0.0000	0.0000
771	Uniform	Global Z	-0.6630			0.0000	0.0000
772	Uniform	Global Z	-0.6630			0.0000	0.0000
773	Uniform	Global Z	-0.6630			0.0000	0.0000
774	Uniform	Global Z	-0.6630			0.0000	0.0000
775	Uniform	Global Z	-0.6630			0.0000	0.0000
776	Uniform	Global Z	-0.6630			0.0000	0.0000
777	Uniform	Global Z	-0.6630			0.0000	0.0000
778	Uniform	Global Z	-0.6630			0.0000	0.0000
779	Uniform	Global Z	-0.6630			0.0000	0.0000
780	Uniform	Global Z	-0.6630			0.0000	0.0000
781	Uniform	Global Z	-0.6630			0.0000	0.0000
782	Uniform	Global Z	-0.6630			0.0000	0.0000
783	Uniform	Global Z	-0.6630			0.0000	0.0000
784	Uniform	Global Z	-0.6630			0.0000	0.0000
785	Uniform	Global Z	-0.6630			0.0000	0.0000
786	Uniform	Global Z	-0.6630			0.0000	0.0000
787	Uniform	Global Z	-0.6630			0.0000	0.0000
788	Uniform	Global Z	-0.6630			0.0000	0.0000
789	Uniform	Global Z	-0.6630			0.0000	0.0000
790	Uniform	Global Z	-0.6630			0.0000	0.0000
791	Uniform	Global Z	-0.6630			0.0000	0.0000
792	Uniform	Global Z	-0.6630			0.0000	0.0000
793	Uniform	Global Z	-0.6630			0.0000	0.0000
794	Uniform	Global Z	-0.6630			0.0000	0.0000
795	Uniform	Global Z	-0.6630			0.0000	0.0000

LOAD CASE DL-C-REDUCIDA, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
796	Uniform	Global Z	-0.6630			0.0000	0.0000
797	Uniform	Global Z	-0.6630			0.0000	0.0000
798	Uniform	Global Z	-0.6630			0.0000	0.0000
799	Uniform	Global Z	-0.6630			0.0000	0.0000
800	Uniform	Global Z	-0.6630			0.0000	0.0000
801	Uniform	Global Z	-0.6630			0.0000	0.0000
802	Uniform	Global Z	-0.6630			0.0000	0.0000
803	Uniform	Global Z	-0.6630			0.0000	0.0000
804	Uniform	Global Z	-0.6630			0.0000	0.0000
805	Uniform	Global Z	-0.6630			0.0000	0.0000
806	Uniform	Global Z	-0.6630			0.0000	0.0000
807	Uniform	Global Z	-0.6630			0.0000	0.0000
808	Uniform	Global Z	-0.6630			0.0000	0.0000
809	Uniform	Global Z	-0.6630			0.0000	0.0000
810	Uniform	Global Z	-0.6630			0.0000	0.0000
811	Uniform	Global Z	-0.6630			0.0000	0.0000
812	Uniform	Global Z	-0.6630			0.0000	0.0000
813	Uniform	Global Z	-0.6630			0.0000	0.0000
814	Uniform	Global Z	-0.6630			0.0000	0.0000
815	Uniform	Global Z	-0.6630			0.0000	0.0000
816	Uniform	Global Z	-0.6630			0.0000	0.0000
817	Uniform	Global Z	-0.6630			0.0000	0.0000
818	Uniform	Global Z	-0.6630			0.0000	0.0000
819	Uniform	Global Z	-0.6630			0.0000	0.0000
820	Uniform	Global Z	-0.6630			0.0000	0.0000
821	Uniform	Global Z	-0.6630			0.0000	0.0000
822	Uniform	Global Z	-0.6630			0.0000	0.0000
823	Uniform	Global Z	-0.6630			0.0000	0.0000
824	Uniform	Global Z	-0.6630			0.0000	0.0000
825	Uniform	Global Z	-0.6630			0.0000	0.0000

LOAD CASE LASTRE, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton-m)	Magnitude at End (m-ton or m-ton-m)	Start Position (x/L)	End Position from start (x/L)
1152	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1155	Uniform Force	Global Z	-2.9600		0.0000	1.0000
848	Uniform Force	Global Z	-2.9600		0.0000	1.0000
849	Uniform Force	Global Z	-2.9600		0.0000	1.0000
234	Uniform Force	Global Z	-2.9600		0.0000	1.0000
237	Uniform Force	Global Z	-2.9600		0.0000	1.0000
4	Uniform Force	Global Z	-2.9600		0.0000	1.0000
7	Uniform Force	Global Z	-2.9600		0.0000	1.0000
526	Uniform Force	Global Z	-2.9600		0.0000	1.0000
239	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1140	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1446	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1443	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1137	Uniform Force	Global Z	-2.9600		0.0000	1.0000
525	Uniform Force	Global Z	-2.9600		0.0000	1.0000
223	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1158	Uniform Force	Global Z	-2.9600		0.0000	1.0000
852	Uniform Force	Global Z	-2.9600		0.0000	1.0000
240	Uniform Force	Global Z	-2.9600		0.0000	1.0000
10	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1440	Uniform Force	Global Z	-2.9600		0.0000	1.0000
1134	Uniform Force	Global Z	-2.9600		0.0000	1.0000
522	Uniform Force	Global Z	-2.9600		0.0000	1.0000
220	Uniform Force	Global Z	-2.9600		0.0000	1.0000

Stage Summary

Stage 1 'Wpp' Day = 1 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1

Construct Structure Groups
Vigas Y Diafragmas
NO Support Activity.
NO Slave/Master Activity.
NO Tendon Activity.
NO Displacement Initialization Activity.
Load Activity
1 Wpp 1.3

Stage 2 'Colado Losa' Day = 2 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1
No Construction activity
NO Support Activity.
NO Slave/Master Activity.
NO Tendon Activity.
NO Displacement Initialization Activity.
Load Activity
2 Losa 1.3
Step 2 : Step 2
No Construction activity
NO Support Activity.
NO Slave/Master Activity.
NO Tendon Activity.
NO Displacement Initialization Activity.
Load Activity
4 LASTRE 1.3

Stage 3 'DL-C' Day = 3 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1
Construct Structure Groups
Deck
Link

NO Support Activity.

NO Slave/Master Activity.

NO Tendon Activity.

NO Displacement Initialization Activity.

NO Load Activity.

Step 2 : Step 2

No Construction activity

NO Support Activity.

NO Slave/Master Activity.

NO Tendon Activity.

NO Displacement Initialization Activity.

Load Activity

3 DL-C-REDUCIDA 1.3

Result Cases Summary

Stage DL-C: DL-C: Step 2
Solved: 19/12/2008

Load Case: None

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
78	DL-C: Step 2	0.7649	-0.0065	-0.1393	0.0001	0.0005	0.0001
79	DL-C: Step 2	0.0000	0.0000	0.0000	0.0000	0.0012	0.0001
81	DL-C: Step 2	0.7648	0.0847	-0.6182	0.0002	-0.0003	0.0001
82	DL-C: Step 2	0.0014	0.1262	-0.8855	0.0000	0.0001	0.0001
84	DL-C: Step 2	0.7128	0.1277	-1.1555	0.0003	0.0002	0.0000
85	DL-C: Step 2	0.0414	0.2671	-1.1554	0.0001	0.0002	0.0002
87	DL-C: Step 2	0.6543	0.1049	-1.5790	0.0004	0.0001	0.0000
88	DL-C: Step 2	0.0863	0.4270	-1.5843	0.0002	-0.0007	0.0002
90	DL-C: Step 2	0.5778	0.0656	-1.9188	0.0004	0.0003	0.0000
91	DL-C: Step 2	0.1662	0.5843	-1.9121	0.0003	0.0003	0.0001
93	DL-C: Step 2	0.5101	0.1445	-2.1899	0.0006	0.0001	0.0001
94	DL-C: Step 2	0.2358	0.6963	-2.1894	0.0003	0.0001	0.0001
96	DL-C: Step 2	0.4355	0.1949	-2.3318	0.0007	0.0001	0.0000
97	DL-C: Step 2	0.3136	0.8187	-2.3301	0.0003	0.0001	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
99	DL-C: Step 2	0.3041	0.1725	-2.3961	0.0008	0.0000	-0.0001
100	DL-C: Step 2	0.3969	0.9715	-2.3943	0.0005	0.0000	0.0002
102	DL-C: Step 2	0.2731	0.1260	-2.3980	0.0007	-0.0001	0.0000
103	DL-C: Step 2	0.4794	1.1269	-2.3957	0.0006	-0.0001	0.0001
105	DL-C: Step 2	0.2095	0.2179	-2.2932	0.0011	-0.0001	0.0001
106	DL-C: Step 2	0.5068	1.2372	-2.2902	0.0003	-0.0001	0.0001
108	DL-C: Step 2	0.1591	0.3627	-2.0715	0.0025	-0.0002	0.0001
109	DL-C: Step 2	0.6293	1.3580	-2.0713	0.0000	-0.0001	0.0001
111	DL-C: Step 2	0.0991	0.3470	-1.8089	0.0027	-0.0003	-0.0001
112	DL-C: Step 2	0.6947	1.4434	-1.8066	0.0001	-0.0001	0.0001
114	DL-C: Step 2	0.0426	0.2517	-1.4896	0.0011	-0.0003	0.0001
115	DL-C: Step 2	0.7457	1.5398	-1.4868	0.0008	-0.0003	0.0001
117	DL-C: Step 2	0.0812	0.4865	-1.1334	0.0037	-0.0005	0.0002
118	DL-C: Step 2	0.7879	1.6363	-1.1296	-0.0004	0.0001	0.0001
120	DL-C: Step 2	0.0994	0.6843	-0.7624	0.0046	-0.0006	0.0001
121	DL-C: Step 2	0.7998	1.6626	-0.7572	-0.0009	0.0002	0.0000
123	DL-C: Step 2	0.1239	0.8673	-0.4045	0.0036	-0.0003	-0.0001
124	DL-C: Step 2	0.7795	1.8785	-0.3982	-0.0004	0.0003	0.0000
126	DL-C: Step 2	0.1565	0.5288	-0.0956	0.0010	0.0001	0.0000
127	DL-C: Step 2	0.7235	1.6817	-0.0872	0.0007	-0.0001	0.0000
129	DL-C: Step 2	0.2714	0.6118	0.1468	0.0035	0.0002	0.0001
130	DL-C: Step 2	0.6596	1.6641	0.1524	-0.0003	0.0006	0.0000
132	DL-C: Step 2	0.4483	0.7131	0.2456	0.0042	0.0001	0.0001
133	DL-C: Step 2	0.5326	1.6346	0.2760	-0.0008	0.0011	-0.0002
135	DL-C: Step 2	0.6656	0.7907	0.2143	0.0033	0.0010	0.0002
136	DL-C: Step 2	0.3259	1.4699	0.1618	-0.0006	0.0011	-0.0009
138	DL-C: Step 2	0.9860	0.8413	-0.2633	0.0005	0.0006	0.0002
139	DL-C: Step 2	0.0598	1.2659	0.0000	0.0001	0.0006	-0.0002
141	DL-C: Step 2	1.3085	1.0083	-1.0132	0.0023	-0.0012	0.0003
142	DL-C: Step 2	-0.1842	1.2096	-1.0654	-0.0012	0.0009	-0.0002
144	DL-C: Step 2	1.5885	1.1977	-2.2040	0.0030	-0.0008	0.0003
145	DL-C: Step 2	-0.3686	1.0923	-2.1734	-0.0019	0.0012	-0.0003
147	DL-C: Step 2	1.7820	1.3819	-3.5150	0.0018	-0.0003	0.0003
148	DL-C: Step 2	-0.5757	0.8433	-3.5092	-0.0017	0.0014	-0.0004

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
150	DL-C: Step 2	1.9669	1.5798	-4.8554	-0.0007	0.0014	0.0004
151	DL-C: Step 2	-0.7786	2.5078	-4.8469	-0.0008	0.0016	-0.0004
153	DL-C: Step 2	2.1904	1.9337	-8.4467	0.0004	0.0007	0.0004
154	DL-C: Step 2	-0.9417	2.2325	-8.4395	-0.0018	0.0019	-0.0003
156	DL-C: Step 2	2.3207	2.1650	-7.9622	-0.0001	0.0009	0.0002
157	DL-C: Step 2	-1.0628	-0.0500	-7.9577	-0.0022	0.0022	-0.0003
159	DL-C: Step 2	2.3957	2.3428	-8.4640	-0.0018	0.0018	0.0002
160	DL-C: Step 2	-1.2133	-0.3510	-8.4586	-0.0022	0.0022	-0.0003
162	DL-C: Step 2	2.4819	2.5785	-10.9128	-0.0021	0.0023	0.0003
163	DL-C: Step 2	-1.3325	-0.8812	-10.9103	-0.0022	0.0024	-0.0003
165	DL-C: Step 2	2.5901	2.8878	-12.2963	-0.0025	0.0023	0.0003
166	DL-C: Step 2	-1.4398	-0.9625	-12.2928	-0.0027	0.0024	-0.0003
168	DL-C: Step 2	2.6701	3.1984	-13.5766	-0.0028	0.0024	0.0003
169	DL-C: Step 2	-1.5213	-1.0341	-13.5743	-0.0030	0.0026	-0.0003
171	DL-C: Step 2	2.7181	3.4008	-14.7328	-0.0031	0.0025	0.0002
172	DL-C: Step 2	-1.5751	-1.1461	-14.7307	-0.0033	0.0027	-0.0002
174	DL-C: Step 2	2.7539	3.6208	-15.7479	-0.0034	0.0027	0.0003
175	DL-C: Step 2	-1.6112	-1.2616	-15.7466	-0.0035	0.0028	-0.0002
177	DL-C: Step 2	2.8321	3.8314	-16.6343	-0.0037	0.0027	0.0003
178	DL-C: Step 2	-1.6467	-1.3968	-16.6328	-0.0036	0.0028	-0.0002
180	DL-C: Step 2	2.8777	4.1831	-17.3518	-0.0039	0.0027	-0.0002
181	DL-C: Step 2	-1.6482	-1.5237	-17.3505	-0.0041	0.0029	-0.0001
183	DL-C: Step 2	2.8645	4.3516	-17.8879	-0.0040	0.0028	0.0001
184	DL-C: Step 2	-1.6057	-2.1016	-17.8870	-0.0042	0.0029	0.0000
186	DL-C: Step 2	2.8155	4.4453	-18.2384	-0.0042	0.0028	0.0001
187	DL-C: Step 2	-1.5277	-2.1181	-18.2377	-0.0043	0.0028	0.0000
189	DL-C: Step 2	2.9048	4.6039	-18.4288	-0.0042	0.0028	0.0001
190	DL-C: Step 2	-1.4411	-2.1224	-18.4279	-0.0044	0.0028	0.0001
192	DL-C: Step 2	2.7746	4.7328	-18.4287	-0.0042	0.0028	0.0001
193	DL-C: Step 2	-1.3240	-2.0843	-18.4279	-0.0044	0.0027	0.0001
195	DL-C: Step 2	2.7291	4.8289	-18.2384	-0.0044	0.0028	0.0001
196	DL-C: Step 2	-1.1803	-2.0018	-18.2377	-0.0044	0.0028	0.0002
198	DL-C: Step 2	2.7260	4.8673	-17.8878	-0.0043	0.0023	0.0001
199	DL-C: Step 2	-1.0279	-1.9073	-17.8870	-0.0045	0.0025	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
201	DL-C: Step 2	2.6839	5.0832	-17.3515	-0.0042	0.0023	0.0000
202	DL-C: Step 2	-0.8332	-1.7858	-17.3504	-0.0044	0.0024	0.0003
204	DL-C: Step 2	2.5788	5.0797	-16.6342	-0.0040	0.0021	-0.0001
205	DL-C: Step 2	-0.5867	-1.5294	-16.6326	-0.0042	0.0022	0.0004
207	DL-C: Step 2	2.4462	5.0208	-15.7477	-0.0040	0.0018	-0.0001
208	DL-C: Step 2	-0.3085	-1.2839	-15.7464	-0.0040	0.0019	0.0004
210	DL-C: Step 2	2.3771	5.0399	-14.7329	-0.0039	0.0016	0.0000
211	DL-C: Step 2	-0.0354	-0.9812	-14.7308	-0.0038	0.0017	0.0004
213	DL-C: Step 2	2.3057	5.0417	-13.5769	-0.0034	0.0014	-0.0001
214	DL-C: Step 2	0.2582	-0.6820	-13.5746	-0.0037	0.0015	0.0005
216	DL-C: Step 2	2.2077	4.9913	-12.2960	-0.0031	0.0012	-0.0001
217	DL-C: Step 2	0.5807	-0.3400	-12.2924	-0.0034	0.0013	0.0005
219	DL-C: Step 2	2.0969	4.9003	-10.9129	-0.0030	0.0008	-0.0001
220	DL-C: Step 2	0.9202	0.0062	-10.9099	-0.0031	0.0009	0.0005
222	DL-C: Step 2	2.0474	4.8609	-9.4635	-0.0024	0.0007	0.0000
223	DL-C: Step 2	1.2640	0.4257	-9.4583	-0.0030	0.0010	0.0005
225	DL-C: Step 2	2.0632	4.8649	-7.9617	-0.0009	-0.0003	-0.0001
226	DL-C: Step 2	1.5971	0.8195	-7.9572	-0.0029	0.0010	0.0005
228	DL-C: Step 2	2.0269	4.7666	-6.4464	-0.0005	-0.0007	-0.0002
229	DL-C: Step 2	1.9109	1.2126	-6.4390	-0.0025	0.0008	0.0005
231	DL-C: Step 2	1.9329	4.5561	-4.9550	-0.0016	-0.0001	-0.0002
232	DL-C: Step 2	2.2104	1.6187	-4.9461	-0.0018	0.0001	0.0006
234	DL-C: Step 2	1.9640	4.4451	-3.5146	0.0011	-0.0015	-0.0001
235	DL-C: Step 2	2.5475	2.0662	-3.5080	-0.0020	0.0009	0.0006
237	DL-C: Step 2	2.0507	4.2980	-2.2037	0.0021	-0.0023	-0.0001
238	DL-C: Step 2	2.8079	2.5186	-2.1732	-0.0019	0.0012	0.0006
240	DL-C: Step 2	2.1135	4.1086	-1.0131	0.0030	-0.0015	-0.0001
241	DL-C: Step 2	2.9540	2.8673	-1.0052	-0.0013	0.0007	0.0004
243	DL-C: Step 2	2.2517	3.8610	-0.2833	-0.0003	-0.0008	0.0000
244	DL-C: Step 2	3.0383	3.2426	0.0000	-0.0005	-0.0003	0.0004
246	DL-C: Step 2	2.4779	3.6983	0.2142	0.0006	-0.0004	0.0000
247	DL-C: Step 2	3.2372	3.7006	0.1616	-0.0012	0.0000	0.0005
249	DL-C: Step 2	2.6451	3.5858	0.2453	0.0018	-0.0008	0.0000
250	DL-C: Step 2	3.4302	4.0858	0.2756	-0.0013	0.0002	0.0004

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
252	DL-C: Step 2	2.7747	3.5166	0.1461	0.0014	-0.0032	0.0001
253	DL-C: Step 2	3.5579	4.3461	0.1519	-0.0007	0.0000	0.0002
255	DL-C: Step 2	2.8829	3.4974	-0.0966	0.0004	-0.0010	0.0002
256	DL-C: Step 2	3.6427	4.5104	-0.0981	0.0004	-0.0005	0.0002
258	DL-C: Step 2	3.1767	3.8517	-0.4057	0.0018	-0.0031	0.0003
259	DL-C: Step 2	3.7853	4.6828	-0.3995	-0.0004	0.0003	0.0002
261	DL-C: Step 2	3.3489	3.7556	-0.7840	0.0028	-0.0036	0.0001
262	DL-C: Step 2	3.9281	4.8309	-0.7588	-0.0006	0.0007	0.0002
264	DL-C: Step 2	3.3460	3.7528	-1.1356	0.0021	-0.0031	0.0000
265	DL-C: Step 2	4.0378	4.8156	-1.1318	-0.0002	0.0003	0.0001
267	DL-C: Step 2	3.2848	3.7391	-1.4821	0.0007	-0.0009	0.0001
268	DL-C: Step 2	4.1300	4.9479	-1.4893	0.0007	-0.0005	0.0001
270	DL-C: Step 2	3.4044	3.9438	-1.8120	0.0015	-0.0022	0.0003
271	DL-C: Step 2	4.2073	4.9708	-1.8098	0.0001	-0.0001	0.0001
273	DL-C: Step 2	3.6336	4.1135	-2.0752	0.0013	-0.0022	0.0001
274	DL-C: Step 2	4.2955	4.9741	-2.0751	0.0000	0.0000	0.0001
276	DL-C: Step 2	3.8358	4.2005	-2.2679	0.0005	-0.0009	0.0001
277	DL-C: Step 2	4.3928	4.9708	-2.2843	0.0002	-0.0002	0.0001
279	DL-C: Step 2	3.8613	4.3207	-2.3703	0.0004	-0.0007	0.0002
280	DL-C: Step 2	4.4851	4.9585	-2.3701	0.0004	-0.0005	0.0000
282	DL-C: Step 2	3.9436	4.3171	-2.4008	0.0003	-0.0007	0.0003
283	DL-C: Step 2	4.5407	4.9154	-2.3992	0.0002	-0.0004	0.0000
285	DL-C: Step 2	3.9868	4.7003	-2.3368	0.0003	-0.0008	0.0002
286	DL-C: Step 2	4.6022	4.8727	-2.3350	0.0001	-0.0003	0.0000
288	DL-C: Step 2	4.0686	4.8422	-2.1750	0.0002	-0.0006	0.0001
289	DL-C: Step 2	4.6896	4.8460	-2.1741	0.0000	-0.0003	0.0001
291	DL-C: Step 2	4.1318	4.9631	-1.9214	-0.0001	-0.0005	0.0002
292	DL-C: Step 2	4.7904	4.8283	-1.9185	-0.0001	-0.0004	0.0000
294	DL-C: Step 2	4.2932	5.1411	-1.5835	0.0001	-0.0004	0.0002
295	DL-C: Step 2	4.8368	4.7753	-1.5867	0.0007	0.0002	0.0000
297	DL-C: Step 2	4.4529	5.2946	-1.1594	-0.0001	-0.0004	0.0002
298	DL-C: Step 2	4.8777	4.7516	-1.1591	-0.0003	-0.0002	0.0000
300	DL-C: Step 2	4.5594	5.4111	-0.6220	0.0004	0.0000	0.0001
301	DL-C: Step 2	4.9367	4.7400	-0.6668	-0.0001	-0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
303	DL-C: Step 2	4.8429	5.4548	-0.1370	-0.0005	-0.0003	0.0001
304	DL-C: Step 2	4.9855	4.7847	0.0000	-0.0010	-0.0005	0.0001
306	DL-C: Step 2	0.5445	0.0096	-0.0921	0.0000	0.0003	0.0001
307	DL-C: Step 2	0.0000	0.0165	0.0000	0.0000	0.0008	0.0001
309	DL-C: Step 2	0.5412	0.1062	-0.4572	0.0000	-0.0004	0.0001
310	DL-C: Step 2	0.0069	0.1209	-0.4823	0.0001	0.0000	0.0001
312	DL-C: Step 2	0.4911	0.1442	-0.8425	0.0000	0.0001	0.0000
313	DL-C: Step 2	0.0477	0.2521	-0.8477	0.0002	0.0001	0.0002
315	DL-C: Step 2	0.4337	0.1130	-1.1284	0.0002	-0.0001	-0.0001
316	DL-C: Step 2	0.0809	0.4166	-1.1346	0.0002	-0.0009	0.0002
318	DL-C: Step 2	0.3575	0.0759	-1.3284	0.0004	0.0001	0.0000
319	DL-C: Step 2	0.1715	0.5829	-1.3271	0.0004	0.0001	0.0002
321	DL-C: Step 2	0.2809	0.1321	-1.4318	0.0004	0.0000	0.0001
322	DL-C: Step 2	0.2390	0.7008	-1.4328	0.0004	0.0000	0.0001
324	DL-C: Step 2	0.2210	0.1808	-1.4499	0.0005	0.0000	0.0000
325	DL-C: Step 2	0.3104	0.8231	-1.4507	0.0005	0.0000	0.0001
327	DL-C: Step 2	0.1480	0.1663	-1.3825	0.0006	0.0000	0.0000
328	DL-C: Step 2	0.3853	0.9740	-1.3828	0.0006	-0.0001	0.0002
330	DL-C: Step 2	0.0760	0.1388	-1.2337	0.0006	-0.0002	0.0000
331	DL-C: Step 2	0.4081	1.1308	-1.2366	0.0007	-0.0002	0.0001
333	DL-C: Step 2	0.0196	0.1786	-1.0069	0.0007	0.0000	0.0000
334	DL-C: Step 2	0.5241	1.2417	-1.0088	0.0007	-0.0002	0.0001
336	DL-C: Step 2	-0.0254	0.2313	-0.7153	0.0009	0.0000	0.0000
337	DL-C: Step 2	0.5794	1.3437	-0.7158	0.0007	-0.0002	0.0001
339	DL-C: Step 2	-0.0575	0.2950	-0.3783	0.0010	0.0000	0.0000
340	DL-C: Step 2	0.6247	1.4526	-0.3762	0.0008	-0.0002	0.0001
342	DL-C: Step 2	-0.0695	0.3549	-0.0154	0.0009	-0.0003	0.0000
343	DL-C: Step 2	0.6613	1.5606	-0.0167	0.0009	-0.0004	0.0001
345	DL-C: Step 2	-0.0664	0.2629	0.3512	0.0012	0.0002	0.0000
346	DL-C: Step 2	0.6657	1.6481	0.3593	0.0009	-0.0001	0.0001
348	DL-C: Step 2	-0.0177	0.3198	0.6920	0.0013	0.0003	0.0001
349	DL-C: Step 2	0.6451	1.6977	0.6982	0.0006	0.0000	0.0000
351	DL-C: Step 2	0.0765	0.4331	0.9853	0.0012	0.0004	0.0001
352	DL-C: Step 2	0.5919	1.7059	0.9730	0.0009	0.0002	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
354	DL-C: Step 2	0.2058	0.5022	1.1357	0.0008	0.0000	0.0000
355	DL-C: Step 2	0.4066	1.7061	1.1394	0.0008	-0.0001	0.0000
357	DL-C: Step 2	0.3137	0.3628	1.1701	0.0012	0.0011	-0.0001
358	DL-C: Step 2	0.4001	1.7497	1.1780	0.0009	0.0006	0.0000
360	DL-C: Step 2	0.5024	0.3495	1.0071	0.0012	0.0012	0.0002
361	DL-C: Step 2	0.2370	1.7232	1.0222	0.0009	0.0009	-0.0001
363	DL-C: Step 2	0.8030	0.5514	0.6333	0.0011	0.0019	0.0004
364	DL-C: Step 2	-0.0038	1.5793	0.5881	0.0007	0.0011	-0.0003
366	DL-C: Step 2	1.2044	0.8006	-0.1962	0.0004	0.0010	0.0003
367	DL-C: Step 2	-0.3048	1.4000	0.0000	0.0009	0.0010	-0.0002
369	DL-C: Step 2	1.5147	0.7441	-1.4429	0.0000	0.0000	0.0000
370	DL-C: Step 2	-0.5698	1.3446	-1.4769	0.0001	0.0008	-0.0001
372	DL-C: Step 2	1.7842	0.7712	-3.1321	-0.0001	0.0005	0.0002
373	DL-C: Step 2	-0.8041	1.2328	-3.1274	-0.0001	0.0010	-0.0005
375	DL-C: Step 2	2.0469	1.0463	-5.0068	-0.0005	0.0008	0.0006
376	DL-C: Step 2	-1.0365	0.9843	-4.9868	-0.0004	0.0014	-0.0004
378	DL-C: Step 2	2.3168	1.4442	-7.0411	-0.0006	0.0021	0.0004
379	DL-C: Step 2	-1.2506	0.6791	-7.0377	-0.0006	0.0022	-0.0004
381	DL-C: Step 2	2.5089	1.8847	-9.1817	-0.0010	0.0016	0.0003
382	DL-C: Step 2	-1.4332	0.4041	-9.1551	-0.0011	0.0021	-0.0003
384	DL-C: Step 2	2.8371	1.9036	-11.3224	-0.0014	0.0019	0.0003
385	DL-C: Step 2	-1.5778	0.1298	-11.3197	-0.0014	0.0023	-0.0003
387	DL-C: Step 2	2.7390	2.1368	-13.4740	-0.0016	0.0023	0.0003
388	DL-C: Step 2	-1.7518	-0.1577	-13.4715	-0.0017	0.0025	-0.0003
390	DL-C: Step 2	2.8268	2.4211	-15.5861	-0.0019	0.0029	0.0003
391	DL-C: Step 2	-1.8034	-0.4600	-15.5871	-0.0019	0.0029	-0.0003
393	DL-C: Step 2	2.9193	2.7421	-17.5580	-0.0025	0.0027	0.0003
394	DL-C: Step 2	-1.8995	-0.7717	-17.5575	-0.0024	0.0028	-0.0003
396	DL-C: Step 2	2.9737	3.0366	-19.4211	-0.0028	0.0028	0.0003
397	DL-C: Step 2	-1.9590	-1.0525	-19.4224	-0.0027	0.0029	-0.0003
399	DL-C: Step 2	2.9807	3.2700	-21.1232	-0.0031	0.0029	0.0002
400	DL-C: Step 2	-1.9787	-1.2803	-21.1245	-0.0030	0.0030	-0.0002
402	DL-C: Step 2	2.9899	3.5087	-22.8334	-0.0033	0.0033	0.0003
403	DL-C: Step 2	-1.9729	-1.4674	-22.8368	-0.0032	0.0032	-0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
405	DL-C: Step 2	3.0166	3.6730	-23.8280	-0.0037	0.0030	0.0003
406	DL-C: Step 2	-1.9787	-1.7357	-23.8302	-0.0037	0.0031	-0.0002
408	DL-C: Step 2	3.0253	4.1850	-24.9878	-0.0040	0.0030	0.0002
409	DL-C: Step 2	-1.9454	-1.9284	-24.9811	-0.0039	0.0031	-0.0001
411	DL-C: Step 2	2.9465	4.3519	-25.7963	-0.0041	0.0030	0.0000
412	DL-C: Step 2	-1.8462	-2.0141	-25.7994	-0.0041	0.0030	0.0000
414	DL-C: Step 2	2.8177	4.4443	-26.3408	-0.0042	0.0029	0.0001
415	DL-C: Step 2	-1.6988	-2.0286	-26.3450	-0.0042	0.0029	0.0001
417	DL-C: Step 2	2.7421	4.6305	-26.6144	-0.0043	0.0027	0.0001
418	DL-C: Step 2	-1.5096	-2.0636	-26.6176	-0.0043	0.0028	0.0001
420	DL-C: Step 2	2.6841	4.7973	-26.6143	-0.0044	0.0028	0.0001
421	DL-C: Step 2	-1.3910	-2.0954	-26.6177	-0.0044	0.0028	0.0001
423	DL-C: Step 2	2.5557	4.9414	-26.3409	-0.0045	0.0025	0.0001
424	DL-C: Step 2	-1.1950	-2.0034	-26.3449	-0.0045	0.0024	0.0001
426	DL-C: Step 2	2.5186	5.1733	-25.7963	-0.0045	0.0024	0.0002
427	DL-C: Step 2	-1.0111	-1.9696	-25.7994	-0.0045	0.0023	0.0002
429	DL-C: Step 2	2.4427	5.3272	-24.9878	-0.0045	0.0022	0.0000
430	DL-C: Step 2	-0.7838	-1.8618	-24.9810	-0.0045	0.0021	0.0003
432	DL-C: Step 2	2.2767	5.3358	-23.8279	-0.0043	0.0020	-0.0002
433	DL-C: Step 2	-0.4962	-1.6485	-23.8301	-0.0044	0.0019	0.0004
435	DL-C: Step 2	2.0842	5.2546	-22.8334	-0.0043	0.0015	-0.0001
436	DL-C: Step 2	-0.1567	-1.3758	-22.8368	-0.0043	0.0015	0.0004
438	DL-C: Step 2	1.9764	5.3380	-21.1232	-0.0040	0.0015	0.0000
439	DL-C: Step 2	0.1456	-1.1372	-21.1244	-0.0040	0.0014	0.0004
441	DL-C: Step 2	1.8810	5.3787	-19.4211	-0.0038	0.0012	-0.0001
442	DL-C: Step 2	0.4565	-0.9660	-19.4224	-0.0039	0.0011	0.0003
444	DL-C: Step 2	1.7713	5.3479	-17.5576	-0.0035	0.0010	-0.0001
445	DL-C: Step 2	0.7991	-0.5370	-17.5575	-0.0036	0.0009	0.0003
447	DL-C: Step 2	1.6462	5.2676	-15.5850	-0.0035	0.0004	-0.0001
448	DL-C: Step 2	1.1044	-0.1836	-15.5871	-0.0035	0.0004	0.0003
450	DL-C: Step 2	1.5559	5.2076	-13.4740	-0.0029	0.0006	-0.0001
451	DL-C: Step 2	1.5013	0.2085	-13.4715	-0.0030	0.0004	0.0003
453	DL-C: Step 2	1.5166	5.1554	-11.3224	-0.0023	0.0003	-0.0001
454	DL-C: Step 2	1.5373	0.5827	-11.3197	-0.0027	0.0002	0.0005

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
456	DL-C: Step 2	1.5153	5.0696	-9.1817	-0.0019	0.0002	-0.0001
457	DL-C: Step 2	2.1345	0.6676	-9.1551	-0.0023	0.0001	0.0000
459	DL-C: Step 2	1.5061	4.9400	-7.0410	-0.0021	-0.0004	-0.0002
460	DL-C: Step 2	2.4257	1.4140	-7.0378	-0.0023	-0.0005	0.0006
462	DL-C: Step 2	1.4015	4.8842	-5.0068	-0.0010	0.0000	-0.0003
463	DL-C: Step 2	2.7429	1.8853	-4.9997	-0.0014	-0.0003	0.0006
465	DL-C: Step 2	1.4179	4.4232	-3.1321	-0.0005	-0.0002	0.0000
466	DL-C: Step 2	2.9647	2.3368	-3.1074	-0.0010	-0.0004	0.0004
468	DL-C: Step 2	1.6413	4.3233	-1.4428	0.0000	0.0001	0.0002
469	DL-C: Step 2	3.1148	2.7310	-1.4770	-0.0007	-0.0004	0.0003
471	DL-C: Step 2	1.9675	4.2033	-0.1982	-0.0007	-0.0007	0.0005
472	DL-C: Step 2	3.1815	3.1248	0.0000	-0.0007	-0.0008	0.0004
474	DL-C: Step 2	2.0638	3.8623	0.8332	-0.0012	-0.0018	-0.0002
475	DL-C: Step 2	3.3451	3.6044	0.5991	-0.0007	-0.0011	0.0005
477	DL-C: Step 2	2.1602	3.6318	1.0070	-0.0006	-0.0016	0.0000
478	DL-C: Step 2	3.5068	4.0127	1.0321	-0.0004	-0.0012	0.0003
480	DL-C: Step 2	2.4182	3.6052	1.1899	-0.0004	-0.0015	0.0003
481	DL-C: Step 2	3.8000	4.2966	1.1778	-0.0001	-0.0011	0.0002
483	DL-C: Step 2	2.7171	3.6861	1.1388	0.0003	-0.0007	0.0002
484	DL-C: Step 2	3.6606	4.4601	1.1382	0.0004	-0.0007	0.0002
486	DL-C: Step 2	2.8592	3.8607	0.9650	0.0002	-0.0012	0.0001
487	DL-C: Step 2	3.7854	4.6838	0.9728	0.0002	-0.0008	0.0002
489	DL-C: Step 2	2.9482	3.8466	0.8818	0.0003	-0.0012	0.0001
490	DL-C: Step 2	3.8626	4.6579	0.8861	0.0004	-0.0008	0.0002
492	DL-C: Step 2	3.0711	3.8851	0.3812	0.0003	-0.0011	0.0002
493	DL-C: Step 2	3.9794	4.6718	0.3852	0.0004	-0.0008	0.0001
495	DL-C: Step 2	3.2159	3.8035	-0.0154	0.0007	-0.0006	0.0002
496	DL-C: Step 2	4.0592	5.0351	-0.0167	0.0008	-0.0006	0.0001
498	DL-C: Step 2	3.3627	3.9264	-0.3760	0.0005	-0.0009	0.0003
499	DL-C: Step 2	4.1290	5.0756	-0.3758	0.0005	-0.0006	0.0001
501	DL-C: Step 2	3.4825	4.0555	-0.7147	0.0004	-0.0008	0.0002
502	DL-C: Step 2	4.2066	5.0974	-0.7149	0.0005	-0.0006	0.0001
504	DL-C: Step 2	3.5729	4.1813	-1.0061	0.0004	-0.0006	0.0002
505	DL-C: Step 2	4.2873	5.1111	-1.0060	0.0005	-0.0006	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
507	DL-C: Step 2	3.6669	4.3215	-1.2328	0.0005	-0.0005	0.0002
508	DL-C: Step 2	4.3854	5.1084	-1.2356	0.0005	-0.0005	0.0000
510	DL-C: Step 2	3.8227	4.5006	-1.3813	0.0003	-0.0005	0.0002
511	DL-C: Step 2	4.4380	5.0786	-1.3816	0.0003	-0.0006	0.0000
513	DL-C: Step 2	3.9630	4.6735	-1.4484	0.0002	-0.0004	0.0002
514	DL-C: Step 2	4.4883	5.0436	-1.4483	0.0003	-0.0004	0.0000
516	DL-C: Step 2	4.0522	4.8136	-1.4299	0.0002	-0.0004	0.0001
517	DL-C: Step 2	4.5640	5.0246	-1.4314	0.0002	-0.0004	0.0001
519	DL-C: Step 2	4.1355	4.9450	-1.3269	0.0001	-0.0004	0.0003
520	DL-C: Step 2	4.6731	5.0087	-1.3258	0.0000	-0.0004	0.0000
522	DL-C: Step 2	4.3000	5.1342	-1.1288	0.0001	-0.0001	0.0003
523	DL-C: Step 2	4.7274	4.9573	-1.1329	0.0009	0.0002	0.0000
525	DL-C: Step 2	4.4724	5.2834	-0.6409	-0.0001	-0.0001	0.0002
526	DL-C: Step 2	4.7674	4.9390	-0.6462	0.0000	-0.0002	0.0000
528	DL-C: Step 2	4.5857	5.4013	-0.4859	0.0004	0.0002	0.0001
529	DL-C: Step 2	4.8358	4.9334	-0.4917	0.0001	-0.0001	0.0001
531	DL-C: Step 2	4.6646	5.4481	-0.0830	-0.0003	-0.0002	0.0001
532	DL-C: Step 2	4.9121	4.9671	0.0000	-0.0007	-0.0004	0.0001
534	DL-C: Step 2	0.3041	0.0268	-0.0645	0.0000	0.0001	0.0001
535	DL-C: Step 2	0.0000	0.0234	0.0000	0.0000	0.0001	0.0001
537	DL-C: Step 2	0.3003	0.0884	-0.2797	0.0001	-0.0003	0.0001
538	DL-C: Step 2	0.0099	0.1293	-0.2845	0.0000	-0.0001	0.0001
540	DL-C: Step 2	0.2854	0.1314	-0.5098	0.0001	-0.0002	0.0000
541	DL-C: Step 2	0.0407	0.2570	-0.5042	0.0001	-0.0001	0.0001
543	DL-C: Step 2	0.2139	0.1150	-0.6869	0.0002	-0.0002	0.0000
544	DL-C: Step 2	0.0896	0.4108	-0.6672	0.0002	-0.0001	0.0002
546	DL-C: Step 2	0.1455	0.0868	-0.7489	0.0003	-0.0001	0.0000
547	DL-C: Step 2	0.1537	0.5883	-0.7502	0.0003	0.0000	0.0001
549	DL-C: Step 2	0.0790	0.1727	-0.7236	0.0004	-0.0001	0.0001
550	DL-C: Step 2	0.2209	0.6805	-0.7235	0.0004	-0.0001	0.0001
552	DL-C: Step 2	0.0104	0.2257	-0.6073	0.0005	-0.0001	0.0000
553	DL-C: Step 2	0.2901	0.8046	-0.6075	0.0004	-0.0001	0.0001
555	DL-C: Step 2	-0.0593	0.2066	-0.4049	0.0006	-0.0001	-0.0001
556	DL-C: Step 2	0.3609	0.9609	-0.4043	0.0005	-0.0002	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
558	DL-C: Step 2	-0.1223	0.1618	-0.1247	0.0006	-0.0003	0.0000
559	DL-C: Step 2	0.4262	1.1264	-0.1283	0.0007	-0.0003	0.0002
561	DL-C: Step 2	-0.1715	0.1638	0.2219	0.0008	0.0000	0.0000
562	DL-C: Step 2	0.4633	1.2521	0.2236	0.0007	-0.0002	0.0001
564	DL-C: Step 2	-0.1999	0.2413	0.6205	0.0009	0.0000	0.0000
565	DL-C: Step 2	0.5240	1.3629	0.6205	0.0008	-0.0002	0.0001
567	DL-C: Step 2	-0.2092	0.2662	1.0403	0.0009	0.0001	0.0000
568	DL-C: Step 2	0.5490	1.4724	1.0429	0.0008	-0.0001	0.0001
570	DL-C: Step 2	-0.1910	0.2642	1.4637	0.0009	-0.0003	0.0000
571	DL-C: Step 2	0.5501	1.5837	1.4648	0.0009	-0.0004	0.0001
573	DL-C: Step 2	-0.1588	0.2504	1.8264	0.0010	0.0004	0.0000
574	DL-C: Step 2	0.5305	1.6828	1.8311	0.0010	0.0000	0.0001
576	DL-C: Step 2	-0.0733	0.2936	2.1288	0.0010	0.0005	0.0001
577	DL-C: Step 2	0.4902	1.7586	2.1345	0.0010	0.0001	0.0000
579	DL-C: Step 2	0.0905	0.4093	2.3158	0.0010	0.0007	0.0002
580	DL-C: Step 2	0.4019	1.7679	2.3246	0.0010	0.0003	0.0000
582	DL-C: Step 2	0.2367	0.4796	2.3446	0.0009	0.0002	0.0000
583	DL-C: Step 2	0.2722	1.7713	2.3514	0.0009	0.0001	0.0000
585	DL-C: Step 2	0.3640	0.3283	2.1887	0.0011	0.0013	-0.0001
586	DL-C: Step 2	0.1405	1.8495	2.1753	0.0011	0.0008	0.0000
588	DL-C: Step 2	0.6141	0.2795	1.7304	0.0010	0.0016	0.0002
589	DL-C: Step 2	-0.0536	1.8525	1.7589	0.0011	0.0011	-0.0001
591	DL-C: Step 2	0.9634	0.4804	1.0244	0.0010	0.0022	0.0004
592	DL-C: Step 2	-0.3307	1.7156	0.9910	0.0009	0.0014	-0.0003
594	DL-C: Step 2	1.4149	0.7620	-0.1880	0.0004	0.0014	0.0002
595	DL-C: Step 2	-0.6696	1.5370	0.0000	0.0004	0.0013	-0.0002
597	DL-C: Step 2	1.7582	0.6729	-1.6021	-0.0001	0.0003	0.0000
598	DL-C: Step 2	-0.9633	1.8068	-1.9357	0.0002	0.0011	-0.0001
600	DL-C: Step 2	2.0309	0.6824	-4.1029	-0.0002	0.0009	0.0002
601	DL-C: Step 2	-1.2218	1.4148	-4.0770	0.0001	0.0014	-0.0002
603	DL-C: Step 2	2.3398	0.9258	-6.5315	-0.0005	0.0013	0.0005
604	DL-C: Step 2	-1.4606	1.1766	-6.5347	-0.0002	0.0018	-0.0004
606	DL-C: Step 2	2.6027	1.3212	-9.1571	-0.0004	0.0026	0.0004
607	DL-C: Step 2	-1.7197	0.8533	-9.1518	-0.0004	0.0026	-0.0004

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
609	DL-C: Step 2	2.8437	1.5699	-11.9089	-0.0010	0.0020	0.0003
610	DL-C: Step 2	-1.8188	0.5661	-11.9024	-0.0009	0.0024	-0.0003
612	DL-C: Step 2	2.9748	1.7720	-14.7170	-0.0013	0.0023	0.0002
613	DL-C: Step 2	-2.0646	0.5214	-14.7152	-0.0012	0.0027	-0.0003
615	DL-C: Step 2	3.0668	1.9661	-17.5188	-0.0016	0.0026	0.0003
616	DL-C: Step 2	-2.1850	0.0390	-17.5156	-0.0015	0.0029	-0.0003
618	DL-C: Step 2	3.1429	2.2851	-20.2451	-0.0017	0.0035	0.0003
619	DL-C: Step 2	-2.2791	-0.2985	-20.2470	-0.0017	0.0034	-0.0003
621	DL-C: Step 2	3.2314	2.6265	-22.8600	-0.0023	0.0030	0.0003
622	DL-C: Step 2	-2.3652	-0.5830	-22.8593	-0.0023	0.0032	-0.0003
624	DL-C: Step 2	3.2652	2.9518	-25.3115	-0.0028	0.0031	0.0002
625	DL-C: Step 2	-2.4037	-0.8852	-25.3128	-0.0028	0.0033	-0.0002
627	DL-C: Step 2	3.2275	3.1805	-27.5554	-0.0029	0.0032	0.0002
628	DL-C: Step 2	-2.3898	-1.1141	-27.5574	-0.0029	0.0033	-0.0002
630	DL-C: Step 2	3.1699	3.4263	-29.5515	-0.0031	0.0036	0.0003
631	DL-C: Step 2	-2.3437	-1.3295	-29.5552	-0.0031	0.0035	-0.0002
633	DL-C: Step 2	3.2004	3.8646	-31.2868	-0.0036	0.0032	0.0004
634	DL-C: Step 2	-2.3266	-1.6213	-31.2898	-0.0039	0.0033	-0.0002
636	DL-C: Step 2	3.1765	4.2351	-32.6750	-0.0039	0.0032	0.0002
637	DL-C: Step 2	-2.2589	-1.8508	-32.6788	-0.0039	0.0033	-0.0001
639	DL-C: Step 2	3.0287	4.4022	-33.7504	-0.0041	0.0031	0.0000
640	DL-C: Step 2	-2.1048	-1.9437	-33.7548	-0.0041	0.0032	0.0001
642	DL-C: Step 2	2.8129	4.4735	-34.4775	-0.0041	0.0031	0.0000
643	DL-C: Step 2	-1.8815	-1.9535	-34.4818	-0.0042	0.0030	0.0001
645	DL-C: Step 2	2.6835	4.6878	-34.8400	-0.0043	0.0028	0.0001
646	DL-C: Step 2	-1.7022	-2.0151	-34.8444	-0.0044	0.0026	0.0001
648	DL-C: Step 2	2.5362	4.9002	-34.8398	-0.0044	0.0026	0.0001
649	DL-C: Step 2	-1.4645	-2.0355	-34.8446	-0.0045	0.0026	0.0001
651	DL-C: Step 2	2.3845	5.0793	-34.4771	-0.0046	0.0024	0.0002
652	DL-C: Step 2	-1.2408	-2.0127	-34.4818	-0.0046	0.0023	0.0001
654	DL-C: Step 2	2.3313	5.4022	-33.7506	-0.0046	0.0023	0.0002
655	DL-C: Step 2	-1.0287	-2.0370	-33.7548	-0.0047	0.0023	0.0001
657	DL-C: Step 2	2.2242	5.6188	-32.6750	-0.0046	0.0021	0.0000
658	DL-C: Step 2	-0.7676	-1.9726	-32.6788	-0.0047	0.0020	0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
660	DL-C: Step 2	1.9833	5.8319	-31.2667	-0.0045	0.0018	-0.0002
661	DL-C: Step 2	-0.4210	-1.7712	-31.2700	-0.0046	0.0017	0.0004
663	DL-C: Step 2	1.7299	5.5657	-29.5518	-0.0045	0.0012	-0.0001
664	DL-C: Step 2	-0.0394	-1.4873	-29.5553	-0.0045	0.0012	0.0004
666	DL-C: Step 2	1.6009	5.6626	-27.5556	-0.0041	0.0012	0.0000
667	DL-C: Step 2	0.2905	-1.2864	-27.5574	-0.0043	0.0011	0.0004
669	DL-C: Step 2	1.4984	5.7447	-25.3117	-0.0040	0.0010	-0.0001
670	DL-C: Step 2	0.6192	-1.0423	-25.3129	-0.0041	0.0008	0.0004
672	DL-C: Step 2	1.3529	5.7299	-22.8900	-0.0037	0.0007	-0.0002
673	DL-C: Step 2	0.9633	-0.7347	-22.8896	-0.0039	0.0006	0.0005
675	DL-C: Step 2	1.1966	5.6403	-20.2454	-0.0038	0.0000	-0.0001
676	DL-C: Step 2	1.3581	-0.3492	-20.2472	-0.0038	0.0000	0.0006
678	DL-C: Step 2	1.1036	5.5840	-17.5194	-0.0031	0.0002	-0.0001
679	DL-C: Step 2	1.7152	0.0196	-17.5158	-0.0033	0.0001	0.0005
681	DL-C: Step 2	1.0896	5.5537	-14.7173	-0.0028	0.0001	0.0000
682	DL-C: Step 2	2.0389	0.4002	-14.7155	-0.0030	-0.0002	0.0005
684	DL-C: Step 2	1.0767	5.4896	-11.9090	-0.0023	0.0000	-0.0001
685	DL-C: Step 2	2.3390	0.7956	-11.9028	-0.0026	-0.0003	0.0005
687	DL-C: Step 2	1.0810	5.3334	-9.1574	-0.0024	-0.0007	-0.0002
688	DL-C: Step 2	2.8201	1.2354	-9.1520	-0.0026	-0.0009	0.0006
690	DL-C: Step 2	0.9889	5.0320	-6.5319	-0.0013	-0.0001	-0.0003
691	DL-C: Step 2	2.9357	1.7347	-6.5247	-0.0017	-0.0007	0.0006
693	DL-C: Step 2	1.0325	4.7795	-4.1026	-0.0008	-0.0002	0.0000
694	DL-C: Step 2	3.1872	2.2113	-4.0771	-0.0012	-0.0007	0.0004
696	DL-C: Step 2	1.3014	4.6736	-1.9020	-0.0003	0.0000	0.0002
697	DL-C: Step 2	3.2708	2.6202	-1.9359	-0.0009	-0.0007	0.0003
699	DL-C: Step 2	1.6759	4.5451	-0.1981	-0.0010	-0.0009	0.0000
700	DL-C: Step 2	3.3050	3.0318	0.0000	-0.0011	-0.0010	0.0004
702	DL-C: Step 2	1.7828	4.1546	1.0241	-0.0016	-0.0019	-0.0002
703	DL-C: Step 2	3.4049	3.5471	0.9812	-0.0009	-0.0014	0.0005
705	DL-C: Step 2	1.8894	3.8751	1.7304	-0.0010	-0.0016	0.0000
706	DL-C: Step 2	3.5856	3.8865	1.7570	-0.0005	-0.0015	0.0003
708	DL-C: Step 2	2.1817	3.8198	2.1889	-0.0007	-0.0015	0.0003
709	DL-C: Step 2	3.6509	4.2666	2.1793	-0.0002	-0.0013	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
711	DL-C: Step 2	2.5311	3.8836	2.3448	0.0003	-0.0006	0.0002
712	DL-C: Step 2	3.8690	4.4862	2.3617	0.0002	-0.0009	0.0002
714	DL-C: Step 2	2.6873	3.8185	2.3160	-0.0001	-0.0012	0.0000
715	DL-C: Step 2	3.7575	4.7339	2.3252	0.0002	-0.0010	0.0003
717	DL-C: Step 2	2.8055	3.7884	2.1295	0.0000	-0.0011	0.0001
718	DL-C: Step 2	3.8402	4.9301	2.1353	0.0004	-0.0009	0.0002
720	DL-C: Step 2	2.9563	3.7917	1.8276	0.0001	-0.0011	0.0002
721	DL-C: Step 2	3.9320	5.0641	1.8321	0.0004	-0.0009	0.0001
723	DL-C: Step 2	3.1383	3.8874	1.4850	0.0007	-0.0006	0.0002
724	DL-C: Step 2	3.9643	5.1427	1.4562	0.0007	-0.0007	0.0001
726	DL-C: Step 2	3.3051	3.9868	1.0420	0.0003	-0.0009	0.0002
727	DL-C: Step 2	4.0425	5.2081	1.0451	0.0005	-0.0007	0.0001
729	DL-C: Step 2	3.4358	4.0858	0.6230	0.0004	-0.0008	0.0002
730	DL-C: Step 2	4.1133	5.2468	0.6232	0.0005	-0.0006	0.0001
732	DL-C: Step 2	3.5398	4.2098	0.2251	0.0004	-0.0007	0.0002
733	DL-C: Step 2	4.1818	5.2710	0.2265	0.0005	-0.0006	0.0001
735	DL-C: Step 2	3.6512	4.3488	-0.1214	0.0007	-0.0004	0.0002
736	DL-C: Step 2	4.2963	5.2726	-0.1229	0.0005	-0.0005	0.0000
738	DL-C: Step 2	5.8264	4.5303	-0.4013	0.0004	-0.0005	0.0002
739	DL-C: Step 2	4.3113	5.2450	-0.4002	0.0004	-0.0004	0.0000
741	DL-C: Step 2	3.9757	4.7037	-0.6032	0.0003	-0.0004	0.0002
742	DL-C: Step 2	4.3673	5.2149	-0.6034	0.0003	-0.0003	0.0000
744	DL-C: Step 2	4.0833	4.8408	-0.7193	0.0003	-0.0003	0.0001
745	DL-C: Step 2	4.4529	5.1981	-0.7195	0.0002	-0.0003	0.0001
747	DL-C: Step 2	4.1347	4.9674	-0.7448	0.0003	-0.0002	0.0002
748	DL-C: Step 2	4.5481	5.1685	-0.7464	0.0001	-0.0003	0.0001
750	DL-C: Step 2	4.2671	5.1311	-0.6835	0.0003	-0.0001	0.0002
751	DL-C: Step 2	4.6077	5.1555	-0.6835	0.0002	-0.0001	0.0000
753	DL-C: Step 2	4.4459	5.2770	-0.5070	0.0002	0.0000	0.0002
754	DL-C: Step 2	4.6821	5.1368	-0.5015	0.0001	0.0000	0.0000
756	DL-C: Step 2	4.5727	5.3843	-0.2777	0.0003	0.0001	0.0001
757	DL-C: Step 2	4.7325	5.1439	-0.2834	0.0001	0.0000	0.0001
759	DL-C: Step 2	4.6826	5.4483	-0.0851	0.0000	0.0000	0.0001
760	DL-C: Step 2	4.8142	5.1775	0.0000	-0.0002	-0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
762	DL-C: Step 2	0.1470	0.0443	-0.0871	0.0000	0.0001	0.0001
763	DL-C: Step 2	0.0000	0.0294	0.0000	0.0000	0.0006	0.0001
765	DL-C: Step 2	0.1424	0.1363	-0.2063	0.0000	-0.0007	0.0001
766	DL-C: Step 2	0.0086	0.1079	-0.2396	0.0001	-0.0003	0.0001
768	DL-C: Step 2	0.0890	0.1638	-0.3328	0.0001	-0.0002	0.0000
769	DL-C: Step 2	0.0042	0.2198	-0.3382	0.0001	-0.0001	0.0001
771	DL-C: Step 2	0.0297	0.1818	-0.3510	0.0002	-0.0003	0.0000
772	DL-C: Step 2	0.0981	0.3756	-0.3567	0.0001	-0.0013	0.0002
774	DL-C: Step 2	-0.0481	0.1263	-0.2736	0.0003	-0.0001	0.0000
776	DL-C: Step 2	0.1943	0.5412	-0.2717	0.0003	-0.0001	0.0001
777	DL-C: Step 2	-0.1135	0.1902	-0.0854	0.0004	-0.0002	0.0001
778	DL-C: Step 2	0.2528	0.6593	-0.0860	0.0003	-0.0002	0.0001
780	DL-C: Step 2	-0.1754	0.2420	0.1868	0.0009	-0.0002	0.0000
781	DL-C: Step 2	0.3204	0.7544	0.1886	0.0004	-0.0002	0.0001
783	DL-C: Step 2	-0.2360	0.2377	0.5430	0.0006	-0.0002	0.0000
784	DL-C: Step 2	0.3875	0.8418	0.5439	0.0005	-0.0003	0.0002
786	DL-C: Step 2	-0.2675	0.1840	0.9650	0.0006	-0.0004	0.0000
787	DL-C: Step 2	0.4474	1.1115	0.9636	0.0006	-0.0004	0.0002
789	DL-C: Step 2	-0.3208	0.2146	1.4927	0.0008	-0.0001	0.0000
790	DL-C: Step 2	0.4982	1.2488	1.4928	0.0007	-0.0002	0.0001
792	DL-C: Step 2	-0.3279	0.2599	1.9882	0.0008	0.0001	0.0000
793	DL-C: Step 2	0.5271	1.3641	1.9888	0.0008	-0.0002	0.0001
795	DL-C: Step 2	-0.3099	0.2823	2.4786	0.0008	0.0002	0.0000
796	DL-C: Step 2	0.5365	1.4791	2.4842	0.0009	-0.0001	0.0001
798	DL-C: Step 2	-0.2613	0.2636	2.9537	0.0009	-0.0003	0.0000
799	DL-C: Step 2	0.5187	1.5844	2.9551	0.0009	-0.0004	0.0001
801	DL-C: Step 2	-0.2023	0.1898	3.3984	0.0009	0.0006	0.0000
802	DL-C: Step 2	0.4983	1.7238	3.3993	0.0011	0.0001	0.0001
804	DL-C: Step 2	-0.0769	0.1908	3.6407	0.0009	0.0008	0.0001
805	DL-C: Step 2	0.4053	1.8038	3.6499	0.0012	0.0003	0.0000
807	DL-C: Step 2	0.1213	0.3133	3.7432	0.0009	0.0010	0.0002
808	DL-C: Step 2	0.2751	1.8146	3.7562	0.0012	0.0006	0.0000
810	DL-C: Step 2	0.3801	0.4218	3.6084	0.0009	0.0005	0.0000
811	DL-C: Step 2	0.0957	1.8335	3.6194	0.0009	0.0004	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
813	DL-C: Step 2	0.6188	0.2848	3.1882	0.0007	0.0016	0.0000
814	DL-C: Step 2	-0.0849	1.9799	3.1910	0.0012	0.0008	0.0001
816	DL-C: Step 2	0.6527	0.2993	2.4377	0.0004	0.0008	0.0002
817	DL-C: Step 2	-0.3182	2.0298	2.4605	0.0013	0.0015	-0.0001
819	DL-C: Step 2	1.1629	0.5025	1.3992	0.0006	0.0016	0.0003
820	DL-C: Step 2	-0.9603	1.8837	1.3281	0.0011	0.0018	-0.0003
822	DL-C: Step 2	1.5469	0.7328	-0.2234	0.0006	0.0017	0.0002
823	DL-C: Step 2	-1.0722	1.7030	0.0000	0.0006	0.0017	-0.0002
825	DL-C: Step 2	1.8552	0.7070	-2.3740	0.0003	0.0018	0.0000
826	DL-C: Step 2	-1.4186	1.7291	-2.4470	0.0003	0.0014	-0.0001
828	DL-C: Step 2	2.1029	0.7311	-5.0855	0.0003	0.0027	0.0002
829	DL-C: Step 2	-1.7204	1.6805	-5.0714	0.0002	0.0018	-0.0002
831	DL-C: Step 2	2.3902	0.8398	-8.0351	-0.0001	0.0020	0.0004
832	DL-C: Step 2	-2.0243	1.4346	-8.0331	0.0000	0.0022	-0.0004
834	DL-C: Step 2	2.7192	1.2774	-11.2344	-0.0003	0.0029	0.0004
835	DL-C: Step 2	-2.3139	1.0826	-11.2260	-0.0002	0.0031	-0.0004
837	DL-C: Step 2	2.9605	1.4832	-14.6001	-0.0011	0.0022	0.0002
838	DL-C: Step 2	-2.5476	0.8188	-14.5914	-0.0008	0.0027	-0.0003
840	DL-C: Step 2	3.1124	1.6687	-18.0622	-0.0013	0.0025	0.0002
841	DL-C: Step 2	-2.7050	0.5695	-18.0580	-0.0010	0.0030	-0.0003
843	DL-C: Step 2	3.2219	1.9075	-21.5341	-0.0014	0.0029	0.0003
844	DL-C: Step 2	-2.8234	0.2946	-21.5304	-0.0014	0.0032	-0.0003
846	DL-C: Step 2	3.3018	2.2234	-24.9297	-0.0015	0.0039	0.0004
847	DL-C: Step 2	-2.9033	-0.0134	-24.9220	-0.0015	0.0039	-0.0003
849	DL-C: Step 2	3.3841	2.6219	-28.1781	-0.0022	0.0033	0.0004
850	DL-C: Step 2	-2.9804	-0.3577	-28.1781	-0.0022	0.0036	-0.0003
852	DL-C: Step 2	3.4086	2.9551	-31.2293	-0.0025	0.0034	0.0002
853	DL-C: Step 2	-2.9967	-0.6625	-31.2315	-0.0025	0.0037	-0.0002
855	DL-C: Step 2	3.3335	3.1768	-34.0330	-0.0028	0.0034	0.0001
856	DL-C: Step 2	-2.9470	-0.8908	-34.0357	-0.0029	0.0036	-0.0002
858	DL-C: Step 2	3.2298	3.4279	-36.5337	-0.0030	0.0036	0.0003
859	DL-C: Step 2	-2.8589	-1.1139	-36.5369	-0.0030	0.0039	-0.0002
861	DL-C: Step 2	3.2454	3.9405	-39.6711	-0.0036	0.0035	0.0005
862	DL-C: Step 2	-2.8143	-1.4516	-39.6757	-0.0036	0.0036	-0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
864	DL-C: Step 2	3.1941	4.3696	-40.4308	-0.0039	0.0034	0.0002
865	DL-C: Step 2	-2.7117	-1.7181	-40.4360	-0.0039	0.0035	-0.0001
867	DL-C: Step 2	2.9635	4.5391	-41.7802	-0.0041	0.0032	-0.0001
868	DL-C: Step 2	-2.5006	-1.8145	-41.7881	-0.0041	0.0033	0.0001
870	DL-C: Step 2	2.6857	4.5890	-42.6974	-0.0042	0.0031	0.0002
871	DL-C: Step 2	-2.2165	-1.8187	-42.7039	-0.0042	0.0032	0.0001
873	DL-C: Step 2	2.5059	4.6521	-43.1475	-0.0043	0.0029	0.0001
874	DL-C: Step 2	-1.9795	-1.9038	-43.1542	-0.0044	0.0029	0.0001
876	DL-C: Step 2	2.3106	5.0804	-43.1477	-0.0044	0.0026	0.0001
877	DL-C: Step 2	-1.7082	-1.8508	-43.1541	-0.0046	0.0026	0.0001
879	DL-C: Step 2	2.1039	5.3030	-42.6975	-0.0047	0.0023	0.0002
880	DL-C: Step 2	-1.4134	-1.9580	-42.7039	-0.0047	0.0023	0.0001
882	DL-C: Step 2	2.0353	5.7158	-41.7802	-0.0047	0.0022	0.0003
883	DL-C: Step 2	-1.1733	-2.0367	-41.7884	-0.0048	0.0022	0.0001
885	DL-C: Step 2	1.9026	5.9844	-40.4308	-0.0048	0.0020	0.0000
886	DL-C: Step 2	-0.8793	-2.0181	-40.4362	-0.0049	0.0018	0.0003
888	DL-C: Step 2	1.8118	6.0117	-36.8714	-0.0047	0.0016	-0.0003
889	DL-C: Step 2	-0.4797	-1.8250	-36.8758	-0.0048	0.0016	0.0005
891	DL-C: Step 2	1.2797	5.9313	-36.5339	-0.0048	0.0009	-0.0001
892	DL-C: Step 2	-0.0399	-1.5477	-36.5388	-0.0048	0.0010	0.0004
894	DL-C: Step 2	1.1286	6.0742	-34.0332	-0.0043	0.0010	0.0001
895	DL-C: Step 2	0.3252	-1.3652	-34.0362	-0.0045	0.0009	0.0004
897	DL-C: Step 2	1.0203	6.2009	-31.2298	-0.0042	0.0007	0.0000
898	DL-C: Step 2	0.6691	-1.1472	-31.2319	-0.0044	0.0008	0.0004
900	DL-C: Step 2	0.8534	6.1953	-28.1786	-0.0039	0.0005	-0.0002
901	DL-C: Step 2	1.0589	-0.8377	-28.1784	-0.0042	0.0003	0.0005
903	DL-C: Step 2	0.8668	6.0601	-24.9301	-0.0042	-0.0005	-0.0002
904	DL-C: Step 2	1.4600	-0.4579	-24.9324	-0.0042	-0.0004	0.0005
906	DL-C: Step 2	0.5515	6.0327	-21.5344	-0.0032	0.0000	-0.0001
907	DL-C: Step 2	1.8290	-0.0925	-21.5311	-0.0035	-0.0002	0.0006
909	DL-C: Step 2	0.5189	5.8796	-18.0626	-0.0028	0.0000	0.0000
910	DL-C: Step 2	2.1483	0.2873	-18.0585	-0.0032	-0.0004	0.0005
912	DL-C: Step 2	0.5561	5.6104	-14.8007	-0.0024	-0.0001	0.0000
913	DL-C: Step 2	2.4369	0.6911	-14.5917	-0.0028	-0.0005	0.0005

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
915	DL-C: Step 2	0.6173	5.7511	-11.2347	-0.0028	-0.0011	-0.0002
916	DL-C: Step 2	2.7087	1.1633	-11.2355	-0.0028	-0.0012	0.0006
918	DL-C: Step 2	0.6081	5.4440	-8.0352	-0.0018	-0.0008	-0.0002
919	DL-C: Step 2	3.0282	1.7323	-8.5339	-0.0020	-0.0010	0.0006
921	DL-C: Step 2	0.6859	5.2467	-5.0857	-0.0023	-0.0014	0.0000
922	DL-C: Step 2	3.2527	2.2567	-5.0717	-0.0013	-0.0009	0.0004
924	DL-C: Step 2	0.8178	5.1569	-2.3743	-0.0015	-0.0011	0.0001
925	DL-C: Step 2	3.3022	2.6838	-2.4471	-0.0011	-0.0009	0.0003
927	DL-C: Step 2	1.2239	5.0351	-0.2233	-0.0013	-0.0013	0.0000
928	DL-C: Step 2	3.2896	3.1286	0.0000	-0.0012	-0.0012	0.0004
930	DL-C: Step 2	1.3391	4.7256	1.3997	-0.0012	-0.0012	-0.0001
931	DL-C: Step 2	3.4016	3.7227	1.3263	-0.0011	-0.0018	0.0005
933	DL-C: Step 2	1.4457	4.4831	2.4362	-0.0008	-0.0008	0.0000
934	DL-C: Step 2	3.5181	4.2256	2.4509	-0.0008	-0.0019	0.0003
936	DL-C: Step 2	1.5884	4.4139	3.1686	-0.0011	-0.0014	0.0002
937	DL-C: Step 2	3.5185	4.5446	3.1914	-0.0002	-0.0015	0.0001
939	DL-C: Step 2	2.0720	4.3911	3.6088	-0.0001	-0.0011	0.0002
940	DL-C: Step 2	3.4610	4.7720	3.6198	0.0001	-0.0010	0.0002
942	DL-C: Step 2	2.2469	4.2421	3.7440	-0.0005	-0.0013	0.0000
943	DL-C: Step 2	3.5185	5.0641	3.7565	0.0006	-0.0013	0.0002
945	DL-C: Step 2	2.3629	4.1368	3.6414	-0.0003	-0.0011	0.0001
946	DL-C: Step 2	3.6067	5.2825	3.6503	0.0003	-0.0012	0.0002
948	DL-C: Step 2	2.5960	4.1485	3.3575	-0.0002	-0.0011	0.0002
949	DL-C: Step 2	3.6570	5.4534	3.3662	0.0004	-0.0011	0.0001
951	DL-C: Step 2	2.8499	4.2515	2.9549	0.0008	-0.0007	0.0002
952	DL-C: Step 2	3.8888	5.5445	2.9561	0.0008	-0.0005	0.0001
954	DL-C: Step 2	3.0017	4.3364	2.4803	0.0002	-0.0006	0.0002
955	DL-C: Step 2	3.7364	5.6300	2.4804	0.0005	-0.0007	0.0001
957	DL-C: Step 2	3.2027	4.4296	1.9680	0.0003	-0.0007	0.0002
958	DL-C: Step 2	3.8042	5.8691	1.9704	0.0005	-0.0006	0.0001
960	DL-C: Step 2	3.3248	4.5306	1.4527	0.0005	-0.0007	0.0002
961	DL-C: Step 2	3.8771	5.7254	1.4547	0.0005	-0.0005	0.0001
963	DL-C: Step 2	3.4501	4.6589	0.9672	0.0006	-0.0004	0.0002
964	DL-C: Step 2	3.9468	5.7318	0.9657	0.0007	-0.0003	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
966	DL-C: Step 2	3.6355	4.8364	0.5459	0.0004	-0.0004	0.0002
967	DL-C: Step 2	3.9909	5.7132	0.5463	0.0004	-0.0003	0.0000
968	DL-C: Step 2	3.7912	5.0048	0.1821	0.0004	-0.0004	0.0002
970	DL-C: Step 2	4.0502	5.8804	0.1818	0.0004	-0.0002	0.0001
972	DL-C: Step 2	3.6882	5.1417	-0.0820	0.0003	-0.0003	0.0001
973	DL-C: Step 2	4.1400	5.8794	-0.0826	0.0003	-0.0002	0.0001
975	DL-C: Step 2	3.8751	5.2737	-0.2700	0.0002	-0.0002	0.0002
976	DL-C: Step 2	4.2399	5.8885	-0.2988	0.0003	-0.0001	0.0001
978	DL-C: Step 2	4.1472	5.4806	-0.3462	0.0004	0.0000	0.0002
979	DL-C: Step 2	4.3078	5.8218	-0.3527	0.0013	0.0005	0.0000
981	DL-C: Step 2	4.3152	5.8203	-0.3281	0.0002	0.0000	0.0002
982	DL-C: Step 2	4.3663	5.8116	-0.3339	0.0002	-0.0001	0.0001
984	DL-C: Step 2	4.4262	5.7409	-0.2028	0.0007	0.0003	0.0001
985	DL-C: Step 2	4.4632	5.8177	-0.2373	0.0003	0.0001	0.0001
987	DL-C: Step 2	4.5251	5.7956	-0.0868	-0.0003	-0.0001	0.0001
988	DL-C: Step 2	4.5738	5.8688	0.0000	-0.0008	-0.0002	0.0001
990	DL-C: Step 2	-0.0306	0.0604	-0.1304	-0.0001	0.0001	0.0001
991	DL-C: Step 2	0.0000	0.0439	0.0000	0.0000	0.0006	0.0000
993	DL-C: Step 2	-0.0296	0.1850	-0.1272	-0.0002	-0.0010	0.0001
994	DL-C: Step 2	-0.0023	0.0902	-0.1714	0.0001	-0.0005	0.0001
996	DL-C: Step 2	-0.0857	0.2341	-0.1586	-0.0002	-0.0003	0.0000
997	DL-C: Step 2	0.0436	0.1929	-0.1586	0.0002	-0.0003	0.0001
999	DL-C: Step 2	-0.1578	0.1902	-0.0569	0.0000	-0.0005	-0.0001
1000	DL-C: Step 2	0.0908	0.3643	-0.0624	0.0002	-0.0015	0.0002
1002	DL-C: Step 2	-0.2429	0.1401	0.1525	0.0002	-0.0003	0.0000
1003	DL-C: Step 2	0.1800	0.5288	0.1572	0.0003	-0.0002	0.0001
1005	DL-C: Step 2	-0.3153	0.1802	0.4765	0.0002	-0.0002	0.0001
1006	DL-C: Step 2	0.2506	0.6480	0.4790	0.0004	-0.0003	0.0001
1008	DL-C: Step 2	-0.3806	0.2312	0.9010	0.0003	-0.0002	0.0000
1009	DL-C: Step 2	0.3183	0.7718	0.9032	0.0008	-0.0003	0.0001
1011	DL-C: Step 2	-0.4401	0.2274	1.4128	0.0004	-0.0002	0.0000
1012	DL-C: Step 2	0.3852	0.8302	1.4154	0.0006	-0.0003	0.0002
1014	DL-C: Step 2	-0.4839	0.2033	1.9844	0.0008	-0.0005	0.0000
1015	DL-C: Step 2	0.4391	1.1053	1.9860	0.0006	-0.0005	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
1017	DL-C: Step 2	-0.5170	0.1715	2.6172	0.0004	0.0000	-0.0001
1018	DL-C: Step 2	0.4798	1.2418	2.6220	0.0013	-0.0003	0.0001
1020	DL-C: Step 2	-0.5306	0.0863	3.2844	-0.0012	0.0009	0.0000
1021	DL-C: Step 2	0.4966	1.3610	3.2878	0.0017	-0.0003	0.0001
1023	DL-C: Step 2	-0.4835	0.1588	3.8871	-0.0012	0.0006	0.0001
1024	DL-C: Step 2	0.4888	1.4791	3.8840	0.0016	-0.0002	0.0001
1026	DL-C: Step 2	-0.3679	0.2863	4.4421	0.0007	-0.0001	-0.0001
1027	DL-C: Step 2	0.4485	1.6123	4.4491	0.0010	-0.0003	0.0001
1029	DL-C: Step 2	-0.3556	-0.1316	4.8747	-0.0021	0.0014	-0.0003
1030	DL-C: Step 2	0.3856	1.7330	4.8840	0.0026	-0.0001	0.0001
1032	DL-C: Step 2	-0.2330	-0.3210	5.1384	-0.0033	0.0019	0.0001
1033	DL-C: Step 2	0.2743	1.8191	5.1502	0.0033	0.0000	0.0000
1035	DL-C: Step 2	0.0429	-0.0303	5.1884	-0.0020	0.0021	0.0005
1036	DL-C: Step 2	0.1116	1.8497	5.1924	0.0027	0.0005	0.0000
1038	DL-C: Step 2	0.4204	0.3793	4.8858	0.0009	0.0009	0.0001
1039	DL-C: Step 2	-0.1002	1.9029	4.8141	0.0012	0.0007	0.0001
1041	DL-C: Step 2	0.6699	0.8643	4.2423	-0.0014	0.0024	-0.0001
1042	DL-C: Step 2	-0.5218	2.0773	4.2448	0.0022	0.0007	0.0001
1044	DL-C: Step 2	0.8138	0.0047	3.1807	-0.0018	0.0018	0.0002
1045	DL-C: Step 2	-0.5835	2.1814	3.2081	0.0026	0.0015	-0.0001
1047	DL-C: Step 2	1.2798	0.3073	1.8029	-0.0010	0.0034	0.0005
1048	DL-C: Step 2	-0.8571	2.0423	1.7320	0.0020	0.0019	-0.0003
1050	DL-C: Step 2	1.7327	0.6661	-0.2143	0.0004	0.0021	0.0002
1051	DL-C: Step 2	-1.4031	1.8629	0.0000	0.0008	0.0020	-0.0002
1053	DL-C: Step 2	2.0184	0.4912	-2.8309	-0.0015	0.0028	-0.0001
1054	DL-C: Step 2	-1.7916	1.6941	-3.9017	0.0013	0.0014	-0.0001
1056	DL-C: Step 2	2.2468	0.3944	-6.0458	-0.0020	0.0039	0.0002
1057	DL-C: Step 2	-2.1130	1.5514	-6.0319	0.0015	0.0015	-0.0002
1059	DL-C: Step 2	2.5637	0.6478	-8.5368	-0.0023	0.0031	0.0005
1060	DL-C: Step 2	-2.4445	1.8044	-9.5371	0.0011	0.0024	-0.0004
1062	DL-C: Step 2	2.9873	1.1528	-13.3260	-0.0004	0.0031	0.0004
1063	DL-C: Step 2	-2.7646	1.2811	-13.3138	0.0000	0.0033	-0.0004
1065	DL-C: Step 2	3.1673	1.1672	-17.3456	-0.0020	0.0031	0.0001
1066	DL-C: Step 2	-3.0203	0.8674	-17.3363	0.0001	0.0026	-0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
1068	DL-C: Step 2	3.3404	1.3265	-21.4846	-0.0033	0.0034	0.0003
1069	DL-C: Step 2	-3.1670	0.7401	-21.4806	0.0000	0.0031	-0.0003
1071	DL-C: Step 2	3.4967	1.7009	-25.8390	-0.0017	0.0033	0.0004
1072	DL-C: Step 2	-3.3008	0.4795	-25.8329	-0.0008	0.0034	-0.0003
1074	DL-C: Step 2	3.5996	2.0826	-29.8980	-0.0018	0.0043	0.0004
1075	DL-C: Step 2	-3.3732	0.1770	-29.8942	-0.0014	0.0043	-0.0003
1077	DL-C: Step 2	3.6812	2.5106	-33.8036	-0.0023	0.0037	0.0004
1078	DL-C: Step 2	-3.4418	-0.1863	-33.8023	-0.0020	0.0036	-0.0003
1080	DL-C: Step 2	3.6733	2.8620	-37.2772	-0.0026	0.0038	0.0002
1081	DL-C: Step 2	-3.4365	-0.5082	-37.2760	-0.0023	0.0040	-0.0002
1083	DL-C: Step 2	3.5586	3.0846	-40.8480	-0.0029	0.0036	0.0001
1084	DL-C: Step 2	-3.3544	-0.7340	-40.8501	-0.0027	0.0039	-0.0001
1086	DL-C: Step 2	3.4163	3.3554	-43.8529	-0.0030	0.0042	0.0003
1087	DL-C: Step 2	-3.2262	-0.9621	-43.8562	-0.0029	0.0042	-0.0002
1089	DL-C: Step 2	3.4114	3.8342	-46.2325	-0.0037	0.0036	0.0005
1090	DL-C: Step 2	-3.1618	-1.3600	-46.2364	-0.0038	0.0038	-0.0003
1092	DL-C: Step 2	3.3314	4.4249	-46.3527	-0.0041	0.0037	0.0002
1093	DL-C: Step 2	-3.0272	-1.6573	-46.3574	-0.0038	0.0037	-0.0001
1095	DL-C: Step 2	3.0552	4.5955	-49.9734	-0.0043	0.0035	-0.0001
1096	DL-C: Step 2	-2.7601	-1.7573	-49.9789	-0.0041	0.0035	0.0001
1098	DL-C: Step 2	2.8753	4.8239	-51.5884	-0.0043	0.0032	0.0000
1099	DL-C: Step 2	-2.4092	-1.7468	-51.5746	-0.0043	0.0033	0.0001
1101	DL-C: Step 2	2.4314	4.9014	-51.8155	-0.0044	0.0029	0.0001
1102	DL-C: Step 2	-2.1213	-1.8574	-51.8217	-0.0044	0.0029	0.0001
1104	DL-C: Step 2	2.1839	5.1746	-51.8155	-0.0046	0.0026	0.0001
1105	DL-C: Step 2	-1.8060	-1.9310	-51.8219	-0.0046	0.0026	0.0001
1107	DL-C: Step 2	1.9364	5.4410	-51.5696	-0.0048	0.0024	0.0002
1108	DL-C: Step 2	-1.4684	-1.9847	-51.5751	-0.0048	0.0023	0.0001
1110	DL-C: Step 2	1.6532	5.5358	-49.9738	-0.0050	0.0023	0.0003
1111	DL-C: Step 2	-1.2083	-2.1120	-49.9791	-0.0048	0.0021	0.0001
1113	DL-C: Step 2	1.6920	6.2799	-46.3530	-0.0052	0.0020	0.0000
1114	DL-C: Step 2	-0.8815	-2.1357	-46.3579	-0.0050	0.0017	0.0003
1116	DL-C: Step 2	1.3356	6.2879	-46.2329	-0.0051	0.0016	-0.0003
1117	DL-C: Step 2	-0.4290	-1.9469	-46.2369	-0.0050	0.0014	0.0005

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
1119	DL-C: Step 2	0.9365	6.2084	-43.8534	-0.0051	0.0008	-0.0001
1120	DL-C: Step 2	0.0669	-1.9883	-43.8597	-0.0050	0.0007	0.0004
1122	DL-C: Step 2	0.7534	6.3791	-40.8488	-0.0047	0.0009	0.0001
1123	DL-C: Step 2	0.4511	-1.5137	-40.8508	-0.0047	0.0008	0.0003
1125	DL-C: Step 2	0.6282	6.5434	-37.2778	-0.0046	0.0006	0.0000
1126	DL-C: Step 2	0.6184	-1.3233	-37.2788	-0.0046	0.0003	0.0004
1128	DL-C: Step 2	0.4365	6.5534	-33.8042	-0.0043	0.0003	-0.0002
1129	DL-C: Step 2	1.2324	-1.0218	-33.8029	-0.0043	0.0000	0.0005
1131	DL-C: Step 2	0.3314	6.4515	-29.8998	-0.0049	-0.0006	-0.0002
1132	DL-C: Step 2	1.6554	-0.6373	-29.8987	-0.0044	-0.0007	0.0005
1134	DL-C: Step 2	0.0582	6.3426	-25.8395	-0.0037	0.0000	-0.0002
1135	DL-C: Step 2	2.0257	-0.2808	-25.8334	-0.0034	-0.0009	0.0005
1137	DL-C: Step 2	-0.0695	6.1873	-21.4851	-0.0040	0.0013	-0.0001
1138	DL-C: Step 2	2.3419	0.0834	-21.4811	-0.0027	-0.0013	0.0005
1140	DL-C: Step 2	0.0074	6.1502	-17.3481	-0.0043	0.0013	0.0001
1141	DL-C: Step 2	2.6249	0.5098	-17.3387	-0.0024	-0.0014	0.0005
1143	DL-C: Step 2	0.2052	6.1071	-13.3284	-0.0030	-0.0010	-0.0002
1144	DL-C: Step 2	2.8849	1.0057	-13.3112	-0.0030	-0.0015	0.0006
1146	DL-C: Step 2	0.0807	5.8416	-9.5391	-0.0038	0.0007	-0.0003
1147	DL-C: Step 2	3.1872	1.5884	-9.5373	-0.0016	-0.0021	0.0006
1148	DL-C: Step 2	0.1496	5.3833	-6.0460	-0.0044	0.0000	0.0000
1150	DL-C: Step 2	3.4123	2.1525	-6.0321	-0.0007	-0.0021	0.0004
1152	DL-C: Step 2	0.4652	5.3791	-2.8309	-0.0031	-0.0001	0.0003
1153	DL-C: Step 2	3.4471	2.6125	-2.9018	-0.0006	-0.0016	0.0003
1155	DL-C: Step 2	0.9182	5.3429	-0.2143	-0.0018	-0.0013	0.0000
1156	DL-C: Step 2	3.3961	3.0791	0.0000	-0.0014	-0.0016	0.0004
1158	DL-C: Step 2	0.9503	4.9161	1.8030	-0.0026	-0.0002	-0.0003
1159	DL-C: Step 2	3.5058	3.6693	1.7322	-0.0008	-0.0027	0.0005
1161	DL-C: Step 2	0.9964	4.5915	3.1800	-0.0024	0.0009	0.0000
1162	DL-C: Step 2	3.5962	4.2236	3.2063	-0.0001	-0.0030	0.0003
1164	DL-C: Step 2	1.3139	4.5096	4.2427	-0.0029	0.0002	0.0003
1165	DL-C: Step 2	3.5575	4.5558	4.3452	0.0004	-0.0023	0.0001
1167	DL-C: Step 2	1.8628	4.5890	4.8961	-0.0004	-0.0012	0.0001
1168	DL-C: Step 2	3.4579	4.8092	4.9147	-0.0001	-0.0014	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
1170	DL-C: Step 2	1.8244	4.1986	5.1689	-0.0028	0.0008	-0.0003
1171	DL-C: Step 2	3.4720	5.1054	5.1830	0.0008	-0.0028	0.0002
1173	DL-C: Step 2	1.8487	3.8503	5.1367	-0.0032	0.0020	0.0001
1174	DL-C: Step 2	3.5323	5.3662	5.1507	0.0015	-0.0029	0.0002
1176	DL-C: Step 2	2.2350	4.0029	4.8746	-0.0023	0.0013	0.0008
1177	DL-C: Step 2	3.5868	5.5536	4.8641	0.0013	-0.0023	0.0001
1179	DL-C: Step 2	2.7886	4.3275	4.4418	0.0009	-0.0008	0.0003
1180	DL-C: Step 2	3.5940	5.6797	4.4489	0.0007	-0.0009	0.0001
1182	DL-C: Step 2	2.8821	4.3135	3.9861	-0.0011	0.0008	0.0001
1183	DL-C: Step 2	3.6219	5.7772	3.9832	0.0009	-0.0014	0.0001
1185	DL-C: Step 2	3.0058	4.3604	3.3626	-0.0010	0.0008	0.0002
1186	DL-C: Step 2	3.6799	5.8504	3.2659	0.0010	-0.0013	0.0001
1188	DL-C: Step 2	3.2449	4.5284	2.8148	0.0002	-0.0004	0.0003
1189	DL-C: Step 2	3.7466	5.8665	2.8187	0.0006	-0.0008	0.0001
1191	DL-C: Step 2	3.4278	4.8861	1.9918	0.0007	-0.0002	0.0002
1192	DL-C: Step 2	3.8163	5.9148	1.9833	0.0007	-0.0003	0.0000
1194	DL-C: Step 2	3.6011	4.8470	1.4090	0.0004	-0.0002	0.0002
1195	DL-C: Step 2	3.8560	5.8961	1.4119	0.0005	-0.0004	0.0000
1197	DL-C: Step 2	3.7514	5.0110	0.8969	0.0003	-0.0001	0.0002
1198	DL-C: Step 2	3.9178	5.8778	0.8989	0.0005	-0.0003	0.0001
1200	DL-C: Step 2	3.8524	5.1532	0.4737	0.0003	-0.0001	0.0001
1201	DL-C: Step 2	4.0143	5.8668	0.4749	0.0004	-0.0002	0.0001
1203	DL-C: Step 2	3.9615	5.3041	0.1477	0.0003	0.0000	0.0002
1204	DL-C: Step 2	4.1176	5.8539	0.1527	0.0003	-0.0001	0.0000
1206	DL-C: Step 2	4.1458	5.5034	-0.0625	0.0004	0.0003	0.0003
1207	DL-C: Step 2	4.1780	5.7944	-0.0674	0.0014	0.0005	0.0000
1209	DL-C: Step 2	4.3346	5.6816	-0.1638	0.0002	0.0003	0.0002
1210	DL-C: Step 2	4.2352	5.7783	-0.1645	0.0004	-0.0001	0.0001
1212	DL-C: Step 2	4.4446	5.8104	-0.1310	0.0008	0.0008	0.0001
1213	DL-C: Step 2	4.3460	5.7841	-0.1738	0.0005	0.0001	0.0001
1215	DL-C: Step 2	4.5159	5.8480	-0.1278	-0.0001	0.0000	0.0001
1216	DL-C: Step 2	4.4648	5.8571	0.0000	-0.0008	-0.0004	0.0002

RESULT : Reactions

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
79	DL-C: Step 2	2.9535	0.0000	48.5749	0.0000	0.0000	0.0000
139	DL-C: Step 2	0.0000	0.0000	149.1000	0.0000	0.0000	0.0000
244	DL-C: Step 2	0.0000	0.0000	149.1077	0.0000	0.0000	0.0000
304	DL-C: Step 2	0.0000	0.0000	47.7121	0.0000	0.0000	0.0000
307	DL-C: Step 2	-1.8163	0.0000	44.3234	0.0000	0.0000	0.0000
367	DL-C: Step 2	0.0000	0.0000	136.4662	0.0000	0.0000	0.0000
472	DL-C: Step 2	0.0000	0.0000	136.4990	0.0000	0.0000	0.0000
532	DL-C: Step 2	0.0000	0.0000	44.7950	0.0000	0.0000	0.0000
535	DL-C: Step 2	-1.1819	0.0000	30.6270	0.0000	0.0000	0.0000
595	DL-C: Step 2	0.0000	0.0000	136.4387	0.0000	0.0000	0.0000
700	DL-C: Step 2	0.0000	0.0000	136.4356	0.0000	0.0000	0.0000
760	DL-C: Step 2	0.0000	0.0000	31.2231	0.0000	0.0000	0.0000
763	DL-C: Step 2	-4.0416	0.0000	43.2960	0.0000	0.0000	0.0000
823	DL-C: Step 2	0.0000	0.0000	172.9368	0.0000	0.0000	0.0000
828	DL-C: Step 2	0.0000	0.0000	172.9307	0.0000	0.0000	0.0000
888	DL-C: Step 2	0.0000	0.0000	44.0764	0.0000	0.0000	0.0000
891	DL-C: Step 2	4.0663	0.0000	48.3790	0.0000	0.0000	0.0000
1091	DL-C: Step 2	0.0000	0.0000	148.2863	0.0000	0.0000	0.0000
1196	DL-C: Step 2	0.0000	0.0000	148.2767	0.0000	0.0000	0.0000
1216	DL-C: Step 2	0.0000	0.0000	48.3615	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
3	79	Stage DL-C: DL-C: Step 2	6.8200	1.2975	0.5932	-0.0179	-0.4528	0.7467
3	81	Stage DL-C: DL-C: Step 2	-6.8200	1.0211	-0.5932	0.0179	-1.4017	-0.3167
4	79	Stage DL-C: DL-C: Step 2	-15.9930	4.2357	-0.5522	-0.0253	0.8806	1.9868
4	82	Stage DL-C: DL-C: Step 2	15.9930	4.2036	0.5522	0.0253	0.7356	-1.8521
6	81	Stage DL-C: DL-C: Step 2	21.4639	1.3615	0.0742	-0.0107	1.4085	0.9678
6	84	Stage DL-C: DL-C: Step 2	-21.4639	0.9570	-0.0742	0.0107	-1.8386	-0.3363
7	82	Stage DL-C: DL-C: Step 2	-26.7360	4.4731	-0.2185	-0.0240	-0.7409	2.6166
7	85	Stage DL-C: DL-C: Step 2	26.7360	3.9562	0.2185	0.0240	1.4178	-1.8117
9	84	Stage DL-C: DL-C: Step 2	29.3866	1.2571	-0.2960	-0.0126	1.8397	0.7429

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
9	87	Stage:DL-C: DL-C: Step 2	-29.2886	1.0615	0.2960	0.0125	-0.7144	-0.4373
10	88	Stage:DL-C: DL-C: Step 2	-43.0621	4.7537	0.3791	-0.0292	-1.4190	3.8446
10	98	Stage:DL-C: DL-C: Step 2	43.0621	3.8736	-0.3791	0.0292	0.2339	-1.1596
12	87	Stage:DL-C: DL-C: Step 2	34.8894	1.2181	-1.3582	-0.0022	0.7136	0.7139
12	90	Stage:DL-C: DL-C: Step 2	-34.8894	1.1005	1.3582	0.0022	3.5323	-0.5302
13	89	Stage:DL-C: DL-C: Step 2	-40.6177	0.6113	1.1222	-0.0395	-0.2324	0.9762
13	91	Stage:DL-C: DL-C: Step 2	40.6177	-0.2856	-1.1222	0.0395	-3.2759	0.3944
15	90	Stage:DL-C: DL-C: Step 2	36.8251	1.1798	1.4698	-0.0248	-0.5726	0.6218
15	93	Stage:DL-C: DL-C: Step 2	-36.8251	1.1366	-1.4698	0.0248	-1.0223	-0.5576
16	91	Stage:DL-C: DL-C: Step 2	-49.2869	0.2241	-1.3035	0.0049	3.2530	0.1367
16	94	Stage:DL-C: DL-C: Step 2	49.2869	-0.1217	1.3035	-0.0049	0.8239	0.0213
18	93	Stage:DL-C: DL-C: Step 2	38.3713	1.1770	0.2878	-0.0131	1.0281	0.6298
18	96	Stage:DL-C: DL-C: Step 2	-38.3713	1.1417	-0.2878	0.0131	-1.8258	-0.5744
19	94	Stage:DL-C: DL-C: Step 2	-52.0023	0.2138	-0.4187	-0.0148	-0.8274	0.1464
19	97	Stage:DL-C: DL-C: Step 2	52.0023	0.1318	0.4187	0.0148	2.1362	-0.0185
21	96	Stage:DL-C: DL-C: Step 2	38.8483	1.1483	-0.2842	-0.0113	1.8274	0.5806
21	99	Stage:DL-C: DL-C: Step 2	-38.8483	1.1694	0.2842	0.0113	-1.0088	-0.6170
22	97	Stage:DL-C: DL-C: Step 2	-52.8413	0.1577	0.4672	-0.0404	-2.1378	0.0847
22	100	Stage:DL-C: DL-C: Step 2	52.8413	0.1881	-0.4672	0.0404	0.9835	-0.1063
24	99	Stage:DL-C: DL-C: Step 2	37.4411	1.1335	-1.6046	-0.0001	1.0364	0.5558
24	102	Stage:DL-C: DL-C: Step 2	-37.4411	1.1851	1.6045	0.0001	3.8775	-0.6364
25	100	Stage:DL-C: DL-C: Step 2	-50.9828	0.1332	1.4060	-0.0595	-0.5824	3.0047
25	103	Stage:DL-C: DL-C: Step 2	50.9828	0.2125	-1.4060	0.0595	-3.8129	-0.1267
27	102	Stage:DL-C: DL-C: Step 2	35.7546	1.1080	0.8689	-0.0434	-4.0847	0.5301
27	105	Stage:DL-C: DL-C: Step 2	-35.7546	1.2106	-0.8689	0.0434	1.0857	-0.6905
28	103	Stage:DL-C: DL-C: Step 2	-48.2181	0.1179	-1.1811	0.1184	3.6598	-0.0025
28	106	Stage:DL-C: DL-C: Step 2	48.2181	0.2279	1.1811	-0.1184	-0.2288	-0.1687
30	105	Stage:DL-C: DL-C: Step 2	33.6558	1.0505	1.8257	-0.1932	-1.0497	0.4090
30	108	Stage:DL-C: DL-C: Step 2	-33.6558	1.2681	-1.8257	0.1932	-4.0364	-0.7791
31	106	Stage:DL-C: DL-C: Step 2	-44.1457	0.0572	-0.3516	0.0974	0.2048	-0.0912
31	109	Stage:DL-C: DL-C: Step 2	44.1457	0.2685	0.3516	-0.0974	0.8644	-0.2708
33	108	Stage:DL-C: DL-C: Step 2	28.5400	1.0215	-0.5468	-0.0194	4.0612	0.3766
33	111	Stage:DL-C: DL-C: Step 2	-28.5400	1.2971	0.5468	0.0194	-2.3484	-0.9104
34	109	Stage:DL-C: DL-C: Step 2	-36.9180	-0.0030	0.2912	-0.0489	-0.8200	-0.1863

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
34	112	Stage:DL-C: DL-C: Step 2	36.9190	0.3497	-0.2612	0.0489	0.1036	-0.3634
36	111	Stage:DL-C: DL-C: Step 2	21.1622	1.0469	-0.6103	0.2071	2.3283	0.4071
36	114	Stage:DL-C: DL-C: Step 2	-21.1622	1.2717	0.6103	-0.2071	6.8681	-0.7565
37	112	Stage:DL-C: DL-C: Step 2	-27.9629	0.0082	0.7230	-0.2170	-0.0847	-0.1957
37	115	Stage:DL-C: DL-C: Step 2	27.9629	0.3365	-0.7230	0.2170	-2.1758	-0.3158
39	114	Stage:DL-C: DL-C: Step 2	10.4108	1.0182	3.4528	-0.3456	-6.3138	0.4081
39	117	Stage:DL-C: DL-C: Step 2	-10.4108	1.3024	-3.4528	0.3456	-1.4832	-0.8555
40	115	Stage:DL-C: DL-C: Step 2	-15.2819	-0.0517	-0.0300	0.3945	2.4433	-0.2205
40	118	Stage:DL-C: DL-C: Step 2	15.2819	0.3674	0.0300	-0.3945	-2.3495	-0.4814
42	117	Stage:DL-C: DL-C: Step 2	-0.5017	0.9325	0.8732	-0.1158	1.5204	0.2534
42	120	Stage:DL-C: DL-C: Step 2	0.5017	1.3681	-0.8732	0.1158	-4.5628	-0.9624
43	118	Stage:DL-C: DL-C: Step 2	-1.0862	-0.1363	-0.0283	0.1659	2.3156	-0.4145
43	121	Stage:DL-C: DL-C: Step 2	1.0862	0.5021	0.0283	-0.1659	-2.2231	-0.6148
45	120	Stage:DL-C: DL-C: Step 2	-14.1185	0.8923	-0.5310	0.1322	4.5618	0.1948
45	123	Stage:DL-C: DL-C: Step 2	14.1185	1.4263	0.5310	-0.1322	-2.8018	-1.0294
46	121	Stage:DL-C: DL-C: Step 2	16.2084	-0.2062	-0.3559	-0.1449	2.2232	-0.4747
46	124	Stage:DL-C: DL-C: Step 2	-16.2084	0.5519	0.3559	0.1449	-1.1128	-0.7103
48	123	Stage:DL-C: DL-C: Step 2	-29.0836	0.9162	-2.4935	0.3411	2.8635	0.2034
48	126	Stage:DL-C: DL-C: Step 2	29.0836	1.4024	2.4935	-0.3411	4.8018	-0.9635
49	124	Stage:DL-C: DL-C: Step 2	34.8977	-0.1596	-0.9435	-0.3717	1.1523	-0.4579
49	127	Stage:DL-C: DL-C: Step 2	-34.8977	0.5056	0.9435	0.3717	1.7973	-0.5823
51	126	Stage:DL-C: DL-C: Step 2	-50.0617	0.8626	1.4910	-0.3077	-5.5152	0.1981
51	129	Stage:DL-C: DL-C: Step 2	50.0617	1.4658	-1.4910	0.3077	0.8540	-1.1461
52	127	Stage:DL-C: DL-C: Step 2	60.4483	-0.2582	2.0620	0.3699	-1.2118	-0.4782
52	130	Stage:DL-C: DL-C: Step 2	-60.4483	0.8046	-2.0620	-0.3699	-5.2345	-0.6726
54	129	Stage:DL-C: DL-C: Step 2	-71.4915	0.7462	0.1425	-0.0990	-0.8247	-0.0294
54	132	Stage:DL-C: DL-C: Step 2	71.4915	1.5704	-0.1425	0.0990	0.3792	-1.2367
55	130	Stage:DL-C: DL-C: Step 2	88.0004	-0.4727	0.8699	0.1845	5.2043	-0.8605
55	133	Stage:DL-C: DL-C: Step 2	-88.0004	0.8184	-0.8699	-0.1845	-7.2893	-1.1576
57	132	Stage:DL-C: DL-C: Step 2	-86.3731	0.8587	-0.0173	0.1436	-0.3823	-0.1278
57	135	Stage:DL-C: DL-C: Step 2	86.3731	1.6600	0.0173	-0.1436	0.4058	-1.4375
58	133	Stage:DL-C: DL-C: Step 2	119.1468	-0.4104	-1.2879	-0.0654	7.2825	-0.8015
58	136	Stage:DL-C: DL-C: Step 2	-119.1468	0.7561	1.2879	0.0654	-3.2663	-1.2217
60	135	Stage:DL-C: DL-C: Step 2	-123.8797	0.8693	-0.3048	0.3435	-0.4710	0.0841

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
60	138	Stage:DL-C: DL-C: Step 2	123.9797	1.4193	0.3046	-0.3455	1.4234	-0.9069
61	136	Stage:DL-C: DL-C: Step 2	146.5008	-0.2966	-3.7557	-0.2551	3.3024	-0.6970
61	139	Stage:DL-C: DL-C: Step 2	-146.5008	0.6423	3.7557	0.2551	6.4087	-0.7707
63	138	Stage:DL-C: DL-C: Step 2	-124.6442	1.3813	0.2784	-0.2843	-1.3932	0.8511
63	141	Stage:DL-C: DL-C: Step 2	124.6442	0.9374	-0.2784	0.2843	0.5290	-0.1573
64	139	Stage:DL-C: DL-C: Step 2	147.5171	0.9378	3.6898	0.4308	-6.3404	0.7797
64	142	Stage:DL-C: DL-C: Step 2	-147.5171	-0.2921	-3.6898	-0.4308	-3.1946	0.6738
66	141	Stage:DL-C: DL-C: Step 2	-98.0819	1.9158	0.0609	-0.0832	-0.5016	1.3679
66	144	Stage:DL-C: DL-C: Step 2	98.0819	0.7031	-0.0609	0.0832	0.3113	0.0584
67	142	Stage:DL-C: DL-C: Step 2	121.2741	0.7242	1.1934	0.2351	3.1668	0.9713
67	145	Stage:DL-C: DL-C: Step 2	-121.2741	-0.3784	-1.1934	-0.2351	-6.8877	0.7521
69	144	Stage:DL-C: DL-C: Step 2	-74.2554	1.5241	0.0429	0.1630	-0.3158	1.1882
69	147	Stage:DL-C: DL-C: Step 2	74.2554	0.7945	-0.0429	-0.1630	0.1818	-0.0447
70	145	Stage:DL-C: DL-C: Step 2	91.5858	0.7867	-0.8194	-0.0287	6.9623	1.1108
70	148	Stage:DL-C: DL-C: Step 2	-91.5858	-0.4408	0.8194	0.0287	-4.3406	0.8080
72	147	Stage:DL-C: DL-C: Step 2	-53.6045	1.4227	-1.0815	0.3897	-0.2206	1.0764
72	150	Stage:DL-C: DL-C: Step 2	53.6045	0.8960	1.0815	-0.3897	3.8015	-0.2531
73	148	Stage:DL-C: DL-C: Step 2	85.1818	0.5991	-2.3006	-0.2321	4.3810	0.8605
73	151	Stage:DL-C: DL-C: Step 2	-85.1819	-0.2533	2.3006	0.2321	2.8111	0.4619
75	150	Stage:DL-C: DL-C: Step 2	-33.6655	1.3691	1.8624	-0.1568	-2.9328	0.9112
75	153	Stage:DL-C: DL-C: Step 2	33.6655	0.9495	-1.8624	0.1568	-2.5696	-0.2553
76	151	Stage:DL-C: DL-C: Step 2	41.1360	0.5116	0.8051	0.3213	-3.2202	0.8041
76	154	Stage:DL-C: DL-C: Step 2	-41.1360	-0.1659	-0.8051	-0.3213	0.3907	0.4650
78	153	Stage:DL-C: DL-C: Step 2	-18.8397	1.4110	-0.0894	0.0863	2.8695	1.0005
78	156	Stage:DL-C: DL-C: Step 2	18.8397	0.9077	0.0894	-0.0863	-2.5887	-0.2137
79	154	Stage:DL-C: DL-C: Step 2	22.7355	0.5447	0.2503	0.1537	-0.4007	0.8953
79	157	Stage:DL-C: DL-C: Step 2	-22.7355	-0.1988	-0.2503	-0.1537	-0.3817	0.4670
81	156	Stage:DL-C: DL-C: Step 2	-9.1297	1.3682	-1.3918	0.2355	2.3574	0.9495
81	159	Stage:DL-C: DL-C: Step 2	9.1297	0.9495	1.3918	-0.2355	1.7929	-0.2934
82	157	Stage:DL-C: DL-C: Step 2	5.7911	0.4676	-0.0826	0.0141	0.4141	0.5960
82	160	Stage:DL-C: DL-C: Step 2	-5.7911	-0.1419	0.0826	-0.0141	-0.1560	0.3859
84	159	Stage:DL-C: DL-C: Step 2	4.7103	1.2998	-0.1409	0.0836	-1.8171	0.8200
84	162	Stage:DL-C: DL-C: Step 2	-4.7103	1.0319	0.1409	-0.0836	2.2575	-0.4265
85	160	Stage:DL-C: DL-C: Step 2	-7.9011	0.4022	-0.0555	-0.0004	0.1822	0.4736

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
85	163	Stage:DL-C: DL-C: Step 2	7.9011	-0.0568	0.0556	0.0004	-0.0086	0.2433
87	162	Stage:DL-C: DL-C: Step 2	14.4790	1.2631	0.9639	0.0374	-1.8183	0.7523
87	165	Stage:DL-C: DL-C: Step 2	-14.4790	1.0556	-0.9639	-0.0374	-1.1836	-0.4280
88	163	Stage:DL-C: DL-C: Step 2	-20.3125	0.3730	-0.7186	0.1478	-0.1365	0.3812
88	166	Stage:DL-C: DL-C: Step 2	20.3125	-0.0276	0.7186	-0.1478	2.3666	0.2454
90	165	Stage:DL-C: DL-C: Step 2	22.0379	1.2667	0.0861	0.0449	1.1693	0.7734
90	168	Stage:DL-C: DL-C: Step 2	-22.0379	1.0519	-0.0861	-0.0449	-1.4583	-0.4378
91	166	Stage:DL-C: DL-C: Step 2	-30.5769	0.3654	-0.2731	0.1236	-0.3623	0.3609
91	169	Stage:DL-C: DL-C: Step 2	30.5769	-0.0196	0.2731	-0.1236	3.2181	0.2078
93	168	Stage:DL-C: DL-C: Step 2	28.2168	1.2411	-0.2108	0.0446	1.4523	0.7303
93	171	Stage:DL-C: DL-C: Step 2	-28.2168	1.0775	0.2108	-0.0446	-0.7936	-0.4746
94	169	Stage:DL-C: DL-C: Step 2	-36.6294	0.3073	0.3305	0.0939	-3.2099	0.2961
94	172	Stage:DL-C: DL-C: Step 2	36.6294	0.0284	-0.3305	-0.0939	2.1788	0.1241
96	171	Stage:DL-C: DL-C: Step 2	32.5285	1.2178	-1.3098	0.0539	0.7859	0.6934
96	174	Stage:DL-C: DL-C: Step 2	-32.5285	1.1010	1.3098	-0.0539	3.4027	-0.0112
97	172	Stage:DL-C: DL-C: Step 2	-44.1188	0.2618	1.0836	0.3888	-2.1685	0.2203
97	175	Stage:DL-C: DL-C: Step 2	44.1188	0.0841	-1.0836	-0.0888	-1.1262	0.0571
99	174	Stage:DL-C: DL-C: Step 2	36.9828	1.2192	1.5987	0.0240	-3.1827	0.6863
99	177	Stage:DL-C: DL-C: Step 2	-36.9828	1.0994	-1.5987	-0.0240	-1.8152	-0.4060
100	175	Stage:DL-C: DL-C: Step 2	-49.9629	0.2787	-1.5279	0.1157	1.0895	0.2349
100	178	Stage:DL-C: DL-C: Step 2	49.9629	0.0670	1.5279	-0.1157	3.7161	0.1060
102	177	Stage:DL-C: DL-C: Step 2	41.0540	1.2099	0.3897	0.0284	1.6137	0.6803
102	180	Stage:DL-C: DL-C: Step 2	-41.0540	1.1087	-0.3897	-0.0284	-3.0321	-0.5221
103	178	Stage:DL-C: DL-C: Step 2	55.3545	0.2662	-0.6130	0.0811	-3.7100	0.2262
103	181	Stage:DL-C: DL-C: Step 2	55.3545	0.0795	0.6130	-0.0811	5.9314	0.0837
105	180	Stage:DL-C: DL-C: Step 2	43.5447	1.1839	-0.2561	0.0206	3.0291	0.6361
105	183	Stage:DL-C: DL-C: Step 2	-43.5447	1.1348	0.2561	-0.0206	-2.2265	-0.5814
106	181	Stage:DL-C: DL-C: Step 2	-56.5261	0.2081	0.3746	0.0373	-5.4262	0.1344
106	184	Stage:DL-C: DL-C: Step 2	56.5261	0.1377	-0.3746	-0.0373	4.4566	-0.0243
108	183	Stage:DL-C: DL-C: Step 2	44.2187	1.1681	-1.5762	0.0234	2.2238	0.6091
108	186	Stage:DL-C: DL-C: Step 2	-44.2187	1.1508	1.5762	-0.0234	2.7037	-0.5817
109	184	Stage:DL-C: DL-C: Step 2	-59.2397	0.1749	1.3661	0.0009	-4.4511	0.0708
109	187	Stage:DL-C: DL-C: Step 2	59.2397	0.1711	-1.3661	-0.0009	5.0804	-0.0853
111	186	Stage:DL-C: DL-C: Step 2	44.9534	1.1740	1.2587	-0.0103	-2.8456	0.6164

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
111	188	Stage DL-C: DL-C: Step 2	-44.9534	1.1447	-1.2587	0.0103	-1.2662	-0.5706
112	187	Stage DL-C: DL-C: Step 2	-60.2743	0.1981	-1.0533	0.0292	-0.1079	0.1003
112	190	Stage DL-C: DL-C: Step 2	60.2743	0.1478	1.0532	-0.0292	3.4004	-0.0213
114	189	Stage DL-C: DL-C: Step 2	45.8060	1.1598	0.0036	0.0000	1.2808	0.6010
114	192	Stage DL-C: DL-C: Step 2	-45.8060	1.1598	-0.0036	0.0000	-1.3025	-0.5865
115	190	Stage DL-C: DL-C: Step 2	-61.2573	0.1730	0.0052	0.0000	-3.4025	0.0811
115	193	Stage DL-C: DL-C: Step 2	61.2573	0.1739	-0.0052	0.0000	3.3861	-0.0827
117	192	Stage DL-C: DL-C: Step 2	45.1757	1.1541	-1.2512	0.0103	1.3010	0.5809
117	195	Stage DL-C: DL-C: Step 2	-45.1757	1.1645	1.2512	-0.0103	2.8105	-0.5971
118	193	Stage DL-C: DL-C: Step 2	-60.0494	0.1336	1.0837	-0.0292	-3.3640	0.0070
118	196	Stage DL-C: DL-C: Step 2	60.0494	0.2121	-1.0837	0.0292	0.0596	-0.1287
120	195	Stage DL-C: DL-C: Step 2	44.0062	1.1801	1.5818	-0.0234	-2.7351	0.6011
120	198	Stage DL-C: DL-C: Step 2	-44.0062	1.1586	-1.5818	0.0234	-2.2098	-0.5987
121	196	Stage DL-C: DL-C: Step 2	-59.4549	0.1571	-1.3907	-0.0009	-0.1238	0.0057
121	199	Stage DL-C: DL-C: Step 2	59.4549	0.1887	1.3907	0.0009	4.4714	-0.0851
123	198	Stage DL-C: DL-C: Step 2	43.5481	1.1352	0.2612	-0.0206	2.2145	0.5624
123	201	Stage DL-C: DL-C: Step 2	-43.5481	1.1834	-0.2612	0.0206	-3.0312	-0.6377
124	199	Stage DL-C: DL-C: Step 2	-58.5149	0.1379	-0.3676	-0.0374	-4.4766	0.0247
124	202	Stage DL-C: DL-C: Step 2	58.5149	0.2079	0.3676	0.0374	5.8262	-0.1342
126	201	Stage DL-C: DL-C: Step 2	41.0873	1.1092	-0.3851	-0.0283	3.0342	0.5225
126	204	Stage DL-C: DL-C: Step 2	-41.0873	1.2094	0.3851	0.0283	-1.8309	-0.6782
127	202	Stage DL-C: DL-C: Step 2	-55.3499	0.0797	0.6199	-0.0811	-6.4293	-0.0635
127	205	Stage DL-C: DL-C: Step 2	55.3499	0.2991	-0.6199	0.0811	3.8914	-0.2379
129	204	Stage DL-C: DL-C: Step 2	37.0905	1.1089	-1.5844	-0.0340	1.8320	0.5094
129	207	Stage DL-C: DL-C: Step 2	-37.0905	1.2097	1.5844	0.0340	3.1525	-0.6689
130	205	Stage DL-C: DL-C: Step 2	-49.7324	0.0530	1.5343	-0.1157	-3.6925	-0.1203
130	208	Stage DL-C: DL-C: Step 2	49.7324	0.2927	-1.5343	0.1157	-1.1042	-0.2543
132	207	Stage DL-C: DL-C: Step 2	32.3209	1.1106	1.3462	-0.0539	-3.4388	0.5305
132	210	Stage DL-C: DL-C: Step 2	-32.3209	1.2081	-1.3462	0.0539	-0.7697	-0.6829
133	208	Stage DL-C: DL-C: Step 2	-44.3279	0.0701	-1.0459	-0.0686	1.0784	-0.0865
133	211	Stage DL-C: DL-C: Step 2	44.3279	0.2756	1.0459	0.0686	2.1914	-0.2346
135	210	Stage DL-C: DL-C: Step 2	28.2225	1.0780	0.2165	-0.0446	0.7788	0.4756
135	213	Stage DL-C: DL-C: Step 2	-28.2225	1.2406	-0.2165	0.0446	-1.4536	-0.7299
136	211	Stage DL-C: DL-C: Step 2	-38.6129	0.0586	-0.3230	-0.0659	-2.1996	-0.1234

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
136	214	Stage DL-C: DL-C: Step 2	38.6129	0.3071	0.3230	0.0659	3.3092	-0.2958
138	213	Stage DL-C: DL-C: Step 2	22.0811	1.0524	-0.0813	-0.0446	1.4567	0.4080
138	216	Stage DL-C: DL-C: Step 2	-22.0811	1.2662	0.0813	0.0446	-1.2056	-0.7723
139	214	Stage DL-C: DL-C: Step 2	-30.5868	-0.0195	0.2803	-0.1236	-3.2155	-0.2078
139	217	Stage DL-C: DL-C: Step 2	30.5868	0.3652	-0.2803	0.1236	2.3393	-0.3936
141	216	Stage DL-C: DL-C: Step 2	14.7031	1.0652	-0.9600	-0.0374	1.2101	0.4085
141	219	Stage DL-C: DL-C: Step 2	-14.7031	1.2535	0.9600	0.0374	1.7910	-0.7329
142	217	Stage DL-C: DL-C: Step 2	-20.0752	-0.0416	0.7235	-0.1479	-2.3436	-0.2599
142	220	Stage DL-C: DL-C: Step 2	20.0752	0.3673	-0.7235	0.1479	0.0819	-0.4107
144	219	Stage DL-C: DL-C: Step 2	4.4878	1.0415	0.1501	-0.0836	-2.2964	0.4481
144	222	Stage DL-C: DL-C: Step 2	-4.4878	1.2771	-0.1501	0.0836	1.8270	-0.8143
145	220	Stage DL-C: DL-C: Step 2	-8.0897	-0.0706	0.0836	0.0004	-0.0362	-0.2729
145	223	Stage DL-C: DL-C: Step 2	8.0897	0.4163	-0.0836	-0.0004	-0.1595	-0.4881
147	222	Stage DL-C: DL-C: Step 2	-8.1463	0.9502	1.3655	-0.2355	-1.8029	0.3848
147	225	Stage DL-C: DL-C: Step 2	8.1463	1.3684	-1.3655	0.2355	-2.3597	-0.9488
148	223	Stage DL-C: DL-C: Step 2	5.8231	-0.1417	0.0801	-0.0141	0.1333	-0.3657
148	226	Stage DL-C: DL-C: Step 2	-5.8231	0.4674	-0.0801	0.0141	-0.4150	-0.5978
150	225	Stage DL-C: DL-C: Step 2	-18.9425	0.9085	0.1037	-0.0662	2.5910	0.2147
150	228	Stage DL-C: DL-C: Step 2	18.9425	1.4101	-0.1037	0.0662	-2.8153	-0.9968
151	226	Stage DL-C: DL-C: Step 2	22.7565	-0.1887	-0.2433	-0.1537	0.3625	-0.4467
151	229	Stage DL-C: DL-C: Step 2	-22.7565	0.5444	0.2433	0.1537	0.3790	-0.6949
153	228	Stage DL-C: DL-C: Step 2	-33.4462	0.9594	-1.8579	0.1569	2.9053	0.3984
153	231	Stage DL-C: DL-C: Step 2	33.4462	1.3592	1.8579	-0.1569	2.9027	-0.8913
154	229	Stage DL-C: DL-C: Step 2	41.3635	-0.1799	-0.8998	-0.3214	-0.3682	-0.4883
154	232	Stage DL-C: DL-C: Step 2	-41.3635	0.5256	0.8998	0.3214	3.1772	-0.8335
156	231	Stage DL-C: DL-C: Step 2	-54.0205	0.9080	1.0875	-0.3696	-3.8396	0.2731
156	234	Stage DL-C: DL-C: Step 2	54.0205	1.4127	-1.0875	0.3696	0.2368	-1.0652
157	232	Stage DL-C: DL-C: Step 2	64.9718	-0.2874	2.3090	0.2320	-2.8605	-0.5114
157	235	Stage DL-C: DL-C: Step 2	-64.9718	0.6131	-2.3090	-0.2320	-4.3580	-0.8649
159	234	Stage DL-C: DL-C: Step 2	-74.2562	0.7958	-0.0372	-0.1629	-0.1981	0.0468
159	237	Stage DL-C: DL-C: Step 2	74.2562	1.5231	0.0372	0.1629	0.3143	-1.1836
160	235	Stage DL-C: DL-C: Step 2	91.8240	-0.4408	0.8271	0.0286	4.3176	-0.8077
160	238	Stage DL-C: DL-C: Step 2	-91.8240	0.7866	-0.8271	-0.0286	-6.9033	-1.1107
162	237	Stage DL-C: DL-C: Step 2	-98.0401	0.7043	-0.0560	0.0832	-0.3101	-0.0970

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
162	240	Stage:DL-C: DL-C: Step 2	99.0421	1.6145	0.0560	-0.0832	0.4853	-1.3859
163	238	Stage:DL-C: DL-C: Step 2	121.3088	-0.3783	-1.1885	-0.2352	6.8867	-0.7520
163	241	Stage:DL-C: DL-C: Step 2	-121.3086	0.7340	1.1885	0.2352	-3.1883	-0.8710
165	240	Stage:DL-C: DL-C: Step 2	-124.4207	0.9479	-0.2720	0.2842	-0.5127	0.1688
165	243	Stage:DL-C: DL-C: Step 2	124.4207	1.3711	0.2720	-0.2842	1.3631	-0.9307
166	241	Stage:DL-C: DL-C: Step 2	147.7795	-0.3060	-3.6839	-0.4309	3.2173	-0.6881
168	244	Stage:DL-C: DL-C: Step 2	-147.7795	0.6518	3.6838	0.4309	8.2999	-0.8090
168	243	Stage:DL-C: DL-C: Step 2	-124.1918	1.4296	0.3106	-0.3454	-1.4575	0.9274
168	246	Stage:DL-C: DL-C: Step 2	124.1918	0.8890	-0.3106	0.3434	0.4668	-0.0824
169	244	Stage:DL-C: DL-C: Step 2	146.3279	0.6294	3.7646	0.2550	-6.4694	0.7414
169	247	Stage:DL-C: DL-C: Step 2	-146.3279	-0.2827	-3.7646	-0.2550	-3.2795	0.6827
171	246	Stage:DL-C: DL-C: Step 2	-96.3682	1.6614	0.0227	-0.1435	-0.4514	1.4400
171	249	Stage:DL-C: DL-C: Step 2	96.3682	0.6573	-0.0227	0.1435	0.3809	0.1298
172	247	Stage:DL-C: DL-C: Step 2	119.2003	0.7583	1.2956	0.0653	3.2434	1.0221
172	250	Stage:DL-C: DL-C: Step 2	-119.2003	-0.4105	-1.2956	-0.0653	-7.2936	0.8018
174	249	Stage:DL-C: DL-C: Step 2	-71.4760	1.5719	-0.1360	0.0990	-0.3774	1.2577
174	252	Stage:DL-C: DL-C: Step 2	71.4760	0.7467	0.1360	-0.0990	0.8099	0.0331
175	250	Stage:DL-C: DL-C: Step 2	88.0479	0.8186	-0.6604	-0.1845	7.2604	1.1579
175	253	Stage:DL-C: DL-C: Step 2	-88.0479	-0.4729	0.6604	0.1845	-5.2258	0.8606
177	252	Stage:DL-C: DL-C: Step 2	-49.8330	1.4794	-1.4873	0.3078	-0.8362	1.1383
177	255	Stage:DL-C: DL-C: Step 2	49.8330	0.8422	1.4873	-0.3078	5.4679	-0.1670
178	253	Stage:DL-C: DL-C: Step 2	60.7233	0.5909	-2.0998	-0.3700	5.2561	0.8582
178	256	Stage:DL-C: DL-C: Step 2	-60.7233	-0.2452	2.0998	0.3700	1.1731	0.4467
180	255	Stage:DL-C: DL-C: Step 2	-29.2907	1.4133	2.5001	-0.3411	-4.9688	0.9848
180	258	Stage:DL-C: DL-C: Step 2	29.2907	0.9054	-2.5001	0.3411	-2.8490	-0.1909
181	256	Stage:DL-C: DL-C: Step 2	34.7312	0.4918	0.9833	0.3716	-1.8014	0.5526
181	259	Stage:DL-C: DL-C: Step 2	-34.7312	-0.1459	-0.9833	-0.3716	-1.1288	0.4437
183	258	Stage:DL-C: DL-C: Step 2	-14.1058	1.4264	0.5372	-0.1321	3.8871	1.0328
183	261	Stage:DL-C: DL-C: Step 2	14.1058	0.8902	-0.5372	0.1321	-4.5863	-0.1916
184	259	Stage:DL-C: DL-C: Step 2	19.2836	0.5523	0.3638	0.1448	1.0891	0.7109
184	262	Stage:DL-C: DL-C: Step 2	-19.2836	-0.2065	-0.3638	-0.1448	-2.2264	0.4762
186	261	Stage:DL-C: DL-C: Step 2	-0.4766	1.3884	-0.9664	0.1158	4.3674	0.9656
186	264	Stage:DL-C: DL-C: Step 2	0.4766	0.9303	0.9664	-0.1158	-1.5401	-0.2496
187	262	Stage:DL-C: DL-C: Step 2	-1.0447	0.5024	0.0357	-0.1660	2.3352	0.6151

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
187	265	Stage:DL-C: DL-C: Step 2	1.0447	-0.1566	-0.0357	0.1660	-2.3368	0.4151
189	264	Stage:DL-C: DL-C: Step 2	10.6522	1.3138	-3.4469	0.3455	1.5029	0.8888
189	267	Stage:DL-C: DL-C: Step 2	-10.6522	1.0048	3.4469	-0.3455	8.2791	-0.3858
190	265	Stage:DL-C: DL-C: Step 2	-15.0219	0.3637	0.0364	-0.3947	2.3757	0.4674
190	268	Stage:DL-C: DL-C: Step 2	15.0219	-0.0379	-0.0364	0.3947	-2.4886	0.1916
192	267	Stage:DL-C: DL-C: Step 2	20.9868	1.2834	3.6155	-0.2069	-6.8861	0.7812
192	270	Stage:DL-C: DL-C: Step 2	-20.9868	1.0352	-3.6155	0.2069	-2.3186	-0.3832
193	268	Stage:DL-C: DL-C: Step 2	-28.1729	0.5234	-0.7185	0.2188	2.1290	0.2877
193	271	Stage:DL-C: DL-C: Step 2	28.1729	0.0223	0.7185	-0.2188	0.1139	0.1830
195	270	Stage:DL-C: DL-C: Step 2	28.6229	1.2999	0.5507	0.0194	2.3349	0.8151
195	273	Stage:DL-C: DL-C: Step 2	-28.6229	1.0188	-0.5507	-0.0194	-4.0066	-0.3757
196	271	Stage:DL-C: DL-C: Step 2	-36.9607	0.3503	-0.2547	0.0488	-0.1287	0.3659
196	274	Stage:DL-C: DL-C: Step 2	36.9607	-0.0049	0.2547	-0.0488	0.9290	0.1887
198	273	Stage:DL-C: DL-C: Step 2	33.7928	1.2701	-1.6295	0.1827	4.0319	0.7822
198	276	Stage:DL-C: DL-C: Step 2	-33.7928	1.0486	1.6295	-0.1827	1.0821	-0.4360
199	274	Stage:DL-C: DL-C: Step 2	-44.2538	0.2897	0.3691	-0.0974	-0.9005	0.2724
199	277	Stage:DL-C: DL-C: Step 2	44.2538	0.0661	-0.3691	0.0974	-0.2231	0.0927
201	276	Stage:DL-C: DL-C: Step 2	36.0950	1.2213	-0.9650	0.0436	-1.0820	0.7025
201	279	Stage:DL-C: DL-C: Step 2	-36.0950	1.0874	0.9650	-0.0436	4.0674	-0.5068
202	277	Stage:DL-C: DL-C: Step 2	-48.1302	0.2144	1.1705	-0.1168	0.2441	0.1561
202	280	Stage:DL-C: DL-C: Step 2	48.1302	0.1313	-1.1705	0.1168	-3.9033	-0.0262
204	279	Stage:DL-C: DL-C: Step 2	37.2752	1.1858	1.6152	-0.0001	-4.0147	0.6578
204	282	Stage:DL-C: DL-C: Step 2	-37.2752	1.1228	-1.6152	0.0001	-1.0348	-0.5457
205	280	Stage:DL-C: DL-C: Step 2	51.4261	0.2003	-1.3994	0.0601	5.7642	0.1315
205	283	Stage:DL-C: DL-C: Step 2	51.4261	0.1454	1.3994	-0.0601	0.6108	-0.0157
207	282	Stage:DL-C: DL-C: Step 2	38.6850	1.1706	0.2901	0.0113	1.0353	0.6182
207	285	Stage:DL-C: DL-C: Step 2	-38.6850	1.1480	-0.2901	-0.0113	-1.9422	-0.5639
208	283	Stage:DL-C: DL-C: Step 2	-52.9782	0.1909	-0.4853	0.0405	-0.6118	0.1107
208	286	Stage:DL-C: DL-C: Step 2	52.9782	0.1548	0.4853	-0.0405	2.1290	-0.0543
210	285	Stage:DL-C: DL-C: Step 2	38.3770	1.1430	-0.2821	0.0132	1.9407	0.5791
210	288	Stage:DL-C: DL-C: Step 2	-38.3770	1.1756	0.2821	-0.0132	-1.0588	-0.6271
211	286	Stage:DL-C: DL-C: Step 2	-52.4749	0.1348	0.4391	0.0146	-0.1273	0.0225
211	289	Stage:DL-C: DL-C: Step 2	52.4749	0.2111	-0.4391	-0.0146	0.7545	-0.1422
213	288	Stage:DL-C: DL-C: Step 2	36.7959	1.1499	-1.4893	0.0251	1.0551	0.5791

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
213	291	Stage DL-C: DL-C: Step 2	-36.7958	1.1668	1.4863	-0.0251	5.5915	-0.5987
214	288	Stage DL-C: DL-C: Step 2	-49.8622	0.1108	1.3356	-0.0051	-0.7500	-0.0314
214	292	Stage DL-C: DL-C: Step 2	49.8622	0.2351	-1.3356	0.0051	-3.4255	-0.1833
215	291	Stage DL-C: DL-C: Step 2	34.3717	1.1118	1.3611	0.0019	-3.8113	0.5525
216	294	Stage DL-C: DL-C: Step 2	-34.3717	1.2068	-1.3611	-0.0019	-0.7062	-0.7012
217	292	Stage DL-C: DL-C: Step 2	-41.8890	-0.2744	-1.1671	0.0409	3.3544	-0.4165
217	295	Stage DL-C: DL-C: Step 2	41.8890	0.6202	1.1671	-0.0409	0.2942	-0.9819
218	294	Stage DL-C: DL-C: Step 2	28.2507	1.0628	0.2898	0.0125	0.7071	0.4394
218	297	Stage DL-C: DL-C: Step 2	-28.2507	1.2558	-0.2898	-0.0125	-1.6443	-0.7412
220	295	Stage DL-C: DL-C: Step 2	-44.2218	3.8825	-0.4029	0.0299	-0.2957	1.1700
220	298	Stage DL-C: DL-C: Step 2	44.2218	4.7468	0.4029	-0.0298	1.5852	-2.8336
222	297	Stage DL-C: DL-C: Step 2	21.4812	0.9565	-0.0808	0.0110	1.8432	0.3372
223	300	Stage DL-C: DL-C: Step 2	-21.4812	1.3601	0.0658	-0.0110	-1.4376	-0.9649
223	298	Stage DL-C: DL-C: Step 2	-28.2135	3.9633	0.2206	0.0237	-1.3540	1.8223
225	301	Stage DL-C: DL-C: Step 2	28.2135	4.4691	-0.2206	-0.0237	0.8643	-2.6082
225	300	Stage DL-C: DL-C: Step 2	7.4053	1.0341	-0.6001	0.0188	1.4327	0.3008
225	303	Stage DL-C: DL-C: Step 2	-7.4053	1.2846	0.6001	-0.0188	0.4434	-0.7223
226	301	Stage DL-C: DL-C: Step 2	-17.2047	4.1718	0.5912	0.0244	-0.8568	1.6237
226	304	Stage DL-C: DL-C: Step 2	17.2047	4.2575	-0.5912	-0.0244	-0.9693	-2.0577
228	306	Stage DL-C: DL-C: Step 2	6.1793	0.0739	0.2558	0.0113	-0.4695	-0.0185
228	79	Stage DL-C: DL-C: Step 2	-6.3867	0.1221	-0.2558	-0.0113	-1.3867	-0.1586
229	307	Stage DL-C: DL-C: Step 2	6.9029	0.1204	-0.2186	-0.0036	0.3609	0.2378
229	78	Stage DL-C: DL-C: Step 2	-6.7154	0.0756	0.2186	0.0036	0.8273	-0.0747
230	306	Stage DL-C: DL-C: Step 2	-4.9132	-0.1559	0.0000	0.0000	0.0000	-0.1567
230	78	Stage DL-C: DL-C: Step 2	4.9132	-0.2366	0.0000	0.0000	0.0000	0.3685
231	307	Stage DL-C: DL-C: Step 2	-5.0477	0.2788	0.0000	0.0000	0.0000	0.3696
231	79	Stage DL-C: DL-C: Step 2	5.0477	0.1136	0.0000	0.0000	0.0000	0.1641
233	306	Stage DL-C: DL-C: Step 2	7.7137	1.3180	0.3655	0.0041	0.2855	0.7780
233	309	Stage DL-C: DL-C: Step 2	-7.7137	1.0580	-0.3655	-0.0041	-1.4062	-0.3618
234	307	Stage DL-C: DL-C: Step 2	-15.6151	4.3999	-0.4801	-0.0377	-0.0629	2.2727
234	310	Stage DL-C: DL-C: Step 2	15.6151	4.2379	0.4801	0.0377	1.8009	-2.0132
236	309	Stage DL-C: DL-C: Step 2	20.3533	1.3648	0.1185	-0.0067	1.4393	0.9603
236	312	Stage DL-C: DL-C: Step 2	-20.3533	1.0112	-0.1185	0.0067	-1.8190	-0.3940
237	310	Stage DL-C: DL-C: Step 2	-26.6825	4.5504	-0.1156	-0.0278	-1.6038	2.7010

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
237	313	Stage DL-C: DL-C: Step 2	26.6825	4.0873	0.1156	0.0278	1.9742	-1.9592
238	312	Stage DL-C: DL-C: Step 2	27.6744	1.2798	-0.4605	-0.0178	1.8188	0.7634
238	315	Stage DL-C: DL-C: Step 2	-27.6744	1.0893	0.4605	0.0178	-0.3447	-0.4794
240	313	Stage DL-C: DL-C: Step 2	-42.0497	4.8414	0.4794	-0.0215	-1.9752	2.9328
240	316	Stage DL-C: DL-C: Step 2	42.0497	3.7954	-0.4794	0.0215	0.4394	-1.2590
242	315	Stage DL-C: DL-C: Step 2	33.5579	1.2373	-0.8659	-0.0219	0.3455	0.7320
242	318	Stage DL-C: DL-C: Step 2	-33.5579	1.1387	0.8659	0.0219	2.9455	-0.5741
243	316	Stage DL-C: DL-C: Step 2	-38.5457	0.8124	1.2030	-0.0251	-0.4401	1.0073
243	319	Stage DL-C: DL-C: Step 2	38.5457	-0.2581	-1.2030	0.0231	-3.4139	0.3872
244	318	Stage DL-C: DL-C: Step 2	-5.0464	0.1175	-0.0029	0.0032	-0.0070	0.1637
244	91	Stage DL-C: DL-C: Step 2	4.8590	0.0785	0.0029	-0.0032	0.0291	-0.0217
245	319	Stage DL-C: DL-C: Step 2	5.0666	0.0644	-0.0188	0.0032	0.0758	0.0092
245	90	Stage DL-C: DL-C: Step 2	-5.8811	0.1318	0.0188	-0.0032	0.0605	-0.2535
246	318	Stage DL-C: DL-C: Step 2	1.8129	-0.2181	0.0000	0.0000	0.0000	-0.3021
246	90	Stage DL-C: DL-C: Step 2	-1.8129	-0.1743	0.0000	0.0000	0.0000	0.1671
247	319	Stage DL-C: DL-C: Step 2	0.3252	0.3298	0.0000	0.0000	0.0000	0.4122
247	91	Stage DL-C: DL-C: Step 2	-0.3252	0.0626	0.0000	0.0000	0.0000	0.2679
249	318	Stage DL-C: DL-C: Step 2	34.6305	1.1918	1.0264	-0.0070	-2.8370	0.6283
249	321	Stage DL-C: DL-C: Step 2	-34.6305	1.1843	-1.0264	0.0070	-0.4510	-0.6189
250	319	Stage DL-C: DL-C: Step 2	-45.8648	0.1839	-1.2107	-0.0132	3.2993	0.0808
250	322	Stage DL-C: DL-C: Step 2	45.8648	0.1704	1.2107	0.0132	0.5792	-0.0593
252	321	Stage DL-C: DL-C: Step 2	34.8523	1.1887	0.3745	-0.0085	0.4629	0.6312
252	324	Stage DL-C: DL-C: Step 2	-34.8523	1.1892	-0.3745	0.0085	-1.8526	-0.6062
253	322	Stage DL-C: DL-C: Step 2	-46.2363	0.1752	-0.4024	-0.0216	-0.5814	0.0813
253	325	Stage DL-C: DL-C: Step 2	46.2363	0.1791	0.4024	0.0216	1.8728	-0.0876
255	324	Stage DL-C: DL-C: Step 2	34.1344	1.1617	-0.3331	-0.0135	1.6541	0.5807
255	327	Stage DL-C: DL-C: Step 2	-34.1344	1.2143	0.3331	0.0135	-0.5871	-0.6751
256	325	Stage DL-C: DL-C: Step 2	-45.1959	0.1374	0.3999	-0.0321	-1.8720	0.0225
256	328	Stage DL-C: DL-C: Step 2	45.1959	0.2169	-0.3999	0.0321	0.5910	-0.1496
258	327	Stage DL-C: DL-C: Step 2	32.6511	1.1589	-0.8467	-0.0128	0.5875	0.5752
258	330	Stage DL-C: DL-C: Step 2	-32.6511	1.2171	0.8467	0.0128	2.1250	-0.6883
259	328	Stage DL-C: DL-C: Step 2	-42.7538	0.1334	1.1719	-0.0363	-0.5913	-0.0013
259	331	Stage DL-C: DL-C: Step 2	42.7538	0.2208	-1.1719	0.0363	-3.1630	-0.1388
260	330	Stage DL-C: DL-C: Step 2	-4.4295	0.1396	0.0259	0.0030	-0.1276	0.2543

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
260	103	Stage:DL-C: DL-C: Step 2	4.2411	0.0564	-0.0259	-0.0030	-0.0809	0.0479
261	331	Stage:DL-C: DL-C: Step 2	4.8628	0.0651	-0.0435	0.0036	0.1530	0.0005
261	102	Stage:DL-C: DL-C: Step 2	-4.7754	0.1409	0.0435	-0.0036	0.1629	-0.3123
262	330	Stage:DL-C: DL-C: Step 2	3.1123	-0.2031	0.0000	0.0000	0.0000	-0.8564
262	102	Stage:DL-C: DL-C: Step 2	-3.1123	-0.1563	0.0000	0.0000	0.0000	0.3222
263	331	Stage:DL-C: DL-C: Step 2	-0.3263	0.3618	0.0000	0.0000	0.0000	0.4669
263	103	Stage:DL-C: DL-C: Step 2	0.3263	0.0306	0.0000	0.0000	0.0000	0.3684
265	330	Stage:DL-C: DL-C: Step 2	28.6062	1.1279	0.6057	-0.0070	-2.1145	0.5518
265	333	Stage:DL-C: DL-C: Step 2	-28.6062	1.2483	-0.6057	0.0070	0.0791	-0.7482
266	331	Stage:DL-C: DL-C: Step 2	-37.3519	0.0822	-0.8578	-0.0086	3.1023	-0.2435
266	334	Stage:DL-C: DL-C: Step 2	37.3519	0.2721	0.8578	0.0086	-0.3546	-0.2806
268	333	Stage:DL-C: DL-C: Step 2	24.1810	1.0667	0.2313	-0.0272	-0.0746	0.4455
268	336	Stage:DL-C: DL-C: Step 2	-24.1810	1.3093	-0.2313	0.0272	-0.9662	-0.8340
269	334	Stage:DL-C: DL-C: Step 2	-30.2757	0.0051	-0.2609	-0.0068	0.3514	-0.1838
269	337	Stage:DL-C: DL-C: Step 2	30.2757	0.3482	0.2609	0.0068	0.4643	-0.3673
271	336	Stage:DL-C: DL-C: Step 2	16.8622	1.0354	-0.0734	-0.0069	0.6697	0.3910
271	339	Stage:DL-C: DL-C: Step 2	-16.8622	1.3406	0.0734	0.0069	-0.4344	-0.8789
272	337	Stage:DL-C: DL-C: Step 2	-20.3345	-0.0473	0.1724	-0.0197	-0.4881	-0.2586
272	340	Stage:DL-C: DL-C: Step 2	20.3345	0.4215	-0.1724	0.0197	-0.0841	-0.4602
274	339	Stage:DL-C: DL-C: Step 2	8.0404	1.0704	-0.1678	0.0107	0.4334	0.4190
274	342	Stage:DL-C: DL-C: Step 2	-8.0404	1.3056	0.1678	-0.0107	0.1043	-0.7958
275	340	Stage:DL-C: DL-C: Step 2	-9.3892	0.0095	0.4191	-0.0338	0.0658	-0.2240
275	343	Stage:DL-C: DL-C: Step 2	9.3892	0.3448	-0.4191	0.0338	-1.4082	-0.3132
276	342	Stage:DL-C: DL-C: Step 2	-0.0176	0.1615	0.1290	0.0007	-0.5545	0.2658
276	115	Stage:DL-C: DL-C: Step 2	-0.1898	0.0344	-0.1290	-0.0007	-0.3822	0.1959
277	343	Stage:DL-C: DL-C: Step 2	1.1368	-0.0256	-0.1220	0.0025	0.3646	-0.1828
277	114	Stage:DL-C: DL-C: Step 2	-0.9495	0.2215	0.1220	-0.0025	0.3215	-0.7146
278	342	Stage:DL-C: DL-C: Step 2	5.0532	0.2710	0.0000	0.0000	0.0000	0.6520
278	114	Stage:DL-C: DL-C: Step 2	-5.0532	-0.6635	0.0000	0.0000	0.0000	1.8007
279	343	Stage:DL-C: DL-C: Step 2	-1.1955	0.4457	0.0000	0.0000	0.0000	0.5992
279	115	Stage:DL-C: DL-C: Step 2	1.1955	-0.0533	0.0000	0.0000	0.0000	0.7106
281	342	Stage:DL-C: DL-C: Step 2	-5.1122	1.0244	-0.4609	-0.0235	0.0542	0.4208
281	345	Stage:DL-C: DL-C: Step 2	5.1122	1.3615	0.4609	0.0235	1.4231	-0.9448
282	343	Stage:DL-C: DL-C: Step 2	6.4540	-0.0549	0.3381	0.0149	1.3604	-0.2034

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
282	346	Stage:DL-C: DL-C: Step 2	-6.4540	0.4091	-0.3381	-0.0149	-2.4436	-0.5366
284	345	Stage:DL-C: DL-C: Step 2	-17.8588	0.9267	-0.1188	-0.0100	-1.4209	0.2213
284	348	Stage:DL-C: DL-C: Step 2	17.8588	1.4493	0.1188	0.0100	1.8014	-1.0583
285	346	Stage:DL-C: DL-C: Step 2	22.9349	-0.1960	0.0897	0.0150	2.4421	-0.4934
285	348	Stage:DL-C: DL-C: Step 2	-22.9349	0.5503	-0.0897	-0.0150	-2.7295	-0.7021
287	348	Stage:DL-C: DL-C: Step 2	-33.2732	0.9131	0.8488	0.0144	-1.8009	0.2045
287	351	Stage:DL-C: DL-C: Step 2	33.2732	1.4628	-0.8488	-0.0144	-0.2788	-1.0850
288	349	Stage:DL-C: DL-C: Step 2	42.8508	-0.2419	-0.4808	0.0068	2.7290	-0.5400
288	352	Stage:DL-C: DL-C: Step 2	-42.8508	0.5942	0.4808	-0.0068	-1.1883	-0.8026
290	351	Stage:DL-C: DL-C: Step 2	-48.1183	0.8911	1.7337	0.0340	0.2741	0.2818
290	354	Stage:DL-C: DL-C: Step 2	48.1183	1.3648	-1.7337	-0.0340	-5.8279	-0.9125
291	352	Stage:DL-C: DL-C: Step 2	62.8356	-0.1281	-1.4043	0.0032	1.7912	-0.4485
291	355	Stage:DL-C: DL-C: Step 2	-62.8356	0.4804	1.4043	-0.0032	3.3074	-0.5231
292	354	Stage:DL-C: DL-C: Step 2	5.4267	0.1666	0.2511	-0.0027	-1.0234	0.2871
292	127	Stage:DL-C: DL-C: Step 2	-5.6141	0.0292	-0.2511	0.0027	-0.8008	0.2126
293	355	Stage:DL-C: DL-C: Step 2	-3.5431	-0.0316	-0.1942	0.0029	0.6091	-0.1760
293	128	Stage:DL-C: DL-C: Step 2	3.7305	0.2276	0.1942	-0.0029	0.8047	-0.7653
294	354	Stage:DL-C: DL-C: Step 2	3.7945	0.4107	0.0000	0.0000	0.0000	0.9460
294	126	Stage:DL-C: DL-C: Step 2	-3.7943	-0.8032	0.0000	0.0000	0.0000	2.3361
295	355	Stage:DL-C: DL-C: Step 2	-0.1834	0.3670	0.0000	0.0000	0.0000	0.4803
295	127	Stage:DL-C: DL-C: Step 2	0.1834	0.0055	0.0000	0.0000	0.0000	0.5409
297	354	Stage:DL-C: DL-C: Step 2	-71.4903	0.9319	-2.8287	-0.0165	6.3501	0.3143
297	357	Stage:DL-C: DL-C: Step 2	71.4903	1.4441	2.8287	0.0165	3.1018	-1.1347
298	355	Stage:DL-C: DL-C: Step 2	89.4074	-0.1963	2.8648	0.0141	-3.3299	-0.3597
298	358	Stage:DL-C: DL-C: Step 2	-89.4074	0.5926	-2.8648	-0.0141	-6.2078	-0.8364
300	357	Stage:DL-C: DL-C: Step 2	-91.8851	0.7982	-1.1136	0.0068	-3.1058	0.0207
300	360	Stage:DL-C: DL-C: Step 2	91.8851	1.5788	1.1136	-0.0068	6.8734	-1.2759
301	358	Stage:DL-C: DL-C: Step 2	115.9543	-0.4321	0.9071	0.0370	5.2124	-0.8259
301	361	Stage:DL-C: DL-C: Step 2	-115.9543	0.7864	-0.9071	-0.0370	-8.1181	-1.1260
303	360	Stage:DL-C: DL-C: Step 2	-115.9578	0.7499	1.1912	0.0363	-6.8784	-0.0287
303	363	Stage:DL-C: DL-C: Step 2	115.9578	1.6291	-1.1912	-0.0363	2.8603	-1.3673
304	361	Stage:DL-C: DL-C: Step 2	146.2305	-0.3937	-1.3439	0.0725	8.1214	-0.7789
304	364	Stage:DL-C: DL-C: Step 2	-146.2305	0.7479	1.3439	-0.0725	-3.8180	-1.0499
306	363	Stage:DL-C: DL-C: Step 2	-141.9535	0.9648	4.0391	0.0557	-2.8623	0.1908

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
306	366	Stage DL-C: DL-C: Step 2	141.8535	1.4111	-4.0391	-0.0557	-10.0768	-0.9054
307	364	Stage DL-C: DL-C: Step 2	173.0222	-0.2453	-4.1370	0.0621	3.6176	-0.6348
307	367	Stage DL-C: DL-C: Step 2	-173.0222	0.5998	4.1370	-0.0621	9.4052	-0.7184
308	366	Stage DL-C: DL-C: Step 2	23.9381	0.0825	0.0308	-0.0103	-0.1033	-0.0409
308	138	Stage DL-C: DL-C: Step 2	-24.1135	0.1137	-0.0308	0.0103	-0.1206	-0.0734
309	367	Stage DL-C: DL-C: Step 2	8.8714	0.0415	0.0283	-0.0093	-0.1493	0.1399
309	138	Stage DL-C: DL-C: Step 2	-8.7840	0.1340	-0.0283	0.0093	-0.0562	-0.5467
310	366	Stage DL-C: DL-C: Step 2	-9.2506	0.5247	0.0000	0.0000	0.0000	1.1214
310	138	Stage DL-C: DL-C: Step 2	9.2506	-0.9171	0.0000	0.0000	0.0000	2.8830
311	367	Stage DL-C: DL-C: Step 2	-6.9014	0.3019	0.0000	0.0000	0.0000	0.1888
311	139	Stage DL-C: DL-C: Step 2	6.9014	0.0906	0.0000	0.0000	0.0000	0.3661
313	366	Stage DL-C: DL-C: Step 2	-140.4303	1.4026	-4.0227	0.0078	10.2666	0.9330
313	369	Stage DL-C: DL-C: Step 2	140.4303	0.9434	4.0227	-0.0078	2.8002	-0.1499
314	367	Stage DL-C: DL-C: Step 2	171.8607	0.8470	5.9530	0.0662	-6.2139	0.7997
314	370	Stage DL-C: DL-C: Step 2	-171.8607	-0.2927	-5.9530	-0.0662	-3.4495	0.7155
316	369	Stage DL-C: DL-C: Step 2	-112.7388	1.8826	-1.1853	0.0318	-2.6088	1.4402
316	372	Stage DL-C: DL-C: Step 2	112.7388	0.7133	1.1853	-0.0318	6.4040	0.0804
317	370	Stage DL-C: DL-C: Step 2	142.1927	0.8019	1.2048	0.0821	3.4570	1.1352
317	373	Stage DL-C: DL-C: Step 2	-142.1927	-0.4478	-1.2048	-0.0821	-7.3188	0.8661
319	372	Stage DL-C: DL-C: Step 2	-86.8288	1.8132	1.0198	0.0571	-6.4103	1.3357
319	375	Stage DL-C: DL-C: Step 2	86.8288	0.7628	-1.0198	-0.0571	3.1433	0.0335
320	373	Stage DL-C: DL-C: Step 2	109.1684	0.8406	-0.9530	0.1157	7.3233	1.2091
320	376	Stage DL-C: DL-C: Step 2	-109.1684	-0.4863	0.9530	-0.1157	-4.2703	0.8163
323	375	Stage DL-C: DL-C: Step 2	-84.0842	1.4673	2.8413	0.0730	-5.1478	1.1758
322	376	Stage DL-C: DL-C: Step 2	84.0842	0.9067	-2.8413	-0.0730	-5.3134	-0.2808
323	376	Stage DL-C: DL-C: Step 2	79.9707	0.5949	-2.5696	0.1397	4.2746	0.0096
323	379	Stage DL-C: DL-C: Step 2	-79.9707	-0.2406	2.5696	-0.1397	3.9537	0.4267
324	376	Stage DL-C: DL-C: Step 2	4.1484	0.1521	-0.2053	-0.0162	0.8817	0.2574
324	151	Stage DL-C: DL-C: Step 2	-4.3359	0.0439	0.2053	0.0162	0.5094	0.1352
325	376	Stage DL-C: DL-C: Step 2	-2.3957	-0.0241	0.2557	-0.0181	-0.8957	-0.1537
325	150	Stage DL-C: DL-C: Step 2	2.5741	0.2201	-0.2557	0.0181	-0.9619	-0.7329
326	376	Stage DL-C: DL-C: Step 2	2.1140	0.2648	0.0000	0.0000	0.0000	0.8127
326	150	Stage DL-C: DL-C: Step 2	-2.1140	-0.7472	0.0000	0.0000	0.0000	2.0798
327	379	Stage DL-C: DL-C: Step 2	1.0474	0.3498	0.0000	0.0000	0.0000	0.4257

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
327	151	Stage DL-C: DL-C: Step 2	-1.0474	0.0428	0.0000	0.0000	0.0000	0.3795
328	378	Stage DL-C: DL-C: Step 2	-39.1709	1.4129	-1.3318	0.0284	5.1902	0.9479
329	381	Stage DL-C: DL-C: Step 2	39.1799	0.9830	1.3318	-0.0284	-0.9238	-0.2272
330	379	Stage DL-C: DL-C: Step 2	50.2629	0.5299	0.9416	0.1352	-5.5305	0.5899
330	382	Stage DL-C: DL-C: Step 2	-50.2629	-0.1796	-0.9416	-0.1352	0.8142	0.5403
332	381	Stage DL-C: DL-C: Step 2	-21.2592	1.4865	-0.4516	0.0539	0.8186	1.1433
332	384	Stage DL-C: DL-C: Step 2	21.2592	0.8774	0.4516	-0.0539	0.5280	-0.1465
333	382	Stage DL-C: DL-C: Step 2	27.2443	0.9600	0.2542	0.1194	-0.5086	0.8984
333	385	Stage DL-C: DL-C: Step 2	-27.2443	-0.3067	-0.2542	-0.1194	-0.3054	0.6463
335	384	Stage DL-C: DL-C: Step 2	-3.6876	1.4524	-0.0528	0.0713	-0.5361	1.0741
335	387	Stage DL-C: DL-C: Step 2	3.6876	0.8236	0.0528	-0.0713	0.7073	-0.2271
336	385	Stage DL-C: DL-C: Step 2	4.4063	0.6048	-0.0242	0.1096	0.3162	0.7863
336	388	Stage DL-C: DL-C: Step 2	-4.4063	-0.2305	0.0242	-0.1096	-0.2388	0.5836
338	387	Stage DL-C: DL-C: Step 2	10.5400	1.3327	-0.1539	0.0488	-0.7156	0.9097
338	390	Stage DL-C: DL-C: Step 2	-10.5400	1.0433	0.1539	-0.0489	1.2097	-0.4461
339	388	Stage DL-C: DL-C: Step 2	-14.8585	0.4577	0.0799	0.1151	0.2476	0.6076
339	391	Stage DL-C: DL-C: Step 2	14.8585	-0.1034	-0.0799	-0.1151	-0.3035	0.2811
340	390	Stage DL-C: DL-C: Step 2	-3.2159	0.1332	-0.0672	-0.0181	0.2816	0.2441
340	183	Stage DL-C: DL-C: Step 2	3.0288	0.0627	0.0672	0.0181	0.2063	0.0119
341	391	Stage DL-C: DL-C: Step 2	4.0937	0.0581	0.1749	-0.0183	-0.6432	0.0164
341	182	Stage DL-C: DL-C: Step 2	-3.9062	0.1379	-0.1749	0.0183	-0.6274	-0.3064
342	390	Stage DL-C: DL-C: Step 2	1.8675	-0.1913	0.0000	0.0000	0.0000	-0.3373
342	182	Stage DL-C: DL-C: Step 2	-1.8675	-0.2011	0.0000	0.0000	0.0000	0.3630
343	391	Stage DL-C: DL-C: Step 2	1.3280	0.3230	0.0000	0.0000	0.0000	0.4293
343	183	Stage DL-C: DL-C: Step 2	-1.3280	0.0724	0.0000	0.0000	0.0000	0.2207
345	390	Stage DL-C: DL-C: Step 2	25.4231	1.3053	0.6612	0.0493	-1.0755	0.7657
345	393	Stage DL-C: DL-C: Step 2	-25.4231	1.0707	-0.6612	-0.0493	-1.0426	-0.4079
348	391	Stage DL-C: DL-C: Step 2	-33.4983	0.4068	-1.1144	0.1249	0.9425	0.3866
348	394	Stage DL-C: DL-C: Step 2	33.4983	-0.0528	1.1144	-0.1249	2.6276	0.3363
348	393	Stage DL-C: DL-C: Step 2	35.5059	1.3518	0.3077	0.0466	1.0362	0.8960
348	396	Stage DL-C: DL-C: Step 2	-35.5059	1.0244	-0.3077	-0.0466	-2.0239	-0.3719
349	394	Stage DL-C: DL-C: Step 2	-47.9170	0.4711	-0.4016	0.1133	-2.6239	0.5815
349	397	Stage DL-C: DL-C: Step 2	47.9170	-0.1168	0.4016	-0.1133	3.9101	0.3601
351	396	Stage DL-C: DL-C: Step 2	45.8154	1.3279	-0.4702	0.0378	2.0181	0.8529

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
351	399	Stage DL-C: DL-C: Step 2	-65.8154	1.0481	0.4722	-0.0378	-0.8117	-0.4047
352	397	Stage DL-C: DL-C: Step 2	-61.6845	0.4329	0.3611	0.0958	-0.5040	0.4827
352	400	Stage DL-C: DL-C: Step 2	61.6845	-0.0788	-0.3611	-0.0958	2.1064	0.3365
354	398	Stage DL-C: DL-C: Step 2	64.0090	1.2679	-1.5139	0.0362	0.5054	0.7768
354	402	Stage DL-C: DL-C: Step 2	-64.0090	1.1080	1.5139	-0.0362	4.3443	-0.5209
355	400	Stage DL-C: DL-C: Step 2	-73.0895	0.3428	1.7518	0.0823	-2.0894	0.3745
355	403	Stage DL-C: DL-C: Step 2	73.0895	0.0114	-1.7518	-0.0823	-5.5125	0.1563
356	402	Stage DL-C: DL-C: Step 2	-8.1277	0.1159	-0.0429	-0.0116	0.2021	0.1754
356	175	Stage DL-C: DL-C: Step 2	7.9402	0.0801	0.0429	0.0116	0.1087	-0.0458
357	403	Stage DL-C: DL-C: Step 2	8.7448	0.0881	0.0937	-0.0121	-0.3581	0.0037
357	174	Stage DL-C: DL-C: Step 2	-8.5574	0.1379	-0.0937	0.0121	-0.3228	-0.2927
358	402	Stage DL-C: DL-C: Step 2	0.3652	-0.2623	0.0000	0.0000	0.0000	-0.4654
358	174	Stage DL-C: DL-C: Step 2	-0.5852	-0.1303	0.0000	0.0000	0.0000	0.1188
359	403	Stage DL-C: DL-C: Step 2	2.4090	0.3652	0.0000	0.0000	0.0000	0.5524
359	175	Stage DL-C: DL-C: Step 2	-2.4090	0.0273	0.0000	0.0000	0.0000	0.3349
361	402	Stage DL-C: DL-C: Step 2	62.4878	1.2486	1.9471	0.0421	-4.3381	0.7021
361	405	Stage DL-C: DL-C: Step 2	-62.4878	1.1261	-1.9471	-0.0421	-1.8898	-0.5040
362	403	Stage DL-C: DL-C: Step 2	-83.7342	0.3000	-2.5183	0.1014	3.7582	0.2341
362	406	Stage DL-C: DL-C: Step 2	83.7342	0.0543	2.5183	-0.1014	4.3123	0.1594
364	405	Stage DL-C: DL-C: Step 2	67.8234	1.2684	0.7859	0.0334	1.6679	0.7587
364	408	Stage DL-C: DL-C: Step 2	-67.8234	1.1066	-0.7859	-0.0334	-4.3516	-0.4960
365	406	Stage DL-C: DL-C: Step 2	-91.1663	0.3220	-0.9859	0.0758	-4.3158	0.3027
365	409	Stage DL-C: DL-C: Step 2	91.1663	0.0323	0.9859	-0.0758	7.4681	0.1613
367	408	Stage DL-C: DL-C: Step 2	72.2291	1.2453	-0.5448	0.0137	4.3488	0.7159
367	411	Stage DL-C: DL-C: Step 2	-72.2291	1.1307	0.5448	-0.0137	-2.6035	-0.5324
368	409	Stage DL-C: DL-C: Step 2	-97.4859	0.2836	0.6649	0.0383	-7.4682	0.2332
368	412	Stage DL-C: DL-C: Step 2	97.4859	0.0707	-0.6649	-0.0383	5.3361	0.1077
370	411	Stage DL-C: DL-C: Step 2	75.5106	1.2148	-1.9771	0.0032	2.5993	0.6709
370	414	Stage DL-C: DL-C: Step 2	-75.5106	1.1612	1.9771	-0.0032	3.7344	-0.5850
371	412	Stage DL-C: DL-C: Step 2	-101.9568	0.2423	2.4157	0.0099	-5.3312	0.1731
371	415	Stage DL-C: DL-C: Step 2	101.9568	0.1120	-2.4157	-0.0099	-2.4075	0.0306
372	414	Stage DL-C: DL-C: Step 2	-8.8405	0.1119	0.0012	-0.0019	-0.0910	0.1803
372	187	Stage DL-C: DL-C: Step 2	8.8646	0.0841	-0.0012	0.0019	0.0430	-0.0581
373	415	Stage DL-C: DL-C: Step 2	9.3037	0.0544	0.0123	-0.0020	-0.0052	-0.0081

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
373	188	Stage DL-C: DL-C: Step 2	-9.1153	0.1418	-0.0123	0.0020	-0.0843	-0.3074
374	414	Stage DL-C: DL-C: Step 2	-0.0725	-0.2563	0.0000	0.0000	0.0000	-0.4468
374	188	Stage DL-C: DL-C: Step 2	0.0725	-0.1362	0.0000	0.0000	0.0000	0.1345
375	415	Stage DL-C: DL-C: Step 2	2.8390	0.3659	0.0000	0.0000	0.0000	0.3561
375	187	Stage DL-C: DL-C: Step 2	-2.8390	0.0266	0.0000	0.0000	0.0000	0.3342
377	414	Stage DL-C: DL-C: Step 2	77.8450	1.1877	1.4730	0.0016	-3.5845	0.6314
377	417	Stage DL-C: DL-C: Step 2	-77.8450	1.1782	-1.4730	-0.0016	-1.1343	-0.6002
378	415	Stage DL-C: DL-C: Step 2	-104.7227	0.2042	-1.8440	0.0134	2.3602	0.1004
378	418	Stage DL-C: DL-C: Step 2	104.7227	0.1501	1.8440	-0.0134	3.5271	-0.0138
380	417	Stage DL-C: DL-C: Step 2	78.1365	1.1878	0.0106	0.0000	1.1351	0.6235
380	420	Stage DL-C: DL-C: Step 2	-78.1365	1.1882	-0.0106	0.0000	-1.1882	-0.6240
381	418	Stage DL-C: DL-C: Step 2	-105.5340	0.1770	0.0090	0.0000	-3.5284	0.0831
381	421	Stage DL-C: DL-C: Step 2	105.5340	0.1772	-0.0090	0.0000	3.4996	-0.0834
383	420	Stage DL-C: DL-C: Step 2	77.7735	1.1753	-1.4518	-0.0016	1.1683	0.5968
383	423	Stage DL-C: DL-C: Step 2	-77.7735	1.2008	1.4518	0.0016	3.4828	-0.6374
384	421	Stage DL-C: DL-C: Step 2	-104.8023	0.1552	1.8618	-0.0134	-3.4984	0.0190
384	424	Stage DL-C: DL-C: Step 2	104.8023	0.1991	-1.8618	0.0134	-2.4684	-0.0884
385	423	Stage DL-C: DL-C: Step 2	-8.8442	0.1119	-0.0367	0.0022	0.1948	0.1803
385	198	Stage DL-C: DL-C: Step 2	8.8687	0.0841	0.0367	-0.0022	0.0881	-0.0581
386	424	Stage DL-C: DL-C: Step 2	9.3034	0.0544	-0.0435	0.0015	0.1398	-0.0081
386	195	Stage DL-C: DL-C: Step 2	-9.1180	0.1418	0.0435	-0.0015	0.1761	-0.3074
387	423	Stage DL-C: DL-C: Step 2	-0.0745	-0.2562	0.0000	0.0000	0.0000	-0.4467
387	195	Stage DL-C: DL-C: Step 2	0.0745	-0.1362	0.0000	0.0000	0.0000	0.1346
388	424	Stage DL-C: DL-C: Step 2	2.8378	0.3659	0.0000	0.0000	0.0000	0.3563
388	196	Stage DL-C: DL-C: Step 2	-2.8378	0.0265	0.0000	0.0000	0.0000	0.3344
390	423	Stage DL-C: DL-C: Step 2	75.5756	1.1583	1.9804	-0.0032	-3.8179	0.5790
390	426	Stage DL-C: DL-C: Step 2	-75.5756	1.2177	-1.9804	0.0032	-2.9563	-0.6741
391	424	Stage DL-C: DL-C: Step 2	-101.8841	0.1171	-2.4042	-0.0099	2.3053	-0.0245
391	427	Stage DL-C: DL-C: Step 2	101.8841	0.2372	2.4042	0.0099	5.3665	-0.1678
393	426	Stage DL-C: DL-C: Step 2	72.2251	1.1305	0.5584	-0.0137	2.9625	0.5320
393	429	Stage DL-C: DL-C: Step 2	-72.2251	1.2455	-0.5584	0.0137	-4.2613	-0.7161
394	427	Stage DL-C: DL-C: Step 2	-97.4920	0.0706	-0.6532	-0.0383	-5.3713	-0.1079
394	430	Stage DL-C: DL-C: Step 2	97.4920	0.2837	0.6532	0.0383	7.4639	-0.2334
396	429	Stage DL-C: DL-C: Step 2	67.8180	1.1064	-0.7523	-0.0334	4.3541	0.4858

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
396	433	Stage DL-C: DL-C: Step 2	-67.8180	1.2695	0.7522	0.0334	-1.9448	-0.7571
397	430	Stage DL-C: DL-C: Step 2	-91.1877	0.5332	0.9977	-0.0758	-7.4668	-0.1814
397	433	Stage DL-C: DL-C: Step 2	91.1877	0.3221	-0.9977	0.0758	4.2705	-0.3030
398	432	Stage DL-C: DL-C: Step 2	62.4117	1.1232	-1.9331	-0.0422	1.9462	0.5007
399	435	Stage DL-C: DL-C: Step 2	-62.4117	1.2527	1.9331	0.0422	4.2463	-0.7081
400	433	Stage DL-C: DL-C: Step 2	-83.8180	0.0594	2.5311	-0.1014	-4.2720	-0.1541
400	436	Stage DL-C: DL-C: Step 2	83.8180	0.2949	-2.5311	0.1014	-3.8364	-0.2231
401	435	Stage DL-C: DL-C: Step 2	-8.1290	0.1159	0.0057	0.0118	-0.0594	0.1753
401	208	Stage DL-C: DL-C: Step 2	7.9415	0.0801	-0.0057	-0.0118	0.0181	-0.0456
402	436	Stage DL-C: DL-C: Step 2	8.7464	0.0591	-0.1248	0.0118	0.4624	0.0027
402	207	Stage DL-C: DL-C: Step 2	-8.5589	0.1379	0.1248	-0.0118	0.4140	-0.2827
403	435	Stage DL-C: DL-C: Step 2	0.3935	-0.2623	0.0000	0.0000	0.0000	-0.4654
403	207	Stage DL-C: DL-C: Step 2	-0.5655	-0.1302	0.0000	0.0000	0.0000	0.1168
404	436	Stage DL-C: DL-C: Step 2	2.4115	0.3652	0.0000	0.0000	0.0000	0.5525
404	208	Stage DL-C: DL-C: Step 2	-2.4115	0.0272	0.0000	0.0000	0.0000	0.3348
406	435	Stage DL-C: DL-C: Step 2	54.0702	1.1051	1.5277	-0.0362	-4.4367	0.5148
406	438	Stage DL-C: DL-C: Step 2	-54.0702	1.2708	-1.5277	0.0362	-0.4572	-0.7802
407	436	Stage DL-C: DL-C: Step 2	-72.9973	0.0165	-1.7396	-0.0824	3.4328	-0.1483
407	439	Stage DL-C: DL-C: Step 2	72.9973	0.3378	1.7396	0.0824	3.1403	-0.3992
409	438	Stage DL-C: DL-C: Step 2	45.8087	1.0479	0.4847	-0.0378	0.4634	0.4043
409	441	Stage DL-C: DL-C: Step 2	-45.8087	1.3291	-0.4847	0.0378	-2.0181	-0.9531
410	438	Stage DL-C: DL-C: Step 2	-61.6626	-0.0767	-0.5487	-0.0955	-2.1473	-0.3367
410	442	Stage DL-C: DL-C: Step 2	61.6626	0.4330	0.5487	0.0955	3.9049	-0.4829
412	441	Stage DL-C: DL-C: Step 2	35.4965	1.0242	-0.3938	-0.0466	2.0219	0.3718
412	444	Stage DL-C: DL-C: Step 2	-35.4965	1.3517	0.3938	0.0466	-1.0839	-0.6964
413	442	Stage DL-C: DL-C: Step 2	-47.9202	-0.1189	0.4144	-0.1133	-3.9110	-0.3803
413	445	Stage DL-C: DL-C: Step 2	47.9202	0.4713	-0.4144	0.1133	2.5834	-0.5618
415	444	Stage DL-C: DL-C: Step 2	25.3463	1.0679	-0.6465	-0.0493	1.0682	0.4046
415	447	Stage DL-C: DL-C: Step 2	-25.3463	1.3082	0.6465	0.0493	0.9830	-0.7897
416	445	Stage DL-C: DL-C: Step 2	-55.5799	-0.0475	1.1271	-0.1249	-2.5890	-0.3310
416	448	Stage DL-C: DL-C: Step 2	55.5799	0.4018	-1.1271	0.1249	-1.0228	-0.3885
417	447	Stage DL-C: DL-C: Step 2	-3.2123	0.1332	0.0298	0.0164	-0.1366	0.2440
417	220	Stage DL-C: DL-C: Step 2	3.0248	0.0628	-0.0298	-0.0164	-0.0783	0.0120
418	448	Stage DL-C: DL-C: Step 2	4.0918	0.0581	-0.2060	0.0157	0.7776	0.0169

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
418	219	Stage DL-C: DL-C: Step 2	-3.9044	0.1379	0.2060	-0.0157	0.7187	-0.3062
419	447	Stage DL-C: DL-C: Step 2	1.8771	-0.1915	0.0000	0.0000	0.0000	-0.3374
419	219	Stage DL-C: DL-C: Step 2	-1.8771	-0.2010	0.0000	0.0000	0.0000	0.3624
420	448	Stage DL-C: DL-C: Step 2	1.3270	0.3206	0.0000	0.0000	0.0000	0.4290
420	220	Stage DL-C: DL-C: Step 2	-1.3270	0.0725	0.0000	0.0000	0.0000	0.2206
422	447	Stage DL-C: DL-C: Step 2	10.6042	1.0403	0.1695	-0.0489	-1.3212	0.4400
422	450	Stage DL-C: DL-C: Step 2	-10.6042	1.3356	-0.1695	0.0489	0.7583	-0.9130
423	449	Stage DL-C: DL-C: Step 2	-14.5907	-0.0963	-0.0660	-0.1151	0.4255	-0.2930
423	451	Stage DL-C: DL-C: Step 2	14.5907	0.4525	0.0660	0.1151	-0.2076	-0.8023
425	450	Stage DL-C: DL-C: Step 2	-3.6663	0.8233	0.0661	-0.0714	-0.7500	0.2265
425	453	Stage DL-C: DL-C: Step 2	3.6663	1.4527	-0.0661	0.0714	0.5362	-1.0745
426	451	Stage DL-C: DL-C: Step 2	4.3936	-0.2506	0.0364	-0.1095	0.1886	-0.5839
426	454	Stage DL-C: DL-C: Step 2	-4.3936	0.8049	-0.0364	0.1095	-0.3154	-0.7985
428	453	Stage DL-C: DL-C: Step 2	-21.2857	0.8771	0.4660	-0.0539	-0.5281	0.1460
428	456	Stage DL-C: DL-C: Step 2	21.2857	1.4669	-0.4660	0.0539	-0.9647	-1.1441
429	454	Stage DL-C: DL-C: Step 2	27.2376	-0.3055	-0.2417	-0.1194	0.3046	-0.6486
429	457	Stage DL-C: DL-C: Step 2	-27.2376	0.8601	0.2417	0.1194	0.4696	-0.8967
431	456	Stage DL-C: DL-C: Step 2	-39.2575	0.9599	1.3470	-0.0283	0.9699	0.2236
431	459	Stage DL-C: DL-C: Step 2	39.2575	1.4160	-1.3470	0.0283	-5.2851	-0.9542
432	457	Stage DL-C: DL-C: Step 2	50.1779	-0.1706	-0.9291	-0.1353	-2.4753	-0.5350
432	460	Stage DL-C: DL-C: Step 2	-50.1779	0.9248	0.9291	0.1353	3.4516	-0.5758
433	459	Stage DL-C: DL-C: Step 2	4.1536	0.1520	0.1661	0.0165	-0.7485	0.2574
433	252	Stage DL-C: DL-C: Step 2	-4.3412	0.0439	-0.1661	-0.0165	-0.4716	0.1352
434	460	Stage DL-C: DL-C: Step 2	-2.3917	-0.0241	-0.2965	0.0188	1.0293	-0.1539
434	231	Stage DL-C: DL-C: Step 2	2.5791	0.2201	0.2965	-0.0188	1.2514	-0.7329
435	459	Stage DL-C: DL-C: Step 2	2.1179	0.3550	0.0000	0.0000	0.0000	0.8132
435	231	Stage DL-C: DL-C: Step 2	-2.1179	-0.7474	0.0000	0.0000	0.0000	2.0802
436	460	Stage DL-C: DL-C: Step 2	1.0461	0.3488	0.0000	0.0000	0.0000	0.4255
436	232	Stage DL-C: DL-C: Step 2	-1.0461	0.0429	0.0000	0.0000	0.0000	0.3793
438	459	Stage DL-C: DL-C: Step 2	-84.0276	0.9055	-2.6280	-0.0731	5.2236	0.2745
438	462	Stage DL-C: DL-C: Step 2	84.0276	1.4704	2.6280	0.0731	3.1953	-1.1782
439	460	Stage DL-C: DL-C: Step 2	80.0362	-0.2396	2.5804	-0.1397	-4.0320	-0.4177
439	463	Stage DL-C: DL-C: Step 2	-80.0362	0.5898	-2.5804	0.1397	-4.2343	-0.9045
441	462	Stage DL-C: DL-C: Step 2	-86.8413	0.7823	-1.0058	-0.0571	-3.1907	-0.0345

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
441	465	Stage DL-C: DL-C: Step 2	86.8413	1.8137	1.0059	0.0571	6.4133	-1.3283
442	463	Stage DL-C: DL-C: Step 2	109.1504	-0.4960	0.9652	-0.1157	4.2298	-0.9186
442	466	Stage DL-C: DL-C: Step 2	-109.1554	0.8408	-0.9652	0.1157	-7.3220	-1.2069
444	465	Stage DL-C: DL-C: Step 2	-112.7553	0.7129	1.2000	-0.0318	-8.4069	-0.0810
444	468	Stage DL-C: DL-C: Step 2	112.7553	1.8631	-1.2000	0.0318	2.5627	-1.4410
445	468	Stage DL-C: DL-C: Step 2	142.1836	-0.4477	-1.1923	-0.0821	7.3152	-0.6963
445	469	Stage DL-C: DL-C: Step 2	-142.1836	0.8020	1.1923	0.0821	-3.4958	-1.1354
447	468	Stage DL-C: DL-C: Step 2	-140.5187	0.9401	4.0363	-0.0078	-2.5560	0.1460
447	471	Stage DL-C: DL-C: Step 2	140.5187	1.4339	-4.0363	0.0078	-10.3806	-0.9402
448	469	Stage DL-C: DL-C: Step 2	171.5907	-0.2877	-3.9402	-0.0862	3.4883	-0.7103
448	472	Stage DL-C: DL-C: Step 2	-171.5907	0.8420	3.9402	0.0862	9.1342	-0.7788
449	471	Stage DL-C: DL-C: Step 2	23.9308	0.0822	-0.0677	0.0105	0.2457	-0.0410
449	344	Stage DL-C: DL-C: Step 2	-24.1182	0.1136	0.0677	-0.0105	0.2479	-0.0735
450	472	Stage DL-C: DL-C: Step 2	8.6710	0.0415	-0.0589	0.0087	0.2829	0.1367
450	343	Stage DL-C: DL-C: Step 2	-8.7936	0.1544	0.0589	-0.0087	0.1445	-0.5467
451	471	Stage DL-C: DL-C: Step 2	-9.2496	0.5246	0.0000	0.0000	0.0000	1.1217
451	343	Stage DL-C: DL-C: Step 2	9.2496	-0.9173	0.0000	0.0000	0.0000	2.8634
452	472	Stage DL-C: DL-C: Step 2	-8.8995	0.3019	0.0000	0.0000	0.0000	0.1668
452	344	Stage DL-C: DL-C: Step 2	8.8995	0.0905	0.0000	0.0000	0.0000	0.3658
454	471	Stage DL-C: DL-C: Step 2	-141.5869	1.4077	-4.0262	-0.0558	9.8898	0.6967
454	474	Stage DL-C: DL-C: Step 2	141.5869	0.9682	4.0262	0.0558	2.9679	-0.1947
455	472	Stage DL-C: DL-C: Step 2	173.0811	0.8047	4.1485	-0.0921	-9.5133	0.7294
455	475	Stage DL-C: DL-C: Step 2	-173.0811	-0.2504	-4.1485	0.0921	-3.7784	0.6402
457	474	Stage DL-C: DL-C: Step 2	-115.8666	1.6286	-1.1775	-0.0363	-2.9059	1.3864
457	477	Stage DL-C: DL-C: Step 2	115.8666	0.7474	1.1775	0.0363	8.6779	0.0250
458	475	Stage DL-C: DL-C: Step 2	146.2035	0.7479	1.3561	-0.0725	3.7747	1.0498
458	478	Stage DL-C: DL-C: Step 2	-146.2035	-0.3837	-1.3561	0.0725	-8.1190	0.7790
460	477	Stage DL-C: DL-C: Step 2	-82.0060	1.5792	1.1284	-0.0068	-6.6746	1.2751
460	480	Stage DL-C: DL-C: Step 2	82.0060	0.7967	-1.1284	0.0068	3.0601	-0.0318
461	479	Stage DL-C: DL-C: Step 2	115.8252	0.7864	-0.8943	-0.0370	8.1157	1.1260
461	481	Stage DL-C: DL-C: Step 2	-115.8252	-0.4321	0.8943	0.0370	-5.2509	0.8258
463	480	Stage DL-C: DL-C: Step 2	-71.5838	1.4408	2.9442	0.0185	-3.0581	1.1308
463	483	Stage DL-C: DL-C: Step 2	71.5838	0.9351	-2.9442	-0.0185	-6.3758	-0.3208
464	481	Stage DL-C: DL-C: Step 2	89.2831	0.5556	-2.8613	-0.0142	5.2484	0.8418

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
464	464	Stage DL-C: DL-C: Step 2	-89.2831	-0.2014	2.8613	0.0142	5.2472	0.3707
465	463	Stage DL-C: DL-C: Step 2	5.4183	0.1667	-0.2684	0.0030	1.1658	0.2870
465	256	Stage DL-C: DL-C: Step 2	-5.6037	0.0292	0.2884	-0.0030	0.9288	0.2124
466	464	Stage DL-C: DL-C: Step 2	-3.5318	-0.0316	0.1641	-0.0035	-0.4734	-0.1761
466	255	Stage DL-C: DL-C: Step 2	3.7183	0.2276	-0.1641	0.0039	-0.7183	-0.7854
467	463	Stage DL-C: DL-C: Step 2	3.7888	0.4106	0.0000	0.0000	0.0000	0.9477
467	256	Stage DL-C: DL-C: Step 2	-3.7888	-0.6031	0.0000	0.0000	0.0000	2.2379
468	464	Stage DL-C: DL-C: Step 2	-0.1702	0.3670	0.0000	0.0000	0.0000	0.4607
468	256	Stage DL-C: DL-C: Step 2	0.1702	0.0054	0.0000	0.0000	0.0000	0.5408
470	463	Stage DL-C: DL-C: Step 2	-49.0511	1.3615	-1.7201	-0.0341	5.7369	0.9059
470	466	Stage DL-C: DL-C: Step 2	49.0511	0.8645	1.7201	0.0341	-0.3267	-0.2960
471	464	Stage DL-C: DL-C: Step 2	62.6662	0.4855	1.4147	-0.0033	-3.3823	0.5343
471	467	Stage DL-C: DL-C: Step 2	-62.6662	-0.1312	-1.4147	0.0033	-1.1488	0.4837
473	466	Stage DL-C: DL-C: Step 2	-33.2734	1.4619	-0.6342	-0.0145	0.2294	1.0635
473	469	Stage DL-C: DL-C: Step 2	33.2734	0.8140	0.6342	0.0145	1.8024	-0.2054
474	467	Stage DL-C: DL-C: Step 2	42.8004	0.5861	0.4825	-0.0097	1.1469	0.8023
474	490	Stage DL-C: DL-C: Step 2	-42.8004	-0.2418	-0.4825	0.0097	-2.7245	0.5398
476	469	Stage DL-C: DL-C: Step 2	-17.8605	1.4483	0.1344	0.0100	-1.8028	1.0868
476	492	Stage DL-C: DL-C: Step 2	17.8605	0.9277	-0.1344	-0.0100	1.3724	-0.2230
477	490	Stage DL-C: DL-C: Step 2	22.8670	0.5502	-0.0772	-0.0151	2.7249	0.7020
477	493	Stage DL-C: DL-C: Step 2	-22.8670	-0.1958	0.0772	0.0151	-2.4776	0.4802
479	492	Stage DL-C: DL-C: Step 2	-5.1760	1.3478	0.4779	0.0235	-1.3736	0.9402
479	495	Stage DL-C: DL-C: Step 2	5.1760	1.0281	-0.4779	-0.0239	-0.1571	-0.4281
480	493	Stage DL-C: DL-C: Step 2	8.3261	0.4141	-0.3247	-0.0153	2.4792	0.5448
480	496	Stage DL-C: DL-C: Step 2	-8.3261	-0.0998	0.3247	0.0153	-1.4391	0.2141
481	495	Stage DL-C: DL-C: Step 2	-0.0901	0.1614	-0.1660	-0.0004	0.9850	0.2855
481	268	Stage DL-C: DL-C: Step 2	-0.0973	0.0346	0.1660	0.0004	0.5125	0.1951
482	496	Stage DL-C: DL-C: Step 2	1.2093	-0.0257	0.0826	-0.0031	-0.2532	-0.1831
482	267	Stage DL-C: DL-C: Step 2	-1.0218	0.2217	-0.0826	0.0031	-0.4193	-0.7152
483	495	Stage DL-C: DL-C: Step 2	5.0048	0.2700	0.0000	0.0000	0.0000	0.6498
483	267	Stage DL-C: DL-C: Step 2	-5.0048	-0.8624	0.0000	0.0000	0.0000	1.7987
484	496	Stage DL-C: DL-C: Step 2	-1.1418	0.4464	0.0000	0.0000	0.0000	0.6017
484	266	Stage DL-C: DL-C: Step 2	1.1418	-0.0540	0.0000	0.0000	0.0000	0.7118
486	495	Stage DL-C: DL-C: Step 2	8.1038	1.3018	0.1806	-0.0105	-0.1660	0.7882

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
486	498	Stage DL-C: DL-C: Step 2	-8.1038	1.0744	-0.1606	0.0105	-0.3896	-0.4242
487	496	Stage DL-C: DL-C: Step 2	-9.3553	0.3494	-0.4075	0.0335	1.3033	0.3234
487	499	Stage DL-C: DL-C: Step 2	9.3553	0.0049	0.4075	-0.0335	-0.0270	0.2363
489	498	Stage DL-C: DL-C: Step 2	16.6406	1.3391	0.0846	0.0101	0.3606	0.6773
489	501	Stage DL-C: DL-C: Step 2	-16.6406	1.0369	-0.0846	-0.0101	-0.6817	-0.3934
490	499	Stage DL-C: DL-C: Step 2	-20.3500	0.4007	-0.1596	0.0196	0.0257	0.4589
490	502	Stage DL-C: DL-C: Step 2	20.3500	-0.0484	0.1596	-0.0196	0.4662	0.2573
492	501	Stage DL-C: DL-C: Step 2	24.1409	1.3062	-0.2243	0.0266	0.6562	0.8322
492	504	Stage DL-C: DL-C: Step 2	-24.1409	1.0679	0.2243	-0.0266	0.0602	-0.4471
493	502	Stage DL-C: DL-C: Step 2	-30.2557	0.3486	0.2739	0.0070	-0.4824	0.3683
493	505	Stage DL-C: DL-C: Step 2	30.2557	0.0057	-0.2739	-0.0070	-0.3946	0.1829
495	504	Stage DL-C: DL-C: Step 2	28.5065	1.2460	-0.6025	0.0070	-0.0634	0.7413
495	507	Stage DL-C: DL-C: Step 2	-28.5065	1.1309	0.6025	-0.0070	1.8836	-0.5585
496	505	Stage DL-C: DL-C: Step 2	-37.3944	0.2768	0.8701	0.0088	0.3683	0.2854
496	508	Stage DL-C: DL-C: Step 2	37.3944	0.0775	-0.8701	-0.0088	-3.1656	0.0539
497	507	Stage DL-C: DL-C: Step 2	-4.8121	0.1394	-0.0641	-0.0028	0.2729	0.2544
497	280	Stage DL-C: DL-C: Step 2	4.4246	0.0566	0.0641	0.0028	0.1927	0.0464
498	508	Stage DL-C: DL-C: Step 2	5.1516	0.0545	0.0126	-0.0042	-0.0177	-0.0007
498	279	Stage DL-C: DL-C: Step 2	-4.9641	0.1415	-0.0126	0.0042	-0.0741	-0.3150
499	507	Stage DL-C: DL-C: Step 2	3.0156	-0.2054	0.0000	0.0000	0.0000	-0.3671
499	279	Stage DL-C: DL-C: Step 2	-3.0156	-0.1871	0.0000	0.0000	0.0000	0.3189
500	508	Stage DL-C: DL-C: Step 2	-0.1988	0.3637	0.0000	0.0000	0.0000	0.5059
500	280	Stage DL-C: DL-C: Step 2	0.1988	0.0288	0.0000	0.0000	0.0000	0.3731
502	507	Stage DL-C: DL-C: Step 2	32.7171	1.2137	0.8553	0.0124	-2.1959	0.8818
502	510	Stage DL-C: DL-C: Step 2	-32.7171	1.1622	-0.8553	-0.0124	-0.5441	-0.5781
503	508	Stage DL-C: DL-C: Step 2	-42.5969	0.2248	-1.1594	0.0368	3.0670	0.1483
503	511	Stage DL-C: DL-C: Step 2	42.5969	0.1295	1.1594	-0.0368	0.6273	0.0045
505	510	Stage DL-C: DL-C: Step 2	34.1283	1.2137	0.3438	0.0135	0.5437	0.8741
505	513	Stage DL-C: DL-C: Step 2	-34.1283	1.1622	-0.3438	-0.0135	-1.6451	-0.5918
506	511	Stage DL-C: DL-C: Step 2	-45.0466	0.2153	-0.3699	0.0323	-0.6269	0.1472
506	514	Stage DL-C: DL-C: Step 2	45.0466	0.1390	0.3699	-0.0323	1.8759	-0.0250
508	513	Stage DL-C: DL-C: Step 2	34.8773	1.1846	-0.3574	0.0085	1.6437	0.8344
508	516	Stage DL-C: DL-C: Step 2	-34.8773	1.1573	0.3574	-0.0085	-0.4867	-0.6323
509	514	Stage DL-C: DL-C: Step 2	-46.0099	0.1775	0.4080	0.0215	-1.8743	0.0851

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
509	517	Stage DL-C: DL-C: Step 2	46.0099	0.1766	-0.4080	-0.0215	0.5672	-0.0839
511	516	Stage DL-C: DL-C: Step 2	34.8289	1.1608	-1.0257	0.0072	0.4969	0.8124
511	519	Stage DL-C: DL-C: Step 2	-34.8289	1.1952	1.0257	-0.0072	2.7689	-0.6354
512	517	Stage DL-C: DL-C: Step 2	-45.6384	0.1739	1.2100	0.0126	-0.5651	0.0621
512	520	Stage DL-C: DL-C: Step 2	45.6384	0.1804	-1.2100	-0.0126	-3.3111	-0.0728
513	519	Stage DL-C: DL-C: Step 2	-5.3173	0.1178	-0.0347	-0.0030	0.1488	0.1657
513	292	Stage DL-C: DL-C: Step 2	5.1299	0.0781	0.0347	0.0030	0.1033	-0.0315
514	520	Stage DL-C: DL-C: Step 2	6.3635	0.0641	-0.0114	-0.0036	0.0609	0.0082
514	291	Stage DL-C: DL-C: Step 2	-6.1760	0.1319	0.0114	0.0036	0.0221	-0.2544
515	519	Stage DL-C: DL-C: Step 2	1.8128	-0.2258	0.0000	0.0000	0.0000	-0.3244
515	291	Stage DL-C: DL-C: Step 2	-1.8128	-0.1886	0.0000	0.0000	0.0000	0.1689
518	520	Stage DL-C: DL-C: Step 2	0.4289	0.3330	0.0000	0.0000	0.0000	0.4218
518	292	Stage DL-C: DL-C: Step 2	-0.4289	0.0595	0.0000	0.0000	0.0000	0.2963
518	519	Stage DL-C: DL-C: Step 2	33.7170	1.1350	1.0298	0.0218	-2.9897	0.5868
518	522	Stage DL-C: DL-C: Step 2	-33.7170	1.2409	-1.0298	-0.0218	-0.3091	-0.7364
519	520	Stage DL-C: DL-C: Step 2	-38.0188	-0.2983	-1.1590	0.0238	3.2691	-0.3808
519	523	Stage DL-C: DL-C: Step 2	38.0188	0.8106	1.1590	-0.0239	0.4468	-1.0077
521	522	Stage DL-C: DL-C: Step 2	27.9160	1.0987	0.4796	0.0160	0.3094	0.4792
521	525	Stage DL-C: DL-C: Step 2	-27.9160	1.2773	-0.4796	-0.0160	-1.8454	-0.7643
523	523	Stage DL-C: DL-C: Step 2	-41.4034	3.7820	-0.4477	0.0219	-0.4481	1.2521
522	526	Stage DL-C: DL-C: Step 2	41.4034	4.8457	0.4477	-0.0219	1.8803	-2.9402
524	525	Stage DL-C: DL-C: Step 2	20.3638	1.0105	-0.0868	0.0068	1.8445	0.3831
524	528	Stage DL-C: DL-C: Step 2	-20.3638	1.3655	0.0868	-0.0068	-1.3618	-0.8618
525	526	Stage DL-C: DL-C: Step 2	-25.7860	4.3627	0.1305	0.0279	-1.8783	1.8621
525	529	Stage DL-C: DL-C: Step 2	25.7860	4.5551	-0.1305	-0.0279	1.4612	-2.7088
527	529	Stage DL-C: DL-C: Step 2	7.4745	1.0548	-0.3714	-0.0038	1.3567	0.3580
527	531	Stage DL-C: DL-C: Step 2	-7.4745	1.3212	0.3714	0.0038	-0.3690	-0.7847
528	529	Stage DL-C: DL-C: Step 2	-14.7137	4.2466	0.4736	0.0374	-1.4582	2.0196
528	532	Stage DL-C: DL-C: Step 2	14.7137	4.3911	-0.4736	-0.0374	-0.0565	-2.2511
529	531	Stage DL-C: DL-C: Step 2	6.1473	0.0747	-0.2636	-0.0104	0.5283	-0.0117
529	304	Stage DL-C: DL-C: Step 2	-6.3348	0.1212	0.2636	0.0104	1.3881	-0.1573
530	532	Stage DL-C: DL-C: Step 2	6.6748	0.1208	0.2098	0.0029	-0.8995	0.2365
530	303	Stage DL-C: DL-C: Step 2	-6.6674	0.0752	-0.2098	-0.0029	-0.6154	-0.0707
531	531	Stage DL-C: DL-C: Step 2	-4.7235	-0.1802	0.0000	0.0000	0.0000	-0.1665

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
531	303	Stage DL-C: DL-C: Step 2	4.7235	-0.2322	0.0000	0.0000	0.0000	0.3556
532	532	Stage DL-C: DL-C: Step 2	-5.0661	0.2796	0.0000	0.0000	0.0000	0.2710
532	304	Stage DL-C: DL-C: Step 2	5.0661	0.1129	0.0000	0.0000	0.0000	0.1985
534	534	Stage DL-C: DL-C: Step 2	4.0115	0.0600	0.1488	0.0087	-0.1995	-0.0121
534	307	Stage DL-C: DL-C: Step 2	-4.1960	0.1360	-0.1488	-0.0087	-0.8815	-0.2641
535	535	Stage DL-C: DL-C: Step 2	6.0210	0.1313	-0.0017	0.0023	-0.1050	0.2532
535	306	Stage DL-C: DL-C: Step 2	-5.8336	0.0647	0.0017	-0.0023	0.1175	-0.0115
536	534	Stage DL-C: DL-C: Step 2	-5.2761	-0.2369	0.0000	0.0000	0.0000	-0.3114
536	306	Stage DL-C: DL-C: Step 2	5.2761	-0.1555	0.0000	0.0000	0.0000	0.0979
537	535	Stage DL-C: DL-C: Step 2	-2.1332	0.1719	0.0000	0.0000	0.0000	0.1331
537	307	Stage DL-C: DL-C: Step 2	2.1332	0.2205	0.0000	0.0000	0.0000	-0.2607
539	534	Stage DL-C: DL-C: Step 2	5.5428	1.3133	0.3414	-0.0089	-0.1908	0.7947
539	537	Stage DL-C: DL-C: Step 2	-5.5428	1.1189	-0.3414	0.0089	-0.8293	-0.4674
540	535	Stage DL-C: DL-C: Step 2	-9.6240	0.3678	-0.3506	-0.2105	-0.1068	0.3617
540	538	Stage DL-C: DL-C: Step 2	9.6240	-0.0049	0.3506	0.0105	1.2571	0.2487
542	537	Stage DL-C: DL-C: Step 2	15.4057	1.3670	0.0685	-0.0093	0.8010	0.9239
542	540	Stage DL-C: DL-C: Step 2	-15.4057	1.0953	-0.0685	0.0093	-1.2218	-0.4308
543	538	Stage DL-C: DL-C: Step 2	-20.7019	0.3957	-0.0955	-0.0195	-1.2596	0.4445
543	541	Stage DL-C: DL-C: Step 2	20.7019	-0.0328	0.0955	0.0195	1.5730	0.3584
545	540	Stage DL-C: DL-C: Step 2	23.7856	1.3262	-0.2986	-0.0119	1.2231	0.8429
545	543	Stage DL-C: DL-C: Step 2	-23.7856	1.1071	0.2986	0.0119	-0.2500	-0.4830
546	541	Stage DL-C: DL-C: Step 2	-31.4039	0.3743	0.3624	-0.0308	-1.5744	0.4142
546	544	Stage DL-C: DL-C: Step 2	31.4039	-0.0114	-0.3624	0.0308	0.3653	0.2185
548	543	Stage DL-C: DL-C: Step 2	30.0369	1.2802	-0.8622	-0.0091	0.2507	0.7838
548	546	Stage DL-C: DL-C: Step 2	-30.0369	1.1531	0.8622	0.0091	2.5779	-0.5753
549	544	Stage DL-C: DL-C: Step 2	-36.4866	0.2674	0.9685	-0.0379	-0.3858	0.2869
549	547	Stage DL-C: DL-C: Step 2	36.4866	0.0755	-0.9685	0.0379	-2.8573	0.0587
550	549	Stage DL-C: DL-C: Step 2	-5.5365	0.0936	-0.0302	0.0040	0.1449	0.1357
550	319	Stage DL-C: DL-C: Step 2	5.3491	0.1022	0.0302	-0.0040	0.0742	-0.1659
551	547	Stage DL-C: DL-C: Step 2	6.1256	0.1024	0.0050	0.0039	-0.0406	0.1536
551	318	Stage DL-C: DL-C: Step 2	-5.9382	0.0936	-0.0050	-0.0039	0.0040	-0.1215
552	548	Stage DL-C: DL-C: Step 2	-3.1609	-0.9323	0.0000	0.0000	0.0000	-0.5798
552	318	Stage DL-C: DL-C: Step 2	3.1609	-0.0601	0.0000	0.0000	0.0000	-0.1346
553	547	Stage DL-C: DL-C: Step 2	5.4016	0.2826	0.0000	0.0000	0.0000	0.4668

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
553	319	Stage DL-C: DL-C: Step 2	-5.4016	0.1098	0.0000	0.0000	0.0000	-0.0353
555	548	Stage DL-C: DL-C: Step 2	33.5891	1.2218	1.0529	-0.0105	-2.9895	0.6731
555	549	Stage DL-C: DL-C: Step 2	-33.5891	1.2115	-1.0529	0.0105	-0.7550	-0.9561
556	547	Stage DL-C: DL-C: Step 2	-43.7559	0.1908	-1.1082	-0.0106	2.8010	0.1058
556	550	Stage DL-C: DL-C: Step 2	43.7559	0.1721	1.1082	0.0106	0.8346	-0.0753
558	548	Stage DL-C: DL-C: Step 2	33.3528	1.1987	0.3153	-0.0094	0.7574	0.6311
558	552	Stage DL-C: DL-C: Step 2	-33.3528	1.2366	-0.3153	0.0094	-1.7917	-0.6866
558	550	Stage DL-C: DL-C: Step 2	-43.2393	0.1512	-0.3488	-0.0202	-0.8277	0.0423
558	553	Stage DL-C: DL-C: Step 2	43.2393	0.2116	0.3488	0.0202	1.9756	-0.1413
561	552	Stage DL-C: DL-C: Step 2	31.3755	1.1719	-0.3076	-0.0130	1.7932	0.5918
561	555	Stage DL-C: DL-C: Step 2	-31.3755	1.2614	0.3076	0.0130	-0.7840	-0.7384
562	553	Stage DL-C: DL-C: Step 2	-40.4542	0.1025	0.3826	-0.0345	-1.9774	-0.0334
562	556	Stage DL-C: DL-C: Step 2	40.4542	0.2603	-0.3826	0.0345	0.7224	-0.2254
564	555	Stage DL-C: DL-C: Step 2	28.2849	1.1770	-0.9172	-0.0119	0.7946	0.5835
564	558	Stage DL-C: DL-C: Step 2	-28.2849	1.2563	0.9172	0.0119	3.2245	-0.7139
565	556	Stage DL-C: DL-C: Step 2	-35.7751	0.0980	1.0467	-0.0439	-0.7228	-0.0650
565	558	Stage DL-C: DL-C: Step 2	35.7751	0.2648	-1.0467	0.0439	-2.7114	-0.2087
566	558	Stage DL-C: DL-C: Step 2	-2.7431	0.0922	0.0325	0.0031	-0.1600	0.1101
566	331	Stage DL-C: DL-C: Step 2	2.5556	0.1039	-0.0325	-0.0031	-0.0795	-0.1519
567	559	Stage DL-C: DL-C: Step 2	3.0903	0.1055	-0.0433	0.0031	0.1949	0.1348
567	330	Stage DL-C: DL-C: Step 2	-2.9029	0.0905	0.0433	-0.0031	0.1186	-0.0803
568	558	Stage DL-C: DL-C: Step 2	0.2040	-0.2895	0.0000	0.0000	0.0000	-0.3864
568	330	Stage DL-C: DL-C: Step 2	-0.2040	-0.1029	0.0000	0.0000	0.0000	-0.1033
569	559	Stage DL-C: DL-C: Step 2	2.3925	0.2189	0.0000	0.0000	0.0000	0.2844
569	331	Stage DL-C: DL-C: Step 2	-2.3925	0.1736	0.0000	0.0000	0.0000	-0.1455
571	558	Stage DL-C: DL-C: Step 2	22.3115	1.1400	0.6108	-0.0138	-2.2332	0.5640
571	561	Stage DL-C: DL-C: Step 2	-22.3115	1.2932	-0.6108	0.0138	0.2293	-0.8153
572	559	Stage DL-C: DL-C: Step 2	-27.9246	0.0429	-0.5624	-0.0140	2.8140	-0.1035
572	562	Stage DL-C: DL-C: Step 2	27.9246	0.3202	0.5624	0.0140	-0.7033	-0.3523
574	561	Stage DL-C: DL-C: Step 2	15.6105	1.0858	0.2268	-0.0070	-0.2279	0.4237
574	564	Stage DL-C: DL-C: Step 2	-15.6105	1.3675	-0.2268	0.0070	-0.5163	-0.9185
575	562	Stage DL-C: DL-C: Step 2	-17.8197	-0.0475	-0.1843	-0.0188	0.7015	-0.2751
575	565	Stage DL-C: DL-C: Step 2	17.8197	0.4103	0.1843	0.0188	-0.0969	-0.4758
577	564	Stage DL-C: DL-C: Step 2	9.3493	1.0318	-0.0187	-0.0064	0.5173	0.3684

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
577	567	Stage DL-C: DL-C: Step 2	-5.3463	1.4015	0.0187	0.0084	-0.4559	-0.6757
578	565	Stage DL-C: DL-C: Step 2	-4.7813	-0.1013	0.0067	-0.0209	0.0656	-0.3518
578	568	Stage DL-C: DL-C: Step 3	4.7813	0.4642	-0.0067	0.0209	-0.1178	-0.5767
580	567	Stage DL-C: DL-C: Step 3	-5.5421	1.0737	-0.0211	-0.0045	0.4563	0.4016
580	570	Stage DL-C: DL-C: Step 2	5.5421	1.3578	0.0211	0.0045	-0.3872	-0.6641
581	568	Stage DL-C: DL-C: Step 2	9.3749	-0.0369	-0.0431	-0.0239	0.1175	-0.3067
581	571	Stage DL-C: DL-C: Step 3	-9.3749	0.3997	0.0431	0.0239	0.0245	-0.4074
582	570	Stage DL-C: DL-C: Step 2	1.3535	0.0882	0.1252	-0.0003	-0.5899	0.1137
582	343	Stage DL-C: DL-C: Step 2	-1.5408	0.0878	-0.1252	0.0003	-0.2193	-0.1124
583	571	Stage DL-C: DL-C: Step 3	-0.7931	0.0915	-0.0983	0.0023	0.3771	0.0877
583	342	Stage DL-C: DL-C: Step 2	0.9796	0.1045	0.0983	-0.0023	0.3366	-0.1350
584	570	Stage DL-C: DL-C: Step 2	3.7419	-0.1603	0.0000	0.0000	0.0000	-0.0861
584	342	Stage DL-C: DL-C: Step 2	-3.7419	-0.2321	0.0000	0.0000	0.0000	0.2547
585	571	Stage DL-C: DL-C: Step 3	-1.5197	0.1621	0.0000	0.0000	0.0000	0.0580
585	343	Stage DL-C: DL-C: Step 3	1.5197	0.2303	0.0000	0.0000	0.0000	-0.2368
587	570	Stage DL-C: DL-C: Step 2	-20.9646	1.0416	-0.6311	-0.0015	0.4622	0.4336
587	573	Stage DL-C: DL-C: Step 2	20.9646	1.3917	0.6311	0.0015	1.8083	-1.0079
588	571	Stage DL-C: DL-C: Step 2	27.6037	-0.0776	0.8795	-0.0136	-0.0467	-0.2448
588	574	Stage DL-C: DL-C: Step 2	-27.6037	0.4404	-0.8795	0.0136	-2.8387	-0.6048
590	573	Stage DL-C: DL-C: Step 2	-34.8784	0.9377	-0.1381	0.0023	-1.8101	0.2184
590	576	Stage DL-C: DL-C: Step 2	34.8784	1.4856	0.1381	-0.0023	2.0633	-1.1336
591	574	Stage DL-C: DL-C: Step 3	45.7759	-0.2157	0.2527	0.0015	2.9408	-0.5308
591	577	Stage DL-C: DL-C: Step 3	-45.7759	0.5798	-0.2527	-0.0015	-3.6700	-0.7660
593	576	Stage DL-C: DL-C: Step 2	-51.6183	0.8206	0.6790	0.0039	-2.0630	0.1951
593	579	Stage DL-C: DL-C: Step 2	51.6183	1.5126	-0.6790	-0.0036	-0.1614	-1.1862
594	577	Stage DL-C: DL-C: Step 2	67.2032	-0.2819	-0.7184	0.0204	3.9697	-0.5815
594	580	Stage DL-C: DL-C: Step 3	-67.2032	0.6248	0.7184	-0.0204	-1.3128	-0.8731
596	579	Stage DL-C: DL-C: Step 2	-88.5447	1.0103	1.9484	0.0085	0.1618	0.2863
596	582	Stage DL-C: DL-C: Step 2	88.5447	1.4230	-1.9484	-0.0085	-6.9543	-0.9831
597	580	Stage DL-C: DL-C: Step 3	89.1522	-0.1590	-2.0785	0.0293	1.3117	-0.5023
597	583	Stage DL-C: DL-C: Step 3	-89.1522	0.5219	2.0785	-0.0293	5.5075	-0.6146
599	582	Stage DL-C: DL-C: Step 3	7.9649	0.0887	0.2073	-0.0039	-0.0357	0.1099
599	355	Stage DL-C: DL-C: Step 2	-8.1723	0.0973	-0.2073	0.0039	-0.5698	-0.1047
599	583	Stage DL-C: DL-C: Step 2	-8.9543	0.0854	-0.1239	-0.0011	0.5122	0.0996

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
599	354	Stage DL-C: DL-C: Step 2	7.0417	0.1006	0.1239	0.0011	0.3679	-0.1168
600	582	Stage DL-C: DL-C: Step 2	4.4643	-0.0398	0.0000	0.0000	0.0000	0.2569
600	354	Stage DL-C: DL-C: Step 2	-4.4643	-0.3525	0.0000	0.0000	0.0000	0.5635
601	583	Stage DL-C: DL-C: Step 2	-3.1873	0.0550	0.0000	0.0000	0.0000	-0.2392
601	355	Stage DL-C: DL-C: Step 2	3.1873	0.3374	0.0000	0.0000	0.0000	-0.5033
603	582	Stage DL-C: DL-C: Step 2	-91.2955	0.9601	-3.1244	0.0060	6.8112	0.3664
603	585	Stage DL-C: DL-C: Step 2	91.2955	1.4532	3.1244	-0.0060	3.4094	-1.1424
604	583	Stage DL-C: DL-C: Step 2	115.8494	-0.1866	5.3517	-0.0168	-5.5187	-0.3700
604	586	Stage DL-C: DL-C: Step 2	-115.8494	0.5494	-5.3517	0.0168	-5.4777	-0.6374
606	585	Stage DL-C: DL-C: Step 2	-110.8676	0.8531	-1.0987	0.0217	-3.4484	0.0899
606	588	Stage DL-C: DL-C: Step 2	110.8676	1.5602	1.0987	-0.0217	7.0511	-1.2826
607	586	Stage DL-C: DL-C: Step 2	141.2445	-0.3882	1.1483	0.0223	5.4662	-0.7650
607	589	Stage DL-C: DL-C: Step 2	-141.2445	0.7490	-1.1483	-0.0223	-6.2534	-1.0872
609	588	Stage DL-C: DL-C: Step 2	-133.7551	0.8002	1.2523	0.0246	-7.0544	0.0329
609	591	Stage DL-C: DL-C: Step 2	133.7551	1.8331	-1.2523	-0.0246	2.9459	-1.3884
610	589	Stage DL-C: DL-C: Step 2	170.2779	-0.3548	-1.5189	0.0845	8.2569	-0.7302
610	592	Stage DL-C: DL-C: Step 2	-170.2779	0.7176	1.5189	-0.0845	-4.2737	-1.0291
612	591	Stage DL-C: DL-C: Step 2	-156.6058	1.0071	4.2472	0.0329	-2.9453	0.2411
612	594	Stage DL-C: DL-C: Step 2	156.6058	1.4261	-4.2472	-0.0329	-10.8890	-0.8264
613	592	Stage DL-C: DL-C: Step 2	195.8815	-0.2261	-4.7137	0.1228	4.2718	-0.5800
613	595	Stage DL-C: DL-C: Step 2	-195.8815	0.5679	4.7137	-0.1228	11.1928	-0.8681
614	594	Stage DL-C: DL-C: Step 2	23.8095	0.0232	0.0313	-0.0066	-0.0944	-0.1390
614	367	Stage DL-C: DL-C: Step 2	-24.1170	0.1726	-0.0313	0.0066	-0.1331	-0.4045
615	595	Stage DL-C: DL-C: Step 2	2.2392	0.1894	0.0671	-0.0093	-0.2791	0.4628
615	366	Stage DL-C: DL-C: Step 2	-2.0018	0.0066	-0.0671	0.0093	-0.2115	0.2009
616	594	Stage DL-C: DL-C: Step 2	-7.4183	-0.0177	0.0000	0.0000	0.0000	0.2356
616	366	Stage DL-C: DL-C: Step 2	7.4183	-0.3748	0.0000	0.0000	0.0000	0.7017
617	595	Stage DL-C: DL-C: Step 2	-7.7272	0.0179	0.0000	0.0000	0.0000	-0.2946
617	367	Stage DL-C: DL-C: Step 2	7.7272	0.3748	0.0000	0.0000	0.0000	-0.6516
618	594	Stage DL-C: DL-C: Step 2	-155.5686	1.4779	-4.1798	0.0263	11.2656	0.9852
618	597	Stage DL-C: DL-C: Step 2	155.5686	0.9594	4.1798	-0.0263	3.4473	-0.1362
620	595	Stage DL-C: DL-C: Step 2	192.6514	0.6736	4.4425	0.0347	-10.8194	0.8471
620	598	Stage DL-C: DL-C: Step 2	-192.6514	-0.3108	-4.4425	-0.0347	-3.7554	0.7679
622	597	Stage DL-C: DL-C: Step 2	-126.1367	1.7179	-1.2391	0.0369	-2.4659	1.5362

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
622	600	Stage DL-C: DL-C: Step 2	126.1367	0.7155	1.2391	-0.0395	6.5212	0.1060
623	598	Stage DL-C: DL-C: Step 2	160.7675	0.8434	1.3543	0.0664	3.7655	1.2341
623	601	Stage DL-C: DL-C: Step 2	-160.7675	-0.4805	-1.3543	-0.0664	-6.2057	0.9376
625	600	Stage DL-C: DL-C: Step 2	-86.1612	1.8881	0.8285	0.0423	-6.5270	1.4207
625	603	Stage DL-C: DL-C: Step 2	86.1612	0.7672	-0.8285	-0.0423	3.4673	0.0540
626	601	Stage DL-C: DL-C: Step 2	125.2534	0.8755	-1.0955	0.1219	8.2148	1.2955
626	604	Stage DL-C: DL-C: Step 2	-125.2534	-0.5127	1.0955	-0.1219	-4.6206	0.9818
628	603	Stage DL-C: DL-C: Step 2	-74.0224	1.5067	2.6015	0.0817	-3.4690	1.2466
628	606	Stage DL-C: DL-C: Step 2	74.0224	0.8246	-2.6015	-0.0817	-5.0490	-0.2868
629	604	Stage DL-C: DL-C: Step 2	93.4578	0.8473	-2.9682	0.1588	4.8215	1.0071
629	607	Stage DL-C: DL-C: Step 2	-93.4578	-0.2845	2.9682	-0.1588	5.1185	0.5214
630	606	Stage DL-C: DL-C: Step 2	6.2628	0.0988	-0.1603	-0.0140	0.8181	0.1071
630	379	Stage DL-C: DL-C: Step 2	-6.4502	0.0991	0.1603	0.0140	0.3462	-0.1153
631	607	Stage DL-C: DL-C: Step 2	-5.2776	0.0948	0.2405	-0.0166	-0.9683	0.1020
631	378	Stage DL-C: DL-C: Step 2	5.4651	0.1012	-0.2403	0.0166	-0.7571	-0.1253
632	608	Stage DL-C: DL-C: Step 2	1.8653	-0.0678	0.0000	0.0000	0.0000	0.1755
632	378	Stage DL-C: DL-C: Step 2	-1.8653	-0.3246	0.0000	0.0000	0.0000	0.4968
633	607	Stage DL-C: DL-C: Step 2	-0.6269	0.0812	0.0000	0.0000	0.0000	-0.1542
633	379	Stage DL-C: DL-C: Step 2	0.6269	0.3112	0.0000	0.0000	0.0000	-0.4493
635	606	Stage DL-C: DL-C: Step 2	-45.2505	1.4767	-1.2554	0.0412	5.2554	1.0329
635	609	Stage DL-C: DL-C: Step 2	45.2505	0.9546	1.2554	-0.0412	-1.1366	-0.1733
636	607	Stage DL-C: DL-C: Step 2	60.1606	0.8237	1.1562	0.1252	-4.5310	0.7510
636	610	Stage DL-C: DL-C: Step 2	-60.1606	-0.2908	-1.1562	-0.1252	0.7377	0.7003
638	609	Stage DL-C: DL-C: Step 2	-23.6233	1.5678	-0.4360	0.0462	1.1305	1.2867
638	612	Stage DL-C: DL-C: Step 2	23.6233	0.9455	0.4360	-0.0462	0.3064	-0.0722
639	610	Stage DL-C: DL-C: Step 2	31.8675	0.7904	0.3440	0.1170	-0.7312	1.0829
639	613	Stage DL-C: DL-C: Step 2	-31.8675	-0.3979	-0.3440	-0.1170	-0.3973	0.8167
641	612	Stage DL-C: DL-C: Step 2	-1.6260	1.5365	-0.1758	0.0502	-0.3140	1.2082
641	615	Stage DL-C: DL-C: Step 2	1.6260	0.8950	0.1758	-0.0502	0.8909	-0.1531
642	613	Stage DL-C: DL-C: Step 2	3.4442	0.7002	0.0330	0.1123	0.4054	0.8670
642	616	Stage DL-C: DL-C: Step 2	-3.4442	-0.3374	-0.0330	-0.1123	-0.5137	0.7450
644	615	Stage DL-C: DL-C: Step 2	15.3366	1.2904	-0.3768	0.0529	-0.6874	1.0086
644	618	Stage DL-C: DL-C: Step 2	-15.3366	1.0428	0.3768	-0.0529	2.1336	-0.4393
645	616	Stage DL-C: DL-C: Step 2	-20.5222	0.5375	0.1874	0.1122	0.5208	0.7530

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
645	619	Stage DL-C: DL-C: Step 2	20.5222	-0.1747	-0.1874	-0.1122	-1.1358	0.4152
646	616	Stage DL-C: DL-C: Step 2	-1.9806	0.0939	-0.0408	-0.0152	0.3230	0.1094
646	391	Stage DL-C: DL-C: Step 2	1.7732	0.1034	0.0405	0.0152	0.2719	-0.1489
647	619	Stage DL-C: DL-C: Step 2	2.5236	0.1029	0.1709	-0.0139	-0.7393	0.1236
647	390	Stage DL-C: DL-C: Step 2	-2.3365	0.0931	-0.1708	0.0139	-0.5019	-0.0877
648	618	Stage DL-C: DL-C: Step 2	-0.6825	-0.2739	0.0000	0.0000	0.0000	-0.3431
648	390	Stage DL-C: DL-C: Step 2	0.6825	-0.1190	0.0000	0.0000	0.0000	-0.0824
649	619	Stage DL-C: DL-C: Step 2	3.9647	0.1998	0.0000	0.0000	0.0000	0.2058
649	391	Stage DL-C: DL-C: Step 2	-3.9647	0.1825	0.0000	0.0000	0.0000	-0.1864
651	618	Stage DL-C: DL-C: Step 2	34.2183	1.3671	1.0207	0.0480	-1.7757	0.8479
651	621	Stage DL-C: DL-C: Step 2	-34.2183	1.0722	-1.0207	-0.0480	-1.5731	-0.3741
652	619	Stage DL-C: DL-C: Step 2	-44.2846	0.4998	-1.4374	0.1305	1.8695	0.5418
652	622	Stage DL-C: DL-C: Step 2	44.2846	-0.1367	1.4374	-0.1305	3.0483	0.5019
654	621	Stage DL-C: DL-C: Step 2	48.0100	1.4304	0.3346	0.0447	1.5689	1.0135
654	624	Stage DL-C: DL-C: Step 2	-48.0100	1.0028	-0.3346	-0.0447	-2.8688	-0.3122
655	622	Stage DL-C: DL-C: Step 2	-64.1948	0.5739	-0.4902	0.1133	-3.0423	0.7360
655	625	Stage DL-C: DL-C: Step 2	64.1948	-0.2111	0.4902	-0.1133	4.8504	0.5498
657	624	Stage DL-C: DL-C: Step 2	61.7775	1.4051	-0.6509	0.0365	2.6609	0.9856
657	627	Stage DL-C: DL-C: Step 2	-61.7775	1.0282	0.6509	-0.0365	-0.5253	-0.3475
658	625	Stage DL-C: DL-C: Step 2	-83.0494	0.5241	0.8010	0.0893	-4.8442	0.6329
658	628	Stage DL-C: DL-C: Step 2	83.0494	-0.1813	-0.8010	-0.0893	2.0163	0.4617
660	627	Stage DL-C: DL-C: Step 2	72.8455	1.3203	-2.1188	0.0379	0.5166	0.8594
660	630	Stage DL-C: DL-C: Step 2	-72.8455	1.1130	2.1188	-0.0379	8.4027	-0.5195
661	628	Stage DL-C: DL-C: Step 2	98.9124	0.4181	2.4058	0.0742	-2.0084	0.4897
661	631	Stage DL-C: DL-C: Step 2	98.9124	-0.0553	-2.4058	-0.0742	-5.8846	0.2787
662	630	Stage DL-C: DL-C: Step 2	-8.0051	0.0671	-0.0308	-0.0118	0.1758	0.1069
662	403	Stage DL-C: DL-C: Step 2	7.8177	0.1088	0.0308	0.0118	3.0465	-0.1861
663	631	Stage DL-C: DL-C: Step 2	8.3699	0.0923	0.0965	-0.0101	-0.4633	0.1122
663	402	Stage DL-C: DL-C: Step 2	-8.1825	0.1037	-0.0965	0.0101	-0.2374	-0.1537
664	630	Stage DL-C: DL-C: Step 2	-5.2864	-0.3413	0.0000	0.0000	0.0000	-0.5662
664	402	Stage DL-C: DL-C: Step 2	5.2864	-0.0511	0.0000	0.0000	0.0000	-0.1725
665	631	Stage DL-C: DL-C: Step 2	8.7476	0.2979	0.0000	0.0000	0.0000	0.5184
665	403	Stage DL-C: DL-C: Step 2	-8.7476	0.0846	0.0000	0.0000	0.0000	0.0154
667	630	Stage DL-C: DL-C: Step 2	84.9834	1.2827	2.6804	0.0422	-6.2672	0.7454

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
667	633	Stage DL-C: DL-C: Step 2	-84.5834	1.1408	-2.6804	-0.0422	-2.5595	-0.4858
668	631	Stage DL-C: DL-C: Step 2	-113.4044	0.3660	-3.4101	0.1122	8.2567	0.3008
668	634	Stage DL-C: DL-C: Step 2	113.4044	-0.0032	3.4101	-0.1122	4.8091	0.2748
670	633	Stage DL-C: DL-C: Step 2	82.3595	1.3256	0.9617	-0.0338	2.5596	0.8328
670	636	Stage DL-C: DL-C: Step 2	-82.3595	1.1067	-0.9617	-0.0338	-5.8123	-0.4722
671	634	Stage DL-C: DL-C: Step 2	-124.2524	0.3637	-1.3259	0.0801	-4.8299	0.3663
671	637	Stage DL-C: DL-C: Step 2	124.2524	-0.0339	1.3259	-0.0801	9.2789	0.3654
673	636	Stage DL-C: DL-C: Step 2	99.0200	1.3007	-0.7417	0.0117	5.8096	0.7677
673	638	Stage DL-C: DL-C: Step 2	-99.0200	1.1328	0.7417	-0.0117	-3.3764	-0.6119
674	637	Stage DL-C: DL-C: Step 2	-133.3623	0.3347	0.8274	0.0307	-9.2762	0.3068
674	640	Stage DL-C: DL-C: Step 2	133.3623	0.0281	-0.8274	-0.0307	8.2538	0.1962
676	636	Stage DL-C: DL-C: Step 2	103.5476	1.2531	-2.7859	0.0020	3.3714	0.7218
676	642	Stage DL-C: DL-C: Step 2	-103.5476	1.1602	2.7859	-0.0020	9.7667	-0.6023
677	640	Stage DL-C: DL-C: Step 2	-140.1408	0.2825	3.3274	-0.0044	-8.2275	0.2282
677	643	Stage DL-C: DL-C: Step 2	140.1408	0.0803	-3.3274	0.0044	-4.8891	0.1034
678	642	Stage DL-C: DL-C: Step 2	-9.1817	0.0858	0.0146	-0.0020	-0.1567	0.1072
678	415	Stage DL-C: DL-C: Step 2	9.0043	0.1102	-0.0146	0.0020	0.0490	-0.1957
679	643	Stage DL-C: DL-C: Step 2	9.3086	0.0901	0.0343	-0.0007	-0.0879	0.1113
679	414	Stage DL-C: DL-C: Step 2	-9.1212	0.1059	-0.0343	0.0007	-0.1814	-0.1888
680	642	Stage DL-C: DL-C: Step 2	-9.9632	-0.3523	0.0000	0.0000	0.0000	-0.6360
680	414	Stage DL-C: DL-C: Step 2	9.9632	-0.0401	0.0000	0.0000	0.0000	-0.1835
681	643	Stage DL-C: DL-C: Step 2	10.0143	0.3142	0.0000	0.0000	0.0000	0.5766
681	415	Stage DL-C: DL-C: Step 2	-10.0143	0.0782	0.0000	0.0000	0.0000	0.0428
683	642	Stage DL-C: DL-C: Step 2	107.3004	1.2225	2.0810	-0.0040	-5.3928	0.6477
683	645	Stage DL-C: DL-C: Step 2	-107.3004	1.2108	-2.0810	0.0040	-1.4674	-0.6285
684	643	Stage DL-C: DL-C: Step 2	-143.8608	0.2248	-2.5560	0.0139	4.8058	0.1233
684	646	Stage DL-C: DL-C: Step 2	143.8608	0.1382	2.5560	-0.0139	3.5600	0.0185
686	645	Stage DL-C: DL-C: Step 2	107.7779	1.2158	-0.0078	0.0000	1.4688	0.6476
686	648	Stage DL-C: DL-C: Step 2	-107.7779	1.2174	0.0078	0.0000	-1.4433	-0.6002
687	646	Stage DL-C: DL-C: Step 2	-145.1690	0.1811	-0.0068	0.0000	-3.5823	0.0592
687	649	Stage DL-C: DL-C: Step 2	145.1690	0.1817	0.0068	0.0000	3.6047	-0.0061
689	648	Stage DL-C: DL-C: Step 2	106.8356	1.1963	-2.1067	0.0039	1.4418	0.6119
689	651	Stage DL-C: DL-C: Step 2	-106.8356	1.2369	2.1067	-0.0039	5.4698	-0.4795
690	649	Stage DL-C: DL-C: Step 2	-144.3558	0.1621	2.5423	-0.0135	-3.6025	0.0570

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
690	652	Stage DL-C: DL-C: Step 2	144.3558	0.2007	-2.5423	0.0135	-4.7384	-0.0704
691	651	Stage DL-C: DL-C: Step 2	-9.1829	0.0858	-0.0232	0.0006	0.1308	0.1072
691	424	Stage DL-C: DL-C: Step 2	9.0054	0.1102	0.0232	-0.0006	0.0377	-0.1958
692	652	Stage DL-C: DL-C: Step 2	9.3090	0.0901	-0.0536	0.0018	0.1134	0.1113
692	423	Stage DL-C: DL-C: Step 2	-9.1218	0.1058	0.0536	-0.0018	0.2780	-0.1888
693	651	Stage DL-C: DL-C: Step 2	-6.9749	-0.3523	0.0000	0.0000	0.0000	-0.6359
693	423	Stage DL-C: DL-C: Step 2	6.9749	-0.0402	0.0000	0.0000	0.0000	-0.1835
694	652	Stage DL-C: DL-C: Step 2	10.0079	0.3143	0.0000	0.0000	0.0000	0.5768
694	424	Stage DL-C: DL-C: Step 2	-10.0079	0.0782	0.0000	0.0000	0.0000	0.0429
696	651	Stage DL-C: DL-C: Step 2	103.8890	1.1656	2.7745	-0.0020	-5.7012	0.5713
696	654	Stage DL-C: DL-C: Step 2	-103.8890	1.2676	-2.7745	0.0020	-3.4014	-0.7366
697	652	Stage DL-C: DL-C: Step 2	-139.7736	0.1043	-3.3375	0.0045	4.7490	-0.0504
697	655	Stage DL-C: DL-C: Step 2	139.7736	0.2585	3.3375	-0.0045	9.2006	-0.2028
699	654	Stage DL-C: DL-C: Step 2	99.0060	1.1319	0.7312	-0.0118	3.4064	0.5102
699	657	Stage DL-C: DL-C: Step 2	-99.0060	1.3014	-0.7312	0.0118	-5.8053	-0.7663
700	655	Stage DL-C: DL-C: Step 2	-133.4146	0.0277	-0.9367	-0.0308	-8.2098	-0.1971
700	658	Stage DL-C: DL-C: Step 2	133.4146	0.3351	0.9367	0.0308	9.2798	-0.3072
702	657	Stage DL-C: DL-C: Step 2	82.3293	1.1060	-1.0013	-0.0339	5.8080	0.4715
702	660	Stage DL-C: DL-C: Step 2	-82.3293	1.3273	1.0013	0.0339	-2.5228	-0.8345
703	658	Stage DL-C: DL-C: Step 2	-124.2726	-0.0213	1.3173	-0.0800	-9.2825	-0.2858
703	661	Stage DL-C: DL-C: Step 2	124.2726	0.3641	-1.3173	0.0800	4.9607	-0.3992
705	660	Stage DL-C: DL-C: Step 2	84.8001	1.1260	-2.6993	-0.0422	2.5237	0.4790
705	663	Stage DL-C: DL-C: Step 2	-84.8001	1.3073	2.6993	0.0422	8.3321	-0.7764
706	661	Stage DL-C: DL-C: Step 2	-113.8245	0.0206	3.4021	-0.1121	-4.9609	-0.2482
706	664	Stage DL-C: DL-C: Step 2	113.8245	0.3420	-3.4021	0.1121	-8.2008	-0.2778
707	663	Stage DL-C: DL-C: Step 2	-8.0049	0.0871	0.0222	0.0103	-0.2010	0.1068
707	436	Stage DL-C: DL-C: Step 2	7.8174	0.1089	-0.0222	-0.0103	0.0401	-0.1862
708	664	Stage DL-C: DL-C: Step 2	8.3716	0.0923	-0.1157	0.0112	0.4689	0.1123
708	435	Stage DL-C: DL-C: Step 2	-8.1842	0.1037	0.1157	-0.0112	0.3513	-0.1337
709	663	Stage DL-C: DL-C: Step 2	-5.2906	-0.3412	0.0000	0.0000	0.0000	-0.5860
709	435	Stage DL-C: DL-C: Step 2	5.2906	-0.0312	0.0000	0.0000	0.0000	-0.1722
710	664	Stage DL-C: DL-C: Step 2	8.7512	0.2980	0.0000	0.0000	0.0000	0.5187
710	436	Stage DL-C: DL-C: Step 2	-8.7512	0.0845	0.0000	0.0000	0.0000	0.0155
712	663	Stage DL-C: DL-C: Step 2	73.1704	1.0844	2.1053	-0.0379	-6.3540	0.4885

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
712	666	Stage:DL-C: DL-C: Step 2	-73.1704	1.3348	-2.1053	0.0378	-0.9535	-0.9765
713	664	Stage:DL-C: DL-C: Step 2	-66.5687	-0.0313	-2.4175	-0.0741	5.8640	-0.2238
713	667	Stage:DL-C: DL-C: Step 2	66.5687	0.3641	2.4175	0.0741	1.9775	-0.4741
715	668	Stage:DL-C: DL-C: Step 2	81.7507	1.0275	0.6383	-0.0366	0.5599	0.3457
715	669	Stage:DL-C: DL-C: Step 2	-81.7507	1.4058	-0.6383	0.0366	-2.6573	-0.9863
716	667	Stage:DL-C: DL-C: Step 2	-83.1055	-0.1618	-0.8114	-0.0893	-1.8694	-0.4925
716	670	Stage:DL-C: DL-C: Step 2	83.1055	0.5245	0.8114	0.0893	4.6473	-0.8330
718	669	Stage:DL-C: DL-C: Step 2	47.9669	1.0021	-0.3446	-0.0446	2.8831	0.3115
718	672	Stage:DL-C: DL-C: Step 2	-47.9669	1.4311	0.3446	0.0446	-1.5337	-1.0153
719	670	Stage:DL-C: DL-C: Step 2	-84.2392	-0.2118	0.4811	-0.1132	-4.8535	-0.5503
719	673	Stage:DL-C: DL-C: Step 2	84.2392	0.5743	-0.4811	0.1132	3.0751	-0.7366
721	672	Stage:DL-C: DL-C: Step 2	33.6227	1.0578	-1.0290	-0.0460	1.5369	0.3672
721	675	Stage:DL-C: DL-C: Step 2	-33.6227	1.3757	1.0290	0.0460	1.8262	-0.8791
722	673	Stage:DL-C: DL-C: Step 2	-44.7307	-0.1127	1.4298	-0.1304	-3.0791	-0.4761
722	676	Stage:DL-C: DL-C: Step 2	44.7307	0.4788	-1.4298	0.1304	-1.8112	-0.4898
723	675	Stage:DL-C: DL-C: Step 2	-1.9577	0.0825	0.0321	0.0139	-0.3478	0.1093
723	448	Stage:DL-C: DL-C: Step 2	1.7703	0.1034	-0.0321	-0.0139	0.0148	-0.1469
724	676	Stage:DL-C: DL-C: Step 2	2.5242	0.1029	-0.1902	0.0150	0.7649	0.1236
724	447	Stage:DL-C: DL-C: Step 2	-2.3368	0.0930	0.1902	-0.0150	0.8166	-0.0877
725	675	Stage:DL-C: DL-C: Step 2	-0.8521	-0.2730	0.0000	0.0000	0.0000	-0.3429
725	447	Stage:DL-C: DL-C: Step 2	0.8521	-0.1191	0.0000	0.0000	0.0000	-0.0620
726	676	Stage:DL-C: DL-C: Step 2	3.9581	0.2000	0.0000	0.0000	0.0000	0.2061
726	446	Stage:DL-C: DL-C: Step 2	-3.9581	0.1924	0.0000	0.0000	0.0000	-0.1861
728	675	Stage:DL-C: DL-C: Step 2	15.8618	1.0281	-0.3618	-0.0529	-2.0529	0.4081
728	676	Stage:DL-C: DL-C: Step 2	-15.8618	1.4052	-0.3618	0.0529	0.8659	-1.0266
729	676	Stage:DL-C: DL-C: Step 2	-20.2054	-0.1506	-0.1998	-0.1122	1.2052	-0.3620
729	679	Stage:DL-C: DL-C: Step 2	20.2054	0.5134	0.1998	0.1122	-0.5503	-0.7272
731	679	Stage:DL-C: DL-C: Step 2	-1.6466	0.9941	0.1848	-0.0503	-0.8586	0.1510
731	681	Stage:DL-C: DL-C: Step 2	1.6466	1.5392	-0.1848	0.0503	0.3189	-1.2080
732	679	Stage:DL-C: DL-C: Step 2	3.3562	-0.3377	-0.0431	-0.1123	0.8432	-0.7467
732	682	Stage:DL-C: DL-C: Step 2	-3.3562	0.7005	0.0431	0.1123	-0.4017	-0.9574
734	681	Stage:DL-C: DL-C: Step 2	-23.6665	0.8445	0.4284	-0.0462	-0.3113	0.0710
734	684	Stage:DL-C: DL-C: Step 2	23.6665	1.5868	-0.4284	0.0462	-1.0941	-1.2920
735	682	Stage:DL-C: DL-C: Step 2	31.5929	-0.3980	-0.3521	-0.1189	0.3636	-0.8172

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
735	665	Stage:DL-C: DL-C: Step 2	-31.5929	0.7608	0.3521	0.1189	0.7618	-1.0838
737	664	Stage:DL-C: DL-C: Step 2	-45.8574	0.8396	1.3472	-0.0412	1.1002	0.1558
737	667	Stage:DL-C: DL-C: Step 2	45.8574	1.4836	-1.3472	0.0412	-5.1621	-1.0646
738	665	Stage:DL-C: DL-C: Step 2	59.7039	-0.2367	-1.1624	-0.1251	-0.7662	-0.6743
738	668	Stage:DL-C: DL-C: Step 2	-59.7039	0.5996	1.1624	0.1251	4.5817	-0.6975
739	667	Stage:DL-C: DL-C: Step 2	6.2673	0.0968	0.1522	0.0126	-0.8455	0.1069
739	460	Stage:DL-C: DL-C: Step 2	-6.4546	0.0992	-0.1522	-0.0126	-0.3600	-0.1184
740	668	Stage:DL-C: DL-C: Step 2	-5.2769	0.0948	-0.2597	0.0177	1.5139	0.1021
740	459	Stage:DL-C: DL-C: Step 2	5.4664	0.1012	0.2597	-0.0177	0.8734	-0.1252
741	667	Stage:DL-C: DL-C: Step 2	1.8695	-0.0675	0.0000	0.0000	0.0000	0.1764
741	459	Stage:DL-C: DL-C: Step 2	-1.8695	-0.3248	0.0000	0.0000	0.0000	0.4991
742	668	Stage:DL-C: DL-C: Step 2	-0.8360	0.0814	0.0000	0.0000	0.0000	-0.1537
742	460	Stage:DL-C: DL-C: Step 2	0.8360	0.3110	0.0000	0.0000	0.0000	-0.4469
744	667	Stage:DL-C: DL-C: Step 2	-73.7194	0.9096	-2.8182	-0.0518	5.1278	0.2568
744	690	Stage:DL-C: DL-C: Step 2	73.7194	1.5237	2.8182	0.0518	3.4654	-1.2843
745	668	Stage:DL-C: DL-C: Step 2	93.7502	-0.2803	2.8529	-0.1587	-0.0365	-0.4679
745	691	Stage:DL-C: DL-C: Step 2	-93.7502	0.6231	-2.8529	0.1587	-4.8494	-0.8812
747	690	Stage:DL-C: DL-C: Step 2	-98.2366	0.7660	-0.9386	-0.0424	-0.4537	-0.0565
747	693	Stage:DL-C: DL-C: Step 2	98.2366	1.6673	0.9386	0.0424	6.5332	-1.4220
748	691	Stage:DL-C: DL-C: Step 2	125.1412	-0.5131	1.0830	-0.1219	4.9486	-0.8828
748	694	Stage:DL-C: DL-C: Step 2	-125.1412	0.8759	-1.0830	0.1219	-6.2016	-1.2859
750	693	Stage:DL-C: DL-C: Step 2	-126.2135	0.7142	1.2298	-0.0366	-6.5274	-0.1095
750	696	Stage:DL-C: DL-C: Step 2	126.2135	1.7191	-1.2298	0.0366	2.4638	-1.5368
751	694	Stage:DL-C: DL-C: Step 2	160.8685	-0.4811	-1.3642	-0.0863	8.1854	-0.9381
751	697	Stage:DL-C: DL-C: Step 2	-160.8685	0.8439	1.3642	0.0863	-3.7189	-1.2353
753	696	Stage:DL-C: DL-C: Step 2	-156.0122	0.8403	4.1728	-0.0263	-2.4641	0.1204
753	699	Stage:DL-C: DL-C: Step 2	156.0122	1.4930	-4.1728	0.0263	-11.2060	-1.0270
754	697	Stage:DL-C: DL-C: Step 2	192.1129	-0.2840	-4.4496	-0.0346	3.7099	-0.7391
754	700	Stage:DL-C: DL-C: Step 2	-192.1129	0.8468	4.4496	0.0346	10.5884	-0.7878
755	699	Stage:DL-C: DL-C: Step 2	23.6348	0.0231	-0.0396	0.0085	0.0677	-0.1394
755	472	Stage:DL-C: DL-C: Step 2	-24.1235	0.1728	0.0396	-0.0085	0.2199	-0.4047
756	700	Stage:DL-C: DL-C: Step 2	2.2396	0.1884	-0.0844	0.0105	0.2894	0.4630
756	471	Stage:DL-C: DL-C: Step 2	-2.0523	0.0068	0.0844	-0.0105	0.3238	0.2008
757	699	Stage:DL-C: DL-C: Step 2	-7.4218	-0.0173	0.0000	0.0000	0.0000	0.2366

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
757	471	Stage DL-C: DL-C: Step 2	7.4218	-0.3751	0.0000	0.0000	0.0000	0.7028
758	700	Stage DL-C: DL-C: Step 2	-7.7309	0.0179	0.0000	0.0000	0.0000	-0.0845
758	472	Stage DL-C: DL-C: Step 2	7.7309	0.3746	0.0000	0.0000	0.0000	-0.8514
760	699	Stage DL-C: DL-C: Step 2	-158.3177	1.4110	-4.2631	0.0325	11.0733	0.9668
760	702	Stage DL-C: DL-C: Step 2	158.3177	1.0223	4.2631	0.0325	2.9132	-0.2589
761	700	Stage DL-C: DL-C: Step 2	186.1342	0.5948	4.6968	-0.1239	-11.0982	0.7475
761	703	Stage DL-C: DL-C: Step 2	-186.1342	-0.2319	-4.6968	0.1239	-4.3110	0.6088
763	702	Stage DL-C: DL-C: Step 2	-133.8278	1.6317	-1.2646	-0.0250	-2.9136	1.3865
763	705	Stage DL-C: DL-C: Step 2	133.8278	0.6019	1.2646	0.0250	7.0634	-0.0347
764	703	Stage DL-C: DL-C: Step 2	170.1158	0.7172	1.5056	-0.0845	4.3128	1.0281
764	706	Stage DL-C: DL-C: Step 2	-170.1158	-0.3543	-1.5056	0.0845	-9.2530	0.7296
766	705	Stage DL-C: DL-C: Step 2	-110.8655	1.5788	1.0697	-0.0217	-7.0602	1.2809
766	708	Stage DL-C: DL-C: Step 2	110.8655	0.8540	-1.0697	0.0217	3.4650	-0.0827
767	706	Stage DL-C: DL-C: Step 2	141.0895	0.7468	-1.1574	-0.0222	9.2495	1.0570
767	709	Stage DL-C: DL-C: Step 2	-141.0895	-0.3659	1.1574	0.0222	-5.4523	0.7944
768	708	Stage DL-C: DL-C: Step 2	-91.7417	1.4377	3.1182	-0.0060	-3.4780	1.1242
768	711	Stage DL-C: DL-C: Step 2	91.7417	0.9856	-3.1182	0.0060	-6.7521	-0.3960
770	709	Stage DL-C: DL-C: Step 2	115.0775	0.5741	-3.3568	0.0171	5.4439	0.8638
770	712	Stage DL-C: DL-C: Step 2	-115.0775	-0.2113	3.3568	-0.0171	5.3693	0.4245
771	711	Stage DL-C: DL-C: Step 2	7.9842	0.0998	-0.2150	0.0028	0.9059	0.1098
771	484	Stage DL-C: DL-C: Step 2	-8.1718	0.0973	0.2150	-0.0028	0.8941	-0.1050
772	712	Stage DL-C: DL-C: Step 2	-8.8468	0.0954	0.1041	0.0022	-0.4990	0.0998
772	483	Stage DL-C: DL-C: Step 2	7.0343	0.1006	-0.1041	-0.0022	-0.2702	-0.1158
773	711	Stage DL-C: DL-C: Step 2	4.4425	-0.0397	0.0000	0.0000	0.0000	0.2573
773	483	Stage DL-C: DL-C: Step 2	-4.4425	-0.3528	0.0000	0.0000	0.0000	0.5844
774	712	Stage DL-C: DL-C: Step 2	-3.1694	0.0503	0.0000	0.0000	0.0000	-0.2366
774	484	Stage DL-C: DL-C: Step 2	3.1694	0.3371	0.0000	0.0000	0.0000	-0.5029
776	711	Stage DL-C: DL-C: Step 2	-68.2832	1.4074	-1.9651	-0.0085	6.8421	0.9303
776	714	Stage DL-C: DL-C: Step 2	68.2832	1.0259	1.9651	0.0085	-0.1949	-0.3049
777	713	Stage DL-C: DL-C: Step 2	68.3554	0.5464	2.0618	-0.0293	-5.4277	0.8890
777	715	Stage DL-C: DL-C: Step 2	-68.3554	-0.1836	-2.0618	0.0293	-1.3367	0.5288
778	714	Stage DL-C: DL-C: Step 2	-51.6991	1.5108	-0.6910	-0.0037	0.1944	1.1627
778	717	Stage DL-C: DL-C: Step 2	51.6991	0.9235	0.6910	0.0037	2.0728	-0.1978
780	715	Stage DL-C: DL-C: Step 2	66.8863	0.6244	0.7067	-0.0203	1.3377	0.6721

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
780	718	Stage DL-C: DL-C: Step 2	-66.8863	-0.2615	-0.7067	0.0203	-3.8561	0.5811
782	717	Stage DL-C: DL-C: Step 2	-34.8758	1.4836	0.1294	-0.0024	-2.0729	1.1308
782	720	Stage DL-C: DL-C: Step 2	34.8758	0.9387	-0.1294	0.0024	1.8482	-0.2222
783	718	Stage DL-C: DL-C: Step 2	45.5815	0.5781	-0.2596	-0.0015	3.8584	0.7665
783	721	Stage DL-C: DL-C: Step 2	-45.5815	-0.2153	0.2596	0.0015	-2.9047	0.5330
785	720	Stage DL-C: DL-C: Step 2	-21.4268	1.3755	0.6259	0.0015	-1.8484	0.9686
785	723	Stage DL-C: DL-C: Step 2	21.4268	1.0578	-0.6259	-0.0015	-0.4071	-0.4675
786	721	Stage DL-C: DL-C: Step 2	26.8941	0.4653	-0.6815	0.0140	2.8024	0.6315
786	724	Stage DL-C: DL-C: Step 2	-26.8941	-0.1024	0.6815	-0.0140	0.0695	0.2998
787	723	Stage DL-C: DL-C: Step 2	1.3283	0.0980	-0.1321	-0.0011	0.5058	0.1139
787	496	Stage DL-C: DL-C: Step 2	-1.5157	0.0980	0.1321	0.0011	0.4039	-0.1137
788	724	Stage DL-C: DL-C: Step 2	-0.7991	0.0915	0.0779	-0.0012	-0.3498	0.0885
788	495	Stage DL-C: DL-C: Step 2	0.9496	0.1045	-0.0779	0.0012	-0.2157	-0.1306
789	723	Stage DL-C: DL-C: Step 2	3.6154	-0.1604	0.0000	0.0000	0.0000	-0.0682
789	495	Stage DL-C: DL-C: Step 2	-3.6154	-0.2320	0.0000	0.0000	0.0000	0.2981
790	724	Stage DL-C: DL-C: Step 2	-1.3982	0.1627	0.0000	0.0000	0.0000	0.0617
790	496	Stage DL-C: DL-C: Step 2	1.3982	0.2297	0.0000	0.0000	0.0000	-0.2376
792	723	Stage DL-C: DL-C: Step 2	-5.2822	1.3410	0.0034	0.0045	0.4606	0.8299
792	726	Stage DL-C: DL-C: Step 2	5.2822	1.0923	-0.0034	-0.0045	-0.4687	-0.4217
793	724	Stage DL-C: DL-C: Step 2	9.5774	0.4240	0.0256	0.0239	0.0647	0.4617
793	727	Stage DL-C: DL-C: Step 2	-9.5774	-0.0612	-0.0256	-0.0239	-0.1467	0.3342
795	726	Stage DL-C: DL-C: Step 2	5.2082	1.3668	0.0044	0.0063	0.4683	0.8707
795	729	Stage DL-C: DL-C: Step 2	-5.2082	1.0345	-0.0044	-0.0063	-0.5027	-0.3732
796	727	Stage DL-C: DL-C: Step 2	-4.9468	0.4627	-0.0194	0.0209	0.1490	0.5741
796	730	Stage DL-C: DL-C: Step 2	4.9468	-0.0999	0.0194	-0.0209	-0.0854	0.3467
798	729	Stage DL-C: DL-C: Step 2	15.4268	1.3604	-0.2359	0.0069	0.5017	0.9153
798	732	Stage DL-C: DL-C: Step 2	-15.4268	1.0679	0.2359	-0.0069	0.2724	-0.4273
799	730	Stage DL-C: DL-C: Step 2	-16.0254	0.4091	0.1758	0.0167	0.0865	0.4740
799	733	Stage DL-C: DL-C: Step 2	16.0254	-0.0483	-0.1758	-0.0167	-0.8637	0.2731
801	732	Stage DL-C: DL-C: Step 2	21.7852	1.2774	-0.6132	0.0137	-0.2739	0.7968
801	735	Stage DL-C: DL-C: Step 2	-21.7852	1.1558	0.6132	-0.0137	2.2857	-0.5973
802	733	Stage DL-C: DL-C: Step 2	-28.4232	0.3450	0.5789	0.0143	0.8644	0.3783
802	736	Stage DL-C: DL-C: Step 2	28.4232	0.0178	-0.5789	-0.0143	-2.9572	0.1564
803	735	Stage DL-C: DL-C: Step 2	-2.6097	0.0920	-0.0403	-0.0045	0.1298	0.1107

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
803	509	Stage DL-C: DL-C: Step 2	2.8223	0.1040	0.0403	0.0045	0.1832	-0.1844
804	736	Stage DL-C: DL-C: Step 2	3.1779	0.1054	0.0227	-0.0020	-0.1888	0.1359
804	507	Stage DL-C: DL-C: Step 2	-2.9804	0.0900	-0.0227	0.0020	0.0821	-0.0817
805	735	Stage DL-C: DL-C: Step 2	-0.0470	-0.2904	0.0000	0.0000	0.0000	-0.3925
805	507	Stage DL-C: DL-C: Step 2	0.0470	-0.1021	0.0000	0.0000	0.0000	-0.1018
806	736	Stage DL-C: DL-C: Step 2	2.7061	0.2196	0.0000	0.0000	0.0000	0.2709
806	506	Stage DL-C: DL-C: Step 2	-2.7061	0.1728	0.0000	0.0000	0.0000	-0.1480
808	735	Stage DL-C: DL-C: Step 2	28.5146	1.2405	0.8671	0.0119	-2.1286	0.6803
808	738	Stage DL-C: DL-C: Step 2	-28.5146	1.1827	-0.8671	-0.0119	-0.8165	-0.6019
809	736	Stage DL-C: DL-C: Step 2	-35.4084	0.2867	-1.0892	0.0436	2.7879	0.2828
809	739	Stage DL-C: DL-C: Step 2	35.4084	0.3741	1.0892	-0.0436	0.6671	0.0894
811	738	Stage DL-C: DL-C: Step 2	31.3414	1.2602	0.2938	0.0130	0.8139	0.7360
811	741	Stage DL-C: DL-C: Step 2	-31.3414	1.1731	-0.2938	-0.0130	-1.7799	-0.6930
812	739	Stage DL-C: DL-C: Step 2	-40.4152	0.2581	-0.3940	0.0345	-0.6868	0.2215
812	742	Stage DL-C: DL-C: Step 2	40.4152	0.1048	0.3940	-0.0345	1.9795	0.0300
814	741	Stage DL-C: DL-C: Step 2	33.2356	1.2354	-0.3215	0.0092	1.7784	0.6852
814	744	Stage DL-C: DL-C: Step 2	-33.2356	1.1879	0.3215	-0.0092	-0.7235	-0.6337
815	742	Stage DL-C: DL-C: Step 2	-43.0947	0.2065	0.3342	0.0203	-1.9779	0.1360
815	745	Stage DL-C: DL-C: Step 2	43.0947	0.1534	-0.3342	-0.0203	0.8816	-0.0460
817	744	Stage DL-C: DL-C: Step 2	33.1413	1.1954	-1.0550	0.0103	0.7211	0.6374
817	747	Stage DL-C: DL-C: Step 2	-33.1413	1.2379	1.0550	-0.0103	2.7402	-0.7070
818	745	Stage DL-C: DL-C: Step 2	-43.9547	0.1964	1.0918	0.0107	-0.6787	0.1004
818	748	Stage DL-C: DL-C: Step 2	43.9547	0.1964	-1.0918	-0.0107	-2.7038	-0.0511
819	747	Stage DL-C: DL-C: Step 2	-5.8047	0.0934	0.0239	-0.0054	-0.1785	0.1358
819	520	Stage DL-C: DL-C: Step 2	5.4173	0.1026	-0.0239	0.0054	0.0120	-0.1890
820	748	Stage DL-C: DL-C: Step 2	6.2052	0.1020	-0.0267	-0.0027	0.0719	0.1530
820	519	Stage DL-C: DL-C: Step 2	-6.0679	0.0940	0.0267	0.0027	0.1228	-0.1239
821	747	Stage DL-C: DL-C: Step 2	-3.2211	-0.3335	0.0000	0.0000	0.0000	-0.5851
821	516	Stage DL-C: DL-C: Step 2	3.2211	-0.0588	0.0000	0.0000	0.0000	-0.1359
822	748	Stage DL-C: DL-C: Step 2	5.8212	0.2818	0.0000	0.0000	0.0000	0.4911
822	520	Stage DL-C: DL-C: Step 2	-5.8212	0.1106	0.0000	0.0000	0.0000	-0.0417
824	747	Stage DL-C: DL-C: Step 2	30.4120	1.1378	0.8090	0.0092	-2.4673	0.5425
824	750	Stage DL-C: DL-C: Step 2	-30.4120	1.2957	-0.8090	-0.0092	-0.2855	-0.8014
825	748	Stage DL-C: DL-C: Step 2	-36.7417	0.0865	-0.8656	0.0378	2.8643	-0.0045

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
825	751	Stage DL-C: DL-C: Step 2	36.7417	0.3635	0.8656	-0.0378	0.3392	-0.2949
827	750	Stage DL-C: DL-C: Step 2	23.7797	1.1070	0.2760	0.0119	0.2947	0.4828
827	753	Stage DL-C: DL-C: Step 2	-23.7797	1.3263	-0.2760	-0.0119	-1.1902	-0.8428
828	751	Stage DL-C: DL-C: Step 2	-30.8645	-0.0144	-0.3675	0.0307	-0.3387	-0.2235
828	754	Stage DL-C: DL-C: Step 2	30.8645	0.3772	0.3675	-0.0307	1.5445	-0.4190
830	753	Stage DL-C: DL-C: Step 2	15.4225	1.0663	-0.1051	0.0082	1.1889	0.4312
830	756	Stage DL-C: DL-C: Step 2	-15.4225	1.3670	0.1051	-0.0082	-0.8442	-0.8046
831	754	Stage DL-C: DL-C: Step 2	-20.1118	-0.0356	0.0794	0.0187	-1.5432	-0.2829
831	757	Stage DL-C: DL-C: Step 2	20.1118	0.2998	-0.0794	-0.0187	1.2828	-0.4496
833	756	Stage DL-C: DL-C: Step 2	5.0272	1.1020	-0.3610	0.0089	0.8420	0.4475
833	759	Stage DL-C: DL-C: Step 2	-5.0272	1.3313	0.3610	-0.0089	0.3425	-0.8236
834	757	Stage DL-C: DL-C: Step 2	-9.5030	0.0096	0.3204	0.0110	-1.2803	-0.2152
834	760	Stage DL-C: DL-C: Step 2	9.5030	0.3342	-0.3204	-0.0110	0.2290	-0.2861
835	759	Stage DL-C: DL-C: Step 2	4.0438	0.0599	-0.1582	-0.0107	0.1580	-0.0121
835	532	Stage DL-C: DL-C: Step 2	-4.2313	0.1361	0.1582	0.0107	0.8609	-0.2847
836	760	Stage DL-C: DL-C: Step 2	6.1733	0.1328	-0.0008	-0.0008	0.0714	0.2571
836	831	Stage DL-C: DL-C: Step 2	-5.9859	0.0631	0.0056	0.0008	-0.0304	-0.0057
837	759	Stage DL-C: DL-C: Step 2	-4.9668	-0.2452	0.0000	0.0000	0.0000	-0.3284
837	531	Stage DL-C: DL-C: Step 2	4.9668	-0.1473	0.0000	0.0000	0.0000	0.0715
838	760	Stage DL-C: DL-C: Step 2	-2.1953	0.1720	0.0000	0.0000	0.0000	0.1336
838	532	Stage DL-C: DL-C: Step 2	2.1953	0.2204	0.0000	0.0000	0.0000	-0.2805
840	762	Stage DL-C: DL-C: Step 2	4.9014	0.0652	-0.0778	0.0014	0.3176	0.0118
840	535	Stage DL-C: DL-C: Step 2	-5.0669	0.1308	0.0778	-0.0014	0.3472	-0.2500
841	763	Stage DL-C: DL-C: Step 2	4.8149	0.1307	-0.1930	-0.0083	0.9330	0.2483
841	534	Stage DL-C: DL-C: Step 2	-4.6275	0.0653	0.1930	0.0083	0.4688	-0.0098
842	763	Stage DL-C: DL-C: Step 2	-5.3531	-0.1841	0.0000	0.0000	0.0000	-0.1282
842	534	Stage DL-C: DL-C: Step 2	5.3531	-0.2284	0.0000	0.0000	0.0000	0.2950
843	763	Stage DL-C: DL-C: Step 2	-1.8177	0.2229	0.0000	0.0000	0.0000	0.2811
843	535	Stage DL-C: DL-C: Step 2	1.8177	0.1686	0.0000	0.0000	0.0000	-0.1310
845	762	Stage DL-C: DL-C: Step 2	8.0493	1.3748	0.6034	-0.0070	-0.8283	0.8512
845	765	Stage DL-C: DL-C: Step 2	-8.0493	1.1161	-0.6034	0.0070	-1.0899	-0.4171
848	763	Stage DL-C: DL-C: Step 2	-17.3111	4.5668	-0.5674	-0.0262	0.0849	2.4675
848	766	Stage DL-C: DL-C: Step 2	17.3111	4.4657	0.5674	0.0262	1.8104	-2.2471
848	765	Stage DL-C: DL-C: Step 2	20.8630	1.4089	0.1528	-0.0066	1.1036	1.0163

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (Kips)	Force Y (Kips)	Force Z (Kips)	Moment X (Kips-ft)	Moment Y (Kips-ft)	Moment Z (Kips-ft)
848	768	Stage DL-C: DL-C: Step 2	-20.6630	1.0817	-0.1528	0.0006	-1.6168	-0.4969
849	766	Stage DL-C: DL-C: Step 2	-26.2928	4.7444	-0.1687	-0.0183	-1.8146	2.8290
849	768	Stage DL-C: DL-C: Step 2	26.2928	4.3102	0.1687	0.0183	2.3611	-2.1998
851	768	Stage DL-C: DL-C: Step 2	27.8613	1.5217	-0.2951	-0.0122	1.8174	0.8124
851	771	Stage DL-C: DL-C: Step 2	-27.8613	1.1689	0.2951	0.0122	-0.6252	-0.5557
852	769	Stage DL-C: DL-C: Step 2	-43.5537	5.0412	0.4539	-0.0162	-2.3816	3.1691
852	772	Stage DL-C: DL-C: Step 2	43.5537	4.0134	-0.4539	0.0162	0.8574	-1.4424
854	771	Stage DL-C: DL-C: Step 2	32.8183	1.2863	-1.0246	-0.0095	0.6251	0.7832
854	774	Stage DL-C: DL-C: Step 2	-32.8183	1.2543	1.0246	0.0095	2.8152	-0.6455
855	772	Stage DL-C: DL-C: Step 2	-38.1745	0.8239	1.1918	-0.0171	-0.8557	1.0667
855	775	Stage DL-C: DL-C: Step 2	38.1745	-0.2466	-1.1918	0.0171	-3.1483	0.3646
856	774	Stage DL-C: DL-C: Step 2	-0.3824	0.0679	-0.0228	0.0027	0.0560	0.1093
856	547	Stage DL-C: DL-C: Step 2	0.1950	0.1091	0.0228	-0.0027	0.1098	-0.1624
857	775	Stage DL-C: DL-C: Step 2	1.0804	0.0948	-0.0168	0.0023	0.0902	0.1483
857	546	Stage DL-C: DL-C: Step 2	-0.8829	0.1011	0.0168	-0.0023	0.0320	-0.1705
858	774	Stage DL-C: DL-C: Step 2	-4.8181	-0.1564	0.0000	0.0000	0.0000	-0.1439
858	548	Stage DL-C: DL-C: Step 2	4.8181	-0.2360	0.0000	0.0000	0.0000	0.3529
859	775	Stage DL-C: DL-C: Step 2	7.1171	0.2088	0.0000	0.0000	0.0000	0.3181
859	547	Stage DL-C: DL-C: Step 2	-7.1171	0.1635	0.0000	0.0000	0.0000	-0.2493
861	774	Stage DL-C: DL-C: Step 2	31.8429	1.2298	1.0495	-0.0161	-2.8389	0.8674
861	777	Stage DL-C: DL-C: Step 2	-31.8429	1.2608	-1.0495	0.0161	-0.5835	-0.7165
862	775	Stage DL-C: DL-C: Step 2	-43.5662	0.1541	-1.1186	-0.0138	3.1020	0.0409
862	778	Stage DL-C: DL-C: Step 2	43.5662	0.2173	1.1186	0.0138	0.8542	-0.1468
864	777	Stage DL-C: DL-C: Step 2	29.8702	1.2108	0.2853	-0.0106	0.5650	0.6369
864	780	Stage DL-C: DL-C: Step 2	-29.8702	1.2799	-0.2853	0.0106	-1.5431	-0.7549
865	778	Stage DL-C: DL-C: Step 2	-41.1050	0.1233	-0.3668	-0.0205	-0.8581	-0.0094
865	781	Stage DL-C: DL-C: Step 2	41.1050	0.2481	0.3668	0.0205	1.8857	-0.2003
867	780	Stage DL-C: DL-C: Step 2	28.6218	1.1848	-0.2052	-0.0115	1.5447	0.5964
867	783	Stage DL-C: DL-C: Step 2	-28.6218	1.3056	0.2052	0.0115	-0.9506	-0.7985
868	781	Stage DL-C: DL-C: Step 2	-36.8129	0.0640	0.3190	-0.0345	-1.8974	-0.0691
868	784	Stage DL-C: DL-C: Step 2	36.8129	0.2874	-0.3190	0.0345	0.8260	-0.2723
870	783	Stage DL-C: DL-C: Step 2	22.7342	1.1850	-0.8831	-0.0100	0.8562	0.5839
870	786	Stage DL-C: DL-C: Step 2	-22.7342	1.2956	0.8831	0.0100	2.0423	-0.7829
871	784	Stage DL-C: DL-C: Step 2	-31.1610	0.0955	0.9200	-0.0439	-0.8291	-0.0793

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (Kips)	Force Y (Kips)	Force Z (Kips)	Moment X (Kips-ft)	Moment Y (Kips-ft)	Moment Z (Kips-ft)
871	787	Stage DL-C: DL-C: Step 2	31.1610	0.2759	-0.9200	0.0439	-2.2633	-0.2236
872	786	Stage DL-C: DL-C: Step 2	-2.0010	0.0857	0.0275	0.0036	-0.1316	0.0895
872	559	Stage DL-C: DL-C: Step 2	1.8136	0.1103	-0.0275	-0.0036	-0.0660	-0.1590
873	787	Stage DL-C: DL-C: Step 2	2.5650	0.1003	-0.0600	0.0035	0.2561	0.1463
873	559	Stage DL-C: DL-C: Step 2	-2.3778	0.0957	0.0600	-0.0035	0.1799	-0.1287
874	786	Stage DL-C: DL-C: Step 2	-0.7704	-0.1808	0.0000	0.0000	0.0000	-0.1182
874	559	Stage DL-C: DL-C: Step 2	0.7704	-0.2119	0.0000	0.0000	0.0000	0.1991
875	787	Stage DL-C: DL-C: Step 2	3.7462	0.2566	0.0000	0.0000	0.0000	0.3845
875	559	Stage DL-C: DL-C: Step 2	-3.7462	0.1356	0.0000	0.0000	0.0000	-0.0675
877	786	Stage DL-C: DL-C: Step 2	14.2748	1.1593	0.5468	-0.0198	-2.1141	0.5797
877	789	Stage DL-C: DL-C: Step 2	-14.2748	1.3213	-0.5468	0.0198	0.2778	-0.8885
878	787	Stage DL-C: DL-C: Step 2	-20.7564	0.0225	-0.4008	-0.0202	3.2057	-0.1375
878	790	Stage DL-C: DL-C: Step 2	20.7564	0.3488	0.4008	0.0202	-0.8588	-0.4207
880	789	Stage DL-C: DL-C: Step 2	4.7921	1.0739	0.2120	0.0140	-0.2760	0.4255
880	792	Stage DL-C: DL-C: Step 2	-4.7921	1.4148	-0.2120	-0.0140	-0.4340	-0.8945
881	790	Stage DL-C: DL-C: Step 2	-8.4525	-0.0964	-0.1342	-0.0298	0.8597	-0.3491
881	793	Stage DL-C: DL-C: Step 2	8.4525	0.4579	0.1342	0.0298	-0.4091	-0.5646
883	792	Stage DL-C: DL-C: Step 2	-7.1521	1.0361	0.0867	-0.0028	0.4026	0.3537
883	795	Stage DL-C: DL-C: Step 2	7.1521	1.4548	-0.0867	0.0028	-0.7240	-1.0564
884	793	Stage DL-C: DL-C: Step 2	7.2109	-0.1399	-0.1051	-0.0225	0.4111	-0.4210
884	796	Stage DL-C: DL-C: Step 2	-7.2109	0.5113	0.1051	0.0225	-0.2583	-0.6724
886	795	Stage DL-C: DL-C: Step 2	-20.0551	1.0902	0.2091	-0.0224	0.7256	0.4622
886	798	Stage DL-C: DL-C: Step 2	20.0551	1.4004	-0.2091	0.0224	-1.4279	-0.8230
887	796	Stage DL-C: DL-C: Step 2	23.5022	-0.0447	-0.3571	-0.0134	0.0994	-0.3462
887	799	Stage DL-C: DL-C: Step 2	-23.5022	0.4161	0.3571	0.0134	1.1426	-0.4274
888	798	Stage DL-C: DL-C: Step 2	0.5888	0.1067	0.1347	0.0006	-0.6318	0.1488
888	571	Stage DL-C: DL-C: Step 2	-0.7873	0.0893	-0.1347	-0.0006	-0.3488	-0.0863
889	799	Stage DL-C: DL-C: Step 2	0.2988	0.1035	-0.1319	0.0034	0.4702	0.1302
889	570	Stage DL-C: DL-C: Step 2	-0.0894	0.0925	0.1319	-0.0034	0.4676	-0.0903
890	798	Stage DL-C: DL-C: Step 2	3.8744	-0.2306	0.0000	0.0000	0.0000	-0.2511
890	570	Stage DL-C: DL-C: Step 2	-3.9744	-0.1619	0.0000	0.0000	0.0000	0.0705
891	799	Stage DL-C: DL-C: Step 2	-1.4154	0.2079	0.0000	0.0000	0.0000	0.1872
891	571	Stage DL-C: DL-C: Step 2	1.4154	0.1849	0.0000	0.0000	0.0000	-0.1278
893	798	Stage DL-C: DL-C: Step 2	-38.8139	1.0390	-1.0451	0.0193	1.4733	0.4228

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
893	801	Stage DL-C: DL-C: Step 2	38.9139	1.4518	1.0451	-0.0193	3.0362	-1.1158
894	799	Stage DL-C: DL-C: Step 2	46.3975	-0.1185	1.3028	-0.0498	-1.0477	-0.2820
894	802	Stage DL-C: DL-C: Step 2	-46.3975	0.4679	-1.3028	0.0498	-3.3267	-0.7328
896	801	Stage DL-C: DL-C: Step 2	-56.8368	0.8159	-0.3165	0.0128	-2.0407	0.1575
896	804	Stage DL-C: DL-C: Step 2	56.8368	1.5747	0.3165	-0.0128	3.1037	-1.2836
897	802	Stage DL-C: DL-C: Step 2	69.2031	-0.3053	0.3460	-0.0153	3.3328	-0.8944
897	805	Stage DL-C: DL-C: Step 2	-69.2031	0.8767	-0.3460	0.0153	-4.4046	-0.9545
899	804	Stage DL-C: DL-C: Step 2	-77.8790	0.9038	0.7050	-0.0065	-3.1038	0.1439
899	807	Stage DL-C: DL-C: Step 2	77.8790	1.5868	-0.7050	0.0065	0.7359	-1.2905
900	805	Stage DL-C: DL-C: Step 2	96.0717	-0.3525	-1.0391	0.0320	4.4945	-0.7381
900	808	Stage DL-C: DL-C: Step 2	-96.0717	0.7239	1.0391	-0.0320	-1.0051	-1.0683
902	807	Stage DL-C: DL-C: Step 2	-99.0700	1.0120	2.3792	-0.0158	-0.7328	0.2599
902	810	Stage DL-C: DL-C: Step 2	99.0700	1.4798	-2.3792	0.0158	-7.2575	-1.0439
903	808	Stage DL-C: DL-C: Step 2	122.9865	-0.2111	-2.9117	0.0605	1.0000	-0.8164
903	811	Stage DL-C: DL-C: Step 2	-122.9865	0.5834	2.9117	-0.0605	8.7779	-0.7159
904	810	Stage DL-C: DL-C: Step 2	8.6842	0.1121	0.1808	-0.0044	-0.8272	0.1908
904	583	Stage DL-C: DL-C: Step 2	-8.6716	0.0839	-0.1808	0.0044	-0.4881	-0.0583
905	811	Stage DL-C: DL-C: Step 2	-5.0397	0.1118	-0.1875	-0.0013	0.7918	0.1463
905	582	Stage DL-C: DL-C: Step 2	5.2272	0.0842	0.1875	0.0013	0.5698	-0.0462
906	810	Stage DL-C: DL-C: Step 2	7.0098	-0.1507	0.0000	0.0000	0.0000	-0.0184
906	582	Stage DL-C: DL-C: Step 2	-7.0098	-0.3417	0.0000	0.0000	0.0000	0.2583
907	811	Stage DL-C: DL-C: Step 2	-5.8995	0.1215	0.0000	0.0000	0.0000	-0.0779
907	583	Stage DL-C: DL-C: Step 2	5.8995	0.2708	0.0000	0.0000	0.0000	-0.3129
909	810	Stage DL-C: DL-C: Step 2	-127.2235	1.0249	-3.8893	0.0559	7.2430	0.4076
909	813	Stage DL-C: DL-C: Step 2	127.2235	1.4657	3.8893	-0.0559	5.7169	-1.1478
910	811	Stage DL-C: DL-C: Step 2	156.3831	-0.1154	4.5415	-0.0483	-8.7615	-0.2945
910	814	Stage DL-C: DL-C: Step 2	-156.3831	0.4867	-4.5415	0.0483	-6.4692	-0.7166
912	813	Stage DL-C: DL-C: Step 2	-180.8512	0.0459	-1.0770	0.1326	-5.7322	-1.8345
912	816	Stage DL-C: DL-C: Step 2	180.8512	2.4824	1.0770	-0.1326	9.3488	-2.4824
913	814	Stage DL-C: DL-C: Step 2	178.2502	-0.3440	1.5881	0.0199	6.5024	-0.6507
913	817	Stage DL-C: DL-C: Step 2	-178.2502	0.7154	-1.5881	-0.0199	-11.8888	-1.1279
915	816	Stage DL-C: DL-C: Step 2	-232.4158	0.8584	1.7180	0.0584	-8.3500	0.0744
915	819	Stage DL-C: DL-C: Step 2	232.4158	2.0699	-1.7180	-0.0584	3.5675	-2.4444
916	817	Stage DL-C: DL-C: Step 2	209.8917	-0.3944	-1.9534	0.0899	11.8694	-0.8350

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
916	820	Stage DL-C: DL-C: Step 2	-209.8917	0.7858	1.9534	-0.0899	-5.3098	-1.1128
918	819	Stage DL-C: DL-C: Step 2	-277.9189	0.9645	5.4630	0.0141	-3.5642	0.1523
918	822	Stage DL-C: DL-C: Step 2	277.9189	1.7639	-5.4630	-0.0141	-14.7812	-1.4844
919	820	Stage DL-C: DL-C: Step 2	238.4721	-0.2458	-6.1899	0.1359	5.3027	-0.6647
919	823	Stage DL-C: DL-C: Step 2	-238.4721	0.6168	6.1899	-0.1359	15.4837	-0.7835
920	822	Stage DL-C: DL-C: Step 2	27.0269	0.0058	0.0580	-0.0097	-0.2039	-0.2282
920	595	Stage DL-C: DL-C: Step 2	-27.2140	0.1902	-0.0580	0.0097	-0.2174	-0.4432
921	823	Stage DL-C: DL-C: Step 2	0.9626	0.2120	0.0828	-0.0093	-0.3613	0.5111
921	594	Stage DL-C: DL-C: Step 2	-0.7731	-0.0143	-0.0828	0.0093	-0.3127	0.3048
922	822	Stage DL-C: DL-C: Step 2	-3.3024	0.0481	0.0000	0.0000	0.0000	0.5247
922	594	Stage DL-C: DL-C: Step 2	3.3024	-0.4405	0.0000	0.0000	0.0000	0.7579
923	823	Stage DL-C: DL-C: Step 2	-12.8427	0.0136	0.0000	0.0000	0.0000	-0.3235
923	595	Stage DL-C: DL-C: Step 2	12.8427	0.3790	0.0000	0.0000	0.0000	-0.6058
925	822	Stage DL-C: DL-C: Step 2	-273.0578	1.9443	-5.3242	0.2918	15.0446	1.7843
925	826	Stage DL-C: DL-C: Step 2	273.0578	0.7840	5.3242	-0.2918	2.8345	0.1640
928	823	Stage DL-C: DL-C: Step 2	233.0746	0.7368	5.8612	0.0389	-15.1250	0.9498
928	826	Stage DL-C: DL-C: Step 2	-233.0746	-0.3656	-5.8612	-0.0389	-4.5573	0.9013
928	825	Stage DL-C: DL-C: Step 2	-217.0230	2.2700	-1.6761	0.2391	-2.8436	2.7609
928	828	Stage DL-C: DL-C: Step 2	217.0230	0.4583	1.6761	-0.2391	8.4721	0.2811
929	826	Stage DL-C: DL-C: Step 2	195.9138	0.9401	1.7922	0.0638	4.3894	1.4045
929	829	Stage DL-C: DL-C: Step 2	-195.9138	-0.5667	-1.7922	-0.0638	-10.5879	1.1289
931	828	Stage DL-C: DL-C: Step 2	-165.5649	2.8615	0.8713	0.1284	-6.4746	2.7766
931	831	Stage DL-C: DL-C: Step 2	165.5649	-0.1332	-0.8713	-0.1284	3.9468	2.2517
932	829	Stage DL-C: DL-C: Step 2	154.4149	0.8199	-1.4247	0.1169	10.5907	1.4448
932	832	Stage DL-C: DL-C: Step 2	-154.4149	-0.5465	1.4247	-0.1169	-5.8062	1.0207
934	831	Stage DL-C: DL-C: Step 2	-88.3898	1.5013	3.0743	0.0800	-5.5439	1.1923
934	834	Stage DL-C: DL-C: Step 2	88.3898	0.8693	-3.0743	-0.0800	-4.7799	-0.3328
935	832	Stage DL-C: DL-C: Step 2	122.0868	0.6243	-3.8693	0.1470	5.8053	0.9804
935	835	Stage DL-C: DL-C: Step 2	-122.0868	-0.2530	3.8693	-0.1470	7.1848	0.4626
936	834	Stage DL-C: DL-C: Step 2	4.4955	0.1074	-0.1299	-0.0125	0.7340	0.1907
936	607	Stage DL-C: DL-C: Step 2	-4.6829	0.0899	0.1299	0.0125	0.2092	-0.0624
937	835	Stage DL-C: DL-C: Step 2	-3.1076	0.1139	0.3498	-0.0170	-1.3984	0.1549
937	606	Stage DL-C: DL-C: Step 2	3.2950	0.0860	-0.3498	0.0170	-1.1424	-0.0678
939	834	Stage DL-C: DL-C: Step 2	3.4047	-0.1651	0.0000	0.0000	0.0000	-0.0806

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
938	606	Stage DL-C: DL-C: Step 2	-3.4047	-0.2374	0.0000	0.0000	0.0000	0.2441
938	835	Stage DL-C: DL-C: Step 2	-2.3622	0.1613	0.0000	0.0000	0.0000	0.0837
939	607	Stage DL-C: DL-C: Step 2	2.3622	0.2311	0.0000	0.0000	0.0000	-0.2468
941	834	Stage DL-C: DL-C: Step 2	-62.7844	1.5884	-1.3695	0.0562	5.2265	1.1854
941	837	Stage DL-C: DL-C: Step 2	62.7844	0.6222	1.3695	-0.0562	-0.6287	-0.0604
942	835	Stage DL-C: DL-C: Step 2	77.0783	0.6847	1.5598	0.1091	-8.7262	0.8431
942	838	Stage DL-C: DL-C: Step 2	-77.0783	-0.3233	-1.5598	-0.1091	1.4879	0.8563
944	837	Stage DL-C: DL-C: Step 2	-34.7885	1.7040	-0.4200	0.0409	0.6228	1.4845
944	840	Stage DL-C: DL-C: Step 2	34.7885	0.7866	0.4200	-0.0409	0.7877	0.0560
945	838	Stage DL-C: DL-C: Step 2	41.4479	0.9091	0.5403	0.1149	-1.4803	1.3618
945	841	Stage DL-C: DL-C: Step 2	-41.4479	-0.5378	-0.5403	-0.1149	-0.5340	1.0677
947	840	Stage DL-C: DL-C: Step 2	-6.6150	1.6472	-0.0996	0.0290	-0.7825	1.3629
947	843	Stage DL-C: DL-C: Step 2	6.6150	0.8436	0.0996	-0.0290	1.1189	-0.0439
948	841	Stage DL-C: DL-C: Step 2	5.0321	0.8482	0.1573	0.1197	0.3586	1.2217
948	844	Stage DL-C: DL-C: Step 2	-5.0321	-0.4756	-0.1573	-0.1197	-0.6668	1.0031
950	843	Stage DL-C: DL-C: Step 2	18.6775	1.4738	-0.4106	0.0606	-1.1217	1.1504
950	846	Stage DL-C: DL-C: Step 2	-18.6775	1.0168	0.4106	-0.0606	2.5006	-0.3631
951	844	Stage DL-C: DL-C: Step 2	-25.8695	0.6071	0.3662	0.1162	0.8725	0.9290
951	847	Stage DL-C: DL-C: Step 2	25.8695	-0.2357	-0.3662	-0.1162	-2.1024	0.4662
952	846	Stage DL-C: DL-C: Step 2	-3.1354	0.0858	-0.0402	-0.0151	0.2571	0.0707
952	619	Stage DL-C: DL-C: Step 2	2.9481	0.1101	0.0402	0.0151	0.2052	-0.1586
953	847	Stage DL-C: DL-C: Step 2	3.8128	0.1012	0.2368	-0.0144	-0.9843	0.1506
953	618	Stage DL-C: DL-C: Step 2	-3.6253	0.0948	-0.2368	0.0144	-0.7541	-0.1272
954	848	Stage DL-C: DL-C: Step 2	-1.9229	-0.2065	0.0000	0.0000	0.0000	-0.1836
954	618	Stage DL-C: DL-C: Step 2	1.9229	-0.1859	0.0000	0.0000	0.0000	0.1296
955	847	Stage DL-C: DL-C: Step 2	5.7276	0.2912	0.0000	0.0000	0.0000	0.4552
955	619	Stage DL-C: DL-C: Step 2	-5.7276	0.1113	0.0000	0.0000	0.0000	-0.0091
957	846	Stage DL-C: DL-C: Step 2	41.0158	1.4295	1.3311	0.0488	-2.1536	0.9449
957	849	Stage DL-C: DL-C: Step 2	-41.0158	1.0811	-1.3311	-0.0488	-2.3184	-0.3263
958	847	Stage DL-C: DL-C: Step 2	-57.4907	0.5267	-1.8072	0.1342	2.5330	0.5811
958	850	Stage DL-C: DL-C: Step 2	57.4907	-0.1553	1.8072	-0.1342	3.3359	0.5839
960	849	Stage DL-C: DL-C: Step 2	58.0130	1.5051	0.3051	0.0437	2.3124	1.1299
960	852	Stage DL-C: DL-C: Step 2	-58.0130	0.8606	-0.3051	-0.0437	-3.3370	-0.2574
961	850	Stage DL-C: DL-C: Step 2	-81.0826	0.6574	-0.5685	0.1130	-5.5324	0.8857

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
961	853	Stage DL-C: DL-C: Step 2	81.0826	-0.2860	0.5685	-0.1130	5.5067	0.6965
963	852	Stage DL-C: DL-C: Step 2	75.4262	1.4602	-0.8314	0.0351	3.3309	1.0795
963	855	Stage DL-C: DL-C: Step 2	-75.4262	1.0104	0.8314	-0.0351	-0.5391	-0.2898
964	853	Stage DL-C: DL-C: Step 2	-104.7728	0.6179	1.0524	0.0843	-5.5224	0.7563
964	856	Stage DL-C: DL-C: Step 2	104.7728	-0.2466	-1.0524	-0.0843	1.9693	0.6629
966	855	Stage DL-C: DL-C: Step 2	90.5467	1.2693	-2.8340	0.0396	0.5317	0.9847
966	858	Stage DL-C: DL-C: Step 2	-90.5467	1.1014	2.8340	-0.0396	8.3139	-0.4813
967	856	Stage DL-C: DL-C: Step 2	-125.0067	0.4583	3.0959	0.0689	-1.8593	0.6014
967	859	Stage DL-C: DL-C: Step 2	125.0067	-0.0969	-3.0959	-0.0689	-8.4402	0.3140
968	858	Stage DL-C: DL-C: Step 2	-7.6833	0.0896	-0.0181	-0.0115	0.1586	0.1228
968	831	Stage DL-C: DL-C: Step 2	7.4958	0.1062	0.0181	0.0115	-0.0284	-0.1822
969	859	Stage DL-C: DL-C: Step 2	8.0308	0.0932	0.1490	-0.0108	-0.8500	0.1520
969	830	Stage DL-C: DL-C: Step 2	-7.5431	0.1028	-0.1490	0.0106	-0.4322	-0.1965
970	858	Stage DL-C: DL-C: Step 2	-8.7033	-0.2857	0.0000	0.0000	0.0000	-0.5290
970	830	Stage DL-C: DL-C: Step 2	8.7033	-0.0968	0.0000	0.0000	0.0000	0.0069
971	859	Stage DL-C: DL-C: Step 2	12.5194	0.3452	0.0000	0.0000	0.0000	0.6896
971	831	Stage DL-C: DL-C: Step 2	-12.5194	0.0472	0.0000	0.0000	0.0000	0.0824
973	858	Stage DL-C: DL-C: Step 2	105.2015	1.3471	3.3500	0.0422	-8.1435	0.8191
973	861	Stage DL-C: DL-C: Step 2	-105.2015	1.1435	-3.3500	-0.0422	-3.1062	-0.4774
974	859	Stage DL-C: DL-C: Step 2	-144.1455	0.3673	-4.2902	0.1187	8.7858	0.3082
974	862	Stage DL-C: DL-C: Step 2	144.1455	0.0040	4.2902	-0.1187	5.8210	0.3008
976	861	Stage DL-C: DL-C: Step 2	114.0715	1.3792	1.1983	0.0347	3.1062	0.8008
976	864	Stage DL-C: DL-C: Step 2	-114.0715	1.1124	-1.1983	-0.0347	-7.1930	-0.4573
977	862	Stage DL-C: DL-C: Step 2	-156.4357	0.4241	-1.8459	0.0835	-5.8222	0.4591
977	865	Stage DL-C: DL-C: Step 2	156.4357	-0.0527	1.8459	-0.0835	11.1460	0.3414
979	864	Stage DL-C: DL-C: Step 2	122.5032	1.3530	-0.9023	0.0067	7.1275	0.8963
979	867	Stage DL-C: DL-C: Step 2	-122.5032	1.1378	0.9023	-0.0067	-4.0873	-0.4948
980	865	Stage DL-C: DL-C: Step 2	-167.8285	0.3657	1.2008	0.0245	-11.1467	0.3794
980	868	Stage DL-C: DL-C: Step 2	167.8285	-0.0143	-1.2008	-0.0245	7.1142	0.2921
982	867	Stage DL-C: DL-C: Step 2	129.3595	1.3091	-3.4688	0.0014	4.0813	0.7847
982	870	Stage DL-C: DL-C: Step 2	-129.3595	1.1615	3.4688	-0.0014	7.3573	-0.5004
983	868	Stage DL-C: DL-C: Step 2	-178.7410	0.2822	4.2418	-0.0138	-7.1067	0.2607
983	871	Stage DL-C: DL-C: Step 2	178.7410	0.0792	-4.2418	0.0138	-7.1378	0.0868
984	870	Stage DL-C: DL-C: Step 2	-8.2361	0.0897	0.0468	-0.0007	-0.2678	0.1299

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
964	643	Stage DL-C: DL-C: Step 2	8.5467	0.1072	-0.0465	0.0007	-0.0702	-0.1958
965	871	Stage DL-C: DL-C: Step 2	8.2594	0.0909	0.0775	-0.0006	-6.1937	0.1534
965	642	Stage DL-C: DL-C: Step 2	-8.0720	0.1050	-0.0775	0.0006	-5.3690	-0.2047
966	870	Stage DL-C: DL-C: Step 2	-10.8146	-0.2972	0.0000	0.0000	0.0000	-0.5606
966	642	Stage DL-C: DL-C: Step 2	10.8146	-0.0954	0.0000	0.0000	0.0000	0.0315
967	871	Stage DL-C: DL-C: Step 2	14.1613	0.3458	0.0000	0.0000	0.0000	0.7267
967	643	Stage DL-C: DL-C: Step 2	-14.1613	0.0466	0.0000	0.0000	0.0000	0.0565
969	870	Stage DL-C: DL-C: Step 2	133.4588	1.2645	2.6362	-0.0100	-7.0898	0.7029
969	873	Stage DL-C: DL-C: Step 2	-133.4588	1.2261	-2.6362	0.0100	-1.7626	-0.6384
990	871	Stage DL-C: DL-C: Step 2	-182.7549	0.1888	-3.2443	0.0100	7.1743	0.0528
990	874	Stage DL-C: DL-C: Step 2	182.7548	0.1718	3.2443	-0.0100	3.7204	-0.0364
982	873	Stage DL-C: DL-C: Step 2	133.6618	1.2460	-0.0098	0.0000	1.7649	0.6788
982	876	Stage DL-C: DL-C: Step 2	-133.6618	1.2448	0.0098	0.0000	-1.7309	-0.6743
983	874	Stage DL-C: DL-C: Step 2	-183.3935	0.1859	-0.0083	0.0000	-3.7239	0.0445
983	877	Stage DL-C: DL-C: Step 2	183.3936	0.1855	0.0083	0.0000	3.7517	-0.0438
985	876	Stage DL-C: DL-C: Step 2	133.7925	1.2390	-2.8534	0.0101	1.7336	0.6535
985	879	Stage DL-C: DL-C: Step 2	-133.7925	1.2518	2.8534	-0.0101	7.1798	-0.6747
986	877	Stage DL-C: DL-C: Step 2	-182.3957	0.1510	3.2277	-0.0101	-3.7482	-0.0188
986	880	Stage DL-C: DL-C: Step 2	182.3957	0.2204	-3.2277	0.0101	-7.0908	-0.1001
987	879	Stage DL-C: DL-C: Step 2	-8.2360	0.0867	0.0056	0.0009	0.0808	0.1289
987	652	Stage DL-C: DL-C: Step 2	8.0485	0.1072	-0.0056	-0.0009	-0.1327	-0.1957
988	880	Stage DL-C: DL-C: Step 2	8.2573	0.0909	-0.0250	0.0010	-0.0124	0.1535
988	651	Stage DL-C: DL-C: Step 2	-8.0699	0.1050	0.0250	-0.0010	0.1937	-0.2047
989	879	Stage DL-C: DL-C: Step 2	-10.8216	-0.2972	0.0000	0.0000	0.0000	-0.5612
989	651	Stage DL-C: DL-C: Step 2	10.8216	-0.0953	0.0000	0.0000	0.0000	0.0312
1000	880	Stage DL-C: DL-C: Step 2	14.1582	0.3458	0.0000	0.0000	0.0000	0.7263
1000	652	Stage DL-C: DL-C: Step 2	-14.1582	0.0466	0.0000	0.0000	0.0000	0.0565
1002	879	Stage DL-C: DL-C: Step 2	129.0507	1.1845	3.4588	-0.0013	-7.4881	0.6088
1002	882	Stage DL-C: DL-C: Step 2	-129.0507	1.2961	-3.4588	0.0013	-4.1268	-0.7794
1003	880	Stage DL-C: DL-C: Step 2	-177.0629	0.0583	-4.2513	0.0137	7.2049	-0.1442
1003	883	Stage DL-C: DL-C: Step 2	177.0629	0.3131	4.2513	-0.0137	7.3717	-0.2837
1005	882	Stage DL-C: DL-C: Step 2	122.5185	1.1382	0.8818	-0.0087	4.1327	0.4983
1005	885	Stage DL-C: DL-C: Step 2	-122.5185	1.3034	-0.8818	0.0087	-7.1288	-0.8559
1006	883	Stage DL-C: DL-C: Step 2	-167.8868	-0.0141	-1.2112	-0.0246	-7.0792	-0.2916

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1006	886	Stage DL-C: DL-C: Step 2	167.8868	0.3658	1.2113	0.0246	11.1485	-0.3793
1006	885	Stage DL-C: DL-C: Step 2	114.1059	1.1130	-1.2097	-0.0346	7.1294	0.4578
1006	888	Stage DL-C: DL-C: Step 2	-114.1059	1.3776	1.2097	0.0346	-3.0672	-0.9021
1009	888	Stage DL-C: DL-C: Step 2	-156.3881	-0.0525	1.8345	-0.0836	-11.1462	-0.3413
1009	889	Stage DL-C: DL-C: Step 2	156.3881	0.4238	-1.8346	0.0836	9.8604	-0.4567
1011	888	Stage DL-C: DL-C: Step 2	105.5813	1.1588	-3.3622	-0.0421	3.0672	0.4927
1011	891	Stage DL-C: DL-C: Step 2	-105.5813	1.3341	3.3622	0.0421	8.2235	-0.7907
1012	889	Stage DL-C: DL-C: Step 2	-143.7438	-0.0189	4.2777	-0.1188	-5.6592	-0.3268
1012	892	Stage DL-C: DL-C: Step 2	143.7438	0.3683	-4.2777	0.1188	-8.7059	-0.3938
1013	891	Stage DL-C: DL-C: Step 2	-7.6841	0.0696	0.0703	0.0118	-0.3360	0.1227
1013	864	Stage DL-C: DL-C: Step 2	7.4967	0.1062	-0.0705	-0.0118	-0.1745	-0.1823
1014	892	Stage DL-C: DL-C: Step 2	8.0288	0.0932	-0.0696	0.0112	0.4441	0.1520
1014	893	Stage DL-C: DL-C: Step 2	-7.8414	0.1028	0.0696	-0.0112	0.2578	-0.1866
1015	891	Stage DL-C: DL-C: Step 2	-8.7114	-0.2958	0.0000	0.0000	0.0000	-0.5294
1015	863	Stage DL-C: DL-C: Step 2	8.7114	-0.0967	0.0000	0.0000	0.0000	0.0067
1016	892	Stage DL-C: DL-C: Step 2	12.5200	0.3451	0.0000	0.0000	0.0000	0.6884
1016	864	Stage DL-C: DL-C: Step 2	-12.5200	0.0473	0.0000	0.0000	0.0000	0.0822
1018	891	Stage DL-C: DL-C: Step 2	90.2838	1.1144	2.8244	-0.0398	-8.2391	0.0087
1018	894	Stage DL-C: DL-C: Step 2	-90.2838	1.3762	-2.8244	0.0398	-0.5736	-0.9484
1018	892	Stage DL-C: DL-C: Step 2	-125.2903	-0.1079	-3.1053	-0.0699	8.5096	-0.3613
1019	895	Stage DL-C: DL-C: Step 2	125.2903	0.4792	3.1053	0.0699	1.9184	-0.6244
1021	894	Stage DL-C: DL-C: Step 2	75.4692	1.0110	0.8201	-0.0351	0.5811	0.2913
1021	897	Stage DL-C: DL-C: Step 2	-75.4692	1.4796	-0.8201	0.0351	-3.3351	-1.0780
1022	895	Stage DL-C: DL-C: Step 2	-104.6898	-0.2483	-1.0629	-0.0843	-1.9274	-0.6625
1022	896	Stage DL-C: DL-C: Step 2	104.6898	0.6177	1.0629	0.0843	5.4667	-0.7882
1024	897	Stage DL-C: DL-C: Step 2	58.0760	0.9661	-0.3177	-0.0437	0.3413	0.2579
1024	900	Stage DL-C: DL-C: Step 2	-58.0760	1.5048	0.3177	0.0437	-2.2743	-1.1284
1025	899	Stage DL-C: DL-C: Step 2	-81.0033	-0.2958	0.5759	-0.1131	-0.5031	-0.6662
1025	901	Stage DL-C: DL-C: Step 2	81.0033	0.6572	-0.5759	0.1131	3.9891	-0.8852
1027	900	Stage DL-C: DL-C: Step 2	41.4068	1.0742	-1.3445	-0.0487	2.2783	0.3417
1027	903	Stage DL-C: DL-C: Step 2	-41.4068	1.4194	1.3445	0.0487	2.2368	-0.9184
1028	901	Stage DL-C: DL-C: Step 2	-57.0454	-0.1764	1.7924	-0.1343	-3.5728	-0.6071
1028	904	Stage DL-C: DL-C: Step 2	57.0454	0.5477	-1.7924	0.1343	-2.4487	-0.6087
1029	903	Stage DL-C: DL-C: Step 2	-3.1382	0.0858	0.0827	0.0153	-0.4043	0.0707

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1029	679	Stage DL-C: DL-C: Step 2	2.9508	0.1101	-0.0027	-0.0153	-0.2389	-0.1568
1030	904	Stage DL-C: DL-C: Step 2	3.8117	0.1012	-0.1940	0.0148	0.7577	0.1504
1030	675	Stage DL-C: DL-C: Step 2	-3.8242	0.0946	0.1940	-0.0149	0.5799	-0.1273
1031	903	Stage DL-C: DL-C: Step 2	-1.9171	-0.2087	0.0000	0.0000	0.0000	-0.1840
1031	675	Stage DL-C: DL-C: Step 2	1.9171	-0.1858	0.0000	0.0000	0.0000	0.1262
1032	904	Stage DL-C: DL-C: Step 2	5.7182	0.2811	0.0000	0.0000	0.0000	0.4046
1032	676	Stage DL-C: DL-C: Step 2	-5.7182	0.1114	0.0000	0.0000	0.0000	-0.0093
1034	903	Stage DL-C: DL-C: Step 2	16.4270	1.0299	0.4000	-0.0606	-2.4388	0.4116
1034	906	Stage DL-C: DL-C: Step 2	-16.4270	1.4607	-0.4000	0.0606	1.0854	-1.1360
1035	904	Stage DL-C: DL-C: Step 2	-26.1336	-0.2569	-0.3730	-0.1161	2.1656	-0.5336
1035	907	Stage DL-C: DL-C: Step 2	26.1336	0.8281	0.3730	0.1161	-0.9131	-0.8521
1037	906	Stage DL-C: DL-C: Step 2	-6.5323	0.8439	0.0877	-0.0289	-1.0607	0.0448
1037	909	Stage DL-C: DL-C: Step 2	6.5323	1.6467	-0.0877	0.0289	0.7662	-1.3829
1038	907	Stage DL-C: DL-C: Step 2	5.1514	-0.4706	-0.1672	-0.1186	0.9074	-1.0025
1038	910	Stage DL-C: DL-C: Step 2	-5.1514	0.8492	0.1672	0.1186	-0.3460	-1.2215
1040	909	Stage DL-C: DL-C: Step 2	-34.6669	0.7870	0.4077	-0.0409	-0.7815	-0.0558
1040	912	Stage DL-C: DL-C: Step 2	34.6669	1.7036	-0.4077	0.0409	-0.5875	-1.4833
1041	910	Stage DL-C: DL-C: Step 2	41.5826	-0.5376	-0.9535	-0.1150	0.3415	-1.0675
1041	913	Stage DL-C: DL-C: Step 2	-41.5826	0.9090	0.9535	0.1150	1.5184	-1.2613
1043	912	Stage DL-C: DL-C: Step 2	-62.3536	0.9352	1.3538	-0.0561	0.3643	0.0956
1043	915	Stage DL-C: DL-C: Step 2	62.3536	1.5554	-1.3538	0.0561	-5.1407	-1.1369
1044	913	Stage DL-C: DL-C: Step 2	77.5811	-0.3446	-1.5760	-0.1092	-1.5241	-0.8897
1044	916	Stage DL-C: DL-C: Step 2	-77.5811	0.7159	1.5760	0.1092	6.8165	-0.8910
1045	913	Stage DL-C: DL-C: Step 2	4.4818	0.1074	0.1827	0.0126	-0.9124	0.1508
1045	688	Stage DL-C: DL-C: Step 2	-4.6792	0.0886	-0.1827	-0.0126	-0.4142	-0.0922
1046	916	Stage DL-C: DL-C: Step 2	-3.1113	0.1099	-0.2673	0.0174	1.1918	0.1547
1046	687	Stage DL-C: DL-C: Step 2	3.2988	0.0881	0.2673	-0.0174	0.9677	-0.0680
1047	915	Stage DL-C: DL-C: Step 2	3.4061	-0.1853	0.0000	0.0000	0.0000	-0.0811
1047	687	Stage DL-C: DL-C: Step 2	-3.4061	-0.2271	0.0000	0.0000	0.0000	0.2439
1048	916	Stage DL-C: DL-C: Step 2	-2.3610	0.1611	0.0000	0.0000	0.0000	0.0627
1048	688	Stage DL-C: DL-C: Step 2	2.2610	0.2313	0.0000	0.0000	0.3000	-0.3471
1050	915	Stage DL-C: DL-C: Step 2	-98.5969	1.0019	-3.0810	-0.0600	4.9470	0.3607
1050	918	Stage DL-C: DL-C: Step 2	98.5969	1.4887	3.0810	0.0600	5.4694	-1.1780
1051	919	Stage DL-C: DL-C: Step 2	121.8831	-0.2744	3.8632	-0.1469	-7.1266	-0.5306

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1051	919	Stage DL-C: DL-C: Step 2	-121.8831	0.6458	-3.8632	0.1469	-5.8463	-1.0142
1053	918	Stage DL-C: DL-C: Step 2	-165.3969	-0.1309	-0.8818	-0.1284	-5.5042	-2.2473
1053	921	Stage DL-C: DL-C: Step 2	165.3969	2.8582	0.8818	0.1284	8.4659	-2.7734
1054	919	Stage DL-C: DL-C: Step 2	154.5750	-0.5481	1.4157	-0.1188	5.8472	-1.0202
1054	923	Stage DL-C: DL-C: Step 2	-154.5750	0.8199	-1.4157	0.1188	-10.8012	-1.4442
1056	921	Stage DL-C: DL-C: Step 2	216.8907	0.4011	1.8619	-0.2369	-8.4631	-0.2884
1056	924	Stage DL-C: DL-C: Step 2	216.8907	2.2772	-1.8619	0.2369	2.8823	-2.7779
1057	922	Stage DL-C: DL-C: Step 2	196.0450	-0.5682	-1.8052	-0.0839	10.5984	-1.1279
1057	925	Stage DL-C: DL-C: Step 2	-196.0450	0.9395	1.8052	0.0839	-4.5365	-1.4036
1059	924	Stage DL-C: DL-C: Step 2	-272.5803	0.8220	5.3055	-0.2913	-2.8732	-0.1311
1059	927	Stage DL-C: DL-C: Step 2	272.5803	1.8063	-5.3055	0.2913	-14.9433	-1.8696
1060	925	Stage DL-C: DL-C: Step 2	233.5850	-0.3881	-5.8779	-0.0391	4.5244	-0.8261
1060	928	Stage DL-C: DL-C: Step 2	-233.5850	0.7586	5.8779	0.0391	15.2141	-1.0007
1061	927	Stage DL-C: DL-C: Step 2	27.2038	0.0059	0.0126	0.0092	-0.0698	-0.2260
1061	700	Stage DL-C: DL-C: Step 2	-27.2030	0.1901	-0.0126	-0.0092	-0.0228	-0.4430
1062	928	Stage DL-C: DL-C: Step 2	0.9630	0.2103	-0.0410	0.0087	0.1590	0.5110
1062	699	Stage DL-C: DL-C: Step 2	-0.7760	-0.0143	0.0410	-0.0097	0.1388	0.3046
1063	927	Stage DL-C: DL-C: Step 2	-3.3160	0.0477	0.0000	0.0000	0.0000	0.5234
1063	699	Stage DL-C: DL-C: Step 2	3.3160	-0.4401	0.0000	0.0000	0.0000	0.7570
1064	928	Stage DL-C: DL-C: Step 2	-12.8510	0.0134	0.0000	0.0000	0.0000	-0.3239
1064	700	Stage DL-C: DL-C: Step 2	12.8510	0.3790	0.0000	0.0000	0.0000	-0.6358
1068	927	Stage DL-C: DL-C: Step 2	-277.8949	1.8015	-5.4673	-0.0142	14.8209	1.5887
1068	930	Stage DL-C: DL-C: Step 2	277.8949	0.8088	5.4673	0.0142	3.3085	-0.1200
1067	926	Stage DL-C: DL-C: Step 2	238.3074	0.5843	6.1869	-0.1359	-15.4351	0.7324
1067	931	Stage DL-C: DL-C: Step 2	-238.3074	-0.2229	-6.1869	0.1359	-5.3415	0.6396
1069	930	Stage DL-C: DL-C: Step 2	-232.1598	2.0625	-1.7255	-0.0587	-3.5416	2.4271
1069	933	Stage DL-C: DL-C: Step 2	232.1598	0.6659	1.7255	0.0587	9.3061	-0.0818
1070	931	Stage DL-C: DL-C: Step 2	210.1166	0.7661	1.9453	-0.1000	5.3454	1.1134
1070	934	Stage DL-C: DL-C: Step 2	-210.1166	-0.3947	-1.9453	0.1000	-11.8807	0.8256
1072	933	Stage DL-C: DL-C: Step 2	-190.8469	2.6630	1.0628	-0.1325	-9.3349	2.4858
1072	936	Stage DL-C: DL-C: Step 2	190.8469	0.0453	-1.0628	0.1325	5.7680	1.9351
1073	934	Stage DL-C: DL-C: Step 2	179.4521	0.7158	-1.8114	-0.0200	11.8802	1.1267
1073	937	Stage DL-C: DL-C: Step 2	-179.4521	-0.3444	1.8114	0.0200	-8.4691	0.8515
1075	936	Stage DL-C: DL-C: Step 2	-126.8975	1.4793	3.8098	-0.0557	-5.7506	1.1818

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1075	939	Stage:DL-C: DL-C: Step 2	126.6976	1.2123	-3.8398	0.0857	-7.1436	-0.5794
1076	937	Stage:DL-C: DL-C: Step 2	156.9590	0.4650	-4.5601	0.0481	8.4659	0.6825
1076	940	Stage:DL-C: DL-C: Step 2	-156.9590	-0.0936	4.5601	-0.0481	8.8575	0.2454
1077	939	Stage:DL-C: DL-C: Step 2	8.8857	0.1122	-0.1272	0.0046	0.8458	0.1612
1077	712	Stage:DL-C: DL-C: Step 2	-8.8732	0.0839	0.1272	-0.0046	0.2782	-0.0562
1078	940	Stage:DL-C: DL-C: Step 2	-5.0502	0.1117	0.2402	0.0017	-0.9997	0.1462
1078	711	Stage:DL-C: DL-C: Step 2	5.2376	0.0843	-0.2402	-0.0017	-0.7447	-0.0464
1079	939	Stage:DL-C: DL-C: Step 2	8.8818	-0.1510	0.0000	0.0000	0.0000	-0.0206
1079	711	Stage:DL-C: DL-C: Step 2	-8.8818	-0.2418	0.0000	0.0000	0.0000	0.2581
1080	940	Stage:DL-C: DL-C: Step 2	-5.8837	0.1214	0.0000	0.0000	0.0000	-0.0799
1080	712	Stage:DL-C: DL-C: Step 2	5.8837	0.2710	0.0000	0.0000	0.0000	-0.3139
1082	939	Stage:DL-C: DL-C: Step 2	-99.2254	1.4918	-2.3827	0.0158	7.3126	1.0731
1082	942	Stage:DL-C: DL-C: Step 2	99.2254	0.8690	2.3827	-0.0158	0.8898	-0.2400
1083	940	Stage:DL-C: DL-C: Step 2	122.8546	0.5606	2.8100	-0.0803	-8.7268	0.6667
1083	943	Stage:DL-C: DL-C: Step 2	-122.8546	-0.1883	-2.8100	0.0803	-1.0453	0.5824
1085	942	Stage:DL-C: DL-C: Step 2	-77.7011	1.5867	-0.7143	0.0065	-0.8918	1.2908
1085	945	Stage:DL-C: DL-C: Step 2	77.7011	0.9039	0.7143	-0.0065	3.0806	-0.1443
1086	943	Stage:DL-C: DL-C: Step 2	99.3230	0.7240	1.0309	-0.0320	1.0505	1.0693
1086	946	Stage:DL-C: DL-C: Step 2	-99.3230	-0.3526	-1.0309	0.0320	-4.5122	0.7381
1088	945	Stage:DL-C: DL-C: Step 2	-56.8421	1.5744	0.3018	-0.0127	-3.0907	1.2827
1088	948	Stage:DL-C: DL-C: Step 2	56.8421	0.9162	-0.3018	0.0127	2.0773	-0.1575
1089	946	Stage:DL-C: DL-C: Step 2	69.4565	0.6788	-0.3609	0.0152	4.5124	0.8545
1089	949	Stage:DL-C: DL-C: Step 2	-69.4565	-0.2054	0.3609	-0.0152	-3.3006	0.6946
1091	948	Stage:DL-C: DL-C: Step 2	-38.3781	1.4644	1.0240	-0.0191	-2.0728	1.1302
1091	951	Stage:DL-C: DL-C: Step 2	38.3781	1.0262	-1.0240	0.0191	-1.3660	-0.3944
1092	949	Stage:DL-C: DL-C: Step 2	47.0408	0.4656	-1.3243	0.0485	3.2845	0.7082
1092	952	Stage:DL-C: DL-C: Step 2	-47.0408	-0.0942	1.3243	-0.0485	1.1528	0.2319
1093	951	Stage:DL-C: DL-C: Step 2	0.8276	0.1068	-0.0801	-0.0004	0.4462	0.1506
1095	724	Stage:DL-C: DL-C: Step 2	-0.8151	0.0892	0.0801	0.0004	0.1358	-0.0865
1094	952	Stage:DL-C: DL-C: Step 2	0.2177	0.1035	0.1842	-0.0030	-0.6776	0.1309
1094	723	Stage:DL-C: DL-C: Step 2	-0.0303	0.0825	-0.1842	0.0030	-0.8606	-0.0910
1095	951	Stage:DL-C: DL-C: Step 2	3.8418	-0.2305	0.0000	0.0000	0.0000	-0.2529
1095	723	Stage:DL-C: DL-C: Step 2	-3.8418	-0.1819	0.0000	0.0000	0.0000	0.0727
1096	952	Stage:DL-C: DL-C: Step 2	-1.3111	0.2068	0.0000	0.0000	0.0000	0.1868

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1096	724	Stage:DL-C: DL-C: Step 2	1.3111	0.1856	0.0000	0.0000	0.0000	-0.1313
1098	951	Stage:DL-C: DL-C: Step 2	-30.2063	1.4139	-0.2113	0.0221	1.4758	0.9511
1098	954	Stage:DL-C: DL-C: Step 2	30.2063	1.0777	0.2113	-0.0221	-0.7661	-0.3862
1099	952	Stage:DL-C: DL-C: Step 2	23.4415	0.3935	0.3597	0.0139	-1.1040	0.3768
1099	955	Stage:DL-C: DL-C: Step 2	-23.4415	-0.0221	-0.3597	-0.0139	-0.1038	0.3210
1101	954	Stage:DL-C: DL-C: Step 2	-6.8790	1.4538	-0.0933	0.0025	0.7646	1.0059
1101	957	Stage:DL-C: DL-C: Step 2	6.8790	1.0368	0.0933	-0.0025	-0.4514	-0.3555
1102	955	Stage:DL-C: DL-C: Step 2	7.5660	0.5106	0.0991	0.0228	0.1057	0.6717
1102	958	Stage:DL-C: DL-C: Step 2	-7.5660	-0.1394	-0.0991	-0.0228	-0.4384	0.4198
1104	957	Stage:DL-C: DL-C: Step 2	4.9701	1.4144	-0.2193	-0.0134	0.4627	0.9831
1104	960	Stage:DL-C: DL-C: Step 2	-4.9701	1.0762	0.2193	0.0134	0.2837	-0.4253
1105	958	Stage:DL-C: DL-C: Step 2	-8.0692	0.4575	0.1189	0.0264	0.4364	0.5839
1105	961	Stage:DL-C: DL-C: Step 2	8.0692	-0.0861	-0.1189	-0.0264	-0.8355	0.3490
1107	960	Stage:DL-C: DL-C: Step 2	14.8249	1.3447	-0.5815	0.0189	-0.2836	0.8640
1107	963	Stage:DL-C: DL-C: Step 2	-14.8249	1.1459	0.5815	-0.0189	2.2365	-0.5503
1108	961	Stage:DL-C: DL-C: Step 2	-19.9684	0.3262	0.3758	0.0200	0.8357	0.3956
1108	964	Stage:DL-C: DL-C: Step 2	19.9684	0.0453	-0.3758	-0.0200	-2.0877	0.0762
1109	963	Stage:DL-C: DL-C: Step 2	-1.9490	0.0859	0.0278	-0.0033	-0.0554	0.0718
1109	736	Stage:DL-C: DL-C: Step 2	1.7618	0.1101	-0.0278	0.0033	-0.1462	-0.1599
1110	964	Stage:DL-C: DL-C: Step 2	2.5156	0.1004	0.1139	-0.0031	-0.4681	0.1464
1110	735	Stage:DL-C: DL-C: Step 2	-2.3282	0.0956	-0.1139	0.0031	-0.3591	-0.1311
1111	963	Stage:DL-C: DL-C: Step 2	-1.0458	-0.1807	0.0000	0.0000	0.0000	-0.1225
1111	735	Stage:DL-C: DL-C: Step 2	1.0458	-0.2118	0.0000	0.0000	0.0000	0.2041
1112	964	Stage:DL-C: DL-C: Step 2	4.0755	0.2559	0.0000	0.0000	0.0000	0.3875
1112	736	Stage:DL-C: DL-C: Step 2	-4.0755	0.1365	0.0000	0.0000	0.0000	-0.0740
1114	963	Stage:DL-C: DL-C: Step 2	22.8291	1.3088	0.8837	0.0101	-2.0060	0.7920
1114	966	Stage:DL-C: DL-C: Step 2	-22.8291	1.1818	-0.8837	-0.0101	-0.4845	-0.5799
1115	964	Stage:DL-C: DL-C: Step 2	-31.0393	0.2519	-0.9175	0.0439	2.3044	0.1707
1115	967	Stage:DL-C: DL-C: Step 2	31.0393	0.1195	0.9175	-0.0439	0.7768	0.0518
1117	966	Stage:DL-C: DL-C: Step 2	28.8571	1.3057	0.1688	0.0115	0.8838	0.7996
1117	969	Stage:DL-C: DL-C: Step 2	-28.8571	1.1849	-0.1688	-0.0115	-1.3818	-0.5970
1118	967	Stage:DL-C: DL-C: Step 2	-36.1938	0.2854	-0.3301	0.0345	-0.7794	0.2692
1118	970	Stage:DL-C: DL-C: Step 2	36.1938	0.0860	0.3301	-0.0345	1.9850	0.0857
1120	969	Stage:DL-C: DL-C: Step 2	30.1483	1.2797	-0.3011	0.0107	1.9602	0.7542

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1120	972	Stage DL-C: DL-C: Step 2	-30.1483	1.2139	0.3011	-0.0107	-0.5490	-0.6366
1121	970	Stage DL-C: DL-C: Step 2	-40.3788	0.2483	0.3412	0.0204	-1.8832	0.1971
1121	973	Stage DL-C: DL-C: Step 2	40.3788	0.1251	-0.3412	-0.0204	0.7374	0.0064
1123	972	Stage DL-C: DL-C: Step 2	32.5238	1.2739	-1.0581	0.0160	0.5459	0.7344
1123	975	Stage DL-C: DL-C: Step 2	-32.5238	1.2167	1.0851	-0.0160	2.9873	-0.6383
1124	973	Stage DL-C: DL-C: Step 2	-42.3510	0.1820	1.0724	0.0137	-0.7339	0.1160
1124	976	Stage DL-C: DL-C: Step 2	42.3510	0.1794	-1.0724	-0.0137	-2.8677	-0.0969
1125	975	Stage DL-C: DL-C: Step 2	-0.3786	0.0895	0.0795	-0.0025	-0.2490	0.1132
1125	746	Stage DL-C: DL-C: Step 2	0.1813	0.1075	-0.0795	0.0025	-0.3284	-0.1824
1126	976	Stage DL-C: DL-C: Step 2	1.1231	0.0848	0.0693	-0.0019	-0.2841	0.1502
1126	747	Stage DL-C: DL-C: Step 2	-0.9357	0.1011	-0.0693	0.0019	-0.2082	-0.1731
1127	975	Stage DL-C: DL-C: Step 2	-4.7571	-0.1578	0.0000	0.0000	0.0000	-0.1529
1127	747	Stage DL-C: DL-C: Step 2	4.7571	-0.2347	0.0000	0.0000	0.0000	0.3649
1128	976	Stage DL-C: DL-C: Step 2	7.6823	0.2101	0.0000	0.0000	0.0000	0.3253
1128	748	Stage DL-C: DL-C: Step 2	-7.6823	0.1823	0.0000	0.0000	0.0000	-0.2524
1130	975	Stage DL-C: DL-C: Step 2	32.7550	1.2165	1.0034	0.0095	-2.7149	0.6733
1130	978	Stage DL-C: DL-C: Step 2	-32.7550	1.2742	-1.0034	-0.0095	-0.6044	-0.7702
1131	976	Stage DL-C: DL-C: Step 2	-37.3990	-0.2784	-1.1490	0.0163	3.0497	-0.4652
1131	979	Stage DL-C: DL-C: Step 2	37.3990	0.8498	1.1490	-0.0163	0.7785	-1.1033
1133	978	Stage DL-C: DL-C: Step 2	27.7967	1.1671	0.2623	0.0120	0.8536	0.5534
1133	981	Stage DL-C: DL-C: Step 2	-27.7967	1.3235	-0.2623	-0.0120	-1.6036	-0.6159
1134	979	Stage DL-C: DL-C: Step 2	-41.8754	4.0053	-0.4330	0.0156	-0.7601	1.4293
1134	982	Stage DL-C: DL-C: Step 2	41.8754	5.0493	0.4330	-0.0156	2.2340	-3.1623
1136	981	Stage DL-C: DL-C: Step 2	20.6628	1.0797	-0.1777	0.0065	1.8031	0.4633
1136	984	Stage DL-C: DL-C: Step 2	-20.6628	1.4126	0.1777	-0.0065	-1.0063	-1.0193
1137	982	Stage DL-C: DL-C: Step 2	-26.2559	4.3018	0.1503	0.0183	-2.2335	2.1662
1137	985	Stage DL-C: DL-C: Step 2	26.2559	4.7528	-0.1503	-0.0183	1.7267	-2.8439
1139	984	Stage DL-C: DL-C: Step 2	8.1255	1.1318	-0.5838	0.0068	1.0028	0.4045
1139	987	Stage DL-C: DL-C: Step 2	-8.1255	1.3586	0.5838	-0.0068	0.9613	-0.8158
1140	985	Stage DL-C: DL-C: Step 2	-14.5867	4.4345	0.5008	0.0264	-1.7246	2.2187
1140	988	Stage DL-C: DL-C: Step 2	14.5867	4.6330	-0.5008	-0.0264	0.9429	-2.5301
1141	987	Stage DL-C: DL-C: Step 2	5.1205	0.0833	0.1129	-0.0014	-0.4358	0.0027
1141	760	Stage DL-C: DL-C: Step 2	-5.3079	0.1337	-0.1129	0.0014	-0.3644	-0.2548
1142	988	Stage DL-C: DL-C: Step 2	4.8414	0.1310	0.2509	0.0061	-1.1637	0.3467

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1142	759	Stage DL-C: DL-C: Step 2	-4.8539	0.0650	-0.2509	-0.0061	-0.8380	-0.0066
1145	987	Stage DL-C: DL-C: Step 2	-5.0071	-0.1549	0.0000	0.0000	0.0000	-0.0855
1143	759	Stage DL-C: DL-C: Step 2	5.0071	-0.2375	0.0000	0.0000	0.0000	0.3122
1144	988	Stage DL-C: DL-C: Step 2	-1.8889	0.2218	0.0000	0.0000	0.0000	0.2571
1144	760	Stage DL-C: DL-C: Step 2	1.8889	0.1706	0.0000	0.0000	0.0000	-0.1226
1146	990	Stage DL-C: DL-C: Step 2	7.3964	0.0775	0.2213	0.0045	-0.5401	0.0847
1146	763	Stage DL-C: DL-C: Step 2	-7.5838	0.1185	-0.2213	-0.0045	-1.0671	-0.2338
1147	991	Stage DL-C: DL-C: Step 2	8.7991	0.1198	-0.3636	-0.0112	1.8256	0.1402
1147	762	Stage DL-C: DL-C: Step 2	-8.5987	0.0792	0.3636	0.0112	0.9606	-0.0034
1148	990	Stage DL-C: DL-C: Step 2	-4.9362	-0.2564	0.0000	0.0000	0.0000	-0.4272
1148	762	Stage DL-C: DL-C: Step 2	4.9362	-0.1361	0.0000	0.0000	0.0000	0.1114
1149	991	Stage DL-C: DL-C: Step 2	-4.4275	0.1139	0.0000	0.0000	0.0000	-0.1560
1149	763	Stage DL-C: DL-C: Step 2	4.4275	0.2795	0.0000	0.0000	0.0000	-0.2729
1151	990	Stage DL-C: DL-C: Step 2	7.7969	1.3879	0.3010	0.0171	0.3850	0.8360
1151	993	Stage DL-C: DL-C: Step 2	-7.7969	1.1600	-0.3010	-0.0171	-1.6008	-0.4465
1152	991	Stage DL-C: DL-C: Step 2	-16.5907	4.6007	-0.4218	-0.0339	-1.3126	2.3324
1152	994	Stage DL-C: DL-C: Step 2	16.5907	4.6623	0.4218	0.0339	2.7594	-2.4362
1154	993	Stage DL-C: DL-C: Step 2	22.7729	1.4570	0.1575	-0.0014	1.8030	1.0870
1154	996	Stage DL-C: DL-C: Step 2	-22.7729	1.0909	-0.1575	0.0014	-2.1440	-0.4682
1155	994	Stage DL-C: DL-C: Step 2	-27.6251	4.8617	-0.0609	-0.0204	-2.7908	3.1182
1155	997	Stage DL-C: DL-C: Step 2	27.6251	4.3813	0.0609	0.0204	2.9701	-2.2046
1157	996	Stage DL-C: DL-C: Step 2	30.1697	1.3548	-0.5379	-0.0179	2.1440	0.8043
1157	999	Stage DL-C: DL-C: Step 2	-30.1697	1.1931	0.5379	0.0179	-2.2961	-0.5765
1158	997	Stage DL-C: DL-C: Step 2	-44.5745	5.1639	0.9663	-0.0085	-2.9722	3.3340
1158	1000	Stage DL-C: DL-C: Step 2	44.5745	4.0994	-0.9663	0.0085	1.0249	-1.5061
1160	999	Stage DL-C: DL-C: Step 2	34.9132	1.3187	-0.8015	-0.0279	0.2951	0.8250
1160	1002	Stage DL-C: DL-C: Step 2	-34.9132	1.2393	0.8015	0.0279	2.4845	-0.6714
1161	1000	Stage DL-C: DL-C: Step 2	-36.7322	0.6258	1.3211	0.0020	-1.0249	1.0863
1161	1003	Stage DL-C: DL-C: Step 2	36.7322	-0.2456	-1.3211	-0.0020	-3.5136	0.3966
1162	1002	Stage DL-C: DL-C: Step 2	1.9027	0.1344	0.0146	0.0095	-0.0705	0.2851
1162	775	Stage DL-C: DL-C: Step 2	-1.6901	0.0918	-0.0146	-0.0039	-0.0356	-0.0310
1163	1003	Stage DL-C: DL-C: Step 2	-0.3356	0.0633	-0.0369	0.0032	0.1459	0.0725
1163	774	Stage DL-C: DL-C: Step 2	0.5230	0.1127	0.0369	-0.0032	0.1219	-0.1795
1164	1002	Stage DL-C: DL-C: Step 2	-1.0053	-0.2726	0.0000	0.0000	0.0000	-0.5351

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1164	774	Stage DL-C: DL-C: Step 2	1.0053	-0.1160	0.0000	0.0000	0.0000	0.1275
1165	1003	Stage DL-C: DL-C: Step 2	3.5562	0.1651	0.0000	0.0000	0.0000	0.0743
1165	775	Stage DL-C: DL-C: Step 2	-3.5562	0.2379	0.0000	0.0000	0.0000	-0.2379
1167	1002	Stage DL-C: DL-C: Step 2	33.0633	1.2519	0.6790	-0.0012	-2.4047	0.6932
1167	1005	Stage DL-C: DL-C: Step 2	-33.0633	1.2960	-0.6790	0.0012	0.0721	-0.7988
1168	1003	Stage DL-C: DL-C: Step 2	-43.9999	0.1533	-1.1491	-0.0360	3.4051	0.0372
1168	1006	Stage DL-C: DL-C: Step 2	43.9999	0.2286	1.1491	0.0360	0.5425	-0.1632
1170	1005	Stage DL-C: DL-C: Step 2	30.5955	1.2217	0.4240	-0.0065	-0.0696	0.6405
1170	1008	Stage DL-C: DL-C: Step 2	-30.5955	1.3262	-0.4240	0.0065	-1.3871	-0.8200
1171	1006	Stage DL-C: DL-C: Step 2	-40.7540	0.1056	-0.3914	-0.0261	-0.5448	-0.0365
1171	1009	Stage DL-C: DL-C: Step 2	40.7540	0.2741	0.3914	0.0261	1.8692	-0.2466
1173	1008	Stage DL-C: DL-C: Step 2	25.9135	1.1828	-0.3032	-0.0134	1.3687	0.5915
1173	1011	Stage DL-C: DL-C: Step 2	-25.9135	1.2634	0.3032	0.0134	-0.3473	-0.6712
1174	1009	Stage DL-C: DL-C: Step 2	-34.5894	0.0441	0.2845	-0.0263	-1.8908	-0.1377
1174	1012	Stage DL-C: DL-C: Step 2	34.5894	0.3359	-0.2845	0.0263	0.9134	-0.3636
1176	1011	Stage DL-C: DL-C: Step 2	19.8096	1.2022	-0.2075	-0.0210	0.3476	0.5873
1176	1014	Stage DL-C: DL-C: Step 2	-19.8096	1.3456	0.2075	0.0210	0.3654	-0.6339
1177	1012	Stage DL-C: DL-C: Step 2	-25.9082	0.0415	0.8287	-0.0197	-0.9144	-0.1773
1177	1015	Stage DL-C: DL-C: Step 2	25.9082	0.3584	-0.8287	0.0197	-1.9324	-0.3326
1178	1014	Stage DL-C: DL-C: Step 2	1.9686	0.1429	0.0719	0.0028	-0.3371	0.3444
1178	787	Stage DL-C: DL-C: Step 2	-2.1561	0.0631	-0.0719	-0.0028	-0.1853	-0.0182
1179	1015	Stage DL-C: DL-C: Step 2	-1.0548	0.0817	-0.0846	0.0028	0.3746	0.0014
1179	786	Stage DL-C: DL-C: Step 2	1.2402	0.1343	0.0846	-0.0028	0.2367	-0.2653
1180	1014	Stage DL-C: DL-C: Step 2	1.1973	-0.2535	0.0000	0.0000	0.0000	-0.5618
1180	788	Stage DL-C: DL-C: Step 2	-1.1973	-0.1389	0.0000	0.0000	0.0000	0.2610
1181	1015	Stage DL-C: DL-C: Step 2	2.2006	0.1108	0.0000	0.0000	0.0000	-0.0795
1181	787	Stage DL-C: DL-C: Step 2	-2.2006	0.2817	0.0000	0.0000	0.0000	-0.3700
1183	1014	Stage DL-C: DL-C: Step 2	9.7946	1.1644	0.4097	0.0184	-0.1154	0.5743
1183	1017	Stage DL-C: DL-C: Step 2	-9.7946	1.3835	-0.4097	-0.0184	-1.2922	-0.9506
1184	1015	Stage DL-C: DL-C: Step 2	-13.4823	-0.0074	-0.2064	-0.1571	1.8597	-0.1915
1184	1018	Stage DL-C: DL-C: Step 2	13.4823	0.3673	0.2064	0.1571	-0.9409	-0.4865
1186	1017	Stage DL-C: DL-C: Step 2	-1.5848	1.0524	-1.3784	0.2043	1.2788	0.3755
1186	1020	Stage DL-C: DL-C: Step 2	1.5848	1.4955	1.3784	-0.2043	3.4498	-1.1366
1187	1018	Stage DL-C: DL-C: Step 2	0.9202	-0.1229	-0.0813	-0.1412	0.9656	-0.4148

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1187	1021	Stage DL-C: DL-C: Step 2	-0.9202	0.5028	0.0813	0.1412	-0.6662	-0.6599
1188	1020	Stage DL-C: DL-C: Step 2	-15.8313	1.0033	0.5035	0.0003	-3.4705	0.2727
1189	1023	Stage DL-C: DL-C: Step 2	15.8313	1.3446	-0.5035	-0.0003	1.7408	-1.2024
1190	1021	Stage DL-C: DL-C: Step 2	19.7453	-0.1934	-0.1371	0.0093	0.7146	-0.5255
1190	1024	Stage DL-C: DL-C: Step 2	-19.7453	0.5733	0.1371	-0.0093	-0.2437	-0.7915
1192	1023	Stage DL-C: DL-C: Step 2	-31.4820	1.0731	3.8219	-0.2435	-11.7484	0.3493
1192	1026	Stage DL-C: DL-C: Step 2	31.4820	1.4746	-3.8219	0.2435	-11.7484	-1.0394
1193	1024	Stage DL-C: DL-C: Step 2	40.1783	-0.1363	-0.5276	0.1791	0.2174	-0.4918
1193	1027	Stage DL-C: DL-C: Step 2	-40.1783	0.5162	0.5276	-0.1791	1.5859	-0.6288
1194	1026	Stage DL-C: DL-C: Step 2	3.4634	0.2293	0.2439	-0.0005	-1.1698	0.7525
1194	799	Stage DL-C: DL-C: Step 2	-3.6408	-0.0333	-0.2439	0.0005	-0.6022	0.2014
1195	1027	Stage DL-C: DL-C: Step 2	-1.6960	0.0363	-0.1810	0.0021	0.7453	-0.1959
1195	798	Stage DL-C: DL-C: Step 2	1.8654	0.1597	0.1810	-0.0021	0.5696	-0.2525
1196	1028	Stage DL-C: DL-C: Step 2	5.8840	-0.6635	0.0000	0.0000	0.0000	-1.8195
1196	798	Stage DL-C: DL-C: Step 2	-5.8840	0.2711	0.0000	0.0000	0.0000	-0.8338
1197	1027	Stage DL-C: DL-C: Step 2	-1.7195	-0.0999	0.0000	0.0000	0.0000	-0.6427
1197	799	Stage DL-C: DL-C: Step 2	1.7195	0.4823	0.0000	0.0000	0.0000	-0.7118
1199	1028	Stage DL-C: DL-C: Step 2	-52.9818	1.0335	-5.2199	0.3730	12.3850	0.3808
1199	1029	Stage DL-C: DL-C: Step 2	52.9818	1.3144	5.2199	-0.3730	5.3474	-1.2188
1200	1027	Stage DL-C: DL-C: Step 2	84.8462	-0.1706	1.5736	-0.4527	-2.1217	-0.4132
1200	1030	Stage DL-C: DL-C: Step 2	-84.8462	0.5508	-1.5736	0.4527	-3.2841	-0.8266
1202	1029	Stage DL-C: DL-C: Step 2	-72.1111	0.6129	-1.4338	0.1453	-6.3638	0.1347
1202	1032	Stage DL-C: DL-C: Step 2	72.1111	1.6351	1.4338	-0.1453	10.3088	-1.3752
1203	1030	Stage DL-C: DL-C: Step 2	88.8449	-0.3230	0.4097	-0.1818	3.3427	-0.7362
1203	1033	Stage DL-C: DL-C: Step 2	-88.8449	0.7029	-0.4097	0.1818	-4.8534	-1.0261
1205	1032	Stage DL-C: DL-C: Step 2	-85.0402	0.8881	1.7593	-0.1431	-10.3082	0.0983
1205	1035	Stage DL-C: DL-C: Step 2	85.0402	1.8598	-1.7593	0.1431	4.2844	-1.4240
1206	1033	Stage DL-C: DL-C: Step 2	119.0560	-0.3683	-1.0807	0.1918	4.8027	-0.8185
1206	1036	Stage DL-C: DL-C: Step 2	-119.0560	0.7683	1.0807	-0.1918	-1.1058	-1.1707
1208	1035	Stage DL-C: DL-C: Step 2	-118.6530	0.8635	8.5795	-0.3721	-4.2290	0.1948
1208	1038	Stage DL-C: DL-C: Step 2	118.6530	1.5844	-8.5795	0.3721	-18.3740	-1.1928
1209	1036	Stage DL-C: DL-C: Step 2	149.8129	-0.2955	-3.2277	0.4505	1.9470	-0.7517
1209	1039	Stage DL-C: DL-C: Step 2	-149.8129	0.6754	3.2277	-0.4505	10.0418	-0.9159
1210	1038	Stage DL-C: DL-C: Step 2	9.3215	0.2229	0.2892	-0.0073	-1.3042	0.7044

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
1210	811	Stage DL-C: DL-C: Step 2	-9.5080	-0.0256	-0.2682	0.0073	-0.7964	0.2007
1211	1039	Stage DL-C: DL-C: Step 2	-6.2410	0.0284	-0.2703	-0.0028	1.1314	-0.2745
1211	810	Stage DL-C: DL-C: Step 2	6.4284	0.1679	0.2703	0.0028	0.8016	-0.2312
1212	1038	Stage DL-C: DL-C: Step 2	9.7674	-0.5727	0.0000	0.0000	0.0000	-1.4988
1212	810	Stage DL-C: DL-C: Step 2	-9.7674	0.1603	0.0000	0.0000	0.0000	-0.4775
1213	1039	Stage DL-C: DL-C: Step 2	-6.8530	-0.2675	0.0000	0.0000	0.0000	-1.4040
1213	811	Stage DL-C: DL-C: Step 2	6.8530	0.6600	0.0000	0.0000	0.0000	-1.0304
1215	1038	Stage DL-C: DL-C: Step 2	-146.9741	1.0157	-6.4642	0.3124	16.3088	0.3584
1215	1041	Stage DL-C: DL-C: Step 2	146.9741	1.9332	6.4642	-0.3124	8.8080	-1.2456
1216	1039	Stage DL-C: DL-C: Step 2	181.9775	-0.1044	5.0618	-0.2933	-10.6568	-0.3392
1216	1042	Stage DL-C: DL-C: Step 2	-181.9775	0.4643	-5.0618	0.2933	-6.5983	-0.6720
1218	1041	Stage DL-C: DL-C: Step 2	-212.4107	0.0686	-1.8818	0.2202	-9.8736	-1.9736
1218	1044	Stage DL-C: DL-C: Step 2	212.4107	2.7245	1.8818	-0.2202	16.3718	-2.5921
1219	1042	Stage DL-C: DL-C: Step 2	200.7780	-0.2587	1.8208	-0.0599	6.6409	-0.5082
1219	1045	Stage DL-C: DL-C: Step 2	-200.7780	0.6397	-1.8208	0.0599	-12.8960	-1.0367
1221	1044	Stage DL-C: DL-C: Step 2	-252.3910	0.7418	3.0989	-0.5642	-18.3657	0.2239
1221	1047	Stage DL-C: DL-C: Step 2	252.3910	3.0493	-3.0989	0.5642	5.7196	-2.4700
1222	1045	Stage DL-C: DL-C: Step 2	230.1585	-0.3580	-2.0010	0.1981	12.8867	-0.7857
1222	1048	Stage DL-C: DL-C: Step 2	-230.1585	0.7360	2.0010	-0.1981	-6.0124	-1.0969
1224	1047	Stage DL-C: DL-C: Step 2	-298.2434	1.0131	9.7767	-1.2215	-5.7025	0.2175
1224	1050	Stage DL-C: DL-C: Step 2	298.2434	1.7790	-9.7767	1.2215	-27.8844	-1.5308
1225	1048	Stage DL-C: DL-C: Step 2	257.6202	-0.2113	-6.5240	0.3514	5.9796	-0.6252
1225	1051	Stage DL-C: DL-C: Step 2	-257.6202	0.5912	6.5240	-0.3514	16.4027	-0.7532
1226	1050	Stage DL-C: DL-C: Step 2	30.3503	0.2308	0.0258	-0.0090	-0.0727	0.8525
1226	823	Stage DL-C: DL-C: Step 2	-30.5377	-0.0346	-0.0258	0.0090	-0.1143	0.1106
1227	1051	Stage DL-C: DL-C: Step 2	-0.7599	0.1149	0.0688	-0.0088	-0.2667	0.0603
1227	822	Stage DL-C: DL-C: Step 2	0.9473	0.0810	-0.0688	0.0088	-0.2110	0.0729
1228	1050	Stage DL-C: DL-C: Step 2	2.5802	-0.8066	0.0000	0.0000	0.0000	-2.4832
1228	822	Stage DL-C: DL-C: Step 2	-2.5802	0.4141	0.0000	0.0000	0.0000	-0.7206
1229	1051	Stage DL-C: DL-C: Step 2	-17.3460	-0.4288	0.0000	0.0000	0.0000	-1.8400
1229	823	Stage DL-C: DL-C: Step 2	17.3460	0.8212	0.0000	0.0000	0.0000	-1.4407
1231	1050	Stage DL-C: DL-C: Step 2	-359.8201	2.0225	-9.5301	1.5837	27.9274	1.9400
1231	1053	Stage DL-C: DL-C: Step 2	359.8201	0.7686	9.5301	-1.5837	4.8124	0.2137
1232	1051	Stage DL-C: DL-C: Step 2	250.9115	0.7535	6.1304	-0.1907	-16.2197	0.9827

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
1232	1054	Stage DL-C: DL-C: Step 2	-250.9115	-0.3736	-6.1304	0.1907	-4.8438	0.9434
1234	1053	Stage DL-C: DL-C: Step 2	-232.3784	2.3062	-3.0375	0.5999	-4.8360	2.8883
1234	1056	Stage DL-C: DL-C: Step 2	232.3784	0.4849	3.0375	-0.5999	15.2709	0.2401
1235	1054	Stage DL-C: DL-C: Step 2	211.9606	0.9582	1.8300	-0.0456	4.8823	1.4747
1235	1057	Stage DL-C: DL-C: Step 2	-211.9606	-0.5793	-1.8300	0.0456	-11.1681	1.1678
1237	1056	Stage DL-C: DL-C: Step 2	-179.5353	2.9545	1.5039	0.0649	-10.2828	2.9874
1237	1059	Stage DL-C: DL-C: Step 2	179.5353	-0.1834	-1.5039	-0.0649	10.1191	2.3862
1238	1057	Stage DL-C: DL-C: Step 2	169.8129	0.8674	-1.5456	0.1961	11.1636	1.4461
1238	1060	Stage DL-C: DL-C: Step 2	-169.8129	-0.5175	1.5456	-0.1961	-5.8740	0.9842
1240	1059	Stage DL-C: DL-C: Step 2	-109.5292	1.3607	7.1233	-0.2189	-10.0905	1.3078
1240	1062	Stage DL-C: DL-C: Step 2	109.5292	0.9673	-7.1233	0.2189	-14.3807	-0.2540
1241	1060	Stage DL-C: DL-C: Step 2	137.1210	0.6832	-4.1366	0.4103	5.8443	1.0832
1241	1063	Stage DL-C: DL-C: Step 2	-137.1210	-0.3033	4.1366	-0.4103	8.3662	0.8413
1242	1062	Stage DL-C: DL-C: Step 2	8.1893	0.2187	-0.3433	-0.0083	1.8881	0.7010
1242	835	Stage DL-C: DL-C: Step 2	-8.3767	-0.0227	0.3433	0.0083	0.7951	0.1755
1243	1063	Stage DL-C: DL-C: Step 2	-5.5886	0.0442	0.4298	-0.0151	-1.7319	-0.1964
1243	834	Stage DL-C: DL-C: Step 2	5.7760	0.1518	-0.4298	0.0151	-1.3887	-0.2247
1244	1062	Stage DL-C: DL-C: Step 2	6.3983	-0.5529	0.0000	0.0000	3.0000	-1.4952
1244	834	Stage DL-C: DL-C: Step 2	-6.3983	0.1604	0.0000	0.0000	3.0000	-0.5770
1245	1063	Stage DL-C: DL-C: Step 2	-3.6256	-0.1988	0.0000	0.0000	0.0000	-1.0170
1245	835	Stage DL-C: DL-C: Step 2	3.6256	0.5590	0.0000	0.0000	0.0000	-0.8672
1247	1062	Stage DL-C: DL-C: Step 2	-70.9775	1.6837	-4.5763	0.2939	13.1480	1.3607
1247	1065	Stage DL-C: DL-C: Step 2	70.9775	0.8643	4.5763	-0.2939	2.5756	0.0467
1248	1063	Stage DL-C: DL-C: Step 2	89.9899	0.8426	1.6027	-0.1016	-7.1025	1.1394
1248	1066	Stage DL-C: DL-C: Step 2	-89.9899	-0.4627	-1.6027	0.1016	1.5965	1.1027
1250	1065	Stage DL-C: DL-C: Step 2	-37.7781	1.8283	-0.6152	0.0309	-2.5991	1.5991
1250	1068	Stage DL-C: DL-C: Step 2	37.7781	0.7187	0.6152	-0.0309	4.7115	0.2088
1251	1066	Stage DL-C: DL-C: Step 2	47.4927	1.0117	0.5418	0.0787	-1.5635	1.5618
1251	1069	Stage DL-C: DL-C: Step 2	-47.4927	-0.6318	-0.5418	-0.0787	-5.2976	1.2612
1253	1068	Stage DL-C: DL-C: Step 2	-5.5568	1.7585	1.4819	-0.1711	-4.6951	1.5985
1253	1071	Stage DL-C: DL-C: Step 2	5.5568	0.7695	-1.4819	0.1711	-0.4302	0.0659
1254	1069	Stage DL-C: DL-C: Step 2	5.2848	0.9307	0.2135	0.2391	0.2737	1.3656
1254	1072	Stage DL-C: DL-C: Step 2	-5.2848	-0.5308	-0.2135	-0.2391	-1.0071	1.1491
1256	1071	Stage DL-C: DL-C: Step 2	20.7619	1.5450	-0.3166	0.0223	0.4369	1.2729

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
1256	1074	Stage DL-C: DL-C: Step 2	-30.7618	1.0030	0.3166	-0.0223	0.6489	-0.5418
1257	1072	Stage DL-C: DL-C: Step 2	-30.4579	0.7025	0.4645	0.2622	0.9676	1.0853
1257	1075	Stage DL-C: DL-C: Step 2	30.4579	-0.3225	-0.4645	-0.2622	-2.5831	0.6753
1258	1074	Stage DL-C: DL-C: Step 2	1.7117	0.1489	-0.1703	-0.0132	0.8340	0.3869
1258	847	Stage DL-C: DL-C: Step 2	-1.8991	0.0470	0.1703	0.0132	0.4030	-0.0165
1259	1075	Stage DL-C: DL-C: Step 2	-0.8475	0.0622	0.2516	-0.0135	-1.1286	0.0222
1259	848	Stage DL-C: DL-C: Step 2	1.0349	0.1338	-0.2516	0.0135	-0.7733	-0.2825
1260	1074	Stage DL-C: DL-C: Step 2	-0.0993	-0.2739	0.0000	0.0000	0.0000	-0.6757
1260	848	Stage DL-C: DL-C: Step 2	0.0993	-0.1185	0.0000	0.0000	0.0000	0.2980
1261	1075	Stage DL-C: DL-C: Step 2	4.1242	0.1251	0.0000	0.0000	0.0000	0.0071
1261	847	Stage DL-C: DL-C: Step 2	-4.1242	0.2674	0.0000	0.0000	0.0000	-0.3608
1263	1074	Stage DL-C: DL-C: Step 2	48.4750	1.4991	0.9859	0.0587	-1.2696	1.0478
1263	1077	Stage DL-C: DL-C: Step 2	-48.4750	1.0498	-0.9859	-0.0587	-2.1528	-0.2776
1264	1076	Stage DL-C: DL-C: Step 2	-66.0302	0.6523	-2.1301	0.1100	3.4132	0.7634
1264	1078	Stage DL-C: DL-C: Step 2	66.0302	-0.2724	2.1301	-0.1100	3.9047	0.7948
1266	1077	Stage DL-C: DL-C: Step 2	69.1830	1.5783	0.5044	0.0453	2.1498	1.3467
1266	1080	Stage DL-C: DL-C: Step 2	-69.1830	0.9698	-0.5044	-0.0453	-3.8426	-0.2011
1267	1078	Stage DL-C: DL-C: Step 2	-95.7817	0.7502	-0.6827	0.1055	-3.9012	1.0602
1267	1081	Stage DL-C: DL-C: Step 2	95.7817	-0.3703	0.6827	-0.1055	6.2809	0.6645
1269	1080	Stage DL-C: DL-C: Step 2	89.9001	1.5504	-1.0759	0.0301	3.8764	1.1898
1269	1083	Stage DL-C: DL-C: Step 2	-89.9001	0.9975	1.0759	-0.0301	-0.1801	-0.2401
1270	1081	Stage DL-C: DL-C: Step 2	-124.2553	0.8690	1.2639	0.0911	-8.2744	0.8227
1270	1084	Stage DL-C: DL-C: Step 2	124.2553	-0.3091	-1.2639	-0.0911	1.9325	0.7918
1272	1083	Stage DL-C: DL-C: Step 2	107.1881	1.4407	-2.6784	0.0287	0.1713	1.0485
1272	1086	Stage DL-C: DL-C: Step 2	-107.1881	1.1073	2.6784	-0.0287	9.0301	-0.4756
1273	1084	Stage DL-C: DL-C: Step 2	-148.4331	0.5327	3.7004	0.0967	-7.8232	0.7203
1273	1087	Stage DL-C: DL-C: Step 2	148.4331	-0.1527	-3.7004	-0.0967	-10.7681	0.4572
1274	1086	Stage DL-C: DL-C: Step 2	-2.1883	0.1452	-0.0957	-0.0106	0.4661	0.3633
1274	859	Stage DL-C: DL-C: Step 2	1.9899	0.0508	0.0957	0.0106	0.1972	-0.0502
1275	1087	Stage DL-C: DL-C: Step 2	2.5328	0.0867	0.1581	-0.0105	-0.7122	0.1591
1275	859	Stage DL-C: DL-C: Step 2	-2.3453	0.1079	-0.1581	0.0105	-0.4219	-0.2265
1276	1088	Stage DL-C: DL-C: Step 2	-8.2250	-0.3580	0.0000	0.0000	0.0000	-0.8246
1276	859	Stage DL-C: DL-C: Step 2	9.2250	-0.0340	0.0000	0.0000	0.0000	0.0755
1277	1087	Stage DL-C: DL-C: Step 2	8.9241	0.2715	0.0000	0.0000	0.0000	0.5304

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
1277	859	Stage DL-C: DL-C: Step 2	-8.9241	0.1210	0.0000	0.0000	0.0000	-0.1359
1278	1088	Stage DL-C: DL-C: Step 2	125.0971	1.3693	3.6706	0.0553	-9.4006	0.8713
1278	1089	Stage DL-C: DL-C: Step 2	-125.0971	1.1588	-3.6706	-0.0553	-3.2096	-0.4751
1280	1087	Stage DL-C: DL-C: Step 2	-170.5176	0.4468	-5.1182	0.0856	11.3146	0.4465
1280	1090	Stage DL-C: DL-C: Step 2	170.5176	-0.0669	5.1182	-0.0856	9.2686	0.4359
1282	1089	Stage DL-C: DL-C: Step 2	136.0854	1.4252	1.5458	0.0392	3.2111	0.9679
1282	1092	Stage DL-C: DL-C: Step 2	-136.0854	1.1228	-1.5458	-0.0392	-6.5215	-0.4465
1283	1090	Stage DL-C: DL-C: Step 2	-186.2678	0.4724	-1.9612	0.0778	-6.2705	0.5428
1283	1093	Stage DL-C: DL-C: Step 2	186.2678	-0.0925	1.9612	-0.0778	13.0081	0.4277
1285	1092	Stage DL-C: DL-C: Step 2	145.9936	1.3979	-1.1355	0.0042	8.5191	0.9170
1285	1095	Stage DL-C: DL-C: Step 2	-145.9936	1.1501	1.1355	-0.0042	-4.6183	-0.4914
1286	1093	Stage DL-C: DL-C: Step 2	-199.7819	0.4094	1.4426	0.0276	-13.0056	0.4201
1286	1096	Stage DL-C: DL-C: Step 2	199.7819	-0.0295	-1.4426	-0.0276	8.9497	0.3339
1288	1095	Stage DL-C: DL-C: Step 2	153.4800	1.3536	-3.7285	-0.0126	4.8107	0.8509
1288	1098	Stage DL-C: DL-C: Step 2	-153.4800	1.1945	3.7285	0.0126	8.1983	-0.5777
1289	1096	Stage DL-C: DL-C: Step 2	-209.7422	0.3250	5.0678	0.0062	-8.0418	0.3928
1289	1099	Stage DL-C: DL-C: Step 2	209.7422	0.0549	-5.0678	-0.0062	-9.3663	0.1710
1290	1098	Stage DL-C: DL-C: Step 2	-2.4631	0.1483	-0.0236	0.0019	0.0275	0.4123
1290	871	Stage DL-C: DL-C: Step 2	2.2757	0.0477	0.0236	-0.0019	0.1436	-0.0474
1291	1099	Stage DL-C: DL-C: Step 2	2.4418	0.0892	0.0732	0.0000	-0.1467	0.1666
1291	870	Stage DL-C: DL-C: Step 2	-2.2544	0.1068	-0.0732	0.0000	-0.3827	-0.2305
1292	1098	Stage DL-C: DL-C: Step 2	-7.6283	-0.3717	0.0000	0.0000	0.0000	-0.8624
1292	870	Stage DL-C: DL-C: Step 2	7.6283	-0.0207	0.0000	0.0000	0.0000	0.0810
1293	1099	Stage DL-C: DL-C: Step 2	11.0320	0.2751	0.0000	0.0000	0.0000	0.5569
1293	871	Stage DL-C: DL-C: Step 2	-11.0320	0.1174	0.0000	0.0000	0.0000	-0.1430
1295	1099	Stage DL-C: DL-C: Step 2	158.1315	1.3030	2.8058	-0.0063	-8.2183	0.7536
1295	1101	Stage DL-C: DL-C: Step 2	-158.1315	1.2450	-2.8058	0.0063	-1.4207	-0.6539
1296	1099	Stage DL-C: DL-C: Step 2	-215.9676	0.2386	-3.8473	-0.0185	9.4772	0.1182
1296	1102	Stage DL-C: DL-C: Step 2	215.9676	0.1414	3.8472	0.0185	3.7394	0.0476
1298	1101	Stage DL-C: DL-C: Step 2	159.2943	1.2739	0.0013	0.0000	1.4240	0.7023
1298	1104	Stage DL-C: DL-C: Step 2	-159.2943	1.2741	-0.0013	0.0000	-1.4288	-0.7027
1299	1102	Stage DL-C: DL-C: Step 2	-217.3916	0.1901	0.0015	0.0000	-3.7433	0.0399
1299	1105	Stage DL-C: DL-C: Step 2	217.3916	0.1899	-0.0015	0.0000	3.7381	-0.0398
1301	1104	Stage DL-C: DL-C: Step 2	158.0484	1.2417	-2.8030	0.0053	1.4253	0.6500

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1301	1107	Stage:DL-C: DL-C: Step 2	-158.0464	1.3063	2.8030	-0.0053	8.2041	-0.7810
1302	1106	Stage:DL-C: DL-C: Step 2	-216.0448	0.1462	3.8503	0.0165	-3.7342	-0.0432
1302	1108	Stage:DL-C: DL-C: Step 2	216.0448	0.2347	-3.8503	-0.0165	-9.4932	-0.1105
1303	1107	Stage:DL-C: DL-C: Step 2	-2.4628	0.1483	0.0191	-0.0014	0.0081	0.4125
1303	860	Stage:DL-C: DL-C: Step 2	2.3754	0.0477	-0.0191	0.0014	-0.1465	-0.0474
1304	1108	Stage:DL-C: DL-C: Step 2	2.4409	0.0662	-0.0729	-0.0010	0.1663	0.1668
1304	879	Stage:DL-C: DL-C: Step 2	-2.2554	0.1068	0.0729	0.0010	0.3430	-0.2304
1305	1107	Stage:DL-C: DL-C: Step 2	-7.6270	-0.3717	0.0000	0.0000	0.0000	-0.9823
1305	879	Stage:DL-C: DL-C: Step 2	7.6270	-0.0357	0.0000	0.0000	0.0000	0.0611
1306	1108	Stage:DL-C: DL-C: Step 2	11.0348	0.2781	0.0000	0.0000	0.0000	0.5570
1306	880	Stage:DL-C: DL-C: Step 2	-11.0348	0.1173	0.0000	0.0000	0.0000	-0.1429
1308	1107	Stage:DL-C: DL-C: Step 2	153.5600	1.1911	3.7302	0.0129	-8.2093	0.5702
1308	1110	Stage:DL-C: DL-C: Step 2	-153.5600	1.3568	-3.7302	-0.0129	-4.8054	-0.8548
1309	1108	Stage:DL-C: DL-C: Step 2	-208.6817	0.0588	-5.0668	-0.0062	9.3579	-0.1623
1309	1111	Stage:DL-C: DL-C: Step 2	208.6817	0.3212	5.0668	0.0062	8.0477	-0.2884
1311	1110	Stage:DL-C: DL-C: Step 2	145.8922	1.1300	1.1372	-0.0042	4.8130	0.4812
1311	1113	Stage:DL-C: DL-C: Step 2	-145.8922	1.3679	-1.1372	0.0042	-6.5186	-0.9170
1312	1111	Stage:DL-C: DL-C: Step 2	-199.7967	-0.0294	-1.4410	-0.0276	-8.0556	-0.3336
1312	1114	Stage:DL-C: DL-C: Step 2	199.7967	0.4093	1.4410	0.0276	13.0082	-0.4189
1314	1113	Stage:DL-C: DL-C: Step 2	136.0794	1.1227	-1.5441	-0.0392	8.5220	0.4465
1314	1116	Stage:DL-C: DL-C: Step 2	-136.0794	1.4252	1.5441	0.0392	-3.2174	-0.9681
1315	1114	Stage:DL-C: DL-C: Step 2	-186.2912	-0.0923	1.9633	-0.0778	-13.0086	-0.4275
1315	1117	Stage:DL-C: DL-C: Step 2	186.2912	0.4722	-1.9633	0.0778	6.2640	-0.5423
1317	1116	Stage:DL-C: DL-C: Step 2	125.0085	1.1553	-3.6689	-0.0553	3.2158	0.4711
1317	1119	Stage:DL-C: DL-C: Step 2	-125.0085	1.3928	3.6689	0.0553	9.3662	-0.8788
1318	1117	Stage:DL-C: DL-C: Step 2	-170.6189	-0.0830	5.1208	-0.0956	-6.2621	-0.4314
1318	1120	Stage:DL-C: DL-C: Step 2	170.6189	0.4429	-5.1208	0.0956	-11.3303	-0.4377
1319	1119	Stage:DL-C: DL-C: Step 2	-2.1851	0.1453	0.0911	0.0111	-0.4622	0.3934
1319	882	Stage:DL-C: DL-C: Step 2	1.9879	0.0507	-0.0911	-0.0111	-0.1992	-0.0501
1320	1120	Stage:DL-C: DL-C: Step 2	2.5307	0.0687	-0.1561	0.0096	0.7503	0.1591
1320	881	Stage:DL-C: DL-C: Step 2	-2.3433	0.1073	0.1561	-0.0096	0.3634	-0.2265
1321	1119	Stage:DL-C: DL-C: Step 2	-8.2267	-0.3560	0.0000	0.0000	0.0000	-0.8247
1321	881	Stage:DL-C: DL-C: Step 2	8.2267	-0.0346	0.0000	0.0000	0.0000	0.0758
1322	1120	Stage:DL-C: DL-C: Step 2	9.8291	0.2715	0.0000	0.0000	0.0000	0.5305

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1322	882	Stage:DL-C: DL-C: Step 2	-9.8291	0.1210	0.0000	0.0000	0.0000	-0.1355
1324	1119	Stage:DL-C: DL-C: Step 2	107.2426	1.1040	2.6804	-0.0288	-9.0433	0.4883
1324	1122	Stage:DL-C: DL-C: Step 2	-107.2426	1.4440	-2.6804	0.0288	-0.1650	-1.0524
1325	1120	Stage:DL-C: DL-C: Step 2	-148.3952	-0.1489	-3.6896	-0.0987	10.7780	-0.4482
1325	1123	Stage:DL-C: DL-C: Step 2	148.3952	0.5298	3.6896	0.0987	1.8917	-0.7159
1327	1122	Stage:DL-C: DL-C: Step 2	89.8899	0.9974	1.0790	-0.0301	0.1736	0.2399
1327	1125	Stage:DL-C: DL-C: Step 2	-89.8899	1.5505	-1.0790	0.0301	-3.5770	-1.1898
1328	1123	Stage:DL-C: DL-C: Step 2	-134.2957	-0.3090	-1.2622	-0.0911	-1.9410	-0.7915
1328	1126	Stage:DL-C: DL-C: Step 2	134.2957	0.6689	1.2622	0.0911	8.2771	-0.9225
1330	1125	Stage:DL-C: DL-C: Step 2	89.1659	0.9696	-0.5025	-0.0453	3.8632	0.2011
1330	1128	Stage:DL-C: DL-C: Step 2	-89.1659	1.5764	0.5025	0.0453	-2.1570	-1.2469
1331	1126	Stage:DL-C: DL-C: Step 2	-95.8266	-0.3702	0.6954	-0.1065	-8.2636	-0.8643
1331	1129	Stage:DL-C: DL-C: Step 2	95.8266	0.7501	-0.6954	0.1065	3.8946	-1.0599
1333	1129	Stage:DL-C: DL-C: Step 2	48.3711	1.0466	-0.9833	-0.0567	2.1586	0.2736
1333	1131	Stage:DL-C: DL-C: Step 2	-48.3711	1.5014	0.9833	0.0567	1.2626	-1.0051
1334	1129	Stage:DL-C: DL-C: Step 2	-96.1555	-0.2668	3.1340	-0.1100	-3.8981	-0.7903
1334	1132	Stage:DL-C: DL-C: Step 2	96.1555	0.8484	-2.1340	0.1100	-3.4332	-0.7845
1335	1131	Stage:DL-C: DL-C: Step 2	1.7084	0.1468	0.1655	0.0137	-0.7975	0.3965
1335	904	Stage:DL-C: DL-C: Step 2	-1.6956	0.0471	-0.1655	-0.0137	-0.4046	-0.0166
1336	1132	Stage:DL-C: DL-C: Step 2	-0.8436	0.0621	-0.2816	0.0125	1.1653	0.0221
1336	903	Stage:DL-C: DL-C: Step 2	1.0310	0.1336	0.2816	-0.0125	0.7349	-0.2825
1337	1131	Stage:DL-C: DL-C: Step 2	-0.0909	-0.2738	0.0000	0.0000	0.0000	-0.6753
1337	903	Stage:DL-C: DL-C: Step 2	0.0909	-0.1167	0.0000	0.0000	0.0000	0.2881
1338	1132	Stage:DL-C: DL-C: Step 2	4.1270	0.1252	0.0000	0.0000	0.0000	0.0074
1338	904	Stage:DL-C: DL-C: Step 2	-4.1270	0.2672	0.0000	0.0000	0.0000	-0.3602
1340	1131	Stage:DL-C: DL-C: Step 2	20.8128	0.9997	0.3166	-0.0223	-0.8596	0.3344
1340	1134	Stage:DL-C: DL-C: Step 2	-20.8128	1.5483	-0.3166	0.0223	-0.4295	-1.2767
1341	1132	Stage:DL-C: DL-C: Step 2	-30.4382	-0.5167	-0.4646	-0.2622	2.5759	-0.6660
1341	1135	Stage:DL-C: DL-C: Step 2	30.4382	0.6686	0.4646	0.2622	-0.9790	-1.0809
1343	1134	Stage:DL-C: DL-C: Step 2	-5.5984	0.7696	-1.4900	0.1712	0.4209	-0.0658
1343	1137	Stage:DL-C: DL-C: Step 2	5.5984	1.7583	1.4900	-0.1712	4.8679	-1.5981
1344	1135	Stage:DL-C: DL-C: Step 2	6.2091	-0.5509	-0.2125	-0.2391	0.9666	-1.1469
1344	1138	Stage:DL-C: DL-C: Step 2	-6.2091	0.9006	0.2125	0.2391	-0.2688	-1.3954
1346	1137	Stage:DL-C: DL-C: Step 2	-57.8188	0.7189	0.6174	-0.0309	-4.7143	-0.2081

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1346	1140	Stage DL-C: DL-C: Step 2	37.6168	1.8290	-0.6174	0.0309	2.9832	-1.6867
1347	1138	Stage DL-C: DL-C: Step 2	47.4256	-0.6318	-0.5391	-0.0788	0.2629	-1.2606
1347	1141	Stage DL-C: DL-C: Step 2	-47.4256	1.0115	0.5391	0.0788	1.5583	-1.5614
1348	1140	Stage DL-C: DL-C: Step 2	-71.1001	0.8611	4.5793	-0.2940	-2.5705	-0.0502
1348	1143	Stage DL-C: DL-C: Step 2	71.1001	1.6668	-4.5793	0.2940	-13.1811	-1.3680
1350	1141	Stage DL-C: DL-C: Step 2	88.8251	-0.4586	-1.5884	0.1017	-1.9823	-1.0860
1350	1144	Stage DL-C: DL-C: Step 2	-88.8251	0.8586	1.5884	-0.1017	7.0833	-1.1303
1351	1143	Stage DL-C: DL-C: Step 2	8.1797	0.2187	0.3378	0.0088	-1.6590	0.7012
1351	916	Stage DL-C: DL-C: Step 2	-8.3671	-0.0227	-0.3378	-0.0088	-0.7946	0.1758
1352	1144	Stage DL-C: DL-C: Step 2	-5.5807	0.0441	-0.4302	0.0141	1.7719	-0.1988
1352	915	Stage DL-C: DL-C: Step 2	5.7681	0.1519	0.4302	-0.0141	1.3526	-0.2248
1353	1143	Stage DL-C: DL-C: Step 2	6.4058	-0.5531	0.0000	0.0000	0.0000	-1.4958
1353	915	Stage DL-C: DL-C: Step 2	-6.4058	0.1607	0.0000	0.0000	0.0000	-0.3777
1354	1144	Stage DL-C: DL-C: Step 2	-3.6254	-0.1564	0.0000	0.0000	0.0000	-1.0187
1354	916	Stage DL-C: DL-C: Step 2	3.6254	0.5568	0.0000	0.0000	0.0000	-0.8887
1356	1143	Stage DL-C: DL-C: Step 2	-109.4818	0.9841	-7.1214	0.2170	14.3880	0.2467
1356	1148	Stage DL-C: DL-C: Step 2	109.4818	1.5839	7.1214	-0.2170	10.0988	-1.3114
1357	1144	Stage DL-C: DL-C: Step 2	137.1253	-0.2993	4.1367	-0.4104	-8.3702	-0.6321
1357	1147	Stage DL-C: DL-C: Step 2	-137.1253	0.6792	-4.1367	0.4104	-5.8359	-1.0484
1359	1146	Stage DL-C: DL-C: Step 2	-179.5836	-0.1828	-1.5012	-0.0648	-10.1228	-2.3871
1359	1149	Stage DL-C: DL-C: Step 2	179.5836	2.6839	1.5012	0.0648	15.2799	-2.8864
1360	1147	Stage DL-C: DL-C: Step 2	168.7390	-0.5175	1.5476	-0.1961	5.8856	-0.9841
1360	1150	Stage DL-C: DL-C: Step 2	-168.7390	0.8874	-1.5476	0.1961	-11.1823	-1.4462
1362	1148	Stage DL-C: DL-C: Step 2	-232.4336	0.4689	3.0408	-0.6969	-15.2660	-0.2375
1362	1152	Stage DL-C: DL-C: Step 2	232.4336	2.3042	-3.0408	0.6968	4.8219	-2.8840
1363	1150	Stage DL-C: DL-C: Step 2	211.8972	-0.5795	-1.8262	0.0456	11.1676	-1.1663
1363	1153	Stage DL-C: DL-C: Step 2	-211.8972	0.8595	1.8262	-0.0456	-4.8941	-1.4752
1365	1152	Stage DL-C: DL-C: Step 2	-289.9858	0.7816	8.5345	-1.5841	-4.7982	-0.2196
1365	1156	Stage DL-C: DL-C: Step 2	289.9858	2.0295	-8.5345	1.5841	-27.8568	-1.9584
1366	1153	Stage DL-C: DL-C: Step 2	250.7308	-0.3968	-6.1248	0.1908	4.8036	-0.9350
1366	1156	Stage DL-C: DL-C: Step 2	-250.7308	0.7485	6.1248	-0.1908	16.1856	-0.8763
1367	1155	Stage DL-C: DL-C: Step 2	30.3523	0.2307	-0.0368	0.0067	0.1423	0.8530
1367	928	Stage DL-C: DL-C: Step 2	-30.5397	-0.0347	0.0368	-0.0067	0.1248	0.1108
1368	1156	Stage DL-C: DL-C: Step 2	-0.7642	0.1149	-0.0646	0.0085	0.3642	0.0652

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1368	927	Stage DL-C: DL-C: Step 2	0.9516	0.0811	0.0646	-0.0085	0.2606	0.0728
1369	1155	Stage DL-C: DL-C: Step 2	2.5826	-0.6067	0.0000	0.0000	0.0000	-2.4857
1369	927	Stage DL-C: DL-C: Step 2	-2.5826	0.4142	0.0000	0.0000	0.0000	-0.7307
1370	1156	Stage DL-C: DL-C: Step 2	-17.3362	-0.4288	0.0000	0.0000	0.0000	-1.8369
1370	929	Stage DL-C: DL-C: Step 2	17.3362	0.8212	0.0000	0.0000	0.0000	-1.4410
1372	1158	Stage DL-C: DL-C: Step 2	-296.2518	1.7710	-8.7759	1.2218	27.8841	1.5128
1372	1156	Stage DL-C: DL-C: Step 2	296.2518	1.0201	8.7759	-1.2218	5.7189	-0.2226
1373	1156	Stage DL-C: DL-C: Step 2	257.8517	0.5982	6.5243	-0.3515	-16.4501	0.7998
1373	1158	Stage DL-C: DL-C: Step 2	-257.8517	-0.2183	-6.5243	0.3515	-5.9633	0.6330
1375	1158	Stage DL-C: DL-C: Step 2	-252.4848	2.0515	-3.0866	0.5643	-5.7359	2.4745
1375	1161	Stage DL-C: DL-C: Step 2	252.4848	0.7396	3.0866	-0.5643	16.3741	-0.2211
1376	1159	Stage DL-C: DL-C: Step 2	230.0774	0.7376	2.0033	-0.1962	5.9858	1.0963
1376	1162	Stage DL-C: DL-C: Step 2	-230.0774	-0.3577	-2.0033	0.1962	-12.8780	0.7852
1378	1161	Stage DL-C: DL-C: Step 2	-212.5135	2.7260	1.8950	-0.2203	-16.3403	2.5941
1378	1164	Stage DL-C: DL-C: Step 2	212.5135	0.0651	-1.8950	0.2203	9.9701	1.9764
1379	1162	Stage DL-C: DL-C: Step 2	200.7078	0.8395	-1.8186	0.0599	12.8874	1.0364
1379	1165	Stage DL-C: DL-C: Step 2	-200.7078	-0.2596	1.8186	-0.0599	-6.6467	0.5079
1381	1164	Stage DL-C: DL-C: Step 2	-147.1577	1.5282	8.4603	-0.3125	-9.8345	1.2423
1381	1167	Stage DL-C: DL-C: Step 2	147.1577	1.0186	-8.4603	0.3125	-19.3330	-0.3656
1382	1165	Stage DL-C: DL-C: Step 2	181.8384	0.4686	-0.3758	0.2934	6.9031	0.6767
1382	1166	Stage DL-C: DL-C: Step 2	-181.8384	-0.1080	5.0758	-0.2934	10.8322	0.3468
1383	1167	Stage DL-C: DL-C: Step 2	8.3300	0.2227	-0.2957	0.0079	1.3478	0.7048
1383	940	Stage DL-C: DL-C: Step 2	-8.5174	-0.0267	0.2957	-0.0079	0.7997	0.2008
1384	1168	Stage DL-C: DL-C: Step 2	-6.2501	0.0294	0.2890	0.0018	-1.0884	-0.2746
1384	939	Stage DL-C: DL-C: Step 2	6.4375	0.1676	-0.2890	-0.0018	-0.8658	-0.2312
1385	1167	Stage DL-C: DL-C: Step 2	9.7899	-0.5729	0.0000	0.0000	0.0000	-1.4888
1385	939	Stage DL-C: DL-C: Step 2	-9.7899	0.1932	0.0000	0.0000	0.0000	-0.4771
1386	1168	Stage DL-C: DL-C: Step 2	-6.6360	-0.2675	0.0000	0.0000	0.0000	-1.4039
1386	940	Stage DL-C: DL-C: Step 2	6.6360	0.6589	0.0000	0.0000	0.0000	-1.0303
1388	1167	Stage DL-C: DL-C: Step 2	-116.8831	1.5816	-6.5801	0.3723	18.3673	1.1857
1388	1170	Stage DL-C: DL-C: Step 2	116.8831	0.6863	6.5801	-0.3723	4.2391	-0.1975
1389	1168	Stage DL-C: DL-C: Step 2	149.8392	0.6797	3.2273	-0.4508	-10.0453	0.8257
1389	1171	Stage DL-C: DL-C: Step 2	-149.8392	-0.2998	-3.2272	0.4508	-1.0412	0.7587
1391	1170	Stage DL-C: DL-C: Step 2	-85.1444	1.6639	-1.7583	0.1432	-4.2739	1.4257

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1391	1173	Stage:DL-C: DL-C: Step 2	95.1444	0.8870	1.7583	-0.1432	10.3138	-0.0964
1392	1171	Stage:DL-C: DL-C: Step 2	119.0014	0.7584	1.0921	-0.1917	1.1000	-1.1709
1392	1174	Stage:DL-C: DL-C: Step 2	-119.0014	-0.3984	-1.0921	0.1917	-4.8517	0.8161
1394	1173	Stage:DL-C: DL-C: Step 2	-72.2251	1.8364	1.4361	-0.1454	-10.3144	1.3775
1394	1176	Stage:DL-C: DL-C: Step 2	72.2251	0.9116	-1.4361	0.1454	5.3609	-0.1328
1395	1174	Stage:DL-C: DL-C: Step 2	89.7859	0.7030	-0.4363	0.1820	4.8524	1.0263
1395	1177	Stage:DL-C: DL-C: Step 2	-89.7859	-0.3231	0.4363	-0.1820	-3.3536	0.7361
1397	1176	Stage:DL-C: DL-C: Step 2	-53.1973	1.5121	5.2240	-0.3732	-9.3455	1.2148
1397	1178	Stage:DL-C: DL-C: Step 2	53.1973	1.0359	-5.2240	0.3732	-12.6019	-0.3969
1398	1177	Stage:DL-C: DL-C: Step 2	64.7016	0.5554	-1.5680	0.4531	3.2951	0.8320
1398	1180	Stage:DL-C: DL-C: Step 2	-64.7016	-0.1755	1.5680	-0.4531	2.0516	0.4236
1399	1179	Stage:DL-C: DL-C: Step 2	3.0199	0.2295	-0.2519	0.0011	1.2203	0.7534
1399	952	Stage:DL-C: DL-C: Step 2	-3.7074	-0.0306	0.2519	-0.0011	0.8094	0.3017
1400	1180	Stage:DL-C: DL-C: Step 2	-1.7981	0.0364	0.1790	-0.0030	-0.7002	-0.1952
1400	951	Stage:DL-C: DL-C: Step 2	1.8535	0.1596	-0.1790	0.0030	-0.6002	-0.2523
1401	1179	Stage:DL-C: DL-C: Step 2	5.9438	-0.8625	0.0000	0.0000	0.0000	-1.8175
1401	951	Stage:DL-C: DL-C: Step 2	-5.9438	0.2701	0.0000	0.0000	0.0000	-0.8302
1402	1180	Stage:DL-C: DL-C: Step 2	-1.8599	-0.1003	0.0000	0.0000	0.0000	-0.8402
1402	952	Stage:DL-C: DL-C: Step 2	1.8599	0.4928	0.0000	0.0000	0.0000	-0.7134
1404	1179	Stage:DL-C: DL-C: Step 2	-31.5081	1.4728	-3.9200	0.2434	11.7291	1.0337
1404	1182	Stage:DL-C: DL-C: Step 2	31.5081	1.0751	3.9200	-0.2434	1.7376	-0.3506
1405	1180	Stage:DL-C: DL-C: Step 2	40.1748	0.5215	0.5253	-0.1789	-1.5877	0.8403
1405	1183	Stage:DL-C: DL-C: Step 2	-40.1748	-0.1413	-0.5253	0.1789	-0.2070	0.4986
1407	1182	Stage:DL-C: DL-C: Step 2	-15.7102	1.5484	-0.4977	-0.0002	-1.7545	1.2055
1407	1185	Stage:DL-C: DL-C: Step 2	15.7102	1.0015	0.4977	0.0002	3.4640	-0.2696
1408	1183	Stage:DL-C: DL-C: Step 2	19.6020	0.5745	0.1376	-0.0091	0.2332	0.7935
1408	1186	Stage:DL-C: DL-C: Step 2	-19.6020	-0.1949	-0.1376	0.0091	-0.7080	0.5275
1410	1185	Stage:DL-C: DL-C: Step 2	-1.6381	1.4665	1.3672	-0.2038	-3.4438	1.1369
1410	1188	Stage:DL-C: DL-C: Step 2	1.6381	1.2814	-1.3672	0.2038	-1.3219	-0.3742
1411	1186	Stage:DL-C: DL-C: Step 2	0.7197	0.9037	0.0858	0.1411	0.4778	0.8815
1411	1189	Stage:DL-C: DL-C: Step 2	-0.7197	-0.1238	-0.0858	-0.1411	-0.9725	0.4163
1413	1188	Stage:DL-C: DL-C: Step 2	9.8477	1.3803	-0.4191	-0.0185	1.3354	0.9471
1413	1191	Stage:DL-C: DL-C: Step 2	-9.8477	1.1876	0.4191	0.0185	0.1045	-0.5817
1414	1189	Stage:DL-C: DL-C: Step 2	-13.8064	0.3927	0.2181	0.1575	0.9479	0.4929

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1414	1192	Stage:DL-C: DL-C: Step 2	13.8064	-0.0127	-0.2181	-0.1575	-1.6871	0.3034
1415	1191	Stage:DL-C: DL-C: Step 2	2.1641	0.1434	-0.0788	-0.0023	0.3629	0.3475
1415	964	Stage:DL-C: DL-C: Step 2	-2.3715	0.0526	0.0788	0.0023	0.1898	-0.0174
1418	1192	Stage:DL-C: DL-C: Step 2	-1.2818	0.0619	0.0632	-0.0038	-0.3308	0.0033
1418	963	Stage:DL-C: DL-C: Step 2	1.4492	0.1341	-0.0632	0.0038	-0.2732	-0.2856
1417	1191	Stage:DL-C: DL-C: Step 2	1.0818	-0.2504	0.0000	0.0000	0.0000	-0.5570
1417	963	Stage:DL-C: DL-C: Step 2	-1.0819	-0.1420	0.0000	0.0000	0.0000	0.2726
1419	1192	Stage:DL-C: DL-C: Step 2	2.3762	0.1067	0.0000	0.0000	0.0000	-0.0910
1418	964	Stage:DL-C: DL-C: Step 2	-2.3762	0.2837	0.0000	0.0000	0.0000	-0.3783
1420	1191	Stage:DL-C: DL-C: Step 2	19.7968	1.3428	0.2078	0.0212	-0.3670	0.8269
1420	1194	Stage:DL-C: DL-C: Step 2	-19.7968	1.2091	-0.2078	-0.0212	-0.3267	-0.5904
1421	1192	Stage:DL-C: DL-C: Step 2	-26.1576	0.3452	-0.8384	0.0189	1.9417	0.3468
1421	1195	Stage:DL-C: DL-C: Step 2	26.1576	0.0347	0.8384	-0.0189	0.8984	0.1968
1423	1194	Stage:DL-C: DL-C: Step 2	25.7962	1.2561	0.3066	0.0135	0.5265	0.8723
1423	1197	Stage:DL-C: DL-C: Step 2	-25.7962	1.1919	-0.3066	-0.0135	-1.3796	-0.5902
1424	1195	Stage:DL-C: DL-C: Step 2	-35.0744	0.3088	-0.2844	0.0261	-0.9374	0.3687
1424	1198	Stage:DL-C: DL-C: Step 2	35.0744	0.0411	0.2844	-0.0261	1.3145	0.1427
1426	1197	Stage:DL-C: DL-C: Step 2	30.4363	1.3270	-0.4249	0.0065	1.3779	0.8214
1426	1200	Stage:DL-C: DL-C: Step 2	-30.4363	1.2209	0.4249	-0.0065	0.0816	-0.6382
1427	1198	Stage:DL-C: DL-C: Step 2	-41.3609	0.2768	0.4050	0.0285	-1.8129	0.2542
1427	1201	Stage:DL-C: DL-C: Step 2	41.3609	0.1031	-0.4050	-0.0285	0.5216	0.0441
1429	1200	Stage:DL-C: DL-C: Step 2	32.7495	1.2932	-0.6585	0.0010	-0.0843	0.7660
1429	1203	Stage:DL-C: DL-C: Step 2	-32.7495	1.2547	0.6585	-0.0010	2.3397	-0.7000
1430	1201	Stage:DL-C: DL-C: Step 2	-44.8552	0.2346	1.1799	0.0375	-0.5194	0.1737
1430	1204	Stage:DL-C: DL-C: Step 2	44.8552	0.1453	-1.1799	-0.0375	-3.5340	-0.0203
1431	1203	Stage:DL-C: DL-C: Step 2	1.9361	0.1344	-0.0244	-0.0028	0.1288	0.2671
1431	876	Stage:DL-C: DL-C: Step 2	-2.1238	0.0618	0.0244	0.0028	0.0477	-0.0329
1432	1204	Stage:DL-C: DL-C: Step 2	-0.7064	0.0830	0.0348	-0.0041	-0.1032	0.0763
1432	875	Stage:DL-C: DL-C: Step 2	0.8839	0.1125	-0.0348	0.0041	-0.1498	-0.1818
1433	1203	Stage:DL-C: DL-C: Step 2	-1.0620	-0.2628	0.0000	0.0000	0.0000	-0.5108
1433	875	Stage:DL-C: DL-C: Step 2	1.0620	-0.1297	0.0000	0.0000	0.0000	0.1812
1434	1204	Stage:DL-C: DL-C: Step 2	5.9291	0.1613	0.0000	0.0000	0.0000	-0.0723
1434	876	Stage:DL-C: DL-C: Step 2	-3.9291	0.2312	0.0000	0.0000	0.0000	-0.2357
1436	1203	Stage:DL-C: DL-C: Step 2	34.7692	1.2271	0.7690	0.0263	-2.4356	0.6603

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1436	1208	Stage DL-C: DL-C: Step 2	-34.7892	1.3209	-0.7680	-0.0283	-0.2714	-0.8286
1437	1304	Stage DL-C: DL-C: Step 2	-39.7546	-0.2346	-1.3738	-0.0033	3.8124	-0.3779
1437	1207	Stage DL-C: DL-C: Step 2	39.7546	0.8145	1.3738	0.0033	1.1072	-1.0806
1439	1208	Stage DL-C: DL-C: Step 2	30.0684	1.1846	0.5448	0.0179	0.2725	0.5788
1439	1209	Stage DL-C: DL-C: Step 2	-30.0684	1.2633	-0.5448	-0.0179	-2.1440	-0.8518
1440	1207	Stage DL-C: DL-C: Step 2	-46.1184	4.1081	-0.5888	0.0080	-1.1072	1.5207
1440	1210	Stage DL-C: DL-C: Step 2	46.1184	5.1549	0.5888	-0.0080	3.1300	-3.3187
1442	1209	Stage DL-C: DL-C: Step 2	22.7492	1.0927	-0.1578	0.0012	2.1440	0.4711
1442	1212	Stage DL-C: DL-C: Step 2	-22.7492	1.4552	0.1578	-0.0012	-1.8025	-1.0936
1443	1210	Stage DL-C: DL-C: Step 2	-29.6510	4.3902	0.0776	0.0204	-3.1299	2.2742
1443	1213	Stage DL-C: DL-C: Step 2	29.6510	4.8726	-0.0776	-0.0204	2.8626	-3.1032
1445	1212	Stage DL-C: DL-C: Step 2	8.0232	1.1553	-0.3343	-0.0182	1.8002	0.4415
1445	1215	Stage DL-C: DL-C: Step 2	-8.0232	1.3826	0.3343	0.0182	-0.4517	-0.8462
1446	1213	Stage DL-C: DL-C: Step 2	-16.8814	4.6540	0.4875	0.0343	-2.8613	2.4368
1446	1216	Stage DL-C: DL-C: Step 2	16.8814	4.8070	-0.4875	-0.0343	1.1898	-2.3027
1447	1215	Stage DL-C: DL-C: Step 2	7.3605	0.0765	-0.2402	-0.0042	0.8190	0.0794
1447	988	Stage DL-C: DL-C: Step 2	-7.5460	0.1195	0.2402	0.0042	1.1258	-0.2349
1448	1216	Stage DL-C: DL-C: Step 2	6.8210	0.1166	0.3661	0.0094	-1.8526	0.1418
1448	987	Stage DL-C: DL-C: Step 2	-6.8336	0.0794	-0.3661	-0.0094	-0.8338	-0.0069
1449	1215	Stage DL-C: DL-C: Step 2	-4.7182	-0.2529	0.0000	0.0000	0.0000	-0.4152
1449	987	Stage DL-C: DL-C: Step 2	4.7182	-0.1396	0.0000	0.0000	0.0000	0.1177
1450	1216	Stage DL-C: DL-C: Step 2	-4.3573	0.1141	0.0000	0.0000	0.0000	-0.1563
1450	988	Stage DL-C: DL-C: Step 2	4.3573	0.2783	0.0000	0.0000	0.0000	-0.2747

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
3	0	Stage DL-C: DL-	-0.4262	3.0704	2.8158	-3.8229	-3.8683	0.0000	0.0000	-3.8229
3	1	Stage DL-C: DL-	-0.4262	0.6047	1.3831	-1.4072	-2.2456	0.0000	0.0000	-2.2456
4	0	Stage DL-C: DL-	0.6397	5.0742	5.3595	-3.7948	-4.0801	0.0000	0.0000	5.3595
4	1	Stage DL-C: DL-	0.6397	5.2434	5.0319	-3.9639	-3.7521	0.0000	0.0000	5.2434
5	0	Stage DL-C: DL-	-1.3434	2.8161	3.4073	-5.3229	-6.0940	0.0000	0.0000	-6.0940
5	1	Stage DL-C: DL-	-1.3434	-0.2952	0.4265	-2.3915	-3.3132	0.0000	0.0000	-3.3132
7	0	Stage DL-C: DL-	1.0694	7.2121	6.9967	-5.0732	-4.8586	0.0000	0.0000	7.2121

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
7	1	Stage DL-C: DL-	1.0694	5.4478	5.0395	-3.3089	-2.9006	0.0000	0.0000	5.4478
8	0	Stage DL-C: DL-	-1.8305	1.0815	1.9738	-4.7126	-5.6349	0.0000	0.0000	-5.6349
8	1	Stage DL-C: DL-	-1.8305	-0.0841	0.3377	-3.5968	-3.9968	0.0000	0.0000	-3.9968
10	0	Stage DL-C: DL-	1.7237	6.4620	8.0734	-5.0347	-6.6260	0.0000	0.0000	8.4620
10	1	Stage DL-C: DL-	1.7237	4.4290	4.3617	-0.8817	-0.9143	0.0000	0.0000	4.4290
12	0	Stage DL-C: DL-	-2.1681	0.9439	1.2459	-5.1801	-5.5815	0.0000	0.0000	-5.5815
12	1	Stage DL-C: DL-	-2.1681	1.2112	-0.7757	-5.5474	-3.5605	0.0000	0.0000	-5.5474
13	0	Stage DL-C: DL-	1.8247	3.9074	3.8408	-0.8580	-0.9911	0.0000	0.0000	3.9074
13	1	Stage DL-C: DL-	1.8247	0.2442	1.1878	3.0052	2.0616	0.0000	0.0000	3.0052
15	0	Stage DL-C: DL-	-2.2891	1.5139	-0.4958	-6.5823	-4.5825	0.0000	0.0000	-6.5823
15	1	Stage DL-C: DL-	-2.2891	-0.0673	0.5079	-4.5109	-5.0860	0.0000	0.0000	-5.0860
16	0	Stage DL-C: DL-	1.9715	1.8228	2.7584	2.1202	1.1836	0.0000	0.0000	2.7584
16	1	Stage DL-C: DL-	1.9715	2.0409	1.8039	1.9021	2.1390	0.0000	0.0000	2.1390
18	0	Stage DL-C: DL-	-2.3982	0.1463	0.7235	-4.8427	-5.5186	0.0000	0.0000	-5.5186
18	1	Stage DL-C: DL-	-2.3982	-0.3550	0.7283	-4.4414	-5.5247	0.0000	0.0000	-5.5247
19	0	Stage DL-C: DL-	2.0801	2.5366	2.2983	1.8238	1.9619	0.0000	0.0000	2.5366
19	1	Stage DL-C: DL-	2.0801	2.4302	1.8152	1.7296	2.3452	0.0000	0.0000	2.4302
21	0	Stage DL-C: DL-	-2.4155	-0.3235	0.7616	-4.5085	-5.5827	0.0000	0.0000	-5.5827
21	1	Stage DL-C: DL-	-2.4155	0.0669	0.6532	-4.6969	-5.4843	0.0000	0.0000	-5.4843
22	0	Stage DL-C: DL-	2.1057	2.5468	1.9331	1.9629	2.2782	0.0000	0.0000	2.5468
22	1	Stage DL-C: DL-	2.1057	2.4340	2.2668	1.7768	1.9448	0.0000	0.0000	2.4340
24	0	Stage DL-C: DL-	-2.3401	-0.1309	0.4532	-4.5482	-5.1333	0.0000	0.0000	-5.1333
24	1	Stage DL-C: DL-	-2.3401	1.8424	-0.5849	-6.3229	-4.0952	0.0000	0.0000	-6.3229
25	0	Stage DL-C: DL-	2.0393	2.1340	1.9863	1.9446	2.1123	0.0000	0.0000	2.1340
25	1	Stage DL-C: DL-	2.0393	1.7869	2.0850	2.2818	1.1936	0.0000	0.0000	2.8850
27	0	Stage DL-C: DL-	-2.2347	1.3023	-1.0009	-5.7717	-3.4684	0.0000	0.0000	-5.7717
27	1	Stage DL-C: DL-	-2.2347	1.1724	0.5730	-5.6417	-5.0423	0.0000	0.0000	-5.6417
28	0	Stage DL-C: DL-	1.9286	1.3675	2.4783	2.4698	1.3790	0.0000	0.0000	2.4698
28	1	Stage DL-C: DL-	1.9286	2.2868	2.3522	1.5704	1.5061	0.0000	0.0000	2.3522
30	0	Stage DL-C: DL-	-2.1035	0.1661	-0.4221	-4.3731	-3.7948	0.0000	0.0000	-4.3731
30	1	Stage DL-C: DL-	-2.1035	0.2674	2.5379	-6.4744	-6.7449	0.0000	0.0000	-6.7449
31	0	Stage DL-C: DL-	1.7658	1.5266	1.5856	2.0051	1.9461	0.0000	0.0000	2.0051
31	1	Stage DL-C: DL-	1.7658	2.5180	2.2604	1.0137	1.2713	0.0000	0.0000	2.5180
33	0	Stage DL-C: DL-	-1.7839	-1.2181	1.0663	-2.3468	-4.6342	0.0000	0.0000	-4.6342

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
33	1	Stage DL-C: DL-	-1.7839	1.2031	2.5229	-4.7715	-6.0906	0.0000	0.0000	-6.0906
34	0	Stage DL-C: DL-	1.4768	1.1788	0.8150	1.7736	2.0386	0.0000	0.0000	2.0386
34	1	Stage DL-C: DL-	1.4768	2.3290	2.2982	0.8245	0.8543	0.0000	0.0000	2.3290
36	0	Stage DL-C: DL-	-1.3226	-0.1454	1.1843	-2.4899	-3.8095	0.0000	0.0000	-3.8095
36	1	Stage DL-C: DL-	-1.3226	4.6103	-0.4267	-7.2555	-2.2186	0.0000	0.0000	-7.2555
37	0	Stage DL-C: DL-	1.1185	0.6799	0.8555	1.5572	1.5618	0.0000	0.0000	1.5618
37	1	Stage DL-C: DL-	1.1185	1.5300	2.1596	0.7042	0.0779	0.0000	0.0000	2.1596
39	0	Stage DL-C: DL-	-0.6507	3.8046	-1.4327	-5.1060	0.1314	0.0000	0.0000	-5.1060
39	1	Stage DL-C: DL-	-0.6507	2.7919	3.8183	-4.0833	-4.8176	0.0000	0.0000	-4.8176
40	0	Stage DL-C: DL-	0.8113	-0.2486	0.4550	1.4712	0.7675	0.0000	0.0000	1.4712
40	1	Stage DL-C: DL-	0.8113	1.3821	2.0587	-0.1585	-0.8362	0.0000	0.0000	2.0587
42	0	Stage DL-C: DL-	0.0314	0.7439	1.0991	-0.8812	-1.5364	0.0000	0.0000	1.5991
42	1	Stage DL-C: DL-	0.0314	3.0790	5.8458	-3.0163	-5.5829	0.0000	0.0000	5.8458
43	0	Stage DL-C: DL-	0.0434	-1.2443	-0.5789	1.3312	0.6658	0.0000	0.0000	1.3312
43	1	Stage DL-C: DL-	0.0434	1.1395	1.7794	-1.0526	-1.8826	0.0000	0.0000	1.7794
45	0	Stage DL-C: DL-	0.8824	0.4750	3.0410	1.2898	-1.2762	0.0000	0.0000	3.0410
45	1	Stage DL-C: DL-	0.8824	4.6965	6.3306	-2.9337	-4.5656	0.0000	0.0000	6.3306
46	0	Stage DL-C: DL-	-0.6484	-2.0823	-1.4220	0.7655	0.1253	0.0000	0.0000	-2.0823
46	1	Stage DL-C: DL-	-0.6484	0.8279	1.1483	-2.1246	-2.4450	0.0000	0.0000	-2.4450
48	0	Stage DL-C: DL-	1.8177	1.8277	3.3384	1.7078	0.0971	0.0000	0.0000	3.3384
48	1	Stage DL-C: DL-	1.8177	7.5403	4.7983	-3.9046	-1.1308	0.0000	0.0000	7.5403
49	0	Stage DL-C: DL-	-1.3959	-2.8168	-2.3950	-0.1750	-0.5088	0.0000	0.0000	-2.8168
49	1	Stage DL-C: DL-	-1.3959	0.2044	-0.3133	-2.9962	-2.4796	0.0000	0.0000	-2.9962
51	0	Stage DL-C: DL-	3.1289	5.5266	2.4243	0.7311	3.8334	0.0000	0.0000	5.5266
51	1	Stage DL-C: DL-	3.1289	6.5266	9.0462	-2.2569	-1.7565	0.0000	0.0000	9.0462
52	0	Stage DL-C: DL-	-2.4179	-3.3452	-3.6943	-1.4906	-1.1418	0.0000	0.0000	-3.6943
52	1	Stage DL-C: DL-	-2.4179	-1.1613	0.3462	-3.6745	-5.1821	0.0000	0.0000	-5.1821
54	0	Stage DL-C: DL-	4.4662	4.5678	4.1039	4.3687	4.8326	0.0000	0.0000	4.8326
54	1	Stage DL-C: DL-	4.4662	10.2254	10.0121	-1.2569	-1.0736	0.0000	0.0000	10.2254
55	0	Stage DL-C: DL-	-3.5200	-6.2521	-4.7532	-0.7660	-2.2968	0.0000	0.0000	-6.2521
55	1	Stage DL-C: DL-	-3.5200	-1.9025	0.1968	-5.1375	-7.2368	0.0000	0.0000	-7.2368
57	0	Stage DL-C: DL-	6.0233	5.5967	5.3417	6.4698	6.7049	0.0000	0.0000	6.7049
57	1	Stage DL-C: DL-	6.0233	12.8149	12.3697	-0.5682	-0.3230	0.0000	0.0000	12.8149
58	0	Stage DL-C: DL-	-4.7659	-7.8627	-5.5629	-1.8690	-3.9692	0.0000	0.0000	-7.8627

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
58	1	Stage DL-C: DL-	-4.7659	-2.8821	-1.8415	-8.6486	-7.5903	0.0000	0.0000	-7.5903
60	0	Stage DL-C: DL-	7.7487	8.3045	9.0296	7.1829	7.4579	0.0000	0.0000	9.3045
60	1	Stage DL-C: DL-	7.7487	12.2299	11.4293	3.2676	4.0662	0.0000	0.0000	12.2299
61	0	Stage DL-C: DL-	-5.8600	-7.9413	-6.8903	-3.7787	-4.7298	0.0000	0.0000	-7.9413
61	1	Stage DL-C: DL-	-5.8600	-2.8882	-5.2865	-6.8509	-6.4205	0.0000	0.0000	-6.8509
63	0	Stage DL-C: DL-	7.7903	12.0123	11.3288	3.9883	4.3518	0.0000	0.0000	12.0122
63	1	Stage DL-C: DL-	7.7903	8.6468	9.3493	6.9337	7.2313	0.0000	0.0000	9.6468
64	0	Stage DL-C: DL-	-5.9007	-2.9033	-5.3054	-6.8960	-6.4960	0.0000	0.0000	-6.8960
64	1	Stage DL-C: DL-	-5.9007	-7.9131	-6.8930	-3.8862	-4.8084	0.0000	0.0000	-7.9131
66	0	Stage DL-C: DL-	6.1282	12.4250	12.1429	-0.1685	0.1136	0.0000	0.0000	12.4250
66	1	Stage DL-C: DL-	6.1282	5.9528	5.7777	6.3036	6.4787	0.0000	0.0000	6.4787
67	0	Stage DL-C: DL-	-4.8510	-3.0691	-2.1570	-6.4328	-7.5449	0.0000	0.0000	-7.5449
67	1	Stage DL-C: DL-	-4.8510	-7.5772	-5.9906	-2.1248	-4.1113	0.0000	0.0000	-7.5772
69	0	Stage DL-C: DL-	4.8410	10.0630	9.8655	-0.7911	-0.9036	0.0000	0.0000	10.0630
69	1	Stage DL-C: DL-	4.8410	4.8933	4.7910	4.3687	4.4909	0.0000	0.0000	4.8933
70	0	Stage DL-C: DL-	-3.8634	-2.0990	-0.1101	-5.2289	-7.2188	0.0000	0.0000	-7.2188
70	1	Stage DL-C: DL-	-3.8634	-6.1501	-4.9000	-1.1766	-2.4266	0.0000	0.0000	-6.1501
72	0	Stage DL-C: DL-	5.3628	8.2884	8.1443	-1.5428	-1.4187	0.0000	0.0000	8.2884
72	1	Stage DL-C: DL-	5.3628	5.8145	3.4688	1.2111	3.2369	0.0000	0.0000	5.8145
73	0	Stage DL-C: DL-	-2.6065	-1.2775	-0.0181	-3.8351	-5.1969	0.0000	0.0000	-5.1969
73	1	Stage DL-C: DL-	-2.6065	-3.3120	-4.1219	-1.9009	-1.0814	0.0000	0.0000	-4.1219
75	0	Stage DL-C: DL-	2.1041	7.0295	5.3799	-2.8213	-1.1717	0.0000	0.0000	7.0295
75	1	Stage DL-C: DL-	2.1041	2.4403	4.0656	1.7679	0.1425	0.0000	0.0000	4.0656
76	0	Stage DL-C: DL-	-1.8454	0.2101	-0.7173	-3.5010	-2.5736	0.0000	0.0000	-3.5010
76	1	Stage DL-C: DL-	-1.8454	-2.6375	-2.7500	-0.9534	-0.5409	0.0000	0.0000	-2.7500
78	0	Stage DL-C: DL-	1.1837	4.8703	6.0013	-2.5029	-4.1339	0.0000	0.0000	6.0013
78	1	Stage DL-C: DL-	1.1837	1.4174	2.8736	0.9800	-0.5061	0.0000	0.0000	2.8736
79	0	Stage DL-C: DL-	-0.9084	0.7502	0.6346	-2.5690	-2.4539	0.0000	0.0000	-2.5690
79	1	Stage DL-C: DL-	-0.9084	-2.0404	-1.8303	0.3216	0.1116	0.0000	0.0000	-2.0404
81	0	Stage DL-C: DL-	0.3831	3.8084	5.3749	-3.1701	-4.6067	0.0000	0.0000	5.3749
81	1	Stage DL-C: DL-	0.3831	2.2079	1.1993	-1.4418	-0.4331	0.0000	0.0000	2.2079
82	0	Stage DL-C: DL-	-0.2316	1.0865	1.2058	-1.5488	-1.8890	0.0000	0.0000	-1.8890
82	1	Stage DL-C: DL-	-0.2316	-1.1433	-1.0864	0.8800	0.6351	0.0000	0.0000	-1.1433
84	0	Stage DL-C: DL-	-0.2944	3.8090	2.9069	-4.5178	-3.4957	0.0000	0.0000	-4.5178

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
84	1	Stage DL-C: DL-	-0.2944	2.2098	0.8899	-2.8486	-1.5797	0.0000	0.0000	-2.8486
85	0	Stage DL-C: DL-	0.3160	1.3611	1.4335	-0.7490	-0.9014	0.0000	0.0000	1.4335
85	1	Stage DL-C: DL-	0.3160	-0.2458	-0.2433	0.8779	0.8754	0.0000	0.0000	0.8779
87	0	Stage DL-C: DL-	-0.9049	2.9620	1.9691	-4.8019	-3.7790	0.0000	0.0000	-4.8019
87	1	Stage DL-C: DL-	-0.9049	0.6853	1.3047	-2.4951	-3.1666	0.0000	0.0000	-3.1666
88	0	Stage DL-C: DL-	0.8125	1.7090	1.6725	-0.0640	-0.0475	0.0000	0.0000	1.7090
88	1	Stage DL-C: DL-	0.8125	0.5860	-0.0936	1.0370	1.7186	0.0000	0.0000	1.7186
90	0	Stage DL-C: DL-	-1.3774	1.7682	2.4372	-4.5230	-5.1918	0.0000	0.0000	-5.1918
90	1	Stage DL-C: DL-	-1.3774	0.1817	1.0020	-2.8064	-3.7567	0.0000	0.0000	-3.7567
91	0	Stage DL-C: DL-	1.2231	2.4709	1.7906	-0.0247	0.6556	0.0000	0.0000	2.4709
91	1	Stage DL-C: DL-	1.2231	1.2074	0.2811	1.2368	2.1650	0.0000	0.0000	2.1650
93	0	Stage DL-C: DL-	-1.7635	1.1144	1.8313	-4.6414	-5.4584	0.0000	0.0000	-5.4584
93	1	Stage DL-C: DL-	-1.7635	0.1492	0.5953	-3.0763	-4.1224	0.0000	0.0000	-4.1224
94	0	Stage DL-C: DL-	1.5452	2.6897	1.7653	0.4007	1.3251	0.0000	0.0000	2.6897
94	1	Stage DL-C: DL-	1.5452	1.5727	0.9458	1.5177	2.1446	0.0000	0.0000	2.1446
96	0	Stage DL-C: DL-	-2.0330	0.8880	1.3081	-4.9321	-5.3742	0.0000	0.0000	-5.3742
96	1	Stage DL-C: DL-	-2.0330	1.2242	-0.6899	-5.2902	-3.3762	0.0000	0.0000	-5.2902
97	0	Stage DL-C: DL-	1.7648	2.5847	1.8602	0.9448	1.5893	0.0000	0.0000	2.5847
97	1	Stage DL-C: DL-	1.7648	1.4710	1.7953	2.0569	1.7342	0.0000	0.0000	2.0569
99	0	Stage DL-C: DL-	-2.3039	1.6794	-0.1108	-6.2872	-4.4966	0.0000	0.0000	-6.2872
99	1	Stage DL-C: DL-	-2.3039	-0.5689	0.4521	-4.0399	-5.0599	0.0000	0.0000	-5.0599
100	0	Stage DL-C: DL-	1.9885	2.3640	2.8692	1.8330	1.3279	0.0000	0.0000	2.8692
100	1	Stage DL-C: DL-	1.9885	2.2894	1.2191	1.7077	2.7779	0.0000	0.0000	2.7779
102	0	Stage DL-C: DL-	-2.5859	-0.0148	1.0054	-5.1189	-6.1371	0.0000	0.0000	-6.1371
102	1	Stage DL-C: DL-	-2.5859	-1.0690	0.6365	-4.0627	-5.7682	0.0000	0.0000	-5.7682
103	0	Stage DL-C: DL-	2.2143	2.2749	2.2048	1.1938	2.2234	0.0000	0.0000	2.2749
103	1	Stage DL-C: DL-	2.2142	2.6752	1.2584	1.5601	3.1720	0.0000	0.0000	3.1720
105	0	Stage DL-C: DL-	-2.7215	-0.7020	1.0018	-4.7411	-6.4449	0.0000	0.0000	-6.4449
105	1	Stage DL-C: DL-	-2.7215	-0.8222	0.4314	-4.5209	-5.8744	0.0000	0.0000	-5.8744
106	0	Stage DL-C: DL-	2.3410	3.4612	1.8403	1.2208	2.8418	0.0000	0.0000	3.4612
106	1	Stage DL-C: DL-	2.3410	3.0389	1.7554	1.6432	2.9267	0.0000	0.0000	3.0389
108	0	Stage DL-C: DL-	-2.7637	-0.6481	0.8029	-4.8793	-6.1302	0.0000	0.0000	-6.1302
108	1	Stage DL-C: DL-	-2.7637	0.6143	-0.9065	-6.1418	-4.8209	0.0000	0.0000	-6.1418
109	0	Stage DL-C: DL-	2.3696	3.1736	1.8817	1.5656	2.8475	0.0000	0.0000	3.1736

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
109	1	Stage DL-C: DL-	2.3696	2.5315	2.5064	2.2076	2.2309	0.0000	0.0000	2.5315
111	0	Stage DL-C: DL-	-2.8096	0.7062	-0.7796	-6.3274	-4.8362	0.0000	0.0000	-6.3274
111	1	Stage DL-C: DL-	-2.8096	-0.6044	0.1208	-5.0148	-5.7400	0.0000	0.0000	-5.7400
112	0	Stage DL-C: DL-	2.4110	2.6575	2.6285	2.1644	2.1955	0.0000	0.0000	2.6575
113	1	Stage DL-C: DL-	2.4110	2.9497	1.9704	1.8723	2.8519	0.0000	0.0000	2.9497
114	0	Stage DL-C: DL-	-2.8831	-0.5214	0.2046	-5.2047	-5.9307	0.0000	0.0000	-5.9307
114	1	Stage DL-C: DL-	-2.8831	-0.5316	0.2011	-5.1946	-5.9272	0.0000	0.0000	-5.9272
115	0	Stage DL-C: DL-	2.4503	3.1270	2.1471	1.7736	2.7535	0.0000	0.0000	3.1270
115	1	Stage DL-C: DL-	2.4503	3.1239	2.1487	1.7797	2.7519	0.0000	0.0000	3.1239
117	0	Stage DL-C: DL-	-2.8235	-0.5753	0.1565	-5.0717	-5.8035	0.0000	0.0000	-5.8035
117	1	Stage DL-C: DL-	-2.8235	0.5977	-0.6708	-6.2446	-4.7762	0.0000	0.0000	-6.2446
118	0	Stage DL-C: DL-	2.4020	2.9055	1.9308	1.8665	2.8731	0.0000	0.0000	2.9055
118	1	Stage DL-C: DL-	2.4020	2.7093	2.6604	2.0947	2.1119	0.0000	0.0000	2.7093
120	0	Stage DL-C: DL-	-2.7504	0.7236	-0.6149	-6.2244	-4.8859	0.0000	0.0000	-6.2244
120	1	Stage DL-C: DL-	-2.7504	-0.6778	0.5652	-4.8230	-6.0660	0.0000	0.0000	-6.0660
121	0	Stage DL-C: DL-	2.3782	2.4784	2.4427	2.2780	2.3137	0.0000	0.0000	2.4784
121	1	Stage DL-C: DL-	2.3782	3.2182	1.9308	1.5362	2.8259	0.0000	0.0000	3.2182
123	0	Stage DL-C: DL-	-2.7218	-0.8140	0.4317	-4.6295	-5.8752	0.0000	0.0000	-5.8752
123	1	Stage DL-C: DL-	-2.7218	-0.7046	1.0005	-4.7369	-5.4440	0.0000	0.0000	-5.4440
124	0	Stage DL-C: DL-	2.3406	3.0422	1.7528	1.6390	2.9284	0.0000	0.0000	3.0422
124	1	Stage DL-C: DL-	2.3406	3.4599	1.8396	1.2213	2.8418	0.0000	0.0000	3.4599
126	0	Stage DL-C: DL-	-2.5867	-1.0687	0.6381	-4.0647	-5.7715	0.0000	0.0000	-5.7715
126	1	Stage DL-C: DL-	-2.5867	-0.0248	1.0047	-5.1089	-6.1381	0.0000	0.0000	-6.1381
127	0	Stage DL-C: DL-	2.2140	2.6783	1.2570	1.5497	3.1710	0.0000	0.0000	3.1710
127	1	Stage DL-C: DL-	2.2140	3.2705	2.2074	1.1575	2.2206	0.0000	0.0000	3.2705
129	0	Stage DL-C: DL-	-2.3182	-0.5410	0.4695	-4.0953	-5.1258	0.0000	0.0000	-5.1258
129	1	Stage DL-C: DL-	-2.3182	1.5695	-0.2038	-6.2058	-4.4328	0.0000	0.0000	-6.2058
130	0	Stage DL-C: DL-	1.9693	2.2438	1.1603	1.7348	2.7983	0.0000	0.0000	2.7983
130	1	Stage DL-C: DL-	1.9693	2.4181	2.7341	1.5625	1.2446	0.0000	0.0000	2.7341
132	0	Stage DL-C: DL-	-2.0201	1.3045	-0.5866	-5.3746	-3.4402	0.0000	0.0000	-5.3746
132	1	Stage DL-C: DL-	-2.0201	0.8368	1.2695	-4.8797	-5.3096	0.0000	0.0000	-5.3096
133	0	Stage DL-C: DL-	1.7731	1.9185	1.7291	2.1277	1.8171	0.0000	0.0000	2.1277
133	1	Stage DL-C: DL-	1.7731	2.6283	1.9662	0.9188	1.5481	0.0000	0.0000	2.6283
135	0	Stage DL-C: DL-	-1.7639	0.1560	0.5650	-3.4858	-4.1228	0.0000	0.0000	-4.1228

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
135	I	Stage DL-C: DL-	-1.7639	1.1117	1.9294	-4.6395	-5.4572	0.0000	0.0000	-5.4572
136	0	Stage DL-C: DL-	1.5445	1.5761	0.9426	1.5130	2.1464	0.0000	0.0000	2.1464
136	I	Stage DL-C: DL-	1.5445	2.6884	1.7642	0.4006	1.3349	0.0000	0.0000	2.6884
138	0	Stage DL-C: DL-	-1.3782	0.1824	1.0036	-2.9588	-3.7599	0.0000	0.0000	-3.7599
138	I	Stage DL-C: DL-	-1.3782	1.7561	2.4063	-4.5145	-5.1827	0.0000	0.0000	-5.1827
139	0	Stage DL-C: DL-	1.2227	1.2074	0.2813	1.2390	2.1640	0.0000	0.0000	2.1640
139	I	Stage DL-C: DL-	1.2227	2.4664	1.7927	-0.0211	0.9526	0.0000	0.0000	2.4664
141	0	Stage DL-C: DL-	-0.9189	0.7142	1.3847	-2.5518	-3.2325	0.0000	0.0000	-3.2325
141	I	Stage DL-C: DL-	-0.9189	2.6826	1.8752	-4.7205	-3.7131	0.0000	0.0000	-4.7205
142	0	Stage DL-C: DL-	0.8030	0.5420	-0.1330	1.0640	1.7390	0.0000	0.0000	1.7390
142	I	Stage DL-C: DL-	0.8030	1.7611	1.7375	-0.1551	-0.1315	0.0000	0.0000	1.7611
144	0	Stage DL-C: DL-	-0.2805	2.3726	1.5809	-2.9336	-1.8419	0.0000	0.0000	-2.9336
144	I	Stage DL-C: DL-	-0.2805	3.8976	2.8701	-4.4588	-3.4311	0.0000	0.0000	-4.4588
145	0	Stage DL-C: DL-	0.3240	-0.2991	-0.3104	0.9471	0.9583	0.0000	0.0000	0.9583
145	I	Stage DL-C: DL-	0.3240	1.4256	1.4715	-0.7776	-0.8236	0.0000	0.0000	1.4715
147	0	Stage DL-C: DL-	0.3841	2.2179	1.2038	-1.4498	-0.4355	0.0000	0.0000	2.2179
147	I	Stage DL-C: DL-	0.3841	3.8526	5.3727	-3.1645	-4.6044	0.0000	0.0000	5.3727
148	0	Stage DL-C: DL-	-0.2329	-1.1406	-1.1022	0.6749	0.6365	0.0000	0.0000	-1.1406
148	I	Stage DL-C: DL-	-0.2329	1.0846	1.2041	-1.5504	-1.8699	0.0000	0.0000	-1.8699
150	0	Stage DL-C: DL-	1.1839	1.4213	2.8799	0.9483	-0.5111	0.0000	0.0000	2.8799
150	I	Stage DL-C: DL-	1.1839	4.8587	6.4986	-2.4909	-4.1308	0.0000	0.0000	6.4986
151	0	Stage DL-C: DL-	-0.9103	-2.0407	-1.8306	0.2200	0.1099	0.0000	0.0000	-2.0407
151	I	Stage DL-C: DL-	-0.9103	0.7451	0.6362	-2.5859	-2.4959	0.0000	0.0000	-2.5859
153	0	Stage DL-C: DL-	2.0906	2.4722	4.1064	1.7090	0.0747	0.0000	0.0000	4.1064
153	I	Stage DL-C: DL-	2.0906	6.9176	5.2846	-2.7365	-1.1037	0.0000	0.0000	6.9176
154	0	Stage DL-C: DL-	-1.6553	-2.8835	-2.7895	-0.6272	-0.5212	0.0000	0.0000	-2.7895
154	I	Stage DL-C: DL-	-1.6553	0.2817	-0.6533	-3.5724	-2.6574	0.0000	0.0000	-3.5724
156	0	Stage DL-C: DL-	3.3763	5.6281	3.5625	1.1245	3.1701	0.0000	0.0000	5.6281
156	I	Stage DL-C: DL-	3.3763	8.2361	8.1029	-1.4836	-1.3503	0.0000	0.0000	8.2361
157	0	Stage DL-C: DL-	-2.5969	-3.3651	-4.1899	-1.8320	-1.0089	0.0000	0.0000	-4.1899
157	I	Stage DL-C: DL-	-2.5969	-1.2336	0.0213	-3.9640	-5.2191	0.0000	0.0000	-5.2191
159	0	Stage DL-C: DL-	4.8410	4.9065	4.7551	4.3755	4.4870	0.0000	0.0000	4.9065
159	I	Stage DL-C: DL-	4.8410	10.0567	9.8799	-0.7747	-0.9979	0.0000	0.0000	10.0567
160	0	Stage DL-C: DL-	-3.8600	-6.1477	-4.9042	-1.1622	-2.4257	0.0000	0.0000	-6.1477

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
160	I	Stage DL-C: DL-	-3.8850	-2.1000	-0.1118	-5.2299	-7.2181	0.0000	0.0000	-7.2181
162	0	Stage DL-C: DL-	6.1277	5.8583	5.7639	6.2971	6.4715	0.0000	0.0000	6.4715
162	I	Stage DL-C: DL-	6.1277	12.4107	12.1378	-0.1554	0.1176	0.0000	0.0000	12.4107
163	0	Stage DL-C: DL-	-4.8523	-7.5783	-5.5815	-2.1264	-4.1132	0.0000	0.0000	-7.5783
163	I	Stage DL-C: DL-	-4.8523	-3.0743	-2.1558	-6.8304	-7.5489	0.0000	0.0000	-7.5489
165	0	Stage DL-C: DL-	7.7763	8.6800	8.3818	6.8726	7.1610	0.0000	0.0000	8.6800
165	I	Stage DL-C: DL-	7.7763	11.8479	11.1311	3.6047	4.4215	0.0000	0.0000	11.8479
166	0	Stage DL-C: DL-	-5.9113	-7.8599	-7.0333	-3.8625	-4.7891	0.0000	0.0000	-7.8599
166	I	Stage DL-C: DL-	-5.9113	-2.8523	-0.2403	-8.9702	-6.5601	0.0000	0.0000	-8.9702
168	0	Stage DL-C: DL-	7.7620	12.3452	11.5254	3.1788	3.9989	0.0000	0.0000	12.3452
168	I	Stage DL-C: DL-	7.7620	8.2894	7.8958	7.2545	7.5282	0.0000	0.0000	8.2894
169	0	Stage DL-C: DL-	-5.8531	-2.8225	-5.3674	-8.7936	-6.3386	0.0000	0.0000	-8.7936
169	I	Stage DL-C: DL-	-5.8531	-7.8983	-6.9538	-3.8060	-4.7525	0.0000	0.0000	-7.8983
171	0	Stage DL-C: DL-	6.0231	12.6301	12.3782	-0.5840	-0.3321	0.0000	0.0000	12.6301
171	I	Stage DL-C: DL-	6.0231	5.5473	5.3033	6.4988	6.7128	0.0000	0.0000	6.7128
172	0	Stage DL-C: DL-	-4.7660	-2.6802	-1.9481	-6.8858	-7.5899	0.0000	0.0000	-7.5899
172	I	Stage DL-C: DL-	-4.7660	-7.8856	-5.5650	-1.8705	-3.9710	0.0000	0.0000	-7.8656
174	0	Stage DL-C: DL-	4.4674	10.2332	10.0210	-1.2965	-1.0842	0.0000	0.0000	10.2332
174	I	Stage DL-C: DL-	4.4674	4.5504	4.0954	4.8644	4.8394	0.0000	0.0000	4.8394
175	0	Stage DL-C: DL-	-5.5219	-1.9040	0.1958	-5.1398	-7.2394	0.0000	0.0000	-7.2394
175	I	Stage DL-C: DL-	-5.5219	-6.2578	-4.7528	-0.7982	-2.2910	0.0000	0.0000	-6.2578
177	0	Stage DL-C: DL-	3.1146	8.5625	8.0811	-2.3334	-1.8519	0.0000	0.0000	8.5625
177	I	Stage DL-C: DL-	3.1146	5.4097	3.3227	0.8195	3.9064	0.0000	0.0000	5.4097
178	0	Stage DL-C: DL-	-2.4288	-1.2085	0.3053	-3.9494	-5.1631	0.0000	0.0000	-5.1631
178	I	Stage DL-C: DL-	-2.4288	-3.2838	-3.8317	-1.3640	-1.2262	0.0000	0.0000	-3.8317
180	0	Stage DL-C: DL-	1.8307	7.6591	4.8651	-3.9677	-1.2038	0.0000	0.0000	7.6591
180	I	Stage DL-C: DL-	1.8307	1.8882	3.4908	1.7731	0.1705	0.0000	0.0000	3.4908
181	0	Stage DL-C: DL-	-1.3882	0.1511	-0.3821	-2.9296	-2.3964	0.0000	0.0000	-2.9296
181	I	Stage DL-C: DL-	-1.3882	-2.5741	-2.2490	-0.2044	-0.5295	0.0000	0.0000	-2.5741
183	0	Stage DL-C: DL-	0.8618	4.7172	6.3413	-2.9540	-4.5780	0.0000	0.0000	6.3412
183	I	Stage DL-C: DL-	0.8618	0.4597	3.0282	1.3035	-1.2650	0.0000	0.0000	3.0282
184	0	Stage DL-C: DL-	-0.6505	0.6305	1.1441	-2.1318	-2.4452	0.0000	0.0000	-2.4452
184	I	Stage DL-C: DL-	-0.6505	-2.0860	-1.4248	0.7649	0.1237	0.0000	0.0000	-2.0860
186	0	Stage DL-C: DL-	0.0298	3.0803	5.6594	-3.0307	-5.5999	0.0000	0.0000	5.6594

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
186	1	Stage DL-C: DL-	0.0298	0.7199	1.5859	-0.8600	-1.5284	0.0000	0.0000	1.5859
187	0	Stage DL-C: DL-	0.0418	1.1365	1.7793	-1.0549	-1.8957	0.0000	0.0000	1.7793
187	1	Stage DL-C: DL-	0.0418	-1.2510	-0.5780	1.3346	0.8818	0.0000	0.0000	1.3346
189	0	Stage DL-C: DL-	-0.8658	2.9212	3.6669	-4.1527	-4.9991	0.0000	0.0000	-4.9991
189	1	Stage DL-C: DL-	-0.8658	3.5805	-1.5366	-5.0120	0.2075	0.0000	0.0000	-5.0120
190	0	Stage DL-C: DL-	0.6009	1.3357	2.0199	-0.1340	-0.8182	0.0000	0.0000	2.0199
190	1	Stage DL-C: DL-	0.6009	-0.1990	0.8180	1.4006	0.8838	0.0000	0.0000	1.4006
192	0	Stage DL-C: DL-	-1.3117	4.7309	-0.3239	-7.3542	-2.2998	0.0000	0.0000	-7.3542
192	1	Stage DL-C: DL-	-1.3117	-0.1940	1.1080	-3.4294	-3.7326	0.0000	0.0000	-3.7326
193	0	Stage DL-C: DL-	1.1268	1.4633	2.0964	0.7706	0.1574	0.0000	0.0000	2.0964
193	1	Stage DL-C: DL-	1.1268	0.7212	0.8693	1.5328	1.5646	0.0000	0.0000	1.5646
195	0	Stage DL-C: DL-	-1.7988	1.2221	2.5355	-4.8000	-6.1134	0.0000	0.0000	-6.1134
195	1	Stage DL-C: DL-	-1.7988	-1.2393	1.0425	-2.9365	-4.8203	0.0000	0.0000	-4.8203
196	0	Stage DL-C: DL-	1.4784	2.3400	2.3028	0.8189	0.8542	0.0000	0.0000	2.3400
196	1	Stage DL-C: DL-	1.4784	1.1769	0.8102	1.7799	2.0466	0.0000	0.0000	2.0466
198	0	Stage DL-C: DL-	-2.1114	0.2745	2.5425	-4.4973	-6.7853	0.0000	0.0000	-6.7853
198	1	Stage DL-C: DL-	-2.1114	0.1492	-0.4483	-4.3720	-3.7746	0.0000	0.0000	-4.3720
199	0	Stage DL-C: DL-	1.7702	2.5275	2.2881	1.0128	1.2722	0.0000	0.0000	2.5275
199	1	Stage DL-C: DL-	1.7702	1.5246	1.5685	2.0157	1.9518	0.0000	0.0000	2.0157
201	0	Stage DL-C: DL-	-2.2559	1.2065	0.6008	-5.7214	-5.1126	0.0000	0.0000	-5.7214
201	1	Stage DL-C: DL-	-2.2559	1.1777	-1.1102	-5.6896	-3.4017	0.0000	0.0000	-5.6896
202	0	Stage DL-C: DL-	1.8252	2.2497	2.2199	1.6008	1.5305	0.0000	0.0000	2.2199
202	1	Stage DL-C: DL-	1.8252	1.4235	2.5478	2.4270	1.3026	0.0000	0.0000	2.5478
204	0	Stage DL-C: DL-	-3.3297	1.7598	-0.4985	-6.4192	-4.1609	0.0000	0.0000	-6.4192
204	1	Stage DL-C: DL-	-3.3297	-0.1741	0.4080	-4.4853	-5.0674	0.0000	0.0000	-5.0674
205	0	Stage DL-C: DL-	2.0570	1.7468	2.8330	2.3681	1.2811	0.0000	0.0000	2.8330
205	1	Stage DL-C: DL-	2.0570	2.1812	2.0053	1.9329	2.1068	0.0000	0.0000	2.1812
207	0	Stage DL-C: DL-	-2.4178	0.0776	0.8599	-4.9132	-5.4955	0.0000	0.0000	-5.4955
207	1	Stage DL-C: DL-	-2.4178	-0.3366	0.7559	-4.4990	-5.5915	0.0000	0.0000	-5.5915
208	0	Stage DL-C: DL-	2.1191	2.4624	2.3961	1.7759	1.9521	0.0000	0.0000	2.4624
208	1	Stage DL-C: DL-	2.1191	2.5506	1.9377	1.6874	2.3006	0.0000	0.0000	2.5506
210	0	Stage DL-C: DL-	-2.3966	-0.3518	0.7396	-4.4453	-5.5369	0.0000	0.0000	-5.5369
210	1	Stage DL-C: DL-	-2.3966	0.1258	0.7211	-4.9227	-5.5183	0.0000	0.0000	-5.5183
211	0	Stage DL-C: DL-	2.0990	2.4573	1.8446	1.7407	2.3534	0.0000	0.0000	2.4573

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
211	1	Stage DL-C: DL-	2.0990	2.5352	2.3179	1.8628	1.8801	0.0000	0.0000	2.5352
213	0	Stage DL-C: DL-	-2.2997	-0.0308	0.5627	-4.5887	-5.1621	0.0000	0.0000	-5.1621
213	1	Stage DL-C: DL-	-2.2997	1.4092	-0.8111	-6.0099	-3.8684	0.0000	0.0000	-6.0099
214	0	Stage DL-C: DL-	1.9885	2.0221	1.8061	1.9509	2.1969	0.0000	0.0000	2.1969
214	1	Stage DL-C: DL-	1.9885	1.8894	2.8559	2.1036	1.1171	0.0000	0.0000	2.8559
216	0	Stage DL-C: DL-	-2.1462	1.3539	-0.8775	-5.8504	-5.8190	0.0000	0.0000	-5.8504
216	1	Stage DL-C: DL-	-2.1462	0.9084	1.2057	-5.1049	-5.5021	0.0000	0.0000	-5.5021
217	0	Stage DL-C: DL-	1.8668	0.2241	1.1402	3.1094	2.1433	0.0000	0.0000	3.1094
217	1	Stage DL-C: DL-	1.8668	3.8713	3.8665	-0.8377	-0.8530	0.0000	0.0000	3.8713
219	0	Stage DL-C: DL-	-1.8262	-0.0495	0.3492	-3.6068	-4.0045	0.0000	0.0000	-4.0045
219	1	Stage DL-C: DL-	-1.8262	1.0448	1.8697	-4.7011	-5.6261	0.0000	0.0000	-5.6261
220	0	Stage DL-C: DL-	1.7689	4.5072	4.4221	-0.9895	-0.8843	0.0000	0.0000	4.5072
220	1	Stage DL-C: DL-	1.7689	8.5213	8.0734	-4.9836	-4.5357	0.0000	0.0000	8.5213
222	0	Stage DL-C: DL-	-1.3428	-0.2871	0.4271	-2.3980	-3.3223	0.0000	0.0000	-3.3223
222	1	Stage DL-C: DL-	-1.3428	2.5952	3.4039	-5.2803	-6.0889	0.0000	0.0000	-6.0889
223	0	Stage DL-C: DL-	1.1288	5.5509	5.1033	-3.2938	-2.8462	0.0000	0.0000	5.5509
223	1	Stage DL-C: DL-	1.1288	7.2823	7.0134	-6.0052	-4.7543	0.0000	0.0000	7.2823
225	0	Stage DL-C: DL-	-0.4828	0.6228	1.4288	-1.5463	-2.3542	0.0000	0.0000	-2.3542
225	1	Stage DL-C: DL-	-0.4828	2.9122	2.6628	-3.8379	-3.5885	0.0000	0.0000	-3.8379
226	0	Stage DL-C: DL-	0.8882	5.2440	4.9967	-3.9678	-3.8203	0.0000	0.0000	5.2440
226	1	Stage DL-C: DL-	0.8882	5.2968	5.5717	-3.9104	-4.1853	0.0000	0.0000	5.5717
228	0	Stage DL-C: DL-	-0.7321	-1.1164	-1.0743	0.1244	0.0000	0.0000	0.0000	-1.1164
228	1	Stage DL-C: DL-	-0.7543	0.5797	0.1748	-3.3708	0.0000	0.0000	0.0000	-3.3708
229	0	Stage DL-C: DL-	-1.0548	0.0961	-0.5085	-2.9618	0.0000	0.0000	0.0000	-2.9618
229	1	Stage DL-C: DL-	-1.0328	-1.3722	-1.5628	0.0387	0.0000	0.0000	0.0000	-1.5628
230	0	Stage DL-C: DL-	0.2907	0.1496	0.1496	0.3500	0.3500	0.0000	0.0000	0.3500
230	1	Stage DL-C: DL-	0.2907	-0.0411	-0.0411	0.4001	0.4001	0.0000	0.0000	0.4001
231	0	Stage DL-C: DL-	0.2987	0.5417	0.5417	0.1968	0.1968	0.0000	0.0000	0.5417
231	1	Stage DL-C: DL-	0.2987	0.1509	0.1509	0.3608	0.3608	0.0000	0.0000	0.3608
233	0	Stage DL-C: DL-	-0.4821	0.0444	0.0836	-0.9088	-0.8580	0.0000	0.0000	-0.8580
233	1	Stage DL-C: DL-	-0.4821	0.7413	1.3492	-1.7056	-2.5135	0.0000	0.0000	-2.5135
234	0	Stage DL-C: DL-	0.8246	5.8699	5.8518	-4.6207	-4.6026	0.0000	0.0000	5.8699
234	1	Stage DL-C: DL-	0.8246	5.4635	5.0325	-4.2443	-3.7933	0.0000	0.0000	5.4635
236	0	Stage DL-C: DL-	-1.2721	2.6446	3.4541	-5.1887	-5.9983	0.0000	0.0000	-5.9983

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/cm²)	Normal Stress @ Point 1 (kgs/cm²)	Normal Stress @ Point 2 (kgs/cm²)	Normal Stress @ Point 3 (kgs/cm²)	Normal Stress @ Point 4 (kgs/cm²)	Normal Stress @ Point 5 (kgs/cm²)	Normal Stress @ Point 6 (kgs/cm²)	Max ABS Total Stress (kgs/cm²)
236	1	Stage DL-C: DL-	-1.2721	-0.0105	1.0126	-2.5336	-3.5568	0.0000	0.0000	-3.5568
237	0	Stage DL-C: DL-	1.0665	7.5208	7.0587	-5.3878	-4.9257	0.0000	0.0000	7.5208
237	1	Stage DL-C: DL-	1.0665	6.8647	5.3982	-3.7317	-3.1632	0.0000	0.0000	5.8647
239	0	Stage DL-C: DL-	-1.7422	1.1612	2.2048	-4.9653	-5.6891	0.0000	0.0000	-5.6891
239	1	Stage DL-C: DL-	-1.7422	-0.3183	0.8122	-3.8026	-3.9965	0.0000	0.0000	-3.9965
240	0	Stage DL-C: DL-	1.6820	8.7236	8.1547	-5.3596	-4.7907	0.0000	0.0000	8.7236
240	1	Stage DL-C: DL-	1.6820	4.6460	4.3194	-1.2820	-1.1554	0.0000	0.0000	4.6460
242	0	Stage DL-C: DL-	-3.0674	1.0995	1.2938	-5.2942	-5.4885	0.0000	0.0000	-5.4885
242	1	Stage DL-C: DL-	-3.0674	1.2962	-0.3141	-5.4809	-3.8536	0.0000	0.0000	-5.4809
243	0	Stage DL-C: DL-	1.5418	3.9259	3.7982	-0.9423	-0.7155	0.0000	0.0000	3.9259
243	1	Stage DL-C: DL-	1.5418	0.1582	1.1413	2.9255	1.9423	0.0000	0.0000	2.9255
244	0	Stage DL-C: DL-	0.5879	0.6869	0.4690	0.4868	0.0000	0.0000	0.0000	0.6869
244	1	Stage DL-C: DL-	0.5757	0.5935	0.5380	0.6099	0.0000	0.0000	0.0000	0.6099
245	0	Stage DL-C: DL-	-0.7190	-0.6454	-0.6887	-0.8621	0.0000	0.0000	0.0000	-0.8621
245	1	Stage DL-C: DL-	-0.6868	-0.2868	-0.9339	-0.7798	0.0000	0.0000	0.0000	-0.9339
246	0	Stage DL-C: DL-	-0.1073	-0.3793	-0.3793	0.0070	0.0070	0.0000	0.0000	-0.3793
246	1	Stage DL-C: DL-	-0.1073	-0.2758	-0.2758	-0.0365	-0.0365	0.0000	0.0000	-0.2758
247	0	Stage DL-C: DL-	-0.0192	0.3520	0.3520	-0.1752	-0.1752	0.0000	0.0000	0.3520
247	1	Stage DL-C: DL-	-0.0192	-0.2786	-0.2786	0.0697	0.0697	0.0000	0.0000	-0.2786
248	0	Stage DL-C: DL-	-2.1644	1.4637	-0.1351	-5.7995	-4.1837	0.0000	0.0000	-5.7995
248	1	Stage DL-C: DL-	-2.1644	3.4838	0.7573	-6.8124	-5.0861	0.0000	0.0000	-6.0861
250	0	Stage DL-C: DL-	1.8348	1.5460	2.4962	2.1232	1.1730	0.0000	0.0000	2.4962
250	1	Stage DL-C: DL-	1.8348	2.0546	1.8678	1.8145	1.7813	0.0000	0.0000	2.0546
252	0	Stage DL-C: DL-	-2.1783	0.0347	0.7694	-4.8912	-5.1458	0.0000	0.0000	-5.1458
252	1	Stage DL-C: DL-	-2.1783	0.2155	1.1451	-4.5721	-5.5016	0.0000	0.0000	-5.5016
253	0	Stage DL-C: DL-	1.8495	2.1205	1.8830	1.5794	1.7459	0.0000	0.0000	2.1205
253	1	Stage DL-C: DL-	1.8495	2.3206	1.7819	1.3765	1.9170	0.0000	0.0000	2.3206
255	0	Stage DL-C: DL-	-2.1328	0.0803	0.8607	-4.3259	-5.2583	0.0000	0.0000	-5.2583
255	1	Stage DL-C: DL-	-2.1328	0.7399	1.0731	-5.0050	-5.3357	0.0000	0.0000	-5.3357
256	0	Stage DL-C: DL-	1.8078	2.1292	1.5900	1.4948	2.0256	0.0000	0.0000	2.1292
256	1	Stage DL-C: DL-	1.8078	2.2382	2.0680	1.3775	1.5477	0.0000	0.0000	2.2382
258	0	Stage DL-C: DL-	-2.0407	0.3624	0.7128	-4.4638	-4.7942	0.0000	0.0000	-4.7942
258	1	Stage DL-C: DL-	-2.0407	1.5844	0.3691	-5.6458	-4.4505	0.0000	0.0000	-5.6458
259	0	Stage DL-C: DL-	1.7102	1.7923	1.6230	1.6280	1.7963	0.0000	0.0000	1.7963

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/cm²)	Normal Stress @ Point 1 (kgs/cm²)	Normal Stress @ Point 2 (kgs/cm²)	Normal Stress @ Point 3 (kgs/cm²)	Normal Stress @ Point 4 (kgs/cm²)	Normal Stress @ Point 5 (kgs/cm²)	Normal Stress @ Point 6 (kgs/cm²)	Max ABS Total Stress (kgs/cm²)
259	1	Stage DL-C: DL-	1.7102	1.5748	2.4858	1.8455	0.8345	0.0000	0.0000	2.4858
260	0	Stage DL-C: DL-	0.5247	0.6859	0.2363	0.5630	0.0000	0.0000	0.0000	0.6859
260	1	Stage DL-C: DL-	0.5025	0.4624	0.5846	0.4292	0.0000	0.0000	0.0000	0.5846
261	0	Stage DL-C: DL-	-0.5880	-0.4713	-0.4726	-0.8640	0.0000	0.0000	0.0000	-0.8640
261	1	Stage DL-C: DL-	-0.5656	-0.1273	-0.9247	-0.5089	0.0000	0.0000	0.0000	-0.9247
262	0	Stage DL-C: DL-	-0.1842	-0.5089	-0.5089	-0.0486	-0.0486	0.0000	0.0000	-0.5089
262	1	Stage DL-C: DL-	-0.1842	-0.4743	-0.4743	-0.0823	-0.0823	0.0000	0.0000	-0.4743
263	0	Stage DL-C: DL-	0.0193	0.4686	0.4686	-0.1694	-0.1694	0.0000	0.0000	0.4686
263	1	Stage DL-C: DL-	0.0193	-0.3134	-0.3134	0.1591	0.1591	0.0000	0.0000	-0.3134
265	0	Stage DL-C: DL-	-1.7879	1.3901	0.1007	-4.8658	-3.5784	0.0000	0.0000	-4.8658
265	1	Stage DL-C: DL-	-1.7879	1.5875	1.5436	-5.1633	-5.1194	0.0000	0.0000	-5.1633
266	0	Stage DL-C: DL-	1.4941	0.9471	1.8406	2.0410	1.1476	0.0000	0.0000	2.0410
266	1	Stage DL-C: DL-	1.4941	2.0435	2.1457	0.9447	0.8424	0.0000	0.0000	2.1457
268	0	Stage DL-C: DL-	-1.5113	0.5143	0.4732	-3.5369	-3.4958	0.0000	0.0000	-3.5369
268	1	Stage DL-C: DL-	-1.5113	2.0544	2.4291	-5.2770	-5.4517	0.0000	0.0000	-5.4517
269	0	Stage DL-C: DL-	1.2110	0.7369	0.8381	1.6831	1.5839	0.0000	0.0000	1.6831
269	1	Stage DL-C: DL-	1.2110	2.1270	1.9675	0.2951	0.4345	0.0000	0.0000	2.1270
271	0	Stage DL-C: DL-	-1.0414	0.5298	0.9088	-2.6127	-2.9884	0.0000	0.0000	-2.9884
271	1	Stage DL-C: DL-	-1.0414	2.7962	3.0405	-4.9768	-5.1233	0.0000	0.0000	-5.1233
272	0	Stage DL-C: DL-	0.8134	0.2878	0.1472	1.3398	1.4795	0.0000	0.0000	1.4795
272	1	Stage DL-C: DL-	0.8134	1.8645	1.8830	-0.2378	-0.2562	0.0000	0.0000	1.8830
274	0	Stage DL-C: DL-	-0.5025	1.2812	1.5050	-2.2663	-2.5101	0.0000	0.0000	-2.5101
274	1	Stage DL-C: DL-	-0.5025	3.1079	3.0492	-4.1129	-4.0543	0.0000	0.0000	-4.1129
275	0	Stage DL-C: DL-	0.3756	-0.1499	-0.1311	0.9010	0.8822	0.0000	0.0000	0.9010
275	1	Stage DL-C: DL-	0.3756	0.8944	1.3000	-0.1433	-0.5488	0.0000	0.0000	1.3000
276	0	Stage DL-C: DL-	0.0021	0.0606	-0.0174	0.7983	0.0000	0.0000	0.0000	0.7983
276	1	Stage DL-C: DL-	-0.0201	-0.0837	0.4166	-0.5582	0.0000	0.0000	0.0000	-0.5582
277	0	Stage DL-C: DL-	-0.1347	-0.1729	0.2839	-0.6881	0.0000	0.0000	0.0000	-0.6881
277	1	Stage DL-C: DL-	-0.1125	0.7934	-1.0310	0.2498	0.0000	0.0000	0.0000	-1.0310
279	0	Stage DL-C: DL-	-0.2990	0.2662	0.2662	-0.5457	-0.5457	0.0000	0.0000	-0.5457
279	1	Stage DL-C: DL-	-0.2990	-1.8208	-1.8208	0.3623	0.3623	0.0000	0.0000	-1.8208
279	0	Stage DL-C: DL-	0.0707	0.6104	0.6104	-0.1560	-0.1560	0.0000	0.0000	0.6104
279	1	Stage DL-C: DL-	0.0707	-0.5892	-0.5892	0.3396	0.3396	0.0000	0.0000	-0.5892
281	0	Stage DL-C: DL-	0.3195	2.1881	2.2286	-1.5581	-1.5896	0.0000	0.0000	2.2286

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
281	I	Stage DL-C: DL-	0.3195	4.6715	4.1711	-4.3320	-3.5320	0.0000	0.0000	4.6715
282	0	Stage DL-C: DL-	-0.2582	-0.9227	-0.8308	0.4084	0.0146	0.0000	0.0000	-0.9227
282	I	Stage DL-C: DL-	-0.2582	0.6336	1.3374	-1.1499	-1.8537	0.0000	0.0000	-1.8537
284	0	Stage DL-C: DL-	1.1182	2.5115	1.7123	-0.2790	0.5202	0.0000	0.0000	2.5115
284	I	Stage DL-C: DL-	1.1182	6.3851	5.5718	-4.1529	-3.1385	0.0000	0.0000	6.3851
285	0	Stage DL-C: DL-	-0.9174	-2.4056	-1.7024	0.5710	-0.1324	0.0000	0.0000	-2.4056
285	I	Stage DL-C: DL-	-0.9174	0.3072	1.0933	-2.1420	-2.9281	0.0000	0.0000	-2.9281
287	0	Stage DL-C: DL-	2.0796	3.5064	2.4933	0.6626	1.8659	0.0000	0.0000	3.5064
287	I	Stage DL-C: DL-	2.0796	6.8642	7.0398	-2.7251	-2.8807	0.0000	0.0000	7.0398
288	0	Stage DL-C: DL-	-1.7060	-3.3431	-2.5571	-0.8890	-0.8550	0.0000	0.0000	-3.3431
288	I	Stage DL-C: DL-	-1.7060	-0.0280	0.3142	-3.3846	-3.7283	0.0000	0.0000	-3.7283
290	0	Stage DL-C: DL-	3.0698	4.2609	4.4150	1.8798	1.7245	0.0000	0.0000	4.4150
290	I	Stage DL-C: DL-	3.0698	5.5370	8.8152	0.8025	-2.8757	0.0000	0.0000	8.8152
291	0	Stage DL-C: DL-	-2.5054	-3.7103	-3.3672	-1.3005	-1.8438	0.0000	0.0000	-3.7103
291	I	Stage DL-C: DL-	-2.5054	-0.8240	-1.7765	-4.1868	-3.2343	0.0000	0.0000	-4.1868
292	0	Stage DL-C: DL-	-0.6435	-0.8998	-1.6328	0.9802	0.0000	0.0000	0.0000	-1.6328
292	I	Stage DL-C: DL-	-0.6852	-0.4428	0.1000	-1.9438	0.0000	0.0000	0.0000	-1.9438
293	0	Stage DL-C: DL-	0.4186	0.5812	1.0106	-0.5370	0.0000	0.0000	0.0000	1.0106
293	I	Stage DL-C: DL-	0.4420	1.2101	-0.7439	1.3107	0.0000	0.0000	0.0000	1.3107
294	0	Stage DL-C: DL-	-0.2343	0.6292	0.6292	-0.5832	-0.5832	0.0000	0.0000	0.6292
294	I	Stage DL-C: DL-	-0.2345	-2.2400	-2.2400	0.6222	0.6222	0.0000	0.0000	-2.2400
295	0	Stage DL-C: DL-	0.0108	0.4254	0.4254	-0.1633	-0.1633	0.0000	0.0000	0.4254
295	I	Stage DL-C: DL-	0.0108	-0.4763	-0.4763	0.2155	0.2155	0.0000	0.0000	-0.4763
297	0	Stage DL-C: DL-	4.4691	4.1181	7.6486	4.8202	1.2876	0.0000	0.0000	7.6486
297	I	Stage DL-C: DL-	4.4691	10.4468	8.7030	-1.5106	0.2342	0.0000	0.0000	10.4468
298	0	Stage DL-C: DL-	-3.5763	-3.9258	-4.5845	-3.2268	-2.2891	0.0000	0.0000	-4.5845
298	I	Stage DL-C: DL-	-3.5763	-2.3991	-0.6982	-4.7535	-6.2534	0.0000	0.0000	-6.2534
300	0	Stage DL-C: DL-	5.7497	6.7165	4.9695	4.7629	6.5299	0.0000	0.0000	6.7165
300	I	Stage DL-C: DL-	5.7497	13.3683	9.6145	-1.5869	1.9849	0.0000	0.0000	13.3683
301	0	Stage DL-C: DL-	-4.6382	-7.2915	-5.7904	-1.9846	-3.4660	0.0000	0.0000	-7.2915
301	I	Stage DL-C: DL-	-4.6382	-3.2129	-0.8749	-6.0635	-8.4015	0.0000	0.0000	-8.4015
303	0	Stage DL-C: DL-	7.2474	9.0093	5.2538	5.4654	9.2409	0.0000	0.0000	9.2409
303	I	Stage DL-C: DL-	7.2474	14.2948	12.8858	0.1999	1.9089	0.0000	0.0000	14.2948
304	0	Stage DL-C: DL-	-5.8492	-6.8133	-6.4744	-2.8851	-5.2241	0.0000	0.0000	-6.8133

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
304	I	Stage DL-C: DL-	-5.8492	-3.9804	-2.6814	-7.7180	-8.8171	0.0000	0.0000	-8.8171
306	0	Stage DL-C: DL-	8.9533	10.5168	8.9068	7.1898	8.7999	0.0000	0.0000	10.5168
306	I	Stage DL-C: DL-	8.9533	10.0937	15.7620	7.6130	1.9447	0.0000	0.0000	15.7620
307	0	Stage DL-C: DL-	-8.9209	-8.9333	-7.5336	-4.9065	-6.0090	0.0000	0.0000	-8.9333
307	I	Stage DL-C: DL-	-8.9209	-3.9070	-6.6243	-8.9349	-7.2175	0.0000	0.0000	-8.9349
308	0	Stage DL-C: DL-	-2.8351	-2.9867	-2.6822	-2.6184	0.0000	0.0000	0.0000	-2.9867
308	I	Stage DL-C: DL-	-2.6573	-2.6342	-2.8218	-3.1286	0.0000	0.0000	0.0000	-3.1286
309	0	Stage DL-C: DL-	-0.8260	-0.6696	-1.0455	-0.6622	0.0000	0.0000	0.0000	-1.0455
309	I	Stage DL-C: DL-	-0.6026	0.2261	-1.1758	-1.3192	0.0000	0.0000	0.0000	-1.3192
310	0	Stage DL-C: DL-	0.5474	1.5572	1.5572	0.1231	0.1231	0.0000	0.0000	1.5572
310	I	Stage DL-C: DL-	0.5474	-1.8508	-1.8508	1.5549	1.5549	0.0000	0.0000	-1.8508
311	0	Stage DL-C: DL-	0.4084	0.5784	0.5784	0.3068	0.3068	0.0000	0.0000	0.5784
311	I	Stage DL-C: DL-	0.4084	0.0787	0.0787	0.5469	0.5469	0.0000	0.0000	0.5469
313	0	Stage DL-C: DL-	8.7788	10.0843	15.6705	7.4695	1.6833	0.0000	0.0000	15.6705
313	I	Stage DL-C: DL-	8.7788	10.1829	8.7204	7.3706	8.8334	0.0000	0.0000	10.1829
314	0	Stage DL-C: DL-	-8.6872	-3.7209	-6.3745	-10.0135	-7.3599	0.0000	0.0000	-10.0135
314	I	Stage DL-C: DL-	-8.6872	-8.0125	-8.0190	-4.7220	-5.7154	0.0000	0.0000	-8.0125
316	0	Stage DL-C: DL-	7.0492	14.2600	12.7937	-0.1677	1.2968	0.0000	0.0000	14.2600
316	I	Stage DL-C: DL-	7.0492	8.4855	4.8833	5.6068	9.2091	0.0000	0.0000	9.2091
317	0	Stage DL-C: DL-	-5.6877	-3.5899	-2.5743	-7.5055	-8.8011	0.0000	0.0000	-8.8011
317	I	Stage DL-C: DL-	-5.6877	-6.7369	-6.6297	-2.6395	-4.7457	0.0000	0.0000	-6.7369
319	0	Stage DL-C: DL-	5.4143	13.1963	9.5905	-2.3677	1.2361	0.0000	0.0000	13.1963
319	I	Stage DL-C: DL-	5.4143	6.1477	4.3796	4.6609	8.4490	0.0000	0.0000	8.4490
320	0	Stage DL-C: DL-	-4.3867	-2.6364	-0.5263	-6.0980	-8.2072	0.0000	0.0000	-8.2072
320	I	Stage DL-C: DL-	-4.3867	-7.0928	-5.8431	-1.6406	-2.6704	0.0000	0.0000	-7.0928
322	0	Stage DL-C: DL-	4.0053	10.1808	8.4100	-2.1701	-0.3994	0.0000	0.0000	10.1808
322	I	Stage DL-C: DL-	4.0053	3.7743	6.7831	4.2362	1.2474	0.0000	0.0000	6.7831
323	0	Stage DL-C: DL-	-3.1868	-1.7187	-0.4676	-4.6789	-5.9101	0.0000	0.0000	-5.9101
323	I	Stage DL-C: DL-	-3.1868	-3.8173	-4.7559	-2.7804	-1.8417	0.0000	0.0000	-4.7559
324	0	Stage DL-C: DL-	-0.4813	0.6448	-0.0124	-2.2882	0.0000	0.0000	0.0000	-2.2882
324	I	Stage DL-C: DL-	-0.5137	-1.2095	-0.8843	0.8659	0.0000	0.0000	0.0000	-1.2095
325	0	Stage DL-C: DL-	0.2828	-0.6702	-0.2776	2.0092	0.0000	0.0000	0.0000	2.0092
325	I	Stage DL-C: DL-	0.3050	2.3491	0.4780	-1.8779	0.0000	0.0000	0.0000	2.3491
326	0	Stage DL-C: DL-	-0.1251	0.6067	0.6067	-0.4325	-0.4325	0.0000	0.0000	0.6067

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
326	1	Stage DL-C: DL-	-0.1251	-1.9980	-1.9980	0.9618	0.9618	0.0000	0.0000	-1.9980
327	0	Stage DL-C: DL-	-0.0620	0.3214	0.3214	-0.2230	-0.2230	0.0000	0.0000	0.3214
327	1	Stage DL-C: DL-	-0.0620	-0.4037	-0.4037	0.0816	0.0816	0.0000	0.0000	-0.4037
328	0	Stage DL-C: DL-	2.4487	5.2545	8.1739	-0.3570	-3.2784	0.0000	0.0000	8.1739
328	1	Stage DL-C: DL-	2.4487	3.2113	3.7309	1.6862	1.1666	0.0000	0.0000	3.7309
330	0	Stage DL-C: DL-	-2.0108	-0.1432	-1.1600	-3.8778	-2.8610	0.0000	0.0000	-3.8778
330	1	Stage DL-C: DL-	-2.0108	-3.1812	-3.3293	-0.8398	-0.6917	0.0000	0.0000	-3.3293
332	0	Stage DL-C: DL-	1.3287	6.2154	6.7321	-3.5980	-4.0747	0.0000	0.0000	6.7321
332	1	Stage DL-C: DL-	1.3287	2.1455	1.8485	0.3119	0.8089	0.0000	0.0000	2.1455
333	0	Stage DL-C: DL-	-1.0898	1.0534	0.8069	-3.2350	-3.0864	0.0000	0.0000	-3.2350
333	1	Stage DL-C: DL-	-1.0898	-2.6275	-2.5386	0.4480	0.3600	0.0000	0.0000	-2.6275
335	0	Stage DL-C: DL-	0.2311	5.2191	4.9134	-4.7039	-4.4012	0.0000	0.0000	5.2191
335	1	Stage DL-C: DL-	0.2311	1.4521	1.0542	-0.9899	-0.5920	0.0000	0.0000	1.4521
336	0	Stage DL-C: DL-	-0.1763	1.5800	1.8810	-1.9425	-2.0335	0.0000	0.0000	-2.0335
336	1	Stage DL-C: DL-	-0.1763	-1.5553	-1.4865	1.2028	1.1340	0.0000	0.0000	-1.5553
338	0	Stage DL-C: DL-	-0.6567	3.8360	3.2334	-4.9534	-4.5508	0.0000	0.0000	-4.9534
338	1	Stage DL-C: DL-	-0.6567	1.6883	1.0088	-3.0060	-2.3261	0.0000	0.0000	-3.0060
339	0	Stage DL-C: DL-	0.5664	1.9506	2.3219	-0.7778	-0.4065	0.0000	0.0000	2.3219
339	1	Stage DL-C: DL-	0.5664	-0.1567	-0.0117	1.3295	1.1845	0.0000	0.0000	1.3295
340	0	Stage DL-C: DL-	0.3610	1.0328	0.4094	-0.3098	0.0000	0.0000	0.0000	1.0328
340	1	Stage DL-C: DL-	0.3588	0.1818	0.2120	0.7387	0.0000	0.0000	0.0000	0.7387
341	0	Stage DL-C: DL-	-0.4850	-0.9414	-0.9833	0.8891	0.0000	0.0000	0.0000	-0.9833
341	1	Stage DL-C: DL-	-0.4828	0.9620	-0.2204	-1.8222	0.0000	0.0000	0.0000	-1.8222
342	0	Stage DL-C: DL-	-0.1105	-0.4143	-0.4145	0.0171	0.0171	0.0000	0.0000	-0.4143
342	1	Stage DL-C: DL-	-0.1105	-0.4374	-0.4374	0.0268	0.0268	0.0000	0.0000	-0.4374
343	0	Stage DL-C: DL-	-0.0799	0.3080	0.3080	-0.2410	-0.2410	0.0000	0.0000	0.3080
343	1	Stage DL-C: DL-	-0.0799	-0.2774	-0.2774	0.0048	0.0048	0.0000	0.0000	-0.2774
345	0	Stage DL-C: DL-	-1.5888	2.2401	1.6351	-5.4180	-4.8130	0.0000	0.0000	-5.4180
345	1	Stage DL-C: DL-	-1.5888	-0.0464	0.5400	-3.1315	-3.7179	0.0000	0.0000	-3.7179
346	0	Stage DL-C: DL-	1.3388	2.1247	2.3962	0.5550	0.2835	0.0000	0.0000	2.3962
346	1	Stage DL-C: DL-	1.3388	0.9453	0.1688	1.7384	2.4831	0.0000	0.0000	2.4831
348	0	Stage DL-C: DL-	-2.2191	1.5208	2.1049	-5.9581	-6.5431	0.0000	0.0000	-6.5431
348	1	Stage DL-C: DL-	-2.2191	-1.1148	0.0239	-3.3236	-4.4621	0.0000	0.0000	-4.4621
349	0	Stage DL-C: DL-	1.9167	3.5881	2.8327	0.2452	1.0007	0.0000	0.0000	3.5881

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
349	1	Stage DL-C: DL-	1.9167	1.6038	0.4778	2.2295	3.3556	0.0000	0.0000	3.3556
351	0	Stage DL-C: DL-	-2.8510	0.4197	1.5049	-6.1218	-7.2568	0.0000	0.0000	-7.2568
351	1	Stage DL-C: DL-	-2.8510	-1.1737	-0.8859	-4.5262	-4.8160	0.0000	0.0000	-4.8160
352	0	Stage DL-C: DL-	2.4674	4.1418	3.0174	0.7930	1.9173	0.0000	0.0000	4.1418
352	1	Stage DL-C: DL-	2.4674	1.9854	1.3886	2.8093	3.5459	0.0000	0.0000	3.5459
354	0	Stage DL-C: DL-	-3.3756	-0.0215	0.2828	-6.7286	-7.0139	0.0000	0.0000	-7.0139
354	1	Stage DL-C: DL-	-3.3756	0.1900	-2.2537	-6.9411	-6.4674	0.0000	0.0000	-6.9411
355	0	Stage DL-C: DL-	2.8228	4.5860	3.4833	1.7579	2.3622	0.0000	0.0000	4.5860
355	1	Stage DL-C: DL-	2.8228	2.0568	3.0684	3.7988	2.7772	0.0000	0.0000	3.7988
356	0	Stage DL-C: DL-	0.9630	1.4310	0.9832	0.4671	0.9509	0.0000	0.0000	1.4310
356	1	Stage DL-C: DL-	0.9408	0.8398	0.8235	1.1037	0.9000	0.0000	0.0000	1.1037
357	0	Stage DL-C: DL-	-1.0361	-1.3018	-1.3086	-0.3943	0.0000	0.0000	0.0000	-1.3086
357	1	Stage DL-C: DL-	-1.0139	-0.2441	-0.6813	-1.8149	0.0000	0.0000	0.0000	-1.8149
358	0	Stage DL-C: DL-	-0.0334	-0.4526	-0.4526	0.1428	0.1426	0.0000	0.0000	-0.4526
358	1	Stage DL-C: DL-	-0.0334	-0.1404	-0.1404	0.0115	0.0115	0.0000	0.0000	-0.1404
359	0	Stage DL-C: DL-	-0.1425	0.3549	0.3549	-0.3516	-0.3516	0.0000	0.0000	0.3549
359	1	Stage DL-C: DL-	-0.1425	-0.4439	-0.4439	-0.0159	-0.0159	0.0000	0.0000	-0.4439
361	0	Stage DL-C: DL-	-3.9055	0.4742	-1.9659	-6.2852	-5.8450	0.0000	0.0000	-6.2852
361	1	Stage DL-C: DL-	-3.9055	-2.1718	-1.1033	-6.6361	-6.7077	0.0000	0.0000	-6.7077
362	0	Stage DL-C: DL-	3.3494	3.3475	4.4299	3.2613	2.2689	0.0000	0.0000	4.4299
362	1	Stage DL-C: DL-	3.3494	3.6631	2.3811	3.0957	4.3376	0.0000	0.0000	4.3376
364	0	Stage DL-C: DL-	-4.2265	-1.3551	-0.2478	-7.0876	-8.1654	0.0000	0.0000	-8.1654
364	1	Stage DL-C: DL-	-4.2265	-3.2183	-0.7705	-8.2346	-7.6624	0.0000	0.0000	-7.6624
365	0	Stage DL-C: DL-	3.6475	4.9857	3.7242	2.3292	3.5707	0.0000	0.0000	4.9857
365	1	Stage DL-C: DL-	3.6475	4.3015	2.2004	2.9434	5.0945	0.0000	0.0000	5.0945
367	0	Stage DL-C: DL-	-4.5143	-2.5157	-0.0884	-8.5130	-8.9592	0.0000	0.0000	-8.9592
367	1	Stage DL-C: DL-	-4.5143	-2.8509	-1.3864	-8.1777	-7.8422	0.0000	0.0000	-7.8422
368	0	Stage DL-C: DL-	3.8894	5.5120	3.3617	2.2868	4.4572	0.0000	0.0000	5.5120
368	1	Stage DL-C: DL-	3.8894	4.4197	2.8830	3.3791	4.8158	0.0000	0.0000	4.8158
370	0	Stage DL-C: DL-	-4.7194	-2.4318	-0.9888	-7.0072	-6.4593	0.0000	0.0000	-6.4593
370	1	Stage DL-C: DL-	-4.7194	-1.0365	-3.1371	-8.4023	-8.3017	0.0000	0.0000	-8.4023
371	0	Stage DL-C: DL-	4.0784	5.2448	3.7095	2.9118	4.4472	0.0000	0.0000	5.2448
371	1	Stage DL-C: DL-	4.0784	3.6496	4.3430	4.5071	3.8139	0.0000	0.0000	4.5071
372	0	Stage DL-C: DL-	1.0476	1.2974	0.8690	1.0183	0.0000	0.0000	0.0000	1.2974

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
372	1	Stage DL-C: DL-	1.0254	1.1000	0.9490	1.0563	0.0000	0.0000	0.0000	1.1000
373	0	Stage DL-C: DL-	-1.1022	-1.1229	-1.0992	-1.0861	0.0000	0.0000	0.0000	-1.1229
373	1	Stage DL-C: DL-	-1.0800	-0.4636	-1.2465	-1.4638	0.0000	0.0000	0.0000	-1.4638
374	0	Stage DL-C: DL-	0.0043	-0.4006	-0.4006	0.1745	0.1745	0.0000	0.0000	-0.4006
374	1	Stage DL-C: DL-	0.0043	-0.1188	-0.1188	0.0552	0.0552	0.0000	0.0000	-0.1189
375	0	Stage DL-C: DL-	-0.1680	0.3328	0.3328	-0.3784	-0.3784	0.0000	0.0000	-0.3784
375	1	Stage DL-C: DL-	-0.1680	-0.4689	-0.4689	-0.0418	-0.0418	0.0000	0.0000	-0.4689
377	0	Stage DL-C: DL-	-4.8883	-1.0157	-3.0319	-6.7150	-6.6867	0.0000	0.0000	-6.7150
377	1	Stage DL-C: DL-	-4.8883	-2.4636	-1.6456	-7.2472	-7.8650	0.0000	0.0000	-7.8650
378	0	Stage DL-C: DL-	4.1888	4.0779	4.7830	4.3003	3.8148	0.0000	0.0000	4.7830
378	1	Stage DL-C: DL-	4.1888	4.7285	3.7127	3.8493	4.9651	0.0000	0.0000	4.7285
380	0	Stage DL-C: DL-	-4.8829	-2.3966	-1.7580	-7.3693	-8.0078	0.0000	0.0000	-8.0078
380	1	Stage DL-C: DL-	-4.8829	-2.4035	-1.7459	-7.3623	-8.0199	0.0000	0.0000	-8.0199
381	0	Stage DL-C: DL-	4.2214	4.6749	3.8567	3.5679	4.5840	0.0000	0.0000	4.6749
381	1	Stage DL-C: DL-	4.2214	4.8714	3.8636	3.5713	4.5792	0.0000	0.0000	4.8714
383	0	Stage DL-C: DL-	-4.8608	-2.5033	-1.8481	-7.2184	-7.8756	0.0000	0.0000	-7.8756
383	1	Stage DL-C: DL-	-4.8608	-1.0130	-2.8719	-6.7087	-6.7498	0.0000	0.0000	-6.7087
384	0	Stage DL-C: DL-	4.1921	4.7397	3.7322	3.6444	4.6520	0.0000	0.0000	4.7397
384	1	Stage DL-C: DL-	4.1921	4.0428	4.7532	4.3413	3.8310	0.0000	0.0000	4.7532
385	0	Stage DL-C: DL-	1.0479	1.4832	1.0739	0.5786	0.0000	0.0000	0.0000	1.4832
385	1	Stage DL-C: DL-	1.0257	1.0670	0.8180	1.1358	0.0000	0.0000	0.0000	1.1358
386	0	Stage DL-C: DL-	-1.1023	-1.0131	-0.8900	-1.3465	0.0000	0.0000	0.0000	-1.3465
386	1	Stage DL-C: DL-	-1.0801	-0.8604	-1.4453	-0.9857	0.0000	0.0000	0.0000	-1.4453
387	0	Stage DL-C: DL-	0.0044	-0.4005	-0.4005	0.1745	0.1745	0.0000	0.0000	-0.4005
387	1	Stage DL-C: DL-	0.0044	-0.1188	-0.1188	0.0553	0.0553	0.0000	0.0000	-0.1188
388	0	Stage DL-C: DL-	-0.1679	0.3331	0.3331	-0.3784	-0.3784	0.0000	0.0000	-0.3784
388	1	Stage DL-C: DL-	-0.1679	-0.4691	-0.4691	-0.0414	-0.0414	0.0000	0.0000	-0.4691
390	0	Stage DL-C: DL-	-4.7235	-1.0441	-3.1917	-6.4028	-6.2553	0.0000	0.0000	-6.4028
390	1	Stage DL-C: DL-	-4.7235	-2.4093	-0.8703	-7.0376	-6.4767	0.0000	0.0000	-6.4767
391	0	Stage DL-C: DL-	4.0754	3.6825	4.3551	4.4662	3.7956	0.0000	0.0000	4.4662
391	1	Stage DL-C: DL-	4.0754	5.2348	3.6662	2.9160	4.4615	0.0000	0.0000	5.2348
393	0	Stage DL-C: DL-	-4.5141	-2.8408	-1.3984	-6.1873	-7.8287	0.0000	0.0000	-7.8287
393	1	Stage DL-C: DL-	-4.5141	-2.5154	-0.0678	-6.5127	-6.9603	0.0000	0.0000	-6.9603
394	0	Stage DL-C: DL-	3.8997	4.4244	2.8775	3.3749	4.8218	0.0000	0.0000	4.8218

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
394	1	Stage DL-C: DL-	3.8997	5.5122	3.3626	2.2871	4.4367	0.0000	0.0000	5.5122
396	0	Stage DL-C: DL-	-4.2260	-3.2192	-0.7701	-5.2328	-7.6819	0.0000	0.0000	-7.6819
396	1	Stage DL-C: DL-	-4.2260	-1.3680	-2.2722	-7.0860	-6.1796	0.0000	0.0000	-6.1796
397	0	Stage DL-C: DL-	3.6475	4.3509	2.2004	2.9441	5.0846	0.0000	0.0000	5.0846
397	1	Stage DL-C: DL-	3.6475	4.9805	3.7308	2.3345	3.5844	0.0000	0.0000	4.9805
399	0	Stage DL-C: DL-	-3.9007	-2.1950	-1.1002	-5.6065	-6.7012	0.0000	0.0000	-6.7012
399	1	Stage DL-C: DL-	-3.9007	0.4802	-1.9084	-8.2816	-5.8931	0.0000	0.0000	-8.2816
400	0	Stage DL-C: DL-	3.3526	3.8127	2.3623	3.0626	4.3239	0.0000	0.0000	4.3239
400	1	Stage DL-C: DL-	3.3526	3.3141	4.4190	3.3912	2.2863	0.0000	0.0000	4.4190
401	0	Stage DL-C: DL-	0.9631	1.2335	0.7858	0.6075	0.0000	0.0000	0.0000	1.2335
401	1	Stage DL-C: DL-	0.9409	1.0092	0.8828	0.9390	0.0000	0.0000	0.0000	1.0092
402	0	Stage DL-C: DL-	-1.0363	-0.8598	-0.6864	-1.9235	0.0000	0.0000	0.0000	-1.9235
402	1	Stage DL-C: DL-	-1.0141	-0.8006	-1.5479	-0.4908	0.0000	0.0000	0.0000	-1.5479
403	0	Stage DL-C: DL-	-0.0335	-0.4526	-0.4526	0.1426	0.1426	0.0000	0.0000	-0.4526
403	1	Stage DL-C: DL-	-0.0335	-0.1404	-0.1404	0.0115	0.0115	0.0000	0.0000	-0.1404
404	0	Stage DL-C: DL-	-0.1427	0.3548	0.3548	-0.3517	-0.3517	0.0000	0.0000	0.3548
404	1	Stage DL-C: DL-	-0.1427	-0.4440	-0.4440	-0.0161	-0.0161	0.0000	0.0000	-0.4440
406	0	Stage DL-C: DL-	-3.3794	0.1851	-2.3105	-6.9439	-4.4463	0.0000	0.0000	-6.9439
406	1	Stage DL-C: DL-	-3.3794	0.0031	0.2802	-6.7616	-7.0180	0.0000	0.0000	-7.0180
407	0	Stage DL-C: DL-	2.9198	2.0808	3.0794	3.7490	2.7604	0.0000	0.0000	3.7490
407	1	Stage DL-C: DL-	2.9198	4.0798	3.4624	1.7610	2.3774	0.0000	0.0000	4.0798
409	0	Stage DL-C: DL-	-2.8505	-1.1815	-0.9009	-4.5386	-4.8002	0.0000	0.0000	-4.8002
409	1	Stage DL-C: DL-	-2.8505	0.4214	1.5855	-6.1225	-7.2988	0.0000	0.0000	-7.2988
410	0	Stage DL-C: DL-	2.4677	2.0011	1.3827	2.8343	3.5527	0.0000	0.0000	3.5527
410	1	Stage DL-C: DL-	2.4677	4.1428	3.0179	0.7929	1.9175	0.0000	0.0000	4.1428
412	0	Stage DL-C: DL-	-2.2185	-1.1142	0.0232	-3.3229	-4.4602	0.0000	0.0000	-4.4602
412	1	Stage DL-C: DL-	-2.2185	1.5104	2.1201	-5.9474	-6.5571	0.0000	0.0000	-6.5571
413	0	Stage DL-C: DL-	1.9169	1.6039	0.4774	2.2298	3.3562	0.0000	0.0000	3.3562
413	1	Stage DL-C: DL-	1.9169	3.5832	2.8392	0.2504	0.9845	0.0000	0.0000	3.5832
415	0	Stage DL-C: DL-	-1.5841	-0.0865	0.5428	-3.0990	-3.7111	0.0000	0.0000	-3.7111
415	1	Stage DL-C: DL-	-1.5841	2.3480	1.6831	-5.4143	-4.8614	0.0000	0.0000	-5.4143
416	0	Stage DL-C: DL-	1.3432	0.8531	0.2078	1.7333	2.4786	0.0000	0.0000	2.4786
416	1	Stage DL-C: DL-	1.3432	2.0911	2.3857	0.5953	0.3007	0.0000	0.0000	2.3857
417	0	Stage DL-C: DL-	0.3606	0.7147	0.0917	0.4452	0.0000	0.0000	0.0000	0.7147

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
417	1	Stage DL-C: DL-	0.3584	0.3981	0.4288	0.2286	0.0000	0.0000	0.0000	0.4288
418	0	Stage DL-C: DL-	-0.4848	0.1321	0.0801	-1.8952	0.0000	0.0000	0.0000	-1.8952
418	1	Stage DL-C: DL-	-0.4626	-0.4550	-1.2367	0.3563	0.0000	0.0000	0.0000	-1.2367
419	0	Stage DL-C: DL-	-0.1111	-0.4149	-0.4149	0.0166	0.0166	0.0000	0.0000	-0.4149
419	1	Stage DL-C: DL-	-0.1111	-0.4374	-0.4374	0.0260	0.0260	0.0000	0.0000	-0.4374
420	0	Stage DL-C: DL-	-0.0765	0.3079	0.3079	-0.2408	-0.2408	0.0000	0.0000	0.3079
420	1	Stage DL-C: DL-	-0.0765	-0.2772	-0.2772	0.0048	0.0048	0.0000	0.0000	-0.2772
422	0	Stage DL-C: DL-	-0.6628	1.6833	0.9813	-3.0068	-2.2768	0.0000	0.0000	-3.0068
422	1	Stage DL-C: DL-	-0.6628	3.8591	3.2328	-4.9847	-4.9581	0.0000	0.0000	-4.9847
423	0	Stage DL-C: DL-	0.5836	-0.1228	-0.0002	1.2900	1.1675	0.0000	0.0000	1.2900
423	1	Stage DL-C: DL-	0.5836	1.9413	2.0011	-0.7741	-0.8339	0.0000	0.0000	2.0011
425	0	Stage DL-C: DL-	0.2311	1.4615	1.0367	-0.8862	-0.5774	0.0000	0.0000	1.4615
425	1	Stage DL-C: DL-	0.2311	5.2160	4.9152	-4.7557	-4.4529	0.0000	0.0000	5.2160
426	0	Stage DL-C: DL-	-0.1757	-1.5496	-1.4823	1.1981	1.1408	0.0000	0.0000	-1.5496
426	1	Stage DL-C: DL-	-0.1757	1.5910	1.6818	-1.9425	-2.0333	0.0000	0.0000	-2.0333
428	0	Stage DL-C: DL-	1.3291	2.1438	1.8467	0.8144	0.8115	0.0000	0.0000	2.1438
428	1	Stage DL-C: DL-	1.3291	8.2061	8.7467	-3.5479	-4.0908	0.0000	0.0000	8.7467
429	0	Stage DL-C: DL-	-1.0895	-2.8277	-2.5389	0.4467	0.3609	0.0000	0.0000	-2.8277
429	1	Stage DL-C: DL-	-1.0895	1.0468	0.8135	-3.2278	-3.0820	0.0000	0.0000	-3.2278
431	0	Stage DL-C: DL-	2.4536	3.1870	3.7325	1.7202	1.1747	0.0000	0.0000	3.7325
431	1	Stage DL-C: DL-	2.4536	5.2809	6.2337	-0.3537	-3.3265	0.0000	0.0000	6.2337
432	0	Stage DL-C: DL-	-2.0071	-3.1714	-3.3083	-0.8428	-0.7059	0.0000	0.0000	-3.3083
432	1	Stage DL-C: DL-	-2.0071	-0.1764	-1.1709	-3.8378	-2.8437	0.0000	0.0000	-3.8378
433	0	Stage DL-C: DL-	-0.4922	-0.5955	-1.2526	0.8809	0.0000	0.0000	0.0000	-1.2526
433	1	Stage DL-C: DL-	-0.5144	-0.4012	-0.0561	-1.2801	0.0000	0.0000	0.0000	-1.2801
434	0	Stage DL-C: DL-	0.2834	0.7944	1.1788	-1.4510	0.0000	0.0000	0.0000	-1.4510
434	1	Stage DL-C: DL-	0.3058	0.8291	-1.0421	1.8423	0.0000	0.0000	0.0000	1.8423
435	0	Stage DL-C: DL-	-0.1253	0.6070	0.6070	-0.4330	-0.4330	0.0000	0.0000	0.6070
435	1	Stage DL-C: DL-	-0.1253	-1.8988	-1.8988	0.8817	0.8817	0.0000	0.0000	-1.8988
436	0	Stage DL-C: DL-	-0.0818	0.3213	0.3213	-0.2229	-0.2229	0.0000	0.0000	0.3212
436	1	Stage DL-C: DL-	-0.0818	-0.4035	-0.4035	0.0818	0.0818	0.0000	0.0000	-0.4035
438	0	Stage DL-C: DL-	4.0017	9.7977	8.7059	4.2358	1.2875	0.0000	0.0000	8.7059
438	1	Stage DL-C: DL-	4.0017	10.2089	8.4096	-2.2035	-0.4091	0.0000	0.0000	10.2089
439	0	Stage DL-C: DL-	-3.2015	-3.5834	-4.7448	-2.8187	-1.6584	0.0000	0.0000	-4.7448

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
439	1	Stage DL-C: DL-	-3.2015	-1.7277	-0.5082	-4.6754	-5.8946	0.0000	0.0000	-5.8946
441	0	Stage DL-C: DL-	5.4151	6.1580	4.3632	4.6722	3.4869	0.0000	0.0000	6.4869
441	1	Stage DL-C: DL-	5.4151	13.2008	8.5833	-2.3706	1.2368	0.0000	0.0000	13.2008
442	0	Stage DL-C: DL-	-4.3662	-7.0671	-5.8689	-1.9453	-2.9630	0.0000	0.0000	-7.0671
442	1	Stage DL-C: DL-	-4.3662	-2.8344	-0.5259	-6.0961	-8.2068	0.0000	0.0000	-8.2068
444	0	Stage DL-C: DL-	7.0472	9.4843	4.8808	5.8099	9.2138	0.0000	0.0000	9.2138
444	1	Stage DL-C: DL-	7.0472	14.2525	12.8110	-0.1581	1.2834	0.0000	0.0000	14.2525
445	0	Stage DL-C: DL-	-5.6873	-6.7366	-6.6266	-2.6381	-4.7448	0.0000	0.0000	-8.7366
445	1	Stage DL-C: DL-	-5.6873	-3.5747	-2.5879	-7.8000	-8.8068	0.0000	0.0000	-8.8068
447	0	Stage DL-C: DL-	8.7825	10.1586	8.7208	7.4064	9.6442	0.0000	0.0000	10.1586
447	1	Stage DL-C: DL-	8.7825	10.0939	15.8331	7.4711	1.6319	0.0000	0.0000	15.8331
448	0	Stage DL-C: DL-	-6.8838	-8.0024	-7.8978	-4.7248	-5.7294	0.0000	0.0000	-9.0024
448	1	Stage DL-C: DL-	-6.8838	-3.7537	-0.3844	-9.9735	-7.3429	0.0000	0.0000	-9.9735
449	0	Stage DL-C: DL-	-2.8354	-2.7251	-2.8204	-3.2426	0.0000	0.0000	0.0000	-3.2426
449	1	Stage DL-C: DL-	-2.8576	-2.8126	-3.1004	-2.4674	0.0000	0.0000	0.0000	-3.1004
450	0	Stage DL-C: DL-	-0.8259	-0.3629	-0.7170	-1.4394	0.0000	0.0000	0.0000	-1.4394
450	1	Stage DL-C: DL-	-0.8037	0.0736	-1.3274	-2.9563	0.0000	0.0000	0.0000	-1.3274
451	0	Stage DL-C: DL-	0.5473	1.5575	1.5575	0.1229	0.1229	0.0000	0.0000	1.5575
451	1	Stage DL-C: DL-	0.5473	-1.8512	-1.8512	1.5550	1.5550	0.0000	0.0000	-1.8512
452	0	Stage DL-C: DL-	0.4083	0.5783	0.5783	0.3368	0.3368	0.0000	0.0000	0.5783
452	1	Stage DL-C: DL-	0.4083	0.0767	0.0767	0.5467	0.5467	0.0000	0.0000	0.5467
454	0	Stage DL-C: DL-	8.8498	10.0842	10.7035	7.6156	1.9863	0.0000	0.0000	10.7035
454	1	Stage DL-C: DL-	8.8498	10.5442	8.9083	7.1559	6.7918	0.0000	0.0000	10.5442
455	0	Stage DL-C: DL-	-8.8232	-9.8729	-9.6127	-9.9736	-7.2336	0.0000	0.0000	-9.9736
455	1	Stage DL-C: DL-	-8.8232	-8.8420	-7.8544	-4.9045	-5.9920	0.0000	0.0000	-8.8420
457	0	Stage DL-C: DL-	7.3481	14.3041	12.9696	9.1821	1.8267	0.0000	0.0000	14.3041
457	1	Stage DL-C: DL-	7.3481	9.0136	5.2578	5.4624	9.2367	0.0000	0.0000	9.2367
458	0	Stage DL-C: DL-	-5.8481	-3.9734	-2.6863	-7.7229	-8.8100	0.0000	0.0000	-8.8100
458	1	Stage DL-C: DL-	-5.8481	-6.8121	-6.4738	-2.8842	-3.2225	0.0000	0.0000	-8.8121
460	0	Stage DL-C: DL-	5.7504	13.3656	9.6112	-1.8851	1.8885	0.0000	0.0000	13.3656
460	1	Stage DL-C: DL-	5.7504	6.7088	4.9879	4.7918	6.5131	0.0000	0.0000	6.7088
461	0	Stage DL-C: DL-	-4.6370	-3.2113	-0.8740	-6.0627	-6.4001	0.0000	0.0000	-6.4001
461	1	Stage DL-C: DL-	-4.6370	-7.2958	-5.7935	-1.9783	-3.4905	0.0000	0.0000	-7.2958
463	0	Stage DL-C: DL-	4.4727	10.4211	8.7020	-1.4796	0.2404	0.0000	0.0000	10.4211

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
463	1	Stage DL-C: DL-	4.4727	4.1232	7.7096	4.8223	1.2359	0.0000	0.0000	7.7096
464	0	Stage DL-C: DL-	-3.5717	-2.3677	-0.8798	-4.7957	-6.2957	0.0000	0.0000	-6.2957
464	1	Stage DL-C: DL-	-3.5717	-3.9563	-4.8935	-3.1951	-2.2000	0.0000	0.0000	-4.8935
465	0	Stage DL-C: DL-	-0.8417	0.7548	0.0221	-2.9546	0.0000	0.0000	0.0000	-2.9546
465	1	Stage DL-C: DL-	-0.8639	-1.7473	-1.2090	1.1662	0.0000	0.0000	0.0000	-1.7473
466	0	Stage DL-C: DL-	0.4185	-0.2556	0.1939	1.4026	0.0000	0.0000	0.0000	1.4026
466	1	Stage DL-C: DL-	0.4407	2.3594	0.4061	-1.4289	0.0000	0.0000	0.0000	2.3594
467	0	Stage DL-C: DL-	-0.2242	0.6292	0.6292	-0.5827	-0.5827	0.0000	0.0000	0.6292
467	1	Stage DL-C: DL-	-0.2242	-2.2395	-2.2395	0.6235	0.6235	0.0000	0.0000	-2.2395
468	0	Stage DL-C: DL-	0.0101	0.4249	0.4249	-0.1642	-0.1642	0.0000	0.0000	0.4249
468	1	Stage DL-C: DL-	0.0101	-0.4770	-0.4770	0.2147	0.2147	0.0000	0.0000	-0.4770
470	0	Stage DL-C: DL-	3.0657	5.5285	6.7555	0.8029	-2.8241	0.0000	0.0000	6.7555
470	1	Stage DL-C: DL-	3.0657	4.2867	4.4162	1.8427	1.7151	0.0000	0.0000	4.4162
471	0	Stage DL-C: DL-	-2.5066	-0.7884	-1.7620	-4.2239	-3.2498	0.0000	0.0000	-4.2239
471	1	Stage DL-C: DL-	-2.5066	-3.7176	-3.3865	-1.2957	-1.6268	0.0000	0.0000	-3.7176
473	0	Stage DL-C: DL-	2.0796	5.8809	7.0199	-2.7316	-2.9607	0.0000	0.0000	7.0199
473	1	Stage DL-C: DL-	2.0796	3.5129	2.4999	0.8464	1.6603	0.0000	0.0000	3.5129
474	0	Stage DL-C: DL-	-1.7040	-0.0206	0.3097	-3.3675	-3.7178	0.0000	0.0000	-3.7178
474	1	Stage DL-C: DL-	-1.7040	-3.3402	-2.5555	-0.0679	-0.8525	0.0000	0.0000	-3.3402
476	0	Stage DL-C: DL-	1.1163	6.3790	5.3648	-4.1484	-3.1323	0.0000	0.0000	6.3790
476	1	Stage DL-C: DL-	1.1163	2.5056	1.7358	-0.2730	0.4989	0.0000	0.0000	2.5056
477	0	Stage DL-C: DL-	-0.9155	0.3089	1.0943	-2.1405	-2.9252	0.0000	0.0000	-2.9252
477	1	Stage DL-C: DL-	-0.9155	-2.4085	-1.8949	0.5775	-0.1391	0.0000	0.0000	-2.4085
479	0	Stage DL-C: DL-	0.3235	4.9407	4.1681	-4.2937	-3.5211	0.0000	0.0000	4.9407
479	1	Stage DL-C: DL-	0.3235	2.2059	2.2939	-1.5588	-1.6468	0.0000	0.0000	2.2939
480	0	Stage DL-C: DL-	-0.2530	0.6454	1.3688	-1.1515	-1.8655	0.0000	0.0000	-1.8655
480	1	Stage DL-C: DL-	-0.2530	-0.9536	-0.5362	0.4475	0.0331	0.0000	0.0000	-0.9536
481	0	Stage DL-C: DL-	0.0137	1.0129	0.3351	-1.4394	0.0000	0.0000	0.0000	-1.4394
481	1	Stage DL-C: DL-	-0.0115	-0.7478	-0.2497	1.0536	0.0000	0.0000	0.0000	1.0536
482	0	Stage DL-C: DL-	-0.1433	-0.6636	-0.1962	0.4602	0.0000	0.0000	0.0000	-0.6636
482	1	Stage DL-C: DL-	-0.1211	1.4815	-0.3446	-1.4151	0.0000	0.0000	0.0000	1.4815
483	0	Stage DL-C: DL-	-0.2981	0.2980	0.2980	-0.5415	-0.5415	0.0000	0.0000	-0.5415
483	1	Stage DL-C: DL-	-0.2981	-1.9159	-1.9159	0.3844	0.3844	0.0000	0.0000	-1.9159
484	0	Stage DL-C: DL-	0.0676	0.8094	0.8094	-0.1601	-0.1601	0.0000	0.0000	0.8094

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
484	1	Stage DL-C: DL-	0.0676	-0.5732	-0.5732	0.3368	0.3368	0.0000	0.0000	-0.5732
488	0	Stage DL-C: DL-	-0.5065	3.0807	2.9674	-4.1067	-4.0004	0.0000	0.0000	-4.1067
488	1	Stage DL-C: DL-	-0.5065	1.2930	1.3121	-2.3060	-2.5251	0.0000	0.0000	-2.5251
487	0	Stage DL-C: DL-	0.3742	0.9275	1.3113	-0.1791	-0.5628	0.0000	0.0000	1.3112
487	1	Stage DL-C: DL-	0.3742	-0.1358	-0.1483	0.9042	0.8964	0.0000	0.0000	0.9042
489	0	Stage DL-C: DL-	-1.0400	2.7981	3.0179	-4.8782	-5.0979	0.0000	0.0000	-5.0979
489	1	Stage DL-C: DL-	-1.0400	0.5441	0.9183	-2.6242	-2.8984	0.0000	0.0000	-2.8984
490	0	Stage DL-C: DL-	0.8140	1.8678	1.8750	-0.2398	-0.2470	0.0000	0.0000	1.8750
490	1	Stage DL-C: DL-	0.8140	0.2911	0.1811	1.3068	1.4769	0.0000	0.0000	1.4769
492	0	Stage DL-C: DL-	-1.5068	2.0509	2.4212	-5.0486	-5.4388	0.0000	0.0000	-5.4388
492	1	Stage DL-C: DL-	-1.5068	0.5199	0.4880	-3.5375	-3.5036	0.0000	0.0000	-3.5375
493	0	Stage DL-C: DL-	1.2102	2.1236	1.3646	0.2969	0.4359	0.0000	0.0000	2.1236
493	1	Stage DL-C: DL-	1.2102	0.7320	0.8457	1.6884	1.5747	0.0000	0.0000	1.6884
495	0	Stage DL-C: DL-	-1.7818	1.5717	1.9360	-5.1353	-5.0996	0.0000	0.0000	-5.1353
495	1	Stage DL-C: DL-	-1.7818	1.2620	0.1706	-4.8556	-3.7342	0.0000	0.0000	-4.8556
496	0	Stage DL-C: DL-	1.4958	2.0500	2.1647	0.9419	0.8269	0.0000	0.0000	2.1647
496	1	Stage DL-C: DL-	1.4958	0.9129	1.8304	2.0798	1.1612	0.0000	0.0000	2.0798
497	0	Stage DL-C: DL-	0.5465	1.2100	0.5606	-0.1364	0.0000	0.0000	0.0000	1.2100
497	1	Stage DL-C: DL-	0.5243	0.2953	0.4137	0.9057	0.0000	0.0000	0.0000	0.9057
498	0	Stage DL-C: DL-	-0.6104	-0.6250	-0.6232	-0.5780	0.0000	0.0000	0.0000	-0.6250
498	1	Stage DL-C: DL-	-0.5883	0.0342	-0.7702	-0.9593	0.0000	0.0000	0.0000	-0.9593
499	0	Stage DL-C: DL-	-0.1785	-0.3080	-0.5090	-0.0398	-0.0398	0.0000	0.0000	-0.5090
499	1	Stage DL-C: DL-	-0.1785	-0.4657	-0.4657	-0.0579	-0.0579	0.0000	0.0000	-0.4657
500	0	Stage DL-C: DL-	0.0118	0.4674	0.4674	-0.1798	-0.1798	0.0000	0.0000	0.4674
500	1	Stage DL-C: DL-	0.0118	-0.3242	-0.3242	0.1528	0.1528	0.0000	0.0000	-0.3242
502	0	Stage DL-C: DL-	-2.0448	1.5501	0.3148	-5.8398	-4.4046	0.0000	0.0000	-5.8398
502	1	Stage DL-C: DL-	-2.0448	0.4091	0.7142	-4.4977	-4.8039	0.0000	0.0000	-4.8039
503	0	Stage DL-C: DL-	1.7039	1.8011	2.4901	1.8067	0.9176	0.0000	0.0000	2.4901
503	1	Stage DL-C: DL-	1.7039	1.7839	1.6033	1.6236	1.8045	0.0000	0.0000	1.8045
505	0	Stage DL-C: DL-	-2.1329	0.7475	1.0533	-5.0133	-5.3191	0.0000	0.0000	-5.3191
505	1	Stage DL-C: DL-	-2.1329	0.0884	0.9918	-4.3322	-5.2576	0.0000	0.0000	-5.2576
506	0	Stage DL-C: DL-	1.8019	2.2312	2.0907	1.3725	1.5831	0.0000	0.0000	2.2312
506	1	Stage DL-C: DL-	1.8019	2.1298	1.5894	1.4741	2.0144	0.0000	0.0000	2.1298
508	0	Stage DL-C: DL-	-2.1798	0.2129	1.1372	-4.5723	-5.4966	0.0000	0.0000	-5.4966

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/in²)	Normal Stress @ Point 1 (kgs/in²)	Normal Stress @ Point 2 (kgs/in²)	Normal Stress @ Point 3 (kgs/in²)	Normal Stress @ Point 4 (kgs/in²)	Normal Stress @ Point 5 (kgs/in²)	Normal Stress @ Point 6 (kgs/in²)	Max ABS Total Stress (kgs/in²)
508	1	Stage DL-C: DL-	-2.1798	0.5253	0.8058	-4.8850	-5.1655	0.0000	0.0000	-5.1655
509	0	Stage DL-C: DL-	1.8403	2.3063	1.7668	1.3742	1.9140	0.0000	0.0000	2.3063
509	1	Stage DL-C: DL-	1.8403	2.1154	1.9820	1.5852	1.7285	0.0000	0.0000	2.1154
511	0	Stage DL-C: DL-	-2.1842	0.4017	0.7312	-4.7800	-5.0595	0.0000	0.0000	-5.0595
511	1	Stage DL-C: DL-	-2.1842	1.4797	-0.0891	-5.6060	-4.2393	0.0000	0.0000	-5.6060
512	0	Stage DL-C: DL-	1.8255	2.0001	1.6873	1.3010	1.7637	0.0000	0.0000	2.0001
512	1	Stage DL-C: DL-	1.8255	1.5161	2.4697	2.1358	1.1814	0.0000	0.0000	2.4697
513	0	Stage DL-C: DL-	0.6302	1.0403	0.6172	0.2373	0.0000	0.0000	0.0000	1.0403
513	1	Stage DL-C: DL-	0.6078	0.5685	0.5135	0.7772	0.0000	0.0000	0.0000	0.7772
514	0	Stage DL-C: DL-	-0.7540	-0.6933	-0.7142	-0.8695	0.0000	0.0000	0.0000	-0.8695
514	1	Stage DL-C: DL-	-0.7318	-0.2910	-0.8408	-0.6642	0.0000	0.0000	0.0000	-0.8408
515	0	Stage DL-C: DL-	-0.1073	-0.3894	-0.3894	0.0154	0.0154	0.0000	0.0000	-0.3894
515	1	Stage DL-C: DL-	-0.1073	-0.2593	-0.2593	-0.0434	-0.0434	0.0000	0.0000	-0.2593
516	0	Stage DL-C: DL-	-0.0254	0.3543	0.3543	-0.1848	-0.1848	0.0000	0.0000	0.3543
516	1	Stage DL-C: DL-	-0.0254	-0.2922	-0.2922	0.0967	0.0967	0.0000	0.0000	-0.2922
517	0	Stage DL-C: DL-	-2.1073	1.2841	-0.3878	-5.4987	-5.8170	0.0000	0.0000	-5.4987
517	1	Stage DL-C: DL-	-2.1073	1.1195	1.2933	-5.3341	-5.5080	0.0000	0.0000	-5.5080
519	0	Stage DL-C: DL-	1.5207	0.1729	1.1135	2.8685	1.9279	0.0000	0.0000	2.8685
519	1	Stage DL-C: DL-	1.5207	3.9067	3.7780	-0.8653	-0.7396	0.0000	0.0000	3.9067
521	0	Stage DL-C: DL-	-1.7448	0.3206	0.4941	-3.8101	-3.9836	0.0000	0.0000	-3.9836
521	1	Stage DL-C: DL-	-1.7448	1.1757	2.2138	-4.6852	-5.7033	0.0000	0.0000	-5.7033
522	0	Stage DL-C: DL-	1.8561	4.6053	4.4768	-1.2830	-1.1645	0.0000	0.0000	4.6053
522	1	Stage DL-C: DL-	1.8561	8.7008	8.1591	-5.3883	-4.8468	0.0000	0.0000	8.7008
524	0	Stage DL-C: DL-	-1.2727	-0.0227	1.0149	-2.5228	-3.5803	0.0000	0.0000	-3.5803
524	1	Stage DL-C: DL-	-1.2727	2.8154	3.4839	-5.1808	-6.0393	0.0000	0.0000	-6.0393
525	0	Stage DL-C: DL-	1.0314	5.7996	5.2584	-3.7368	-3.1955	0.0000	0.0000	5.7996
525	1	Stage DL-C: DL-	1.0314	7.4628	7.0620	-5.4200	-4.9991	0.0000	0.0000	7.4628
527	0	Stage DL-C: DL-	-0.4672	0.7054	1.5821	-1.6367	-2.5184	0.0000	0.0000	-2.5184
527	1	Stage DL-C: DL-	-0.4672	2.9602	3.1678	-3.8945	-4.1021	0.0000	0.0000	-4.1021
528	0	Stage DL-C: DL-	0.5885	5.4017	5.0318	-4.2746	-3.8547	0.0000	0.0000	5.4017
528	1	Stage DL-C: DL-	0.5885	5.7967	5.7936	-4.5896	-4.6065	0.0000	0.0000	5.7936
529	0	Stage DL-C: DL-	-0.7284	-0.3503	-0.3206	-1.6693	0.0000	0.0000	0.0000	-1.6693
529	1	Stage DL-C: DL-	-0.7508	-1.5146	-1.9163	1.6227	0.0000	0.0000	0.0000	-1.9163
530	0	Stage DL-C: DL-	-1.0515	-1.3057	-1.8095	0.3670	0.0000	0.0000	0.0000	-1.8095

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/in²)	Normal Stress @ Point 1 (kgs/in²)	Normal Stress @ Point 2 (kgs/in²)	Normal Stress @ Point 3 (kgs/in²)	Normal Stress @ Point 4 (kgs/in²)	Normal Stress @ Point 5 (kgs/in²)	Normal Stress @ Point 6 (kgs/in²)	Max ABS Total Stress (kgs/in²)
530	1	Stage DL-C: DL-	-1.0293	-0.4374	-0.6179	-2.1892	0.0000	0.0000	0.0000	-2.1892
531	0	Stage DL-C: DL-	0.2795	0.1295	0.1295	0.3425	0.3425	0.0000	0.0000	0.3425
531	1	Stage DL-C: DL-	0.2795	-0.0407	-0.0407	0.4140	0.4140	0.0000	0.0000	0.4140
532	0	Stage DL-C: DL-	0.3010	0.5450	0.5450	0.1884	0.1884	0.0000	0.0000	0.5450
532	1	Stage DL-C: DL-	0.3010	0.1510	0.1510	0.3639	0.3639	0.0000	0.0000	0.3639
534	0	Stage DL-C: DL-	-0.4753	-0.6478	-0.6168	-0.1075	0.0000	0.0000	0.0000	-0.6478
534	1	Stage DL-C: DL-	-0.4978	0.6431	-0.0311	-2.2818	0.0000	0.0000	0.0000	-2.2818
535	0	Stage DL-C: DL-	-0.7134	-0.3376	-0.9839	-0.7158	0.0000	0.0000	0.0000	-0.9839
535	1	Stage DL-C: DL-	-0.6812	-0.7592	-0.7867	-0.4686	0.0000	0.0000	0.0000	-0.7867
536	0	Stage DL-C: DL-	0.3123	0.0318	0.0318	0.4300	0.4300	0.0000	0.0000	0.4300
536	1	Stage DL-C: DL-	0.3122	0.2241	0.2241	0.3482	0.3482	0.0000	0.0000	0.3482
537	0	Stage DL-C: DL-	0.1262	0.2461	0.2461	0.0758	0.0758	0.0000	0.0000	0.2461
537	1	Stage DL-C: DL-	0.1262	0.3610	0.3610	0.0278	0.0278	0.0000	0.0000	0.3610
539	0	Stage DL-C: DL-	-0.3484	0.2383	0.1311	-0.9311	-0.8239	0.0000	0.0000	-0.9311
539	1	Stage DL-C: DL-	-0.3484	1.4857	2.0184	-2.1886	-2.7113	0.0000	0.0000	-2.7113
540	0	Stage DL-C: DL-	0.3850	1.2306	1.2028	-0.4637	-0.4329	0.0000	0.0000	1.2306
540	1	Stage DL-C: DL-	0.3850	-0.0093	-0.3713	0.7792	1.1413	0.0000	0.0000	1.1413
542	0	Stage DL-C: DL-	-0.9629	2.8329	3.4566	-4.8569	-5.3826	0.0000	0.0000	-5.3826
542	1	Stage DL-C: DL-	-0.9629	0.8319	1.3182	-2.5578	-3.2449	0.0000	0.0000	-3.2449
543	0	Stage DL-C: DL-	0.8281	2.0335	1.6728	-0.3714	-0.0146	0.0000	0.0000	2.0335
543	1	Stage DL-C: DL-	0.8281	0.4592	0.0062	1.1970	1.6500	0.0000	0.0000	1.6500
545	0	Stage DL-C: DL-	-1.4868	1.9623	2.4503	-4.9355	-5.8235	0.0000	0.0000	-5.8235
545	1	Stage DL-C: DL-	-1.4868	0.6189	0.7595	-3.5921	-3.7327	0.0000	0.0000	-3.7327
546	0	Stage DL-C: DL-	1.2562	2.4372	1.9838	0.0751	0.5286	0.0000	0.0000	2.4372
546	1	Stage DL-C: DL-	1.2562	0.8082	0.6872	1.7041	1.8151	0.0000	0.0000	1.8151
548	0	Stage DL-C: DL-	-1.8773	1.5797	1.7207	-5.3343	-5.4753	0.0000	0.0000	-5.4753
548	1	Stage DL-C: DL-	-1.8773	1.4367	-0.0134	-5.1913	-3.7413	0.0000	0.0000	-5.1913
549	0	Stage DL-C: DL-	1.5795	2.3009	2.1695	0.8583	0.9894	0.0000	0.0000	2.3009
549	1	Stage DL-C: DL-	1.5795	1.0328	1.8557	2.1261	1.3033	0.0000	0.0000	2.1261
550	0	Stage DL-C: DL-	0.8560	1.0084	0.6630	0.2936	0.0000	0.0000	0.0000	1.0084
550	1	Stage DL-C: DL-	0.8339	0.8760	0.4524	0.6420	0.0000	0.0000	0.0000	0.8760
551	0	Stage DL-C: DL-	-0.7258	-0.4800	-0.8728	-0.7689	0.0000	0.0000	0.0000	-0.8728
551	1	Stage DL-C: DL-	-0.7036	-0.4882	-0.7984	-0.7581	0.0000	0.0000	0.0000	-0.7984
552	0	Stage DL-C: DL-	0.1670	-0.3361	-0.3361	0.4064	0.4064	0.0000	0.0000	0.4064

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
552	1	Stage DL-C: DL-	0.1870	0.3082	0.3082	0.1361	0.1361	0.0000	0.0000	0.3082
553	0	Stage DL-C: DL-	-0.3196	0.1206	0.1206	-0.5046	-0.5046	0.0000	0.0000	-0.5046
553	1	Stage DL-C: DL-	-0.3196	-0.2679	-0.2679	-0.3330	-0.3330	0.0000	0.0000	-0.3330
555	0	Stage DL-C: DL-	-2.0993	1.6888	0.1703	-5.8675	-4.3690	0.0000	0.0000	-5.8675
555	1	Stage DL-C: DL-	-2.0993	0.9407	1.0654	-4.8393	-5.2640	0.0000	0.0000	-5.2640
556	0	Stage DL-C: DL-	1.7502	1.5909	2.3978	1.9086	1.1029	0.0000	0.0000	2.3978
556	1	Stage DL-C: DL-	1.7502	2.0438	1.8034	1.4586	1.6971	0.0000	0.0000	2.0438
558	0	Stage DL-C: DL-	-2.0846	0.5423	0.9683	-4.7114	-5.1375	0.0000	0.0000	-5.1375
558	1	Stage DL-C: DL-	-2.0846	0.5462	1.3540	-4.7153	-5.7231	0.0000	0.0000	-5.7231
559	0	Stage DL-C: DL-	1.7296	1.9474	1.7082	1.5117	1.7530	0.0000	0.0000	1.9474
559	1	Stage DL-C: DL-	1.7296	2.3396	1.7708	1.1185	1.6686	0.0000	0.0000	2.3396
561	0	Stage DL-C: DL-	-1.9610	0.1970	1.2056	-4.1188	-5.1276	0.0000	0.0000	-5.1276
561	1	Stage DL-C: DL-	-1.9610	1.1413	1.5823	-5.0633	-5.5043	0.0000	0.0000	-5.5043
562	0	Stage DL-C: DL-	1.6182	1.8259	1.2584	1.4104	1.9798	0.0000	0.0000	1.9798
562	1	Stage DL-C: DL-	1.6182	2.2415	2.0335	0.9946	1.2029	0.0000	0.0000	2.2415
564	0	Stage DL-C: DL-	-1.7978	0.6375	1.0788	-4.1731	-4.8144	0.0000	0.0000	-4.8144
564	1	Stage DL-C: DL-	-1.7978	2.0891	0.8178	-5.8047	-4.3535	0.0000	0.0000	-5.8047
565	0	Stage DL-C: DL-	1.4310	1.3852	1.1771	1.4788	1.8849	0.0000	0.0000	1.8849
565	1	Stage DL-C: DL-	1.4310	1.5214	2.3023	1.3406	0.5587	0.0000	0.0000	2.3023
566	0	Stage DL-C: DL-	0.3250	0.4021	0.1210	0.5295	0.0000	0.0000	0.0000	0.5295
566	1	Stage DL-C: DL-	0.3028	0.6334	0.2455	0.0814	0.0000	0.0000	0.0000	0.6334
567	0	Stage DL-C: DL-	-0.3661	0.0234	-0.3206	-0.8184	0.0000	0.0000	0.0000	-0.8184
567	1	Stage DL-C: DL-	-0.3439	-0.2904	-0.4947	-0.1894	0.0000	0.0000	0.0000	-0.4947
568	0	Stage DL-C: DL-	-0.0121	-0.3600	-0.3600	0.1341	0.1341	0.0000	0.0000	-0.3600
568	1	Stage DL-C: DL-	-0.0121	0.0809	0.0809	-0.0911	-0.0911	0.0000	0.0000	0.0809
569	0	Stage DL-C: DL-	-0.1418	0.0968	0.0968	-0.2416	-0.2416	0.0000	0.0000	-0.2416
569	1	Stage DL-C: DL-	-0.1418	-0.0106	-0.0106	-0.1966	-0.1966	0.0000	0.0000	-0.1966
571	0	Stage DL-C: DL-	-1.3945	1.7717	0.5159	-4.5607	-3.3046	0.0000	0.0000	-4.5607
571	1	Stage DL-C: DL-	-1.3945	2.3369	2.2100	-5.1279	-4.8888	0.0000	0.0000	-5.1279
572	0	Stage DL-C: DL-	1.1170	0.9022	1.2551	1.7318	0.8789	0.0000	0.0000	1.7318
572	1	Stage DL-C: DL-	1.1170	1.8267	2.0292	0.4073	0.2047	0.0000	0.0000	2.0292
574	0	Stage DL-C: DL-	-0.8757	0.9661	0.8868	-2.9464	-2.8182	0.0000	0.0000	-2.9464
574	1	Stage DL-C: DL-	-0.8757	3.0124	3.3028	-4.9637	-5.2541	0.0000	0.0000	-5.2541
575	0	Stage DL-C: DL-	0.7166	-0.0181	0.1640	1.4516	1.2486	0.0000	0.0000	1.4516

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
575	1	Stage DL-C: DL-	0.7166	1.7960	1.6289	-0.3654	-0.3934	0.0000	0.0000	1.8289
577	0	Stage DL-C: DL-	-0.3341	1.1826	1.4736	-1.8509	-2.1419	0.0000	0.0000	-2.1419
577	1	Stage DL-C: DL-	-0.3341	3.8284	4.1848	-4.5966	-4.8531	0.0000	0.0000	-4.8531
579	0	Stage DL-C: DL-	0.1913	-0.6312	-0.6035	1.0137	0.8860	0.0000	0.0000	1.0137
579	1	Stage DL-C: DL-	0.1913	1.5030	1.5368	-1.1205	-1.1544	0.0000	0.0000	1.5368
580	0	Stage DL-C: DL-	0.3464	2.0252	2.2818	-1.3324	-1.5891	0.0000	0.0000	2.2818
580	1	Stage DL-C: DL-	0.3464	4.1260	4.3436	-3.4332	-3.6510	0.0000	0.0000	4.3436
581	0	Stage DL-C: DL-	-0.3750	-1.1033	-1.0694	0.3533	0.3194	0.0000	0.0000	-1.1033
581	1	Stage DL-C: DL-	-0.3750	0.5672	0.5602	-1.3173	-1.3102	0.0000	0.0000	-1.3173
582	0	Stage DL-C: DL-	-0.1804	-0.4015	-0.6918	0.8143	0.0000	0.0000	0.0000	0.8143
582	1	Stage DL-C: DL-	-0.1626	0.2607	-0.0263	-0.8415	0.0000	0.0000	0.0000	-0.8415
583	0	Stage DL-C: DL-	0.0836	0.5363	0.3125	-0.6503	0.0000	0.0000	0.0000	-0.6503
583	1	Stage DL-C: DL-	0.1161	0.1048	-0.2401	0.8182	0.0000	0.0000	0.0000	0.8182
584	0	Stage DL-C: DL-	-0.2214	-0.2809	-0.2809	-0.1984	-0.1984	0.0000	0.0000	-0.2809
584	1	Stage DL-C: DL-	-0.2214	-0.4507	-0.4507	-0.1251	-0.1251	0.0000	0.0000	-0.4507
585	0	Stage DL-C: DL-	0.0898	0.1421	0.1421	0.0660	0.0660	0.0000	0.0000	0.1421
585	1	Stage DL-C: DL-	0.0699	0.3032	0.3032	0.0003	0.0003	0.0000	0.0000	0.3032
587	0	Stage DL-C: DL-	1.3103	3.1318	3.3615	-0.5110	-0.7710	0.0000	0.0000	3.3615
587	1	Stage DL-C: DL-	1.3103	6.2982	5.3635	-3.6778	-2.7729	0.0000	0.0000	6.2982
588	0	Stage DL-C: DL-	-1.1041	-1.8914	-1.6748	-0.5408	-0.5339	0.0000	0.0000	-1.8748
588	1	Stage DL-C: DL-	-1.1041	-0.1192	0.6663	-2.0891	-2.9066	0.0000	0.0000	-2.9066
590	0	Stage DL-C: DL-	2.1798	3.6156	2.7099	0.7442	1.6499	0.0000	0.0000	3.6156
590	1	Stage DL-C: DL-	2.1798	7.8608	6.7002	-3.5011	-2.3404	0.0000	0.0000	7.8608
591	0	Stage DL-C: DL-	-1.8310	-3.4703	-2.6521	-1.1918	-1.0100	0.0000	0.0000	-3.4703
591	1	Stage DL-C: DL-	-1.8310	-0.5877	0.4692	-3.0743	-4.1313	0.0000	0.0000	-4.1313
593	0	Stage DL-C: DL-	3.2261	4.6843	3.5238	1.7680	2.8095	0.0000	0.0000	4.6843
593	1	Stage DL-C: DL-	3.2261	8.4287	8.0195	-1.9764	-2.0672	0.0000	0.0000	8.5195
594	0	Stage DL-C: DL-	-2.6881	-4.5564	-3.4695	-0.8198	-1.8797	0.0000	0.0000	-4.5564
594	1	Stage DL-C: DL-	-2.6881	-0.8656	-0.4878	-4.5106	-4.8887	0.0000	0.0000	-4.8887
596	0	Stage DL-C: DL-	4.2640	5.5256	5.0196	3.0428	3.9513	0.0000	0.0000	5.5196
596	1	Stage DL-C: DL-	4.2640	8.7747	10.4615	1.7934	-1.8934	0.0000	0.0000	10.4615
597	0	Stage DL-C: DL-	-3.5861	-4.9123	-4.5345	-2.2199	-2.5977	0.0000	0.0000	-4.9123
597	1	Stage DL-C: DL-	-3.5861	-1.3088	-2.0430	-5.7753	-4.1692	0.0000	0.0000	-5.7753
599	0	Stage DL-C: DL-	-0.9461	-1.4552	-1.7358	0.6631	0.0000	0.0000	0.0000	-1.7358

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/in²)	Normal Stress @ Point 1 (kgs/in²)	Normal Stress @ Point 2 (kgs/in²)	Normal Stress @ Point 3 (kgs/in²)	Normal Stress @ Point 4 (kgs/in²)	Normal Stress @ Point 5 (kgs/in²)	Normal Stress @ Point 6 (kgs/in²)	Max ABS Total Stress (kgs/in²)
598	1	Stage DL-C: DL-	-0.0683	-0.3486	-0.6168	-3.0721	0.0000	0.0000	0.0000	-3.0721
599	0	Stage DL-C: DL-	0.8121	1.3790	1.1237	-0.1839	0.0000	0.0000	0.0000	1.3790
599	1	Stage DL-C: DL-	0.8343	0.7548	0.4516	1.4421	0.0000	0.0000	0.0000	1.4421
600	0	Stage DL-C: DL-	-0.2642	-0.5328	-0.5328	-0.3613	0.0000	0.0000	0.0000	-0.3613
600	1	Stage DL-C: DL-	-0.2642	-0.7716	-0.7716	-0.0510	0.0000	0.0000	0.0000	-0.7716
601	0	Stage DL-C: DL-	0.1886	-0.0257	-0.0257	0.2798	0.0000	0.0000	0.0000	0.2798
601	1	Stage DL-C: DL-	0.1886	0.8418	0.8418	-0.0018	0.0000	0.0000	0.0000	0.8418
603	0	Stage DL-C: DL-	5.7080	5.4382	9.2705	5.9727	2.1414	0.0000	0.0000	9.2705
603	1	Stage DL-C: DL-	5.7080	11.8141	8.8794	-0.4021	1.5328	0.0000	0.0000	11.8141
604	0	Stage DL-C: DL-	-4.8260	-4.6837	-6.2731	-4.5662	-2.9786	0.0000	0.0000	-6.2731
604	1	Stage DL-C: DL-	-4.8260	-3.4853	-1.8078	-5.7666	-7.3442	0.0000	0.0000	-7.3442
606	0	Stage DL-C: DL-	8.8282	8.3031	8.3645	5.9554	7.4642	0.0000	0.0000	8.3031
606	1	Stage DL-C: DL-	8.8282	14.6840	10.7177	-0.8255	3.1409	0.0000	0.0000	14.6840
607	0	Stage DL-C: DL-	-5.6488	-6.2024	-6.6224	-3.0972	-4.6772	0.0000	0.0000	-6.2024
607	1	Stage DL-C: DL-	-5.6488	-4.4544	-1.7884	-6.8452	-9.5101	0.0000	0.0000	-9.5101
608	0	Stage DL-C: DL-	8.3597	10.4920	8.5239	6.2274	10.1908	0.0000	0.0000	10.4920
609	1	Stage DL-C: DL-	8.3597	15.4853	13.8283	1.2340	2.8911	0.0000	0.0000	15.4853
610	0	Stage DL-C: DL-	-6.8111	-6.8280	-7.1600	-3.7962	-6.4622	0.0000	0.0000	-6.8280
610	1	Stage DL-C: DL-	-6.8111	-5.0056	-3.8247	-8.5867	-9.7975	0.0000	0.0000	-9.7975
612	0	Stage DL-C: DL-	9.9129	11.8291	10.1694	7.9696	9.6563	0.0000	0.0000	11.8291
612	1	Stage DL-C: DL-	9.9129	11.0001	17.1914	8.8256	2.6443	0.0000	0.0000	17.1914
613	0	Stage DL-C: DL-	-7.8341	-9.7855	-8.5552	-5.8828	-7.1130	0.0000	0.0000	-9.7855
613	1	Stage DL-C: DL-	-7.8341	-4.6370	-7.8605	-11.0311	-7.8078	0.0000	0.0000	-11.0311
614	0	Stage DL-C: DL-	-2.8353	-3.1585	-2.8015	-2.5806	0.0000	0.0000	0.0000	-3.1585
614	1	Stage DL-C: DL-	-2.8575	-2.5297	-3.0624	-3.4023	0.0000	0.0000	0.0000	-3.4023
615	0	Stage DL-C: DL-	-0.2883	0.3582	-0.8234	-0.1188	0.0000	0.0000	0.0000	-0.8234
615	1	Stage DL-C: DL-	-0.2431	-0.4443	0.0683	-0.4718	0.0000	0.0000	0.0000	-0.4718
616	0	Stage DL-C: DL-	0.4390	0.6511	0.6511	0.3488	0.3488	0.0000	0.0000	0.6511
616	1	Stage DL-C: DL-	0.4390	-0.1930	-0.1930	0.7044	0.7044	0.0000	0.0000	0.7044
617	0	Stage DL-C: DL-	0.4572	0.2008	0.2008	0.5650	0.5650	0.0000	0.0000	0.5650
617	1	Stage DL-C: DL-	0.4572	1.0441	1.0441	0.2107	0.2107	0.0000	0.0000	1.0441
619	0	Stage DL-C: DL-	9.7230	11.0328	17.3698	8.4132	2.0762	0.0000	0.0000	17.3698
619	1	Stage DL-C: DL-	9.7230	11.0331	8.6565	8.4130	8.7998	0.0000	0.0000	11.0331
620	0	Stage DL-C: DL-	-7.7061	-4.1963	-7.2123	-11.2158	-8.0998	0.0000	0.0000	-11.2158

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/in²)	Normal Stress @ Point 1 (kgs/in²)	Normal Stress @ Point 2 (kgs/in²)	Normal Stress @ Point 3 (kgs/in²)	Normal Stress @ Point 4 (kgs/in²)	Normal Stress @ Point 5 (kgs/in²)	Normal Stress @ Point 6 (kgs/in²)	Max ABS Total Stress (kgs/in²)
620	1	Stage DL-C: DL-	-7.7061	-10.0155	-8.9339	-5.3966	-6.4782	0.0000	0.0000	-10.0155
622	0	Stage DL-C: DL-	7.6635	15.4873	14.1059	0.2798	1.9812	0.0000	0.0000	15.4873
622	1	Stage DL-C: DL-	7.6635	9.2317	5.5635	9.3054	10.2036	0.0000	0.0000	10.2036
623	0	Stage DL-C: DL-	-6.4307	-4.1295	-3.0450	-8.7319	-9.8184	0.0000	0.0000	-9.8184
623	1	Stage DL-C: DL-	-6.4307	-9.7729	-7.4089	-3.0885	-5.4529	0.0000	0.0000	-9.7729
625	0	Stage DL-C: DL-	8.1363	14.3651	10.8836	-2.0924	1.5790	0.0000	0.0000	14.3651
625	1	Stage DL-C: DL-	8.1363	6.8741	4.9125	5.3666	7.3602	0.0000	0.0000	7.3602
626	0	Stage DL-C: DL-	-5.0101	-3.2083	-0.6424	-6.8120	-9.1779	0.0000	0.0000	-9.1779
626	1	Stage DL-C: DL-	-5.0101	-7.9375	-6.5068	-2.0829	-3.4135	0.0000	0.0000	-7.9375
628	0	Stage DL-C: DL-	4.8264	11.2183	9.2558	-1.9855	-0.0030	0.0000	0.0000	11.2183
628	1	Stage DL-C: DL-	4.8264	4.5056	7.3443	4.7468	1.9085	0.0000	0.0000	7.3443
629	0	Stage DL-C: DL-	-3.7383	-2.0834	-0.7524	-5.3932	-6.7242	0.0000	0.0000	-6.7242
629	1	Stage DL-C: DL-	-3.7383	-4.2028	-5.6764	-3.2738	-1.8002	0.0000	0.0000	-5.6764
630	0	Stage DL-C: DL-	-0.7420	0.0884	-0.2048	-2.2939	0.0000	0.0000	0.0000	-2.2939
630	1	Stage DL-C: DL-	-0.7642	-0.8183	-1.1128	-0.2390	0.0000	0.0000	0.0000	-1.1128
631	0	Stage DL-C: DL-	0.8253	0.0822	-0.1962	2.3251	0.0000	0.0000	0.0000	2.3251
631	1	Stage DL-C: DL-	0.8475	1.4446	1.1246	-0.8083	0.0000	0.0000	0.0000	1.4446
632	0	Stage DL-C: DL-	-0.1104	0.0477	0.0477	-0.1768	-0.1768	0.0000	0.0000	-0.1768
632	1	Stage DL-C: DL-	-0.1104	-0.5593	-0.5593	0.0762	0.0762	0.0000	0.0000	-0.5593
633	0	Stage DL-C: DL-	0.0371	-0.1018	-0.1018	0.0854	0.0854	0.0000	0.0000	-0.1018
633	1	Stage DL-C: DL-	0.0371	0.4417	0.4417	-0.1329	-0.1329	0.0000	0.0000	0.4417
635	0	Stage DL-C: DL-	2.8282	5.8880	8.8542	-0.3417	-3.2979	0.0000	0.0000	8.8542
635	1	Stage DL-C: DL-	2.8282	3.2879	3.9273	2.3664	1.7290	0.0000	0.0000	3.9273
636	0	Stage DL-C: DL-	-2.4072	-0.0245	-1.3294	-4.7899	-3.4650	0.0000	0.0000	-4.7899
636	1	Stage DL-C: DL-	-2.4072	-3.9142	-4.1267	-0.9003	-0.6678	0.0000	0.0000	-4.1267
638	0	Stage DL-C: DL-	1.4765	5.9621	7.5980	-4.0062	-4.8451	0.0000	0.0000	7.5980
638	1	Stage DL-C: DL-	1.4765	1.8673	1.7150	1.0656	1.2379	0.0000	0.0000	1.8673
639	0	Stage DL-C: DL-	-1.2667	1.3335	1.1229	-3.8669	-3.6043	0.0000	0.0000	-3.8669
639	1	Stage DL-C: DL-	-1.2667	-3.2058	-3.0912	0.6723	0.8579	0.0000	0.0000	-3.2058
641	0	Stage DL-C: DL-	0.1016	5.8270	5.4004	-5.4237	-5.2471	0.0000	0.0000	5.8270
641	1	Stage DL-C: DL-	0.1016	1.0411	0.5400	-0.8378	-0.3367	0.0000	0.0000	1.0411
642	0	Stage DL-C: DL-	-0.1378	2.0088	2.1256	-2.2643	-2.4011	0.0000	0.0000	-2.4011
642	1	Stage DL-C: DL-	-0.1378	-1.9282	-1.7902	1.8628	1.5047	0.0000	0.0000	-1.9282
644	0	Stage DL-C: DL-	-0.9567	3.8366	3.3319	-3.7541	-3.2480	0.0000	0.0000	-3.7541

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
844	1	Stage DL-C: DL-	-0.9587	1.6184	0.4181	-3.5359	-2.3056	0.0000	0.0000	-3.5359
845	0	Stage DL-C: DL-	0.8209	2.4809	2.8309	-0.8391	-0.9891	0.0000	0.0000	2.8309
845	1	Stage DL-C: DL-	0.8209	-0.2984	0.0277	1.9412	1.8140	0.0000	0.0000	1.9412
846	0	Stage DL-C: DL-	0.2323	0.5967	0.3174	-0.2465	0.0000	0.0000	0.0000	0.5967
846	1	Stage DL-C: DL-	0.2101	0.4234	0.0433	0.2270	0.0000	0.0000	0.0000	0.4234
847	0	Stage DL-C: DL-	-0.2980	-0.6352	-0.9508	0.9367	0.0000	0.0000	0.0000	-0.9508
847	1	Stage DL-C: DL-	-0.2768	0.2600	0.0360	-1.2455	0.0000	0.0000	0.0000	-1.2455
848	0	Stage DL-C: DL-	0.0392	-0.2698	-0.2698	0.1690	0.1690	0.0000	0.0000	-0.2698
848	1	Stage DL-C: DL-	0.0392	0.0954	0.0954	0.0138	0.0138	0.0000	0.0000	0.0954
849	0	Stage DL-C: DL-	-0.2346	-0.0491	-0.0491	-0.3125	-0.3125	0.0000	0.0000	-0.3125
849	1	Stage DL-C: DL-	-0.2346	-0.0888	-0.0888	-0.3051	-0.3051	0.0000	0.0000	-0.3051
851	0	Stage DL-C: DL-	-2.1386	2.1765	1.1777	-6.4038	-6.4050	0.0000	0.0000	-6.4038
851	1	Stage DL-C: DL-	-2.1386	-0.8977	-0.0128	-3.3796	-4.2645	0.0000	0.0000	-4.2645
852	0	Stage DL-C: DL-	1.7714	2.7790	3.2603	0.7633	0.2825	0.0000	0.0000	3.2603
852	1	Stage DL-C: DL-	1.7714	1.0537	0.1794	2.4681	3.3864	0.0000	0.0000	3.3864
854	0	Stage DL-C: DL-	-3.0006	1.1189	2.0014	-7.1201	-8.0026	0.0000	0.0000	-8.0026
854	1	Stage DL-C: DL-	-3.0006	-2.3456	-0.8457	-5.6555	-5.1555	0.0000	0.0000	-5.1555
855	0	Stage DL-C: DL-	2.5678	4.7061	3.8300	0.4294	1.3058	0.0000	0.0000	4.7061
855	1	Stage DL-C: DL-	2.5678	1.9706	0.6313	3.1650	4.5043	0.0000	0.0000	4.5043
857	0	Stage DL-C: DL-	-3.8611	-0.2642	1.2325	-7.4580	-8.9547	0.0000	0.0000	-8.9547
857	1	Stage DL-C: DL-	-3.8611	-2.4452	-2.1487	-5.2770	-5.5725	0.0000	0.0000	-5.5725
858	0	Stage DL-C: DL-	3.3220	5.4483	4.1108	1.1956	2.5332	0.0000	0.0000	5.4483
858	1	Stage DL-C: DL-	3.3220	2.4795	1.8668	4.1644	4.7451	0.0000	0.0000	4.7451
860	0	Stage DL-C: DL-	-4.5528	-0.8303	-0.5366	-6.2754	-6.5671	0.0000	0.0000	-6.5671
860	1	Stage DL-C: DL-	-4.5528	-0.4058	-4.0241	-5.6999	-5.0816	0.0000	0.0000	-5.6999
861	0	Stage DL-C: DL-	3.9565	5.3971	4.8187	2.3159	3.0943	0.0000	0.0000	5.3971
861	1	Stage DL-C: DL-	3.9565	2.4715	4.1663	5.4415	3.7467	0.0000	0.0000	5.4415
862	0	Stage DL-C: DL-	0.9485	1.2733	1.0006	0.5516	0.0000	0.0000	0.0000	1.2733
862	1	Stage DL-C: DL-	0.9263	1.2257	0.7505	0.9694	0.0000	0.0000	0.0000	1.2257
863	0	Stage DL-C: DL-	-0.9917	-1.1398	-1.4284	-0.2435	0.0000	0.0000	0.0000	-1.4284
863	1	Stage DL-C: DL-	-0.9695	-0.5138	-0.9083	-1.5124	0.0000	0.0000	0.0000	-1.5124
864	0	Stage DL-C: DL-	0.3128	-0.2178	-0.2178	0.5357	0.5357	0.0000	0.0000	0.5357
864	1	Stage DL-C: DL-	0.3128	0.4681	0.4681	0.2476	0.2476	0.0000	0.0000	0.4681
865	0	Stage DL-C: DL-	-0.0178	-0.0507	-0.0507	-0.7137	-0.7137	0.0000	0.0000	-0.7137

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
865	1	Stage DL-C: DL-	-0.5178	-0.5315	-0.5315	-0.5118	-0.5118	0.0000	0.0000	-0.5315
867	0	Stage DL-C: DL-	-5.3115	-0.1947	-3.7200	-10.4283	-9.9030	0.0000	0.0000	-10.4283
867	1	Stage DL-C: DL-	-5.3115	-3.8002	-2.3604	-8.0228	-8.2625	0.0000	0.0000	-8.2625
868	0	Stage DL-C: DL-	4.5362	4.3871	5.1998	4.8753	2.8728	0.0000	0.0000	5.1998
868	1	Stage DL-C: DL-	4.5362	4.8128	3.1833	4.4565	5.8791	0.0000	0.0000	5.8791
870	0	Stage DL-C: DL-	-5.7725	-2.7446	-1.3083	-8.8004	-10.2396	0.0000	0.0000	-10.2396
870	1	Stage DL-C: DL-	-5.7725	-5.2623	-2.0129	-8.2826	-9.5320	0.0000	0.0000	-9.5320
871	0	Stage DL-C: DL-	4.9701	6.5977	5.1781	3.3425	4.7821	0.0000	0.0000	6.5977
871	1	Stage DL-C: DL-	4.9701	5.8849	3.0225	4.2454	6.8177	0.0000	0.0000	6.8177
873	0	Stage DL-C: DL-	-6.1867	-4.2781	-1.0102	-8.0994	-11.3673	0.0000	0.0000	-11.3673
873	1	Stage DL-C: DL-	-6.1867	-4.8349	-2.9357	-7.5428	-9.4418	0.0000	0.0000	-9.4418
874	0	Stage DL-C: DL-	5.3353	7.3779	4.7084	3.2826	5.9642	0.0000	0.0000	7.3779
874	1	Stage DL-C: DL-	5.3353	5.7939	3.9856	4.8897	6.8850	0.0000	0.0000	6.8850
876	0	Stage DL-C: DL-	-6.4717	-4.1718	-2.2754	-8.7716	-10.6680	0.0000	0.0000	-10.6680
876	1	Stage DL-C: DL-	-6.4717	-2.1391	-5.3640	-10.8043	-7.5594	0.0000	0.0000	-10.8043
877	0	Stage DL-C: DL-	5.8056	7.0262	5.2347	4.1831	5.9768	0.0000	0.0000	7.0262
877	1	Stage DL-C: DL-	5.8056	4.8921	6.0428	6.5191	5.1888	0.0000	0.0000	6.5191
878	0	Stage DL-C: DL-	1.2897	1.1835	0.8898	1.2897	0.0000	0.0000	0.0000	1.2897
878	1	Stage DL-C: DL-	1.0668	1.3818	0.8820	1.0071	0.0000	0.0000	0.0000	1.3818
879	0	Stage DL-C: DL-	-1.1028	-0.9883	-1.2534	-1.0288	0.0000	0.0000	0.0000	-1.2534
879	1	Stage DL-C: DL-	-1.0807	-0.8554	-1.0863	-1.4983	0.0000	0.0000	0.0000	-1.4983
880	0	Stage DL-C: DL-	0.4120	-0.1607	-0.1607	0.6526	0.6526	0.0000	0.0000	0.6526
880	1	Stage DL-C: DL-	0.4120	0.5773	0.5773	0.3426	0.3439	0.0000	0.0000	0.5773
881	0	Stage DL-C: DL-	-0.5926	-0.0733	-0.0733	-0.8107	-0.8107	0.0000	0.0000	-0.8107
881	1	Stage DL-C: DL-	-0.5926	-0.8311	-0.8311	-0.5764	-0.5764	0.0000	0.0000	-0.8311
883	0	Stage DL-C: DL-	-6.7063	-2.3746	-5.3062	-11.1377	-8.1043	0.0000	0.0000	-11.1377
883	1	Stage DL-C: DL-	-6.7063	-4.2369	-3.4655	-9.1217	-9.9471	0.0000	0.0000	-9.9471
884	0	Stage DL-C: DL-	5.7584	5.3605	6.7345	6.1664	4.7823	0.0000	0.0000	6.7345
884	1	Stage DL-C: DL-	5.7584	6.2313	5.2002	5.2656	6.3166	0.0000	0.0000	6.3166
886	0	Stage DL-C: DL-	-6.7361	-4.2350	-5.4067	-9.2372	-10.0635	0.0000	0.0000	-10.0635
886	1	Stage DL-C: DL-	-6.7361	-4.2159	-3.4041	-9.2563	-10.0662	0.0000	0.0000	-10.0662
887	0	Stage DL-C: DL-	5.8068	6.4494	5.4177	5.1642	6.1959	0.0000	0.0000	6.4494
887	1	Stage DL-C: DL-	5.8068	6.4650	5.4166	5.1585	6.1967	0.0000	0.0000	6.4650
889	0	Stage DL-C: DL-	-6.6839	-4.3363	-5.5243	-9.2318	-9.9426	0.0000	0.0000	-9.9426

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
689	1	Stage DL-C: DL-	-6.6835	-2.0917	-5.1684	-11.2753	-8.1985	0.0000	0.0000	-11.2753
690	0	Stage DL-C: DL-	5.7742	8.3081	5.2716	5.2394	6.2788	0.0000	0.0000	8.3081
690	1	Stage DL-C: DL-	5.7742	5.2540	6.8157	6.2944	4.9298	0.0000	0.0000	6.8157
691	0	Stage DL-C: DL-	1.0692	1.3607	1.1070	0.7732	0.9000	0.0000	0.0000	1.3607
691	1	Stage DL-C: DL-	1.0670	1.3906	0.8907	0.9688	0.0000	0.0000	0.0000	1.3906
692	0	Stage DL-C: DL-	-1.1030	-0.8172	-1.1014	-1.3909	0.0000	0.0000	0.0000	-1.3909
692	1	Stage DL-C: DL-	-1.0908	-0.9658	-1.4187	-0.7121	0.0000	0.0000	0.0000	-1.4187
693	0	Stage DL-C: DL-	0.4127	-0.1600	-0.1600	0.6533	0.6533	0.0000	0.0000	0.6533
693	1	Stage DL-C: DL-	0.4127	0.5778	0.5778	0.3434	0.3434	0.0000	0.0000	0.5778
694	0	Stage DL-C: DL-	-0.5922	-0.0727	-0.0727	-0.8104	-0.8104	0.0000	0.0000	-0.8104
694	1	Stage DL-C: DL-	-0.5922	-0.6308	-0.6308	-0.5759	-0.5759	0.0000	0.0000	-0.6308
695	0	Stage DL-C: DL-	-6.4931	-2.3188	-5.5258	-10.6673	-7.4603	0.0000	0.0000	-10.6673
695	1	Stage DL-C: DL-	-6.4931	-4.1260	-2.2127	-6.8601	-10.7734	0.0000	0.0000	-10.7734
697	0	Stage DL-C: DL-	5.5909	4.7910	6.1588	6.3909	5.0231	0.0000	0.0000	6.3909
697	1	Stage DL-C: DL-	5.5909	6.9505	5.1648	4.2313	6.0171	0.0000	0.0000	6.9505
698	0	Stage DL-C: DL-	-8.1660	-4.8503	-2.8342	-7.5257	-9.4418	0.0000	0.0000	-9.4418
699	1	Stage DL-C: DL-	-8.1660	-4.2733	-1.0078	-8.1027	-11.3682	0.0000	0.0000	-11.3682
700	0	Stage DL-C: DL-	5.3366	5.7763	3.9888	4.8968	6.6843	0.0000	0.0000	6.6843
700	1	Stage DL-C: DL-	5.3366	7.3607	4.7062	3.3924	5.9650	0.0000	0.0000	7.3607
702	0	Stage DL-C: DL-	-5.7706	-5.2821	-3.0151	-6.2580	-8.5280	0.0000	0.0000	-8.5280
702	1	Stage DL-C: DL-	-5.7706	-2.7248	-1.3087	-8.8184	-10.2355	0.0000	0.0000	-10.2355
703	0	Stage DL-C: DL-	4.9709	5.8662	3.0218	4.2488	6.9200	0.0000	0.0000	6.9200
703	1	Stage DL-C: DL-	4.8709	6.6049	5.1762	3.3369	4.7656	0.0000	0.0000	6.6049
705	0	Stage DL-C: DL-	-5.2875	-3.8419	-2.4223	-6.7331	-8.1528	0.0000	0.0000	-8.1528
705	1	Stage DL-C: DL-	-5.2875	-0.0129	-3.5747	-10.5621	-7.0003	0.0000	0.0000	-10.5621
706	0	Stage DL-C: DL-	4.6530	4.8933	3.2645	4.4127	5.8414	0.0000	0.0000	5.8414
706	1	Stage DL-C: DL-	4.5530	4.3002	5.0960	4.8059	3.0199	0.0000	0.0000	5.0960
707	0	Stage DL-C: DL-	0.9484	0.9885	0.7160	1.2282	0.0000	0.0000	0.0000	1.2282
707	1	Stage DL-C: DL-	0.9262	1.2307	0.7659	0.9577	0.0000	0.0000	0.0000	1.2307
708	0	Stage DL-C: DL-	-0.9919	-0.4207	-0.7074	-1.9558	0.0000	0.0000	0.0000	-1.9558
708	1	Stage DL-C: DL-	-0.9697	-0.8586	-1.3511	-0.4544	0.0000	0.0000	0.0000	-1.3511
709	0	Stage DL-C: DL-	0.3131	-0.2174	-0.2174	0.5359	0.5359	0.0000	0.0000	0.5359
709	1	Stage DL-C: DL-	0.3131	0.4681	0.4681	0.2479	0.2479	0.0000	0.0000	0.4681
710	0	Stage DL-C: DL-	-0.5178	-0.0507	-0.0507	-0.7141	-0.7141	0.0000	0.0000	-0.7141

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
710	1	Stage DL-C: DL-	-0.5178	-0.5318	-0.5318	-0.5120	-0.5120	0.0000	0.0000	-0.5318
712	0	Stage DL-C: DL-	-4.5732	-0.5879	-4.1819	-8.5585	-4.8644	0.0000	0.0000	-8.5585
712	1	Stage DL-C: DL-	-4.5732	-0.7846	-0.4733	-8.3617	-8.6730	0.0000	0.0000	-8.6730
713	0	Stage DL-C: DL-	3.9427	2.5868	4.2845	5.3157	3.6010	0.0000	0.0000	5.3157
713	1	Stage DL-C: DL-	3.9427	5.3188	4.7504	2.5656	3.1351	0.0000	0.0000	5.3188
715	0	Stage DL-C: DL-	-3.8594	-2.4611	-2.1462	-5.2577	-5.5727	0.0000	0.0000	-5.5727
715	1	Stage DL-C: DL-	-3.8594	-0.2585	1.2362	-7.4803	-6.9550	0.0000	0.0000	-6.9550
716	0	Stage DL-C: DL-	3.3242	2.4754	1.9039	4.1730	4.7446	0.0000	0.0000	4.7446
716	1	Stage DL-C: DL-	3.3242	5.4519	4.1135	1.1965	2.5348	0.0000	0.0000	5.4519
718	0	Stage DL-C: DL-	-2.9879	-2.3450	-0.6470	-3.6508	-5.1468	0.0000	0.0000	-5.1468
718	1	Stage DL-C: DL-	-2.9879	1.1397	2.0019	-7.1355	-7.9977	0.0000	0.0000	-7.9977
719	0	Stage DL-C: DL-	2.3696	1.8718	0.8317	3.1672	4.5075	0.0000	0.0000	4.5075
719	1	Stage DL-C: DL-	2.3696	4.7145	3.8289	0.4246	1.3102	0.0000	0.0000	4.7145
721	0	Stage DL-C: DL-	-2.1139	-0.9389	-0.0744	-3.2889	-4.1534	0.0000	0.0000	-4.1534
721	1	Stage DL-C: DL-	-2.1139	2.3593	1.3246	-6.5872	-5.5526	0.0000	0.0000	-6.5872
722	0	Stage DL-C: DL-	1.7662	1.1359	0.2488	2.4428	3.3298	0.0000	0.0000	3.3298
722	1	Stage DL-C: DL-	1.7662	2.6831	3.1471	0.8854	0.4314	0.0000	0.0000	3.1471
723	0	Stage DL-C: DL-	0.2320	0.2413	-0.0378	0.5650	0.0000	0.0000	0.0000	0.5650
723	1	Stage DL-C: DL-	0.2068	0.4662	0.0991	0.1239	0.0000	0.0000	0.0000	0.4662
724	0	Stage DL-C: DL-	-0.2991	0.5009	0.1853	-1.7878	0.0000	0.0000	0.0000	-1.7878
724	1	Stage DL-C: DL-	-0.2769	-0.5849	-0.8088	0.7653	0.0000	0.0000	0.0000	-0.8088
725	0	Stage DL-C: DL-	0.0086	-0.2689	-0.2689	0.1682	0.1682	0.0000	0.0000	-0.2689
725	1	Stage DL-C: DL-	0.0086	0.0944	0.0944	0.0151	0.0151	0.0000	0.0000	0.0944
726	0	Stage DL-C: DL-	-0.2343	-0.0467	-0.0467	-0.3122	-0.3122	0.0000	0.0000	-0.3122
726	1	Stage DL-C: DL-	-0.2343	-0.0666	-0.0666	-0.3047	-0.3047	0.0000	0.0000	-0.3047
728	0	Stage DL-C: DL-	-0.9789	1.4350	0.2802	-3.3927	-2.2380	0.0000	0.0000	-3.3927
728	1	Stage DL-C: DL-	-0.9789	3.8844	3.3673	-5.8422	-5.3551	0.0000	0.0000	-5.8422
729	0	Stage DL-C: DL-	0.9082	-0.1993	0.1479	1.9157	1.4686	0.0000	0.0000	1.9157
729	1	Stage DL-C: DL-	0.9082	2.4044	2.3629	-0.7880	-0.9485	0.0000	0.0000	2.3629
731	0	Stage DL-C: DL-	0.1030	1.0242	0.5408	-0.8182	-0.3347	0.0000	0.0000	1.0242
731	1	Stage DL-C: DL-	0.1030	5.6346	5.4553	-5.4266	-5.2482	0.0000	0.0000	5.6346
732	0	Stage DL-C: DL-	-0.1342	-1.8307	-1.7742	1.9622	1.5057	0.0000	0.0000	-1.9307
732	1	Stage DL-C: DL-	-0.1342	2.0136	2.1295	-2.3823	-2.3980	0.0000	0.0000	-2.3980
734	0	Stage DL-C: DL-	1.4765	1.6862	1.7111	1.0723	1.2474	0.0000	0.0000	1.6862

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
734	1	Stage DL-C: DL-	1.4793	6.9854	7.8008	-4.0256	-4.9423	0.0000	0.0000	7.8008
735	0	Stage DL-C: DL-	-1.2637	-3.2033	-3.0899	0.8759	0.9625	0.0000	0.0000	-3.2033
735	1	Stage DL-C: DL-	-1.2637	1.3429	1.1236	-3.8704	-3.8510	0.0000	0.0000	-3.8704
737	0	Stage DL-C: DL-	2.8536	3.2452	3.8640	2.4620	1.8431	0.0000	0.0000	3.8640
737	1	Stage DL-C: DL-	2.8536	8.1838	9.1044	-0.4767	-3.2972	0.0000	0.0000	9.1044
738	0	Stage DL-C: DL-	-2.3662	-3.8312	-4.0524	-0.9451	-0.7239	0.0000	0.0000	-4.0524
738	1	Stage DL-C: DL-	-2.3662	-0.1214	-1.4409	-4.6549	-3.3354	0.0000	0.0000	-4.6549
739	0	Stage DL-C: DL-	-0.7426	-1.1890	-1.4619	0.9968	0.0000	0.0000	0.0000	-1.4619
739	1	Stage DL-C: DL-	-0.7648	-0.3909	-0.8556	-1.3194	0.0000	0.0000	0.0000	-1.3194
740	0	Stage DL-C: DL-	0.6255	1.5749	1.3141	-1.2745	0.0000	0.0000	0.0000	1.5749
740	1	Stage DL-C: DL-	0.6477	0.2136	-0.1058	2.1216	0.0000	0.0000	0.0000	2.1216
741	0	Stage DL-C: DL-	-0.1106	0.0482	0.0482	-0.1773	-0.1773	0.0000	0.0000	-0.1773
741	1	Stage DL-C: DL-	-0.1106	-0.5800	-0.5800	0.0782	0.0782	0.0000	0.0000	-0.5800
742	0	Stage DL-C: DL-	0.0376	-0.1008	-0.1008	0.0958	0.0958	0.0000	0.0000	-0.1008
742	1	Stage DL-C: DL-	0.0376	0.4419	0.4419	-0.1322	-0.1322	0.0000	0.0000	0.4419
744	0	Stage DL-C: DL-	4.6075	4.3212	7.2056	4.8937	2.0093	0.0000	0.0000	7.2056
744	1	Stage DL-C: DL-	4.6075	11.2688	9.3252	-2.0539	-0.1103	0.0000	0.0000	11.2688
745	0	Stage DL-C: DL-	-3.7500	-4.1025	-5.5536	-3.3675	-1.9465	0.0000	0.0000	-5.5536
745	1	Stage DL-C: DL-	-3.7500	-2.1588	-0.8197	-5.3412	-6.6803	0.0000	0.0000	-6.6803
747	0	Stage DL-C: DL-	8.1398	6.8571	4.8143	5.4229	7.3652	0.0000	0.0000	7.3652
747	1	Stage DL-C: DL-	8.1398	14.3764	10.7015	-2.0869	1.5780	0.0000	0.0000	14.3764
748	0	Stage DL-C: DL-	-5.0056	-7.9389	-6.6001	-3.0724	-3.4112	0.0000	0.0000	-7.9389
748	1	Stage DL-C: DL-	-5.0056	-3.2010	-0.8389	-6.8103	-8.1724	0.0000	0.0000	-8.1724
750	0	Stage DL-C: DL-	7.8883	9.2315	5.5586	8.5452	10.2188	0.0000	0.0000	10.2188
750	1	Stage DL-C: DL-	7.8883	15.5145	14.1124	0.2622	1.6643	0.0000	0.0000	15.5145
751	0	Stage DL-C: DL-	-6.4267	-9.7684	-7.4081	-3.0851	-5.4454	0.0000	0.0000	-9.7684
751	1	Stage DL-C: DL-	-6.4267	-4.1162	-3.0449	-8.7372	-9.8086	0.0000	0.0000	-9.8086
753	0	Stage DL-C: DL-	8.7508	10.8913	8.5840	8.5102	9.8075	0.0000	0.0000	10.9013
753	1	Stage DL-C: DL-	8.7508	11.2208	17.5239	8.2809	1.9778	0.0000	0.0000	17.5239
754	0	Stage DL-C: DL-	-7.8845	-9.8217	-8.8533	-5.4473	-6.5158	0.0000	0.0000	-9.8217
754	1	Stage DL-C: DL-	-7.8845	-4.3018	-7.4374	-11.0675	-7.9516	0.0000	0.0000	-11.0675
755	0	Stage DL-C: DL-	-2.6358	-3.0352	-2.8794	-2.8524	0.0000	0.0000	0.0000	-3.0352
755	1	Stage DL-C: DL-	-2.8581	-2.2968	-0.3298	-2.7683	0.0000	0.0000	0.0000	-3.3288
756	0	Stage DL-C: DL-	-0.2854	0.7855	-0.3965	-1.1353	0.0000	0.0000	0.0000	-1.1353

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
756	1	Stage DL-C: DL-	-0.2432	-0.8488	-0.3360	0.4606	0.0000	0.0000	0.0000	-0.8488
757	0	Stage DL-C: DL-	0.4391	0.6523	0.6523	0.3486	0.3486	0.0000	0.0000	0.6523
757	1	Stage DL-C: DL-	0.4391	-0.1935	-0.1935	0.7049	0.7049	0.0000	0.0000	0.7049
758	0	Stage DL-C: DL-	0.4574	0.2013	0.2013	0.5851	0.5851	0.0000	0.0000	0.5851
758	1	Stage DL-C: DL-	0.4574	1.0440	1.0440	0.2110	0.2110	0.0000	0.0000	1.0440
760	0	Stage DL-C: DL-	8.8949	10.8150	17.0437	8.9747	2.7460	0.0000	0.0000	17.0437
760	1	Stage DL-C: DL-	8.8949	11.8794	10.2407	7.9103	9.5490	0.0000	0.0000	11.8794
761	0	Stage DL-C: DL-	-7.8454	-4.5250	-7.7213	-11.1657	-7.9694	0.0000	0.0000	-11.1657
761	1	Stage DL-C: DL-	-7.8454	-9.8694	-8.8268	-5.8223	-7.0639	0.0000	0.0000	-9.8694
763	0	Stage DL-C: DL-	8.3642	15.4679	13.8288	1.2908	2.8896	0.0000	0.0000	15.4679
763	1	Stage DL-C: DL-	8.3642	10.5068	8.5337	8.2218	10.1946	0.0000	0.0000	10.5068
764	0	Stage DL-C: DL-	-8.8046	-9.0570	-9.8150	-8.5522	-9.7943	0.0000	0.0000	-9.7943
764	1	Stage DL-C: DL-	-8.8046	-8.8181	-7.1532	-3.7912	-6.4580	0.0000	0.0000	-8.8181
766	0	Stage DL-C: DL-	8.9347	14.6844	10.7130	-0.8150	3.1564	0.0000	0.0000	14.6844
766	1	Stage DL-C: DL-	8.9347	9.3320	8.3717	5.5374	7.4677	0.0000	0.0000	9.3320
767	0	Stage DL-C: DL-	-5.6436	-4.4481	-1.7943	-6.8390	-9.3029	0.0000	0.0000	-9.3029
767	1	Stage DL-C: DL-	-5.6436	-6.1899	-6.8196	-3.0873	-4.9679	0.0000	0.0000	-6.1899
769	0	Stage DL-C: DL-	5.7336	11.7711	9.8147	-0.3034	1.6830	0.0000	0.0000	11.7711
769	1	Stage DL-C: DL-	5.7336	5.9308	9.4296	5.4072	2.0391	0.0000	0.0000	9.4296
770	0	Stage DL-C: DL-	-4.6031	-3.3966	-1.8288	-5.8096	-7.3774	0.0000	0.0000	-7.3774
770	1	Stage DL-C: DL-	-4.6031	-4.7792	-6.3831	-4.4270	-2.8231	0.0000	0.0000	-6.3831
771	0	Stage DL-C: DL-	-0.9460	-0.0644	-0.3447	-2.8578	0.0000	0.0000	0.0000	-2.8578
771	1	Stage DL-C: DL-	-0.9662	-1.2749	-1.5431	0.1320	0.0000	0.0000	0.0000	-1.5431
772	0	Stage DL-C: DL-	0.8113	0.6239	0.3687	1.8095	0.0000	0.0000	0.0000	1.8095
772	1	Stage DL-C: DL-	0.8335	1.2510	0.9478	0.2580	0.0000	0.0000	0.0000	1.2510
773	0	Stage DL-C: DL-	-0.2629	-0.0312	-0.0312	-0.3602	-0.3602	0.0000	0.0000	-0.3602
773	1	Stage DL-C: DL-	-0.2629	-0.7712	-0.7712	-0.0493	-0.0493	0.0000	0.0000	-0.7712
774	0	Stage DL-C: DL-	0.1875	-0.0256	-0.0256	0.2771	0.2771	0.0000	0.0000	0.2771
774	1	Stage DL-C: DL-	0.1875	0.6404	0.6404	-0.0027	-0.0027	0.0000	0.0000	0.6404
776	0	Stage DL-C: DL-	4.2665	8.5847	10.3209	1.9492	-1.7680	0.0000	0.0000	10.3209
776	1	Stage DL-C: DL-	4.2665	5.5821	5.6817	2.9508	2.8412	0.0000	0.0000	5.6817
777	0	Stage DL-C: DL-	-3.5742	-1.2512	-2.8144	-5.8972	-4.3346	0.0000	0.0000	-5.8972
777	1	Stage DL-C: DL-	-3.5742	-4.5846	-4.5846	-2.1639	-2.5488	0.0000	0.0000	-4.5846
779	0	Stage DL-C: DL-	3.2313	8.4087	8.5181	-1.9463	-2.0557	0.0000	0.0000	8.5181

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
779	1	Stage DL-C: DL-	3.2312	4.7033	3.5378	1.7590	2.9249	0.0000	0.0000	4.7033
780	0	Stage DL-C: DL-	-2.6799	-2.8631	-0.4778	-4.4866	-4.8818	0.0000	0.0000	-4.8818
780	1	Stage DL-C: DL-	-2.6799	-4.5451	-3.4921	-0.8146	-1.8676	0.0000	0.0000	-4.5451
782	0	Stage DL-C: DL-	2.1660	7.8575	6.6915	-3.4855	-2.3195	0.0000	0.0000	7.8575
782	1	Stage DL-C: DL-	2.1660	3.6495	2.7224	0.7224	1.6496	0.0000	0.0000	3.6495
783	0	Stage DL-C: DL-	-1.8233	-0.5791	0.4738	-3.0674	-4.1204	0.0000	0.0000	-4.1204
783	1	Stage DL-C: DL-	-1.8233	-3.4552	-2.6475	-0.1913	-0.9991	0.0000	0.0000	-3.4552
785	0	Stage DL-C: DL-	1.3392	6.2508	5.3247	-3.5725	-2.6484	0.0000	0.0000	6.2508
785	1	Stage DL-C: DL-	1.3392	3.3284	3.5574	-0.6551	-0.8791	0.0000	0.0000	3.5574
786	0	Stage DL-C: DL-	-1.0798	-0.0284	0.7787	-2.1312	-2.9383	0.0000	0.0000	-2.9383
786	1	Stage DL-C: DL-	-1.0798	-1.7576	-1.7834	-0.4019	-0.3761	0.0000	0.0000	-1.7834
787	0	Stage DL-C: DL-	-0.1574	0.4670	0.1793	-1.2423	0.0000	0.0000	0.0000	-1.2423
787	1	Stage DL-C: DL-	-0.1796	-0.2803	-0.5705	0.4606	0.0000	0.0000	0.0000	-0.5705
788	0	Stage DL-C: DL-	0.0699	-0.0150	-0.2411	0.6519	0.0000	0.0000	0.0000	0.6519
788	1	Stage DL-C: DL-	0.1122	0.5189	0.1727	-0.3781	0.0000	0.0000	0.0000	0.5189
789	0	Stage DL-C: DL-	-0.2139	-0.2753	-0.2753	-0.1681	-0.1681	0.0000	0.0000	-0.2753
789	1	Stage DL-C: DL-	-0.2139	-0.4446	-0.4446	-0.1170	-0.1170	0.0000	0.0000	-0.4446
790	0	Stage DL-C: DL-	0.0827	0.1383	0.1383	0.0894	0.0894	0.0000	0.0000	0.1383
790	1	Stage DL-C: DL-	0.0827	0.2967	0.2967	-0.0072	-0.0072	0.0000	0.0000	0.2967
792	0	Stage DL-C: DL-	0.3301	3.8268	4.1993	-3.2685	-3.5390	0.0000	0.0000	4.1993
792	1	Stage DL-C: DL-	0.3301	2.0804	2.3853	-1.4301	-1.7056	0.0000	0.0000	2.3853
793	0	Stage DL-C: DL-	-0.3451	0.4714	0.8800	-1.4379	-1.4562	0.0000	0.0000	-1.4562
793	1	Stage DL-C: DL-	-0.3451	-1.1744	-1.1318	0.4082	0.3654	0.0000	0.0000	-1.1744
795	0	Stage DL-C: DL-	-0.3255	3.8055	4.1802	-4.5565	-4.8312	0.0000	0.0000	-4.8312
795	1	Stage DL-C: DL-	-0.3255	1.2127	1.4955	-1.8637	-2.1465	0.0000	0.0000	-2.1465
796	0	Stage DL-C: DL-	0.1980	1.4992	1.5421	-1.1033	-1.1462	0.0000	0.0000	1.5421
796	1	Stage DL-C: DL-	0.1980	-0.6175	-0.5932	1.0139	0.9881	0.0000	0.0000	1.0139
798	0	Stage DL-C: DL-	-0.9643	3.0137	3.2958	-4.9423	-5.2246	0.0000	0.0000	-5.2246
798	1	Stage DL-C: DL-	-0.9643	1.0391	0.8818	-2.9637	-2.8108	0.0000	0.0000	-2.9637
799	0	Stage DL-C: DL-	0.7210	1.8006	1.8256	-0.3589	-0.3834	0.0000	0.0000	1.8256
799	1	Stage DL-C: DL-	0.7210	-0.0237	0.1872	1.4457	1.2549	0.0000	0.0000	1.4457
801	0	Stage DL-C: DL-	-1.3803	2.3023	2.1483	-5.0230	-4.8689	0.0000	0.0000	-5.0230
801	1	Stage DL-C: DL-	-1.3803	1.8706	0.6846	-4.8912	-3.4055	0.0000	0.0000	-4.8912
802	0	Stage DL-C: DL-	1.1368	1.9128	2.1041	0.3611	0.1697	0.0000	0.0000	2.1041

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
802	1	Stage DL-C: DL-	1.1368	0.4037	1.1401	1.8702	1.1337	0.0000	0.0000	1.8702
803	0	Stage DL-C: DL-	0.3328	0.8300	0.3473	0.0160	0.0000	0.0000	0.0000	0.8300
803	1	Stage DL-C: DL-	0.3107	0.4651	0.0706	0.4674	0.0000	0.0000	0.0000	0.4674
804	0	Stage DL-C: DL-	-0.3785	-0.2581	-0.6050	-0.1795	0.0000	0.0000	0.0000	-0.6050
804	1	Stage DL-C: DL-	-0.3043	-0.2089	-0.4178	-0.4123	0.0000	0.0000	0.0000	-0.4178
805	0	Stage DL-C: DL-	0.0028	-0.3506	-0.3506	0.1813	0.1513	0.0000	0.0000	-0.3506
805	1	Stage DL-C: DL-	0.0028	0.0845	0.0845	-0.0357	-0.0357	0.0000	0.0000	0.0845
806	0	Stage DL-C: DL-	-0.1601	0.0839	0.0839	-0.2626	-0.2626	0.0000	0.0000	-0.2626
806	1	Stage DL-C: DL-	-0.1601	-0.0269	-0.0269	-0.2161	-0.2161	0.0000	0.0000	-0.2161
808	0	Stage DL-C: DL-	-1.7822	1.8774	0.8811	-5.4417	-4.3454	0.0000	0.0000	-5.4417
808	1	Stage DL-C: DL-	-1.7822	0.6868	1.1560	-4.2611	-4.7303	0.0000	0.0000	-4.7303
809	0	Stage DL-C: DL-	1.4183	1.8187	2.4227	1.2128	0.4084	0.0000	0.0000	2.4227
809	1	Stage DL-C: DL-	1.4183	1.3093	1.1114	1.5232	1.7211	0.0000	0.0000	1.7211
811	0	Stage DL-C: DL-	-1.9529	1.1298	1.5898	-5.0350	-5.4940	0.0000	0.0000	-5.4940
811	1	Stage DL-C: DL-	-1.9529	0.2151	1.2183	-4.1203	-5.1215	0.0000	0.0000	-5.1215
812	0	Stage DL-C: DL-	1.6186	2.2259	2.0291	1.0073	1.2051	0.0000	0.0000	2.2259
812	1	Stage DL-C: DL-	1.6186	1.8325	1.2824	1.4007	1.9708	0.0000	0.0000	1.9708
814	0	Stage DL-C: DL-	-2.0773	0.5512	1.5615	-4.7056	-5.7059	0.0000	0.0000	-5.7059
814	1	Stage DL-C: DL-	-2.0773	0.5708	0.9777	-4.7253	-5.1322	0.0000	0.0000	-5.1322
815	0	Stage DL-C: DL-	1.7236	2.3286	1.7570	1.1209	1.6808	0.0000	0.0000	2.3286
815	1	Stage DL-C: DL-	1.7236	1.9568	1.7026	1.4808	1.7447	0.0000	0.0000	1.9568
817	0	Stage DL-C: DL-	-2.0713	0.5840	0.8896	-4.7367	-5.1423	0.0000	0.0000	-5.1423
817	1	Stage DL-C: DL-	-2.0713	1.6808	0.3396	-6.0236	-4.4822	0.0000	0.0000	-6.0236
818	0	Stage DL-C: DL-	1.7562	2.1160	1.8630	1.4004	1.6534	0.0000	0.0000	2.1160
818	1	Stage DL-C: DL-	1.7562	1.4868	2.2853	2.0297	1.3511	0.0000	0.0000	2.2853
819	0	Stage DL-C: DL-	0.6641	0.7731	0.4268	0.8825	0.5000	0.0000	0.0000	0.8825
819	1	Stage DL-C: DL-	0.6419	0.9366	0.5052	0.5058	0.0000	0.0000	0.0000	0.9366
820	0	Stage DL-C: DL-	-0.7411	-0.4119	-0.8026	-0.9855	0.0000	0.0000	0.0000	-0.9855
820	1	Stage DL-C: DL-	-0.7189	-0.5888	-0.9051	-0.5921	0.0000	0.0000	0.0000	-0.9051
821	0	Stage DL-C: DL-	0.1906	-0.3363	-0.3363	0.4118	0.4118	0.0000	0.0000	0.4118
821	1	Stage DL-C: DL-	0.1906	0.3127	0.3127	0.1395	0.1395	0.0000	0.0000	0.3127
822	0	Stage DL-C: DL-	-0.3444	0.0878	0.0878	-0.5302	-0.5302	0.0000	0.0000	-0.5302
822	1	Stage DL-C: DL-	-0.3444	-0.3069	-0.3069	-0.3802	-0.3802	0.0000	0.0000	-0.3802
824	0	Stage DL-C: DL-	-1.9007	1.2323	-0.1355	-5.0336	-3.6480	0.0000	0.0000	-5.0336

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
624	1	Stage DL-C: DL-	-1.9007	1.8255	1.7960	-5.4270	-5.5675	0.0000	0.0000	-5.5675
625	0	Stage DL-C: DL-	1.5497	1.1224	1.9560	1.9799	1.1433	0.0000	0.0000	1.9799
625	1	Stage DL-C: DL-	1.5497	2.2068	2.1111	0.8905	0.8863	0.0000	0.0000	2.2068
627	0	Stage DL-C: DL-	-1.4862	0.8061	0.7882	-3.5799	-3.7367	0.0000	0.0000	-3.7367
627	1	Stage DL-C: DL-	-1.4862	1.9705	2.8405	-4.9430	-5.8125	0.0000	0.0000	-5.8125
628	0	Stage DL-C: DL-	1.2388	0.7725	0.6748	1.7047	1.8023	0.0000	0.0000	1.8023
628	1	Stage DL-C: DL-	1.2388	2.4284	1.8618	0.0507	0.4805	0.0000	0.0000	2.4284
630	0	Stage DL-C: DL-	-0.9839	0.6422	1.3108	-2.5700	-3.2387	0.0000	0.0000	-3.2387
630	1	Stage DL-C: DL-	-0.9839	2.8894	3.4342	-4.8872	-5.3630	0.0000	0.0000	-5.3630
631	0	Stage DL-C: DL-	0.8045	0.4208	-0.0238	1.1881	1.6325	0.0000	0.0000	1.6325
631	1	Stage DL-C: DL-	0.8045	2.0252	1.6857	-0.4162	-0.0466	0.0000	0.0000	2.0252
633	0	Stage DL-C: DL-	-0.3142	1.4629	1.8065	-2.0813	-2.5649	0.0000	0.0000	-2.5649
633	1	Stage DL-C: DL-	-0.3142	3.4885	3.2958	-4.1169	-3.8242	0.0000	0.0000	-4.1169
634	0	Stage DL-C: DL-	0.3801	0.0806	-0.3001	0.6916	1.0803	0.0000	0.0000	1.0803
634	1	Stage DL-C: DL-	0.3801	1.0723	1.0084	-0.3121	-0.2461	0.0000	0.0000	1.0723
635	0	Stage DL-C: DL-	-0.4791	-0.3818	-0.3508	-0.7540	0.0000	0.0000	0.0000	-0.7540
635	1	Stage DL-C: DL-	-0.5013	-0.7736	-1.4496	1.0802	0.0000	0.0000	0.0000	-1.4496
636	0	Stage DL-C: DL-	-0.7314	-0.2153	-0.6717	-1.0540	0.0000	0.0000	0.0000	-1.0540
636	1	Stage DL-C: DL-	-0.7092	-0.6796	-0.8890	-0.7868	0.0000	0.0000	0.0000	-0.7868
637	0	Stage DL-C: DL-	0.2939	-0.0018	-0.0018	0.4181	0.4181	0.0000	0.0000	0.4181
637	1	Stage DL-C: DL-	0.2939	0.2295	0.2295	0.3208	0.3208	0.0000	0.0000	0.3208
638	0	Stage DL-C: DL-	0.1299	0.2502	0.2502	0.0794	0.0794	0.0000	0.0000	0.2502
638	1	Stage DL-C: DL-	0.1299	0.3645	0.3645	0.0014	0.0014	0.0000	0.0000	0.3645
640	0	Stage DL-C: DL-	-0.5807	-0.3186	-0.3486	-1.1807	0.0000	0.0000	0.0000	-1.1807
640	1	Stage DL-C: DL-	-0.6029	-0.3402	-0.8785	-0.3474	0.0000	0.0000	0.0000	-0.8785
641	0	Stage DL-C: DL-	-0.5705	0.5771	-0.0518	-2.4340	0.0000	0.0000	0.0000	-2.4340
641	1	Stage DL-C: DL-	-0.5483	-0.5871	-0.9088	0.2883	0.0000	0.0000	0.0000	-0.9088
642	0	Stage DL-C: DL-	0.3167	0.2031	0.2031	0.3645	0.3645	0.0000	0.0000	0.3645
642	1	Stage DL-C: DL-	0.3167	0.0511	0.0511	0.4284	0.4284	0.0000	0.0000	0.4284
643	0	Stage DL-C: DL-	0.1078	0.3427	0.3427	0.0088	0.0088	0.0000	0.0000	0.3427
643	1	Stage DL-C: DL-	0.1078	0.2165	0.2165	0.0618	0.0618	0.0000	0.0000	0.2165
645	0	Stage DL-C: DL-	-0.5031	3.5877	3.0867	-4.5839	-4.0729	0.0000	0.0000	-4.5839
645	1	Stage DL-C: DL-	-0.5031	1.0648	1.8833	-2.0708	-2.8885	0.0000	0.0000	-2.8885
646	0	Stage DL-C: DL-	0.6824	6.4100	6.4373	-5.0251	-5.0524	0.0000	0.0000	6.4373

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
646	1	Stage DL-C: DL-	0.6824	6.1305	5.6081	-4.7456	-4.2242	0.0000	0.0000	6.1305
648	0	Stage DL-C: DL-	-1.2914	2.9714	3.5822	-5.5543	-6.1751	0.0000	0.0000	-6.1751
648	1	Stage DL-C: DL-	-1.2914	0.3649	1.2644	-2.9378	-3.8473	0.0000	0.0000	-3.8473
649	0	Stage DL-C: DL-	1.1313	8.1411	7.6185	-5.6785	-6.3059	0.0000	0.0000	8.1411
649	1	Stage DL-C: DL-	1.1313	6.5429	5.8571	-4.2802	-3.5945	0.0000	0.0000	6.5429
651	0	Stage DL-C: DL-	-1.7288	1.4722	2.3816	-4.9298	-5.8396	0.0000	0.0000	-5.8396
651	1	Stage DL-C: DL-	-1.7288	0.5858	0.9481	-4.0535	-4.4058	0.0000	0.0000	-4.4058
652	0	Stage DL-C: DL-	1.7421	9.3844	8.8685	-5.9001	-6.2142	0.0000	0.0000	9.3844
652	1	Stage DL-C: DL-	1.7421	5.1890	4.9421	-1.7047	-1.4578	0.0000	0.0000	5.1890
654	0	Stage DL-C: DL-	-2.0511	1.2873	1.6489	-5.3996	-5.7612	0.0000	0.0000	-5.7612
654	1	Stage DL-C: DL-	-2.0511	1.6452	0.0618	-5.7474	-4.1639	0.0000	0.0000	-5.7474
655	0	Stage DL-C: DL-	1.5270	4.1079	3.8614	-1.0539	-0.8074	0.0000	0.0000	4.1079
655	1	Stage DL-C: DL-	1.5270	0.1848	1.0708	2.8893	1.9633	0.0000	0.0000	2.8893
656	0	Stage DL-C: DL-	0.0459	0.2841	0.0050	-0.1379	0.0000	0.0000	0.0000	0.2841
656	1	Stage DL-C: DL-	0.0231	0.2580	-0.1977	0.0829	0.0000	0.0000	0.0000	0.2580
657	0	Stage DL-C: DL-	-0.1280	0.2067	-0.1718	-0.4021	0.0000	0.0000	0.0000	-0.4021
657	1	Stage DL-C: DL-	-0.1058	0.1755	-0.2588	-0.1770	0.0000	0.0000	0.0000	-0.2588
658	0	Stage DL-C: DL-	0.2731	0.1436	0.1436	0.3276	0.3276	0.0000	0.0000	0.3276
658	1	Stage DL-C: DL-	0.2731	-0.0447	-0.0447	0.4067	0.4067	0.0000	0.0000	0.4067
659	0	Stage DL-C: DL-	-0.4211	-0.1365	-0.1365	-0.5407	-0.5407	0.0000	0.0000	-0.5407
659	1	Stage DL-C: DL-	-0.4211	-0.1966	-0.1966	-0.5155	-0.5155	0.0000	0.0000	-0.5155
661	0	Stage DL-C: DL-	-1.8902	1.8395	2.1682	-5.8196	-4.1667	0.0000	0.0000	-5.8196
661	1	Stage DL-C: DL-	-1.8902	1.0831	1.4104	-5.0634	-5.3908	0.0000	0.0000	-5.3908
662	0	Stage DL-C: DL-	1.7435	1.3910	2.2844	3.0991	1.2057	0.0000	0.0000	3.2844
662	1	Stage DL-C: DL-	1.7435	2.1761	1.9877	1.3110	1.4894	0.0000	0.0000	2.1761
664	0	Stage DL-C: DL-	-1.8869	0.8435	1.1728	-4.5773	-4.9064	0.0000	0.0000	-4.9064
664	1	Stage DL-C: DL-	-1.8869	1.0863	1.9642	-4.6300	-5.6980	0.0000	0.0000	-5.6980
665	0	Stage DL-C: DL-	1.6442	1.7174	1.5279	1.5710	1.7605	0.0000	0.0000	1.7605
665	1	Stage DL-C: DL-	1.6442	2.3767	1.8329	0.9097	1.4556	0.0000	0.0000	2.3767
667	0	Stage DL-C: DL-	-1.8839	0.5853	1.4542	-3.9130	-4.7819	0.0000	0.0000	-4.7819
667	1	Stage DL-C: DL-	-1.8839	1.6931	2.1744	-5.0209	-5.5021	0.0000	0.0000	-5.5021
668	0	Stage DL-C: DL-	1.4725	1.5865	1.0400	1.3598	1.9050	0.0000	0.0000	1.9050
668	1	Stage DL-C: DL-	1.4725	2.2189	1.9815	0.7291	0.9640	0.0000	0.0000	2.2189
670	0	Stage DL-C: DL-	-1.4209	1.0107	1.4823	-3.8525	-4.3341	0.0000	0.0000	-4.3341

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
870	1	Stage DL-C: DL-	-1.4209	2.5859	1.4371	-5.4278	-4.2789	0.0000	0.0000	-5.4278
871	0	Stage DL-C: DL-	1.2464	1.1828	0.9448	1.3101	1.5480	0.0000	0.0000	1.5480
871	1	Stage DL-C: DL-	1.2464	1.4356	2.0675	1.0572	0.4254	0.0000	0.0000	2.0675
872	0	Stage DL-C: DL-	0.2371	0.2828	0.0852	0.4212	0.0000	0.0000	0.0000	0.4212
872	1	Stage DL-C: DL-	0.2149	0.5520	0.1461	-0.0274	0.0000	0.0000	0.0000	0.5520
873	0	Stage DL-C: DL-	-0.3039	0.1526	-0.2209	-0.8749	0.0000	0.0000	0.0000	-0.8749
873	1	Stage DL-C: DL-	-0.2817	-0.1845	-0.5155	-0.0581	0.0000	0.0000	0.0000	-0.5155
874	0	Stage DL-C: DL-	0.0456	-0.0608	-0.0608	0.0903	0.0903	0.0000	0.0000	0.0903
874	1	Stage DL-C: DL-	0.0456	-0.1337	-0.1337	0.1209	0.1209	0.0000	0.0000	-0.1337
875	0	Stage DL-C: DL-	-0.2217	0.1246	0.1246	-0.3671	-0.3671	0.0000	0.0000	-0.3671
875	1	Stage DL-C: DL-	-0.2217	-0.1609	-0.1609	-0.2472	-0.2472	0.0000	0.0000	-0.2472
877	0	Stage DL-C: DL-	-0.8922	2.3112	1.1220	-4.0955	-2.9063	0.0000	0.0000	-4.0955
877	1	Stage DL-C: DL-	-0.8922	3.0942	2.9579	-4.8785	-4.7223	0.0000	0.0000	-4.8785
878	0	Stage DL-C: DL-	0.8303	0.2190	0.8542	1.4418	0.8063	0.0000	0.0000	1.4418
878	1	Stage DL-C: DL-	0.8303	1.6757	1.8233	-0.0152	-0.2628	0.0000	0.0000	1.8233
880	0	Stage DL-C: DL-	-0.2995	1.6803	1.5368	-2.2823	-2.1359	0.0000	0.0000	-2.2823
880	1	Stage DL-C: DL-	-0.2995	4.0537	4.2978	-4.8527	-4.8968	0.0000	0.0000	-4.8968
881	0	Stage DL-C: DL-	0.3381	-0.5899	-0.3423	1.2661	1.0165	0.0000	0.0000	1.2661
881	1	Stage DL-C: DL-	0.3381	1.5800	1.8878	-0.9037	-1.0216	0.0000	0.0000	1.8878
883	0	Stage DL-C: DL-	0.4470	1.8168	2.1603	-1.0229	-1.2663	0.0000	0.0000	2.1603
883	1	Stage DL-C: DL-	0.4470	4.8871	5.4043	-4.1031	-4.5103	0.0000	0.0000	5.4043
884	0	Stage DL-C: DL-	-0.2884	-1.3175	-1.1991	0.7407	0.8223	0.0000	0.0000	-1.3175
884	1	Stage DL-C: DL-	-0.2884	1.2524	1.2691	-1.8292	-1.8460	0.0000	0.0000	-1.8460
886	0	Stage DL-C: DL-	1.2534	2.8595	3.2678	-0.3526	-0.7607	0.0000	0.0000	3.2678
886	1	Stage DL-C: DL-	1.2534	5.0052	5.8084	-2.4563	-3.3015	0.0000	0.0000	5.8084
887	0	Stage DL-C: DL-	-0.9401	-1.7460	-1.7297	-0.1342	-0.1504	0.0000	0.0000	-1.7460
887	1	Stage DL-C: DL-	-0.9401	0.2091	-0.1200	-2.0883	-1.7602	0.0000	0.0000	-2.0883
888	0	Stage DL-C: DL-	-0.0711	-0.2792	-0.6811	0.9514	0.5000	0.0000	0.0000	0.9514
888	1	Stage DL-C: DL-	-0.0933	0.3237	0.1035	-0.7919	0.0000	0.0000	0.0000	-0.7919
889	0	Stage DL-C: DL-	-0.0304	0.5568	0.2264	-0.9742	0.0000	0.0000	0.0000	-0.9742
889	1	Stage DL-C: DL-	-0.0062	-0.2141	-0.4448	0.8002	0.0000	0.0000	0.0000	0.8002
890	0	Stage DL-C: DL-	-0.2352	-0.4813	-0.4813	-0.1402	-0.1402	0.0000	0.0000	-0.4813
890	1	Stage DL-C: DL-	-0.2352	-0.2987	-0.2987	-0.2088	-0.2088	0.0000	0.0000	-0.2987
891	0	Stage DL-C: DL-	0.0838	0.2523	0.2523	0.0128	0.0128	0.0000	0.0000	0.2523

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
891	1	Stage DL-C: DL-	0.0838	0.1988	0.1988	0.0354	0.0354	0.0000	0.0000	0.1988
893	0	Stage DL-C: DL-	2.4321	3.9202	4.7490	0.9442	0.1153	0.0000	0.0000	4.7490
893	1	Stage DL-C: DL-	2.4321	8.0249	8.6795	-3.1606	-2.5153	0.0000	0.0000	8.0249
894	0	Stage DL-C: DL-	-1.8559	-2.3548	-2.6565	-1.3570	-1.0553	0.0000	0.0000	-2.6565
894	1	Stage DL-C: DL-	-1.8559	-0.8466	0.3114	-3.0652	-4.0233	0.0000	0.0000	-4.0233
896	0	Stage DL-C: DL-	3.5523	4.8350	5.6871	2.2696	3.4175	0.0000	0.0000	4.8350
896	1	Stage DL-C: DL-	3.5523	10.1115	8.3657	-3.0069	-1.2511	0.0000	0.0000	10.1115
897	0	Stage DL-C: DL-	-2.7981	-4.8479	-3.8880	-0.6884	-1.6483	0.0000	0.0000	-4.8479
897	1	Stage DL-C: DL-	-2.7981	-1.2181	0.0783	-4.3201	-5.6146	0.0000	0.0000	-5.6146
899	0	Stage DL-C: DL-	4.8674	8.3662	4.8408	3.3486	5.0944	0.0000	0.0000	8.3662
899	1	Stage DL-C: DL-	4.8674	10.8817	10.4678	-1.1468	-0.7329	0.0000	0.0000	10.8817
900	0	Stage DL-C: DL-	-3.8429	-6.1907	-4.8963	-1.4850	-2.7894	0.0000	0.0000	-6.1907
900	1	Stage DL-C: DL-	-3.8429	-1.3340	-1.2345	-6.1817	-6.4512	0.0000	0.0000	-6.4512
902	0	Stage DL-C: DL-	6.1819	7.5676	7.1555	4.8161	5.2283	0.0000	0.0000	7.5676
902	1	Stage DL-C: DL-	6.1819	8.9469	12.9288	3.5373	-0.3446	0.0000	0.0000	12.9288
903	0	Stage DL-C: DL-	-4.9195	-6.4838	-6.1958	-3.3552	-3.6432	0.0000	0.0000	-6.4838
903	1	Stage DL-C: DL-	-4.9195	-2.0061	-4.5342	-7.8328	-5.3048	0.0000	0.0000	-7.8328
904	0	Stage DL-C: DL-	-0.7920	-1.1279	-1.5362	0.5737	0.0000	0.0000	0.0000	-1.5362
904	1	Stage DL-C: DL-	-0.8142	-0.3421	-0.4811	-1.7322	0.0000	0.0000	0.0000	-1.7322
905	0	Stage DL-C: DL-	0.5871	1.4582	1.0847	-0.8370	0.0000	0.0000	0.0000	1.4582
905	1	Stage DL-C: DL-	0.6193	0.2720	0.1541	1.6089	0.0000	0.0000	0.0000	1.6089
906	0	Stage DL-C: DL-	-0.4148	-0.4322	-0.4322	-0.4074	-0.4074	0.0000	0.0000	-0.4322
906	1	Stage DL-C: DL-	-0.4148	-0.6474	-0.6474	-0.3170	-0.3170	0.0000	0.0000	-0.6474
907	0	Stage DL-C: DL-	0.3491	0.2792	0.2792	0.3785	0.3785	0.0000	0.0000	0.3785
907	1	Stage DL-C: DL-	0.3491	0.6308	0.6308	0.2307	0.2307	0.0000	0.0000	0.6308
909	0	Stage DL-C: DL-	7.9815	7.7486	11.8228	8.1344	4.0902	0.0000	0.0000	11.8228
909	1	Stage DL-C: DL-	7.9815	14.7244	11.3067	1.1795	4.3942	0.0000	0.0000	14.7244
910	0	Stage DL-C: DL-	-6.2053	-5.6721	-8.1954	-6.8385	-4.3152	0.0000	0.0000	-8.1954
910	1	Stage DL-C: DL-	-6.2053	-5.5390	-3.6701	-8.9718	-8.8405	0.0000	0.0000	-8.8405
912	0	Stage DL-C: DL-	5.9641	4.5938	2.8817	7.3344	5.9465	0.0000	0.0000	5.9465
912	1	Stage DL-C: DL-	5.9641	10.0827	7.4634	1.8456	4.4748	0.0000	0.0000	10.0827
913	0	Stage DL-C: DL-	-7.1300	-6.5656	-7.6929	-4.8944	-6.3671	0.0000	0.0000	-6.5656
913	1	Stage DL-C: DL-	-7.1300	-6.2403	-2.8221	-8.0197	-11.4379	0.0000	0.0000	-11.4379
915	0	Stage DL-C: DL-	7.2630	8.6815	6.0318	5.8645	8.4942	0.0000	0.0000	8.6815

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ASS Total Stress (kips/in²)
915	1	Stage DL-C: DL-	7.2630	10.5174	9.5044	4.0086	5.0176	0.0000	0.0000	10.5174
916	0	Stage DL-C: DL-	-8.3887	-12.0288	-8.8104	-4.7626	-8.1810	0.0000	0.0000	-12.0288
916	1	Stage DL-C: DL-	-8.3887	-8.5962	-5.0969	-10.1952	-11.7244	0.0000	0.0000	-11.7244
918	0	Stage DL-C: DL-	8.6849	9.3603	8.3522	8.0095	9.0176	0.0000	0.0000	9.3603
918	1	Stage DL-C: DL-	8.6849	8.2803	12.4419	9.0795	4.9279	0.0000	0.0000	12.4419
919	0	Stage DL-C: DL-	-9.3388	-11.8341	-10.3080	-7.2437	-8.7709	0.0000	0.0000	-11.8341
919	1	Stage DL-C: DL-	-8.5388	-8.5042	-9.9635	-13.5736	-9.1143	0.0000	0.0000	-13.5736
920	0	Stage DL-C: DL-	-3.2022	-3.7628	-3.1863	-2.6649	0.0000	0.0000	0.0000	-3.7628
920	1	Stage DL-C: DL-	-3.2244	-2.2633	-3.3649	-3.9501	0.0000	0.0000	0.0000	-3.9501
921	0	Stage DL-C: DL-	-0.1138	0.9322	-0.7727	0.1487	0.0000	0.0000	0.0000	-0.7727
921	1	Stage DL-C: DL-	-0.0918	-0.4033	0.3746	-0.4236	0.0000	0.0000	0.0000	-0.4236
922	0	Stage DL-C: DL-	0.1954	0.6679	0.6679	-0.0031	-0.0031	0.0000	0.0000	0.6679
922	1	Stage DL-C: DL-	0.1954	-0.4670	-0.4670	0.4621	0.4621	0.0000	0.0000	-0.4670
923	0	Stage DL-C: DL-	0.7599	0.4686	0.4686	0.8823	0.8823	0.0000	0.0000	0.8823
923	1	Stage DL-C: DL-	0.7599	1.3324	1.3324	0.5194	0.5194	0.0000	0.0000	1.3324
925	0	Stage DL-C: DL-	8.5331	8.4247	12.8581	8.8414	4.4121	0.0000	0.0000	12.8581
925	1	Stage DL-C: DL-	8.5331	8.7472	7.9520	8.3189	9.1161	0.0000	0.0000	9.1161
926	0	Stage DL-C: DL-	-9.3230	-8.9565	-8.3125	-13.6886	-9.3335	0.0000	0.0000	-13.6886
926	1	Stage DL-C: DL-	-9.3230	-12.0556	-10.7403	-6.5902	-7.9027	0.0000	0.0000	-12.0556
928	0	Stage DL-C: DL-	8.7820	10.2879	8.4881	8.2760	4.0758	0.0000	0.0000	10.2879
928	1	Stage DL-C: DL-	8.7820	7.6871	8.2743	8.9089	8.2886	0.0000	0.0000	8.2886
929	0	Stage DL-C: DL-	-7.8366	-8.2588	-3.9428	-10.4146	-11.7305	0.0000	0.0000	-11.7305
929	1	Stage DL-C: DL-	-7.8366	-11.9621	-8.9128	-3.7110	-6.7903	0.0000	0.0000	-11.9621
931	0	Stage DL-C: DL-	5.1739	9.4893	7.1058	0.8595	3.2420	0.0000	0.0000	9.4893
931	1	Stage DL-C: DL-	5.1739	3.4210	1.8804	8.8268	8.4674	0.0000	0.0000	8.4674
932	0	Stage DL-C: DL-	-6.1788	-4.3726	-1.3227	-7.9803	-11.0305	0.0000	0.0000	-11.0305
932	1	Stage DL-C: DL-	-6.1788	-9.3643	-7.6822	-2.9868	-4.6810	0.0000	0.0000	-9.3643
934	0	Stage DL-C: DL-	8.1481	13.0725	9.9541	-0.7763	2.3422	0.0000	0.0000	13.0725
934	1	Stage DL-C: DL-	8.1481	8.3007	8.8894	5.8858	3.3069	0.0000	0.0000	8.8894
935	0	Stage DL-C: DL-	-4.8840	-3.4360	-1.7861	-6.3299	-8.0018	0.0000	0.0000	-8.0018
935	1	Stage DL-C: DL-	-4.8840	-4.9613	-7.0305	-4.8068	-2.7374	0.0000	0.0000	-7.0305
936	0	Stage DL-C: DL-	-0.5328	0.2936	-0.0921	-1.9660	0.0000	0.0000	0.0000	-1.9660
936	1	Stage DL-C: DL-	-0.5548	-0.5647	-0.7751	-0.2410	0.0000	0.0000	0.0000	-0.7751
937	0	Stage DL-C: DL-	0.3662	-0.4095	-0.8050	2.7653	0.0000	0.0000	0.0000	2.7653

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ASS Total Stress (kips/in²)
937	1	Stage DL-C: DL-	0.3604	1.3753	1.2021	-1.7147	0.0000	0.0000	0.0000	-1.7147
938	0	Stage DL-C: DL-	-0.2015	-0.2740	-0.2740	-0.1710	-0.1710	0.0000	0.0000	-0.2740
938	1	Stage DL-C: DL-	-0.2015	-0.4212	-0.4212	-0.1091	-0.1091	0.0000	0.0000	-0.4212
939	0	Stage DL-C: DL-	0.1388	0.1971	0.1971	0.1157	0.1157	0.0000	0.0000	0.1971
939	1	Stage DL-C: DL-	0.1388	0.3620	0.3620	0.0464	0.0464	0.0000	0.0000	0.3620
941	0	Stage DL-C: DL-	3.9240	7.6979	10.6389	0.1501	-2.7909	0.0000	0.0000	10.6389
941	1	Stage DL-C: DL-	3.9240	4.1087	4.4629	3.7394	3.3852	0.0000	0.0000	4.4629
942	0	Stage DL-C: DL-	-3.0831	-0.1721	-2.1063	-5.8941	-4.0570	0.0000	0.0000	-5.8941
942	1	Stage DL-C: DL-	-3.0831	-4.8649	-5.2934	-1.3014	-0.8728	0.0000	0.0000	-5.2934
944	0	Stage DL-C: DL-	2.1730	8.6779	9.0262	-4.3316	-4.6822	0.0000	0.0000	9.0262
944	1	Stage DL-C: DL-	2.1730	2.1427	1.8696	2.2034	2.5465	0.0000	0.0000	2.5465
945	0	Stage DL-C: DL-	-1.6579	1.6828	1.2884	-5.0086	-4.5823	0.0000	0.0000	-5.0086
945	1	Stage DL-C: DL-	-1.6579	-4.1659	-4.0957	0.8501	0.7539	0.0000	0.0000	-4.1659
947	0	Stage DL-C: DL-	0.4134	6.9043	6.4586	-6.2774	-5.8317	0.0000	0.0000	6.9043
947	1	Stage DL-C: DL-	0.4134	0.8232	0.2949	-0.0963	0.5320	0.0000	0.0000	0.8232
948	0	Stage DL-C: DL-	-0.2013	2.5648	2.6823	-2.9674	-3.0849	0.0000	0.0000	-3.0849
948	1	Stage DL-C: DL-	-0.2013	-2.6372	-2.3675	2.2346	1.9650	0.0000	0.0000	-2.6372
950	0	Stage DL-C: DL-	-1.0423	4.4497	3.8188	-6.5344	-5.9034	0.0000	0.0000	-6.5344
950	1	Stage DL-C: DL-	-1.0423	1.3648	-0.0318	-3.4696	-2.0630	0.0000	0.0000	-3.4696
951	0	Stage DL-C: DL-	1.0356	3.0503	3.3015	-0.9791	-1.2304	0.0000	0.0000	3.3015
951	1	Stage DL-C: DL-	1.0356	-0.3674	0.2181	2.4586	1.8531	0.0000	0.0000	2.4586
952	0	Stage DL-C: DL-	0.3715	0.6827	0.5123	-0.1440	0.0000	0.0000	0.0000	0.6827
952	1	Stage DL-C: DL-	0.3493	0.6085	0.2028	0.2928	0.0000	0.0000	0.0000	0.6085
953	0	Stage DL-C: DL-	-0.4517	-0.9093	-1.2938	1.1682	0.0000	0.0000	0.0000	-1.2938
953	1	Stage DL-C: DL-	-0.4295	0.3687	0.0440	-1.8815	0.0000	0.0000	0.0000	-1.8815
954	0	Stage DL-C: DL-	0.1139	-0.0515	-0.0515	0.1632	0.1632	0.0000	0.0000	0.1632
954	1	Stage DL-C: DL-	0.1136	-0.0030	-0.0030	0.1629	0.1629	0.0000	0.0000	0.1629
955	0	Stage DL-C: DL-	-0.3369	0.0710	0.0710	-0.5111	-0.5111	0.0000	0.0000	-0.5111
955	1	Stage DL-C: DL-	-0.3369	-0.3307	-0.3307	-0.3424	-0.3424	0.0000	0.0000	-0.3424
957	0	Stage DL-C: DL-	-2.5635	2.2944	1.0830	-7.4214	-6.2100	0.0000	0.0000	-7.4214
957	1	Stage DL-C: DL-	-2.5635	-1.7464	-0.4438	-3.3805	-4.6830	0.0000	0.0000	-4.6830
958	0	Stage DL-C: DL-	2.2998	3.2277	3.6872	1.3718	0.8421	0.0000	0.0000	3.6872
958	1	Stage DL-C: DL-	2.2998	1.4634	0.4451	3.1358	4.1542	0.0000	0.0000	4.1542
960	0	Stage DL-C: DL-	-3.6258	0.8083	2.1090	-8.0599	-9.3607	0.0000	0.0000	-9.3607

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
960	1	Stage DL-C: DL-	-3.6258	-3.4091	-1.5291	-3.8455	-5.7226	0.0000	0.0000	-5.7226
961	0	Stage DL-C: DL-	3.2433	5.7926	4.7753	0.6940	1.7113	0.0000	0.0000	5.7926
961	1	Stage DL-C: DL-	3.2433	2.4277	0.8413	4.0589	5.6455	0.0000	0.0000	5.6455
963	0	Stage DL-C: DL-	-4.7141	-0.7977	1.0760	-8.6306	-10.5042	0.0000	0.0000	-10.5042
963	1	Stage DL-C: DL-	-4.7141	-3.5817	-3.2584	-5.8868	-6.1688	0.0000	0.0000	-6.1688
964	0	Stage DL-C: DL-	4.1809	8.7996	5.2149	1.5623	3.1669	0.0000	0.0000	8.7996
964	1	Stage DL-C: DL-	4.1809	2.6470	2.3601	5.4349	6.0017	0.0000	0.0000	6.0017
966	0	Stage DL-C: DL-	-9.8582	-1.4676	-1.1685	-9.8508	-10.1489	0.0000	0.0000	-10.1489
966	1	Stage DL-C: DL-	-9.8582	-1.1551	-0.8313	-10.1632	-9.4969	0.0000	0.0000	-10.1632
967	0	Stage DL-C: DL-	5.0003	8.8860	6.1037	3.3027	3.8970	0.0000	0.0000	8.8860
967	1	Stage DL-C: DL-	5.0003	3.0816	5.4624	6.9391	4.5083	0.0000	0.0000	6.9391
968	0	Stage DL-C: DL-	0.8103	1.2513	0.9363	0.5307	0.0000	0.0000	0.0000	1.2513
968	1	Stage DL-C: DL-	0.8861	1.2372	0.7719	0.8995	0.0000	0.0000	0.0000	1.2372
969	0	Stage DL-C: DL-	-0.9513	-1.1892	-1.5572	0.1023	0.0000	0.0000	0.0000	-1.5572
969	1	Stage DL-C: DL-	-0.8293	-0.2675	-0.7437	-1.8472	0.0000	0.0000	0.0000	-1.8472
970	0	Stage DL-C: DL-	0.5150	0.0386	0.0386	0.7151	0.7151	0.0000	0.0000	0.7151
970	1	Stage DL-C: DL-	0.5150	0.5088	0.5088	0.5176	0.5176	0.0000	0.0000	0.5176
971	0	Stage DL-C: DL-	-0.7408	-0.1107	-0.1107	-1.0055	-1.0055	0.0000	0.0000	-1.0055
971	1	Stage DL-C: DL-	-0.7408	-0.8150	-0.8150	-0.7096	-0.7096	0.0000	0.0000	-0.8150
973	0	Stage DL-C: DL-	-8.5751	-0.5888	-5.1795	-12.5514	-7.9707	0.0000	0.0000	-12.5514
973	1	Stage DL-C: DL-	-8.5751	-5.3008	-3.5534	-7.8486	-9.5868	0.0000	0.0000	-9.5868
974	0	Stage DL-C: DL-	5.7658	5.2061	7.7365	6.3255	3.7951	0.0000	0.0000	7.7365
974	1	Stage DL-C: DL-	5.7658	5.8753	4.2548	5.9063	7.2751	0.0000	0.0000	7.2751
976	0	Stage DL-C: DL-	-7.1295	-3.9369	-2.1867	-10.3220	-12.0692	0.0000	0.0000	-12.0692
976	1	Stage DL-C: DL-	-7.1295	-7.0767	-3.0661	-7.1822	-11.1929	0.0000	0.0000	-11.1929
977	0	Stage DL-C: DL-	6.2574	8.1249	6.5057	4.3900	6.0082	0.0000	0.0000	8.1249
977	1	Stage DL-C: DL-	6.2574	7.0783	3.8853	5.4266	8.6496	0.0000	0.0000	8.6496
979	0	Stage DL-C: DL-	-7.8565	-6.8075	-1.7983	-9.5054	-13.5146	0.0000	0.0000	-13.5146
979	1	Stage DL-C: DL-	-7.8565	-6.5822	-4.2775	-8.7307	-11.0354	0.0000	0.0000	-11.0354
980	0	Stage DL-C: DL-	6.7171	9.1964	8.9642	4.2379	7.4481	0.0000	0.0000	9.1964
980	1	Stage DL-C: DL-	6.7171	7.0685	5.0197	6.3657	8.4148	0.0000	0.0000	8.4148
982	0	Stage DL-C: DL-	-8.0850	-5.6594	-3.3581	-10.8108	-12.8119	0.0000	0.0000	-12.8119
982	1	Stage DL-C: DL-	-8.0850	-3.3476	-7.5868	-12.8223	-8.5714	0.0000	0.0000	-12.8223
983	0	Stage DL-C: DL-	7.0696	8.6839	8.9469	5.4457	7.4824	0.0000	0.0000	8.6839

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
983	1	Stage DL-C: DL-	7.0696	5.8187	7.8744	8.3206	6.2549	0.0000	0.0000	8.3206
984	0	Stage DL-C: DL-	0.9758	1.0048	0.6788	1.3602	0.0000	0.0000	0.0000	1.3602
984	1	Stage DL-C: DL-	0.9536	1.3584	0.8589	0.6796	0.0000	0.0000	0.0000	1.3584
985	0	Stage DL-C: DL-	-0.9759	-0.6401	-1.2408	-0.7462	0.0000	0.0000	0.0000	-1.2408
985	1	Stage DL-C: DL-	-0.9584	-0.3097	-0.8323	-1.7744	0.0000	0.0000	0.0000	-1.7744
986	0	Stage DL-C: DL-	0.8398	0.1349	0.1349	0.8521	0.8521	0.0000	0.0000	0.8521
986	1	Stage DL-C: DL-	0.8398	0.8115	0.8115	0.8518	0.8518	0.0000	0.0000	0.8518
987	0	Stage DL-C: DL-	-0.8379	-0.1835	-0.1835	-1.1129	-1.1129	0.0000	0.0000	-1.1129
987	1	Stage DL-C: DL-	-0.8379	-0.8008	-0.8008	-0.8158	-0.8158	0.0000	0.0000	-0.8906
989	0	Stage DL-C: DL-	-8.3412	-3.1842	-7.1723	-13.4982	-9.3101	0.0000	0.0000	-13.4982
989	1	Stage DL-C: DL-	-8.3412	-5.9642	-4.8727	-10.7182	-11.7086	0.0000	0.0000	-11.7086
990	0	Stage DL-C: DL-	7.3102	8.3968	8.4850	6.2218	9.1554	0.0000	0.0000	9.4850
990	1	Stage DL-C: DL-	7.3102	7.8808	6.7593	6.7596	7.8311	0.0000	0.0000	7.8808
992	0	Stage DL-C: DL-	-8.3739	-5.8255	-4.8328	-10.8222	-11.8149	0.0000	0.0000	-11.8149
992	1	Stage DL-C: DL-	-8.3739	-5.8276	-4.8511	-10.8201	-11.8966	0.0000	0.0000	-11.8966
993	0	Stage DL-C: DL-	7.3357	7.8745	6.9020	6.8675	7.7895	0.0000	0.0000	7.8745
993	1	Stage DL-C: DL-	7.3357	7.8769	6.8864	6.8945	7.7750	0.0000	0.0000	7.8769
995	0	Stage DL-C: DL-	-8.3620	-5.8090	-4.8339	-10.8151	-11.7902	0.0000	0.0000	-11.7902
995	1	Stage DL-C: DL-	-8.3620	-3.3078	-7.3445	-13.4184	-9.3796	0.0000	0.0000	-13.4184
996	0	Stage DL-C: DL-	7.2858	7.7976	6.7181	6.7940	7.6726	0.0000	0.0000	7.6726
996	1	Stage DL-C: DL-	7.2858	8.5053	6.5474	8.0864	6.0442	0.0000	0.0000	8.5474
997	0	Stage DL-C: DL-	0.9758	1.2754	0.9473	0.7158	0.0000	0.0000	0.0000	1.2754
997	1	Stage DL-C: DL-	0.9536	1.4057	0.9061	0.9672	0.0000	0.0000	0.0000	1.4057
999	0	Stage DL-C: DL-	-0.8793	-0.7118	-1.1037	-1.0719	0.0000	0.0000	0.0000	-1.1037
999	1	Stage DL-C: DL-	-0.9561	-0.7345	-1.2571	-0.7624	0.0000	0.0000	0.0000	-1.2571
989	0	Stage DL-C: DL-	0.8403	0.1350	0.1350	0.8526	0.8526	0.0000	0.0000	0.8526
989	1	Stage DL-C: DL-	0.8403	0.8122	0.8122	0.8521	0.8521	0.0000	0.0000	0.8521
1000	0	Stage DL-C: DL-	-0.8378	-0.1839	-0.1839	-1.1125	-1.1125	0.0000	0.0000	-1.1125
1000	1	Stage DL-C: DL-	-0.8378	-0.8000	-0.8000	-0.8158	-0.8158	0.0000	0.0000	-0.8900
1002	0	Stage DL-C: DL-	-8.0857	-5.2202	-7.4323	-12.8111	-8.8861	0.0000	0.0000	-12.8111
1002	1	Stage DL-C: DL-	-8.0857	-5.7190	-3.3977	-10.4123	-12.7336	0.0000	0.0000	-12.7336
1003	0	Stage DL-C: DL-	7.0825	8.7129	7.7979	6.4522	8.3773	0.0000	0.0000	8.4522
1003	1	Stage DL-C: DL-	7.0825	8.7546	6.7179	6.4105	7.4471	0.0000	0.0000	8.7546
1005	0	Stage DL-C: DL-	-7.6574	-6.5865	-4.2618	-8.7263	-11.0530	0.0000	0.0000	-11.0530

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1005	1	Stage DL-C: DL-	-7.6574	-5.8108	-1.8017	-9.5042	-13.5131	0.0000	0.0000	-13.5131
1006	0	Stage DL-C: DL-	6.7155	7.0830	8.0242	6.3680	5.4068	0.0000	0.0000	8.4068
1006	1	Stage DL-C: DL-	6.7155	9.1944	5.9842	4.2366	7.4468	0.0000	0.0000	9.1944
1008	0	Stage DL-C: DL-	-7.1316	-7.0764	-3.0661	-7.1868	-11.1971	0.0000	0.0000	-11.1971
1008	1	Stage DL-C: DL-	-7.1316	-3.9348	-2.2085	-10.3284	-12.0537	0.0000	0.0000	-12.0537
1009	0	Stage DL-C: DL-	6.2559	7.0751	3.8641	5.4367	8.6477	0.0000	0.0000	8.6477
1009	1	Stage DL-C: DL-	6.2559	8.1278	6.4978	4.3841	6.0143	0.0000	0.0000	8.1278
1011	0	Stage DL-C: DL-	-6.5878	-5.2431	-3.5176	-7.9520	-9.6773	0.0000	0.0000	-9.6773
1011	1	Stage DL-C: DL-	-6.5878	-0.7388	-5.3523	-12.4686	-7.8428	0.0000	0.0000	-12.4686
1012	0	Stage DL-C: DL-	5.7498	5.8119	4.1818	5.8879	7.3177	0.0000	0.0000	7.3177
1012	1	Stage DL-C: DL-	5.7498	5.3107	7.8180	6.1856	3.8815	0.0000	0.0000	7.8180
1013	0	Stage DL-C: DL-	0.8104	0.6772	0.5640	1.4218	0.0000	0.0000	0.0000	1.4218
1013	1	Stage DL-C: DL-	0.5882	1.3477	0.8625	0.4068	0.0000	0.0000	0.0000	1.3477
1014	0	Stage DL-C: DL-	-0.9513	-0.3429	-0.7306	-1.8645	0.0000	0.0000	0.0000	-1.8645
1014	1	Stage DL-C: DL-	-0.8391	-0.7881	-1.2646	-0.6070	0.0000	0.0000	0.0000	-1.2646
1015	0	Stage DL-C: DL-	0.5159	0.0368	0.0368	0.7157	0.7157	0.0000	0.0000	0.7157
1015	1	Stage DL-C: DL-	0.5159	0.5094	0.5094	0.5160	0.5160	0.0000	0.0000	0.5160
1016	0	Stage DL-C: DL-	-0.7408	-0.1110	-0.1110	-1.3054	-1.3054	0.0000	0.0000	-1.3054
1016	1	Stage DL-C: DL-	-0.7408	-0.8149	-0.8149	-0.7067	-0.7067	0.0000	0.0000	-0.8149
1018	0	Stage DL-C: DL-	-0.8415	-1.0308	-5.6651	-10.2523	-5.8179	0.0000	0.0000	-10.2523
1018	1	Stage DL-C: DL-	-0.8415	-1.5307	-1.3080	-9.7523	-10.0750	0.0000	0.0000	-10.0750
1019	0	Stage DL-C: DL-	5.0116	2.9537	5.4045	7.0695	4.8188	0.0000	0.0000	7.0695
1019	1	Stage DL-C: DL-	5.0116	6.7269	6.1741	3.2987	3.8492	0.0000	0.0000	6.7269
1021	0	Stage DL-C: DL-	-4.7168	-3.5696	-3.2427	-5.8941	-6.1910	0.0000	0.0000	-6.1910
1021	1	Stage DL-C: DL-	-4.7168	-0.8036	1.0722	-8.6269	-10.5059	0.0000	0.0000	-10.5059
1022	0	Stage DL-C: DL-	4.1879	2.9388	2.3837	5.4064	5.9815	0.0000	0.0000	5.9815
1022	1	Stage DL-C: DL-	4.1879	6.7951	5.2121	1.5801	3.1631	0.0000	0.0000	6.7951
1024	0	Stage DL-C: DL-	-3.6298	-3.4090	-1.5296	-3.8926	-5.7299	0.0000	0.0000	-5.7299
1024	1	Stage DL-C: DL-	-3.6298	0.8084	2.0878	-8.0679	-9.3473	0.0000	0.0000	-9.3473
1025	0	Stage DL-C: DL-	3.2401	2.4240	0.8391	4.0662	5.6411	0.0000	0.0000	5.6411
1025	1	Stage DL-C: DL-	3.2401	5.7937	4.7658	0.6866	1.7145	0.0000	0.0000	5.7937
1027	0	Stage DL-C: DL-	-2.5879	-1.6909	-0.4094	-3.4849	-4.7665	0.0000	0.0000	-4.7665
1027	1	Stage DL-C: DL-	-2.5879	2.1651	0.9068	-7.3410	-8.0828	0.0000	0.0000	-7.3410
1028	0	Stage DL-C: DL-	2.2818	1.3975	0.3686	3.1961	4.1950	0.0000	0.0000	4.1950

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1028	1	Stage DL-C: DL-	2.2818	3.3320	4.0366	1.2317	0.5270	0.0000	0.0000	4.0366
1029	0	Stage DL-C: DL-	0.3718	0.1710	-0.0098	1.0992	0.0000	0.0000	0.0000	1.0992
1029	1	Stage DL-C: DL-	0.3496	0.8156	0.4101	-0.1958	0.0000	0.0000	0.0000	0.8156
1030	0	Stage DL-C: DL-	-0.4518	0.3911	0.0070	-1.9274	0.0000	0.0000	0.0000	-1.9274
1030	1	Stage DL-C: DL-	-0.4294	-0.6379	-0.9628	0.5152	0.0000	0.0000	0.0000	-0.9628
1031	0	Stage DL-C: DL-	0.1134	-0.0522	-0.0523	0.1630	0.1630	0.0000	0.0000	0.1630
1031	1	Stage DL-C: DL-	0.1134	-0.0029	-0.0029	0.1623	0.1623	0.0000	0.0000	0.1623
1032	0	Stage DL-C: DL-	-0.3364	0.0710	0.0710	-0.5103	-0.5103	0.0000	0.0000	-0.5103
1032	1	Stage DL-C: DL-	-0.3364	-0.3300	-0.3300	-0.3419	-0.3419	0.0000	0.0000	-0.3419
1034	0	Stage DL-C: DL-	-1.0367	1.5065	0.1423	-3.5819	-2.1957	0.0000	0.0000	-3.5819
1034	1	Stage DL-C: DL-	-1.0367	4.3862	3.7756	-6.4395	-5.8290	0.0000	0.0000	-6.4395
1035	0	Stage DL-C: DL-	1.0453	-0.4863	0.1274	2.5870	1.9633	0.0000	0.0000	2.5870
1035	1	Stage DL-C: DL-	1.0453	3.1274	3.3704	-1.0187	-1.2797	0.0000	0.0000	3.3704
1037	0	Stage DL-C: DL-	0.4083	0.9137	0.3058	-0.0872	0.5107	0.0000	0.0000	0.9137
1037	1	Stage DL-C: DL-	0.4083	8.8981	8.4536	-8.0796	-8.6373	0.0000	0.0000	8.8981
1038	0	Stage DL-C: DL-	-0.2061	-2.8465	-2.3852	2.2344	1.9731	0.0000	0.0000	-2.8465
1038	1	Stage DL-C: DL-	-0.2061	2.5584	2.6552	-2.8757	-3.0703	0.0000	0.0000	-3.0703
1040	0	Stage DL-C: DL-	2.1667	2.1355	1.8059	2.1979	2.5274	0.0000	0.0000	2.5274
1040	1	Stage DL-C: DL-	2.1667	8.8752	9.0068	-4.3428	-4.5732	0.0000	0.0000	9.0068
1041	0	Stage DL-C: DL-	-1.8625	-4.1713	-4.0728	0.8483	0.7479	0.0000	0.0000	-4.1713
1041	1	Stage DL-C: DL-	-1.8625	1.8823	1.2555	-5.0173	-4.5806	0.0000	0.0000	-5.0173
1043	0	Stage DL-C: DL-	3.8871	4.1803	4.4947	3.6338	3.2995	0.0000	0.0000	4.4947
1043	1	Stage DL-C: DL-	3.8871	7.5674	10.4590	0.2208	-2.8648	0.0000	0.0000	10.4590
1044	0	Stage DL-C: DL-	-3.1024	-4.6328	-5.3717	-1.2721	-0.8332	0.0000	0.0000	-5.3717
1044	1	Stage DL-C: DL-	-3.1024	-0.0681	-2.0313	-6.1368	-4.1736	0.0000	0.0000	-6.1368
1045	0	Stage DL-C: DL-	-0.5322	-0.9503	-1.3353	0.8843	0.0000	0.0000	0.0000	-1.3353
1045	1	Stage DL-C: DL-	-0.5544	-0.0809	-0.3036	-1.3613	0.0000	0.0000	0.0000	-1.3613
1046	0	Stage DL-C: DL-	0.3686	1.5467	1.1518	-1.8905	0.0000	0.0000	0.0000	-1.8905
1046	1	Stage DL-C: DL-	0.3908	-0.2179	-0.3914	2.0793	0.0000	0.0000	0.0000	2.0793
1047	0	Stage DL-C: DL-	-0.2015	-0.2746	-0.2746	-0.1709	-0.1709	0.0000	0.0000	-0.2746
1047	1	Stage DL-C: DL-	-0.2015	-0.4208	-0.4208	-0.1094	-0.1094	0.0000	0.0000	-0.4208
1048	0	Stage DL-C: DL-	0.1409	0.1874	0.1874	0.1172	0.1172	0.0000	0.0000	0.1874
1048	1	Stage DL-C: DL-	0.1409	0.3634	0.3634	0.0474	0.0474	0.0000	0.0000	0.3634
1050	0	Stage DL-C: DL-	6.1623	6.4222	6.1498	5.9024	5.1760	0.0000	0.0000	6.1498

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/cm²)	Normal Stress @ Point 1 (kgs/cm²)	Normal Stress @ Point 2 (kgs/cm²)	Normal Stress @ Point 3 (kgs/cm²)	Normal Stress @ Point 4 (kgs/cm²)	Normal Stress @ Point 5 (kgs/cm²)	Normal Stress @ Point 6 (kgs/cm²)	Max ABS Total Stress (kgs/cm²)
1050	1	Stage DL-C: DL-	6.1623	13.0388	9.8164	-0.6852	2.4082	0.0000	0.0000	13.0388
1051	0	Stage DL-C: DL-	-4.8753	-5.0718	-7.1244	-4.6787	-2.6262	0.0000	0.0000	-7.1244
1051	1	Stage DL-C: DL-	-4.8753	-3.3808	-1.6068	-6.3701	-6.0539	0.0000	0.0000	-6.3539
1053	0	Stage DL-C: DL-	5.1687	3.4145	1.8604	6.8229	8.4759	0.0000	0.0000	8.4759
1053	1	Stage DL-C: DL-	5.1687	9.4792	7.0982	0.8581	3.2391	0.0000	0.0000	9.4792
1054	0	Stage DL-C: DL-	-6.1830	-9.3758	-7.8916	-2.9904	-4.6744	0.0000	0.0000	-9.3758
1054	1	Stage DL-C: DL-	-6.1830	-4.3825	-1.3284	-7.9835	-11.0396	0.0000	0.0000	-11.0396
1056	0	Stage DL-C: DL-	6.7778	7.8435	5.2832	5.9122	8.2924	0.0000	0.0000	8.2924
1056	1	Stage DL-C: DL-	6.7778	10.3082	9.4978	3.2475	4.0581	0.0000	0.0000	10.3082
1057	0	Stage DL-C: DL-	-7.8418	-11.9667	-8.9143	-3.7169	-6.7693	0.0000	0.0000	-11.9667
1057	1	Stage DL-C: DL-	-7.8418	-5.2811	-3.9546	-10.4225	-11.7290	0.0000	0.0000	-11.7290
1058	0	Stage DL-C: DL-	8.8181	8.7746	7.9686	8.2618	9.0697	0.0000	0.0000	9.0697
1058	1	Stage DL-C: DL-	8.8181	8.3175	12.5203	8.7187	4.5159	0.0000	0.0000	12.5203
1060	0	Stage DL-C: DL-	-9.3434	-12.1288	-10.8257	-6.5560	-7.8611	0.0000	0.0000	-12.1288
1060	1	Stage DL-C: DL-	-9.3434	-4.8469	-6.2286	-13.8389	-9.4562	0.0000	0.0000	-13.8389
1061	0	Stage DL-C: DL-	-3.2009	-3.8589	-3.0829	-2.9047	0.0000	0.0000	0.0000	-3.8589
1061	1	Stage DL-C: DL-	-3.2231	-2.4094	-3.5405	-3.5967	0.0000	0.0000	0.0000	-3.5967
1062	0	Stage DL-C: DL-	-0.1142	0.9245	-0.3600	-0.7859	0.0000	0.0000	0.0000	0.9245
1062	1	Stage DL-C: DL-	-0.0918	-0.7443	0.0334	0.3673	0.0000	0.0000	0.0000	-0.7443
1063	0	Stage DL-C: DL-	0.1962	0.6678	0.6678	-0.0018	-0.0018	0.0000	0.0000	0.6678
1063	1	Stage DL-C: DL-	0.1962	-0.4854	-0.4854	0.4826	0.4826	0.0000	0.0000	-0.4854
1064	0	Stage DL-C: DL-	0.7604	0.4667	0.4667	0.8830	0.8830	0.0000	0.0000	0.8830
1064	1	Stage DL-C: DL-	0.7604	1.3329	1.3329	0.5199	0.5199	0.0000	0.0000	1.3329
1066	0	Stage DL-C: DL-	8.8873	9.3904	12.5598	8.9642	4.5159	0.0000	0.0000	12.5598
1066	1	Stage DL-C: DL-	8.8873	9.3200	8.3248	8.0547	9.0499	0.0000	0.0000	9.3200
1067	0	Stage DL-C: DL-	-9.5323	-5.8221	-10.0674	-13.4425	-8.8972	0.0000	0.0000	-13.4425
1067	1	Stage DL-C: DL-	-9.5323	-11.7751	-10.2368	-7.2865	-8.8278	0.0000	0.0000	-11.7751
1068	0	Stage DL-C: DL-	7.2550	10.4835	9.4874	4.0265	5.0226	0.0000	0.0000	10.4835
1068	1	Stage DL-C: DL-	7.2550	8.8599	6.0342	5.8500	8.4759	0.0000	0.0000	8.8599
1070	0	Stage DL-C: DL-	-6.4047	-6.8084	-5.0691	-10.1889	-11.7402	0.0000	0.0000	-11.7402
1070	1	Stage DL-C: DL-	-6.4047	-12.0408	-8.6191	-4.7688	-6.1902	0.0000	0.0000	-12.0408
1072	0	Stage DL-C: DL-	5.9578	10.0760	7.4508	1.8395	4.4650	0.0000	0.0000	10.0760
1072	1	Stage DL-C: DL-	5.9578	4.5916	2.9898	7.3240	8.9457	0.0000	0.0000	8.9457
1073	0	Stage DL-C: DL-	-7.1381	-6.2483	-2.8268	-8.0279	-11.4484	0.0000	0.0000	-11.4484

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kgs/cm²)	Normal Stress @ Point 1 (kgs/cm²)	Normal Stress @ Point 2 (kgs/cm²)	Normal Stress @ Point 3 (kgs/cm²)	Normal Stress @ Point 4 (kgs/cm²)	Normal Stress @ Point 5 (kgs/cm²)	Normal Stress @ Point 6 (kgs/cm²)	Max ABS Total Stress (kgs/cm²)
1073	1	Stage DL-C: DL-	-7.1381	-9.5706	-7.7575	-4.7056	-6.5687	0.0000	0.0000	-9.5706
1075	0	Stage DL-C: DL-	7.9186	14.7640	11.5293	1.0732	4.3079	0.0000	0.0000	14.7640
1075	1	Stage DL-C: DL-	7.9186	7.8169	11.8353	8.2203	4.2019	0.0000	0.0000	11.8353
1076	0	Stage DL-C: DL-	-6.2784	-5.8125	-3.7532	-6.9442	-8.8035	0.0000	0.0000	-8.8035
1076	1	Stage DL-C: DL-	-6.2784	-5.5683	-8.1182	-6.9885	-4.4375	0.0000	0.0000	-8.1182
1077	0	Stage DL-C: DL-	-0.7921	-0.0146	-0.4261	-2.0749	0.0000	0.0000	0.0000	-2.0749
1077	1	Stage DL-C: DL-	-0.8144	-0.8200	-1.0669	-0.3580	0.0000	0.0000	0.0000	-1.0665
1078	0	Stage DL-C: DL-	0.5984	0.1062	-0.2872	2.2853	0.0000	0.0000	0.0000	2.2853
1078	1	Stage DL-C: DL-	0.8206	1.2668	1.1480	-0.7535	0.0000	0.0000	0.0000	1.2668
1079	0	Stage DL-C: DL-	-0.4131	-0.4319	-0.4319	-0.4053	-0.4053	0.0000	0.0000	-0.4319
1079	1	Stage DL-C: DL-	-0.4131	-0.6456	-0.6459	-0.3155	-0.3155	0.0000	0.0000	-0.6456
1080	0	Stage DL-C: DL-	0.3487	0.2780	0.2780	0.3785	0.3785	0.0000	0.0000	0.3785
1080	1	Stage DL-C: DL-	0.3487	0.6314	0.6314	0.2300	0.2300	0.0000	0.0000	0.6314
1082	0	Stage DL-C: DL-	8.2018	8.9693	13.0827	3.4039	-0.6795	0.0000	0.0000	13.0827
1082	1	Stage DL-C: DL-	8.2018	7.4679	7.1104	4.9054	5.2927	0.0000	0.0000	7.4679
1083	0	Stage DL-C: DL-	-4.8142	-2.1214	-4.8347	-7.7070	-5.1837	0.0000	0.0000	-7.7070
1083	1	Stage DL-C: DL-	-4.8142	-6.4296	-5.1248	-3.3967	-3.8968	0.0000	0.0000	-6.4296
1085	0	Stage DL-C: DL-	4.8563	10.8585	10.4704	-1.1469	-0.7577	0.0000	0.0000	10.8595
1085	1	Stage DL-C: DL-	4.8563	6.3751	4.4068	5.3376	5.0760	0.0000	0.0000	6.3751
1086	0	Stage DL-C: DL-	-3.8529	-1.5401	-1.2375	-6.1858	-6.4663	0.0000	0.0000	-6.4663
1086	1	Stage DL-C: DL-	-3.8529	-6.2032	-4.9036	-1.5027	-2.8022	0.0000	0.0000	-6.2032
1088	0	Stage DL-C: DL-	3.5401	10.0914	8.3528	-3.0111	-1.2729	0.0000	0.0000	10.0914
1088	1	Stage DL-C: DL-	3.5401	4.8331	3.6646	2.3472	3.4157	0.0000	0.0000	4.8331
1089	0	Stage DL-C: DL-	-2.7793	-1.2290	0.0706	-4.3276	-5.6271	0.0000	0.0000	-5.6271
1089	1	Stage DL-C: DL-	-2.7793	-4.8540	-3.8034	-0.7025	-1.8531	0.0000	0.0000	-4.8540
1091	0	Stage DL-C: DL-	3.3686	8.0674	6.9015	-3.2701	-2.1042	0.0000	0.0000	8.0674
1091	1	Stage DL-C: DL-	3.3686	3.7890	4.5574	1.0062	0.2368	0.0000	0.0000	4.5574
1092	0	Stage DL-C: DL-	-1.8818	-0.7243	0.2245	-3.0390	-3.9878	0.0000	0.0000	-3.9878
1092	1	Stage DL-C: DL-	-1.8818	-2.2497	-2.5817	-1.5135	-1.1815	0.0000	0.0000	-2.5817
1093	0	Stage DL-C: DL-	-0.0744	0.5334	0.1488	-0.9803	0.0000	0.0000	0.0000	-0.9803
1093	1	Stage DL-C: DL-	-0.0968	-0.0437	-0.2645	0.0625	0.0000	0.0000	0.0000	-0.2645
1094	0	Stage DL-C: DL-	-0.0259	-0.3022	-0.6369	1.0935	0.0000	0.0000	0.0000	1.0935
1094	1	Stage DL-C: DL-	-0.0036	0.8589	0.4267	-1.2600	0.0000	0.0000	0.0000	-1.2600
1095	0	Stage DL-C: DL-	-0.2373	-0.4550	-0.4550	-0.1318	-0.1318	0.0000	0.0000	-0.4550

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1095	1	Stage DL-C: DL-	-0.2273	-0.2928	-0.2928	-0.1666	-0.1666	0.0000	0.0000	-0.2928
1096	0	Stage DL-C: DL-	0.0778	0.2458	0.2458	0.0068	0.0068	0.0000	0.0000	0.2458
1096	1	Stage DL-C: DL-	0.0778	0.1958	0.1958	0.0279	0.0279	0.0000	0.0000	0.1958
1096	0	Stage DL-C: DL-	1.2629	5.1276	5.9578	-2.6019	-3.4320	0.0000	0.0000	5.9578
1096	1	Stage DL-C: DL-	1.2629	2.7942	3.2252	-0.2684	-0.6994	0.0000	0.0000	3.2252
1099	0	Stage DL-C: DL-	-0.8377	0.0864	-0.2285	-1.9648	-1.8468	0.0000	0.0000	-1.9648
1099	1	Stage DL-C: DL-	-0.8377	-1.6823	-1.6624	-0.1830	-0.2129	0.0000	0.0000	-1.6823
1101	0	Stage DL-C: DL-	0.4362	4.9712	5.4013	-4.0968	-4.5268	0.0000	0.0000	5.4013
1101	1	Stage DL-C: DL-	0.4362	1.9091	2.1630	-1.0367	-1.2906	0.0000	0.0000	2.1630
1102	0	Stage DL-C: DL-	-0.3029	1.2297	1.2802	-1.8350	-1.8855	0.0000	0.0000	-1.8855
1102	1	Stage DL-C: DL-	-0.3029	-1.3332	-1.2989	0.7379	0.6018	0.0000	0.0000	-1.3332
1104	0	Stage DL-C: DL-	-0.3106	4.0312	4.2858	-4.8025	-4.9071	0.0000	0.0000	-4.9071
1104	1	Stage DL-C: DL-	-0.3106	1.6831	1.8239	-2.3044	-2.1446	0.0000	0.0000	-2.3044
1105	0	Stage DL-C: DL-	0.3228	1.5591	1.6846	-0.9135	-1.0392	0.0000	0.0000	1.6846
1105	1	Stage DL-C: DL-	0.3228	-0.6016	-0.3809	1.3471	1.0065	0.0000	0.0000	1.3471
1107	0	Stage DL-C: DL-	-0.8266	3.1312	3.9717	-4.9844	-4.6246	0.0000	0.0000	-4.9844
1107	1	Stage DL-C: DL-	-0.8266	2.1786	0.8206	-4.0317	-2.7737	0.0000	0.0000	-4.0317
1108	0	Stage DL-C: DL-	0.7667	1.5699	1.8308	0.0078	-0.2331	0.0000	0.0000	1.8308
1108	1	Stage DL-C: DL-	0.7667	0.5212	0.8053	1.2763	0.8722	0.0000	0.0000	1.2763
1109	0	Stage DL-C: DL-	0.2309	0.3182	0.1348	0.2763	0.0000	0.0000	0.0000	0.3182
1109	1	Stage DL-C: DL-	0.2087	0.8066	0.1984	-0.1748	0.0005	0.0000	0.0000	0.8066
1110	0	Stage DL-C: DL-	-0.2981	-0.3847	-0.7837	0.4013	0.0000	0.0000	0.0000	-0.7837
1110	1	Stage DL-C: DL-	-0.2758	0.2310	-0.1037	-1.0204	0.0000	0.0000	0.0000	-1.0204
1111	0	Stage DL-C: DL-	0.0619	-0.0484	-0.0484	0.1082	0.1082	0.0000	0.0000	0.1082
1111	1	Stage DL-C: DL-	0.0619	-0.1218	-0.1218	0.1391	0.1391	0.0000	0.0000	0.1391
1112	0	Stage DL-C: DL-	-0.2412	0.1078	0.1078	-0.3878	-0.3878	0.0000	0.0000	-0.3878
1112	1	Stage DL-C: DL-	-0.2412	-0.1745	-0.1745	-0.2892	-0.2892	0.0000	0.0000	-0.2892
1114	0	Stage DL-C: DL-	-1.4143	2.7138	1.5854	-5.5425	-4.4141	0.0000	0.0000	-5.5425
1114	1	Stage DL-C: DL-	-1.4143	0.9377	1.4406	-3.7663	-4.2695	0.0000	0.0000	-4.2695
1115	0	Stage DL-C: DL-	1.2418	1.3030	1.9867	1.1801	0.5164	0.0000	0.0000	1.9867
1115	1	Stage DL-C: DL-	1.2418	1.2346	1.0110	1.2485	1.4721	0.0000	0.0000	1.4721
1117	0	Stage DL-C: DL-	-1.6788	1.8887	2.1725	-5.0268	-5.5296	0.0000	0.0000	-5.5296
1117	1	Stage DL-C: DL-	-1.6788	0.5889	1.4473	-3.9259	-4.8045	0.0000	0.0000	-4.8045
1118	0	Stage DL-C: DL-	1.4478	2.1797	1.9561	0.7158	0.8394	0.0000	0.0000	2.1797

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1118	1	Stage DL-C: DL-	1.4478	1.5679	1.0250	1.3277	1.8706	0.0000	0.0000	1.8706
1120	0	Stage DL-C: DL-	-1.5843	1.0709	1.9485	-4.8394	-5.7170	0.0000	0.0000	-5.7170
1120	1	Stage DL-C: DL-	-1.5843	0.6352	1.1446	-4.6037	-4.9125	0.0000	0.0000	-4.9125
1121	0	Stage DL-C: DL-	1.8152	2.3405	1.7981	0.8898	1.4322	0.0000	0.0000	2.3405
1121	1	Stage DL-C: DL-	1.8152	1.7065	1.4842	1.5238	1.7361	0.0000	0.0000	1.7361
1123	0	Stage DL-C: DL-	-2.0327	1.1186	1.4257	-5.1841	-5.4913	0.0000	0.0000	-5.4913
1123	1	Stage DL-C: DL-	-2.0327	1.8624	-0.0036	-5.7479	-4.0819	0.0000	0.0000	-5.7479
1124	0	Stage DL-C: DL-	1.6840	2.0715	1.8603	1.3166	1.5278	0.0000	0.0000	2.0715
1134	1	Stage DL-C: DL-	1.6840	1.5043	2.3302	1.8639	1.2879	0.0000	0.0000	2.3302
1125	0	Stage DL-C: DL-	0.0449	0.0803	-0.2287	0.4071	0.0000	0.0000	0.0000	0.4071
1125	1	Stage DL-C: DL-	0.0227	0.5866	0.1329	-0.7054	0.0000	0.0000	0.0000	-0.7054
1126	0	Stage DL-C: DL-	-0.1331	-0.0851	-0.4886	0.2621	0.0000	0.0000	0.0000	-0.4886
1126	1	Stage DL-C: DL-	-0.1109	0.3583	-0.0836	-0.6177	0.0000	0.0000	0.0000	-0.6177
1127	0	Stage DL-C: DL-	0.2815	0.1438	0.1438	0.3394	0.3394	0.0000	0.0000	0.3394
1127	1	Stage DL-C: DL-	0.2815	-0.0381	-0.0381	0.4157	0.4157	0.0000	0.0000	0.4157
1128	0	Stage DL-C: DL-	-0.4528	-0.1588	-0.1588	-0.5759	-0.5759	0.0000	0.0000	-0.5759
1128	1	Stage DL-C: DL-	-0.4528	-0.2255	-0.2255	-0.5483	-0.5483	0.0000	0.0000	-0.5483
1130	0	Stage DL-C: DL-	-2.0472	1.7481	0.2190	-5.8405	-4.3134	0.0000	0.0000	-5.8405
1130	1	Stage DL-C: DL-	-2.0472	1.2348	1.6027	-5.3289	-5.6871	0.0000	0.0000	-5.6871
1131	0	Stage DL-C: DL-	1.4960	0.0060	0.8664	2.9636	2.1059	0.0000	0.0000	2.9636
1131	1	Stage DL-C: DL-	1.4960	4.1501	3.9259	-1.1562	-0.9340	0.0000	0.0000	4.1501
1133	0	Stage DL-C: DL-	-1.7367	0.5681	0.9378	-4.0424	-4.4112	0.0000	0.0000	-4.4112
1133	1	Stage DL-C: DL-	-1.7367	1.4841	2.3661	-4.9574	-5.0394	0.0000	0.0000	-5.0394
1134	0	Stage DL-C: DL-	1.6790	5.0844	4.8597	-1.7264	-1.5017	0.0000	0.0000	5.0844
1134	1	Stage DL-C: DL-	1.6790	9.3327	8.6895	-5.9747	-5.3313	0.0000	0.0000	9.3327
1136	0	Stage DL-C: DL-	-1.2814	0.3426	1.2444	-3.8258	-3.8272	0.0000	0.0000	-3.8272
1136	1	Stage DL-C: DL-	-1.2814	3.0126	3.5797	-6.5864	-6.1615	0.0000	0.0000	-6.1615
1137	0	Stage DL-C: DL-	1.0502	6.4089	5.7937	-4.3084	-3.9652	0.0000	0.0000	6.4089
1137	1	Stage DL-C: DL-	1.0502	8.0812	7.5833	-5.8807	-5.4628	0.0000	0.0000	8.0812
1139	0	Stage DL-C: DL-	-0.5078	1.1662	1.7262	-2.1806	-2.7448	0.0000	0.0000	-2.7448
1139	1	Stage DL-C: DL-	-0.5078	3.4419	2.8843	-4.4579	-3.9000	0.0000	0.0000	-4.4579
1140	0	Stage DL-C: DL-	0.5835	5.9436	5.4470	-4.7787	-4.2820	0.0000	0.0000	5.9436
1140	1	Stage DL-C: DL-	0.5835	6.4190	6.4066	-5.2520	-5.2397	0.0000	0.0000	6.4190
1141	0	Stage DL-C: DL-	-0.6067	-0.9311	-0.9360	0.1751	0.0000	0.0000	0.0000	-0.9360

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1141	1	Stage DL-C: DL-	-0.6289	0.1165	-0.9310	-1.5124	0.0000	0.0000	0.0000	-1.5124
1142	0	Stage DL-C: DL-	-0.5736	-1.0242	-1.6041	1.3683	0.0000	0.0000	0.0000	-1.6041
1142	1	Stage DL-C: DL-	-0.5514	-0.9564	-0.9739	-1.7054	0.0000	0.0000	0.0000	-1.7054
1143	0	Stage DL-C: DL-	0.2963	0.2103	0.2103	0.3324	0.3324	0.0000	0.0000	0.3324
1143	1	Stage DL-C: DL-	0.2963	0.0152	0.0152	0.4144	0.4144	0.0000	0.0000	0.4144
1144	0	Stage DL-C: DL-	0.1118	0.3433	0.3433	0.0145	0.0145	0.0000	0.0000	0.3433
1144	1	Stage DL-C: DL-	0.1118	0.2222	0.2222	0.0654	0.0654	0.0000	0.0000	0.2222
1146	0	Stage DL-C: DL-	-0.8763	-1.1321	-1.3462	0.0307	0.0000	0.0000	0.0000	-1.3462
1146	1	Stage DL-C: DL-	-0.8886	0.3079	-0.2682	-2.9837	0.0000	0.0000	0.0000	-2.9837
1147	0	Stage DL-C: DL-	-0.8040	0.8271	0.4692	-4.1923	0.0000	0.0000	0.0000	-4.1923
1147	1	Stage DL-C: DL-	-0.7818	-1.5011	-1.5099	0.9424	0.0000	0.0000	0.0000	-1.5099
1148	0	Stage DL-C: DL-	0.2922	-0.0925	-0.0925	0.4538	0.4538	0.0000	0.0000	0.4538
1148	1	Stage DL-C: DL-	0.2922	0.1919	0.1919	0.3343	0.3343	0.0000	0.0000	0.3343
1149	0	Stage DL-C: DL-	0.2620	0.1188	0.1188	0.3222	0.3222	0.0000	0.0000	0.3222
1149	1	Stage DL-C: DL-	0.2620	0.5079	0.5079	0.1587	0.1587	0.0000	0.0000	0.5079
1151	0	Stage DL-C: DL-	-0.4887	3.1733	3.3955	-4.1467	-4.3689	0.0000	0.0000	-4.3689
1151	1	Stage DL-C: DL-	-0.4887	1.0734	1.9728	-2.0456	-2.9462	0.0000	0.0000	-2.9462
1152	0	Stage DL-C: DL-	0.8636	6.2262	5.8488	-4.8869	-4.5215	0.0000	0.0000	6.2262
1152	1	Stage DL-C: DL-	0.8636	6.6788	5.8639	-5.3513	-4.5066	0.0000	0.0000	6.6788
1154	0	Stage DL-C: DL-	-1.4233	3.0624	3.9641	-5.9090	-6.8107	0.0000	0.0000	-6.8107
1154	1	Stage DL-C: DL-	-1.4233	0.0807	1.2867	-2.8073	-4.1333	0.0000	0.0000	-4.1333
1155	0	Stage DL-C: DL-	1.1050	6.6992	7.8940	-6.4792	-5.6640	0.0000	0.0000	6.6992
1155	1	Stage DL-C: DL-	1.1050	6.7366	5.8834	-4.5288	-3.6734	0.0000	0.0000	6.7366
1157	0	Stage DL-C: DL-	-1.8858	1.3556	2.5616	-5.1268	-6.3328	0.0000	0.0000	-6.3328
1157	1	Stage DL-C: DL-	-1.8858	0.8254	0.7919	-4.3966	-4.3631	0.0000	0.0000	-4.3631
1158	0	Stage DL-C: DL-	1.7630	9.8921	8.0387	-6.3262	-5.4707	0.0000	0.0000	9.8921
1158	1	Stage DL-C: DL-	1.7630	5.4006	5.1054	-1.8348	-1.5396	0.0000	0.0000	5.4006
1160	0	Stage DL-C: DL-	-2.1821	1.4475	1.8135	-5.8118	-5.8778	0.0000	0.0000	-5.8778
1160	1	Stage DL-C: DL-	-2.1821	1.5306	0.1477	-5.8947	-4.5118	0.0000	0.0000	-5.8947
1161	0	Stage DL-C: DL-	1.5493	4.2274	3.9023	-1.1289	-0.8337	0.0000	0.0000	4.2274
1161	1	Stage DL-C: DL-	1.5493	0.1245	1.1364	2.9741	1.9622	0.0000	0.0000	2.9741
1162	0	Stage DL-C: DL-	-0.1760	0.2882	-0.4542	-0.2742	0.0000	0.0000	0.0000	-0.4542
1162	1	Stage DL-C: DL-	-0.2003	-0.1176	-0.1668	-0.2877	0.0000	0.0000	0.0000	-0.2877
1163	0	Stage DL-C: DL-	0.0396	0.2802	0.0852	-0.2773	0.0000	0.0000	0.0000	0.2802

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1163	1	Stage DL-C: DL-	0.0620	0.2926	-0.1657	0.1456	0.0000	0.0000	0.0000	0.2926
1164	0	Stage DL-C: DL-	0.0598	-0.4208	-0.4208	0.2813	0.2812	0.0000	0.0000	-0.4208
1164	1	Stage DL-C: DL-	0.0598	-0.0053	-0.0053	0.1077	0.1077	0.0000	0.0000	0.1077
1165	0	Stage DL-C: DL-	-0.2104	-0.1435	-0.1435	-0.2386	-0.2386	0.0000	0.0000	-0.2386
1165	1	Stage DL-C: DL-	-0.2104	0.0036	0.0036	-0.3004	-0.3004	0.0000	0.0000	-0.3004
1167	0	Stage DL-C: DL-	-2.0865	1.7293	0.3767	-5.8622	-4.8098	0.0000	0.0000	-5.8622
1167	1	Stage DL-C: DL-	-2.0865	1.4136	1.3733	-5.5467	-5.5062	0.0000	0.0000	-5.5467
1168	0	Stage DL-C: DL-	1.7588	1.3542	2.3348	2.1834	1.1927	0.0000	0.0000	2.3348
1168	1	Stage DL-C: DL-	1.7588	2.2128	2.0566	1.3047	1.4610	0.0000	0.0000	2.2128
1170	0	Stage DL-C: DL-	-1.9122	0.8895	0.9503	-4.8139	-4.7748	0.0000	0.0000	-4.8139
1170	1	Stage DL-C: DL-	-1.9122	1.3877	2.1679	-5.2121	-5.8824	0.0000	0.0000	-5.8824
1171	0	Stage DL-C: DL-	1.6302	1.8177	1.4608	1.8428	1.7966	0.0000	0.0000	1.7966
1171	1	Stage DL-C: DL-	1.6302	2.4773	1.9332	0.7830	1.3271	0.0000	0.0000	2.4773
1173	0	Stage DL-C: DL-	-1.8196	0.6516	1.4330	-3.8910	-4.6721	0.0000	0.0000	-4.6721
1173	1	Stage DL-C: DL-	-1.8196	2.2032	2.3665	-5.4424	-5.6377	0.0000	0.0000	-5.6377
1174	0	Stage DL-C: DL-	1.3636	1.3067	0.7941	1.4285	1.8730	0.0000	0.0000	1.8730
1174	1	Stage DL-C: DL-	1.3636	2.3529	2.0896	0.4143	0.6773	0.0000	0.0000	2.3529
1176	0	Stage DL-C: DL-	-1.2361	1.3071	1.5026	-3.7833	-3.8788	0.0000	0.0000	-3.8788
1176	1	Stage DL-C: DL-	-1.2361	2.6173	2.4117	-5.0935	-4.8879	0.0000	0.0000	-5.0935
1177	0	Stage DL-C: DL-	1.0363	0.7096	0.4992	1.3131	1.5784	0.0000	0.0000	1.5784
1177	1	Stage DL-C: DL-	1.0363	1.5249	2.0814	0.5478	-0.0088	0.0000	0.0000	2.0814
1178	0	Stage DL-C: DL-	-0.2333	0.1312	-0.7485	0.1129	0.0000	0.0000	0.0000	-0.7480
1178	1	Stage DL-C: DL-	-0.2566	-0.0827	-0.1293	-0.6023	0.0000	0.0000	0.0000	-0.6023
1179	0	Stage DL-C: DL-	0.1250	0.4106	0.4070	-0.5506	0.0000	0.0000	0.0000	-0.5500
1179	1	Stage DL-C: DL-	0.1472	0.4430	-0.2342	0.3778	0.0000	0.0000	0.0000	0.4430
1180	0	Stage DL-C: DL-	-0.0708	-0.5798	-0.5798	0.1418	0.1418	0.0000	0.0000	-0.5798
1180	1	Stage DL-C: DL-	-0.0708	-0.3059	-0.3059	0.0279	0.0279	0.0000	0.0000	-0.3059
1181	0	Stage DL-C: DL-	-0.1302	-0.2010	-0.2010	-0.1006	-0.1006	0.0000	0.0000	-0.2010
1181	1	Stage DL-C: DL-	-0.1302	0.2030	0.2030	-0.2703	-0.2703	0.0000	0.0000	-0.2703
1183	0	Stage DL-C: DL-	-0.6122	2.0045	1.9096	-3.2288	-3.1839	0.0000	0.0000	-3.2288
1183	1	Stage DL-C: DL-	-0.6122	3.3021	4.0290	-4.5265	-5.2534	0.0000	0.0000	-5.2534
1184	0	Stage DL-C: DL-	0.5393	-0.1406	0.3366	1.2192	0.7420	0.0000	0.0000	1.2192
1184	1	Stage DL-C: DL-	0.5393	1.5248	1.7958	-0.4462	-0.7172	0.0000	0.0000	1.7958
1186	0	Stage DL-C: DL-	0.0941	1.4293	2.1486	-1.2312	-1.9505	0.0000	0.0000	2.1486

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1186	I	Stage DL-C: DL-	0.0991	6.1839	4.2433	-5.9857	-4.0452	0.0000	0.0000	6.1839
1187	0	Stage DL-C: DL-	-0.0368	-1.1319	-0.8539	1.0583	0.7802	0.0000	0.0000	-1.1319
1187	I	Stage DL-C: DL-	-0.0368	1.3849	1.5624	-1.4584	-1.8580	0.0000	0.0000	-1.8580
1188	0	Stage DL-C: DL-	0.9770	3.1801	1.2279	-1.2262	0.7260	0.0000	0.0000	3.1801
1188	I	Stage DL-C: DL-	0.9770	8.8775	5.8883	-4.9236	-0.9444	0.0000	0.0000	8.8775
1190	0	Stage DL-C: DL-	-0.7998	-2.1034	-1.8978	0.5238	0.3160	0.0000	0.0000	-2.1034
1190	I	Stage DL-C: DL-	-0.7998	0.9988	1.0688	-2.5782	-2.6484	0.0000	0.0000	-2.6484
1192	0	Stage DL-C: DL-	1.9683	4.5250	3.0654	-0.0665	0.8811	0.0000	0.0000	4.5250
1192	I	Stage DL-C: DL-	1.9683	3.3413	9.9498	0.5952	-6.0133	0.0000	0.0000	9.9498
1193	0	Stage DL-C: DL-	-1.6071	-2.7717	-2.7061	-0.4425	-0.5052	0.0000	0.0000	-2.7717
1193	I	Stage DL-C: DL-	-1.6071	0.0715	-0.3861	-3.2858	-2.8291	0.0000	0.0000	-3.2858
1194	0	Stage DL-C: DL-	-0.4082	0.0603	-1.8809	1.1252	0.0000	0.0000	0.0000	-1.8809
1194	I	Stage DL-C: DL-	-0.4314	-0.3385	0.1758	-1.3618	0.0000	0.0000	0.0000	-1.3618
1195	0	Stage DL-C: DL-	0.2012	0.4120	0.8121	-0.8809	0.0000	0.0000	0.0000	-0.8809
1195	I	Stage DL-C: DL-	0.2234	0.2471	-0.3978	1.0067	0.0000	0.0000	0.0000	1.0067
1196	0	Stage DL-C: DL-	-0.3541	-1.9928	-1.8928	0.3343	0.3343	0.0000	0.0000	-1.9928
1196	I	Stage DL-C: DL-	-0.3541	0.2184	0.2184	-0.5938	-0.5938	0.0000	0.0000	-0.5938
1197	0	Stage DL-C: DL-	0.1017	-0.6571	-0.6571	0.4206	0.4206	0.0000	0.0000	-0.6571
1197	I	Stage DL-C: DL-	0.1017	0.7425	0.7425	-0.1675	-0.1675	0.0000	0.0000	0.7425
1198	0	Stage DL-C: DL-	3.3114	1.5303	8.6083	5.3925	-1.3868	0.0000	0.0000	8.6083
1198	I	Stage DL-C: DL-	3.3114	10.2907	7.2828	-3.8880	-0.6601	0.0000	0.0000	10.2907
1200	0	Stage DL-C: DL-	-2.5942	-3.2399	-3.8510	-1.9480	-1.3370	0.0000	0.0000	-3.8510
1200	I	Stage DL-C: DL-	-2.5942	-1.1625	-0.2167	-4.0254	-4.9713	0.0000	0.0000	-4.9713
1202	0	Stage DL-C: DL-	4.5068	6.6272	3.5993	2.3667	5.4146	0.0000	0.0000	6.6272
1202	I	Stage DL-C: DL-	4.5068	13.5948	7.7961	-4.5809	1.2179	0.0000	0.0000	13.5948
1203	0	Stage DL-C: DL-	-3.5938	-5.7709	-4.8082	-1.4167	-2.3794	0.0000	0.0000	-5.7709
1203	I	Stage DL-C: DL-	-3.5938	-1.9285	-0.5307	-5.2591	-6.8569	0.0000	0.0000	-6.8569
1205	0	Stage DL-C: DL-	5.9400	9.2624	3.4840	2.5878	8.3960	0.0000	0.0000	9.2624
1205	I	Stage DL-C: DL-	5.9400	13.5472	11.1485	-1.8872	0.7318	0.0000	0.0000	13.5472
1206	0	Stage DL-C: DL-	-4.7623	-7.3411	-5.9435	-2.1835	-3.5811	0.0000	0.0000	-7.3411
1206	I	Stage DL-C: DL-	-4.7623	-2.2342	-1.9058	-7.3004	-7.8189	0.0000	0.0000	-7.8189
1208	0	Stage DL-C: DL-	7.4158	9.4819	7.1031	5.3497	7.7268	0.0000	0.0000	9.4819
1208	I	Stage DL-C: DL-	7.4158	7.8149	17.9500	7.2170	-3.1184	0.0000	0.0000	17.9500
1209	0	Stage DL-C: DL-	-5.9845	-7.8673	-7.5858	-4.1017	-4.4033	0.0000	0.0000	-7.8673

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1209	I	Stage DL-C: DL-	-5.9845	-2.4283	-5.3203	-6.5408	-6.6468	0.0000	0.0000	-6.5408
1210	0	Stage DL-C: DL-	-1.1044	-0.8230	-2.6218	0.7062	0.0000	0.0000	0.0000	-2.6218
1210	I	Stage DL-C: DL-	-1.1267	-0.8859	-0.3735	-2.4089	0.0000	0.0000	0.0000	-2.4089
1211	0	Stage DL-C: DL-	0.7395	1.1004	1.8014	-1.0873	0.0000	0.0000	0.0000	1.8014
1211	I	Stage DL-C: DL-	0.7917	0.5460	-0.0411	2.0620	0.0000	0.0000	0.0000	2.0620
1212	0	Stage DL-C: DL-	-0.5791	-1.9290	-1.9290	-0.0120	-0.0120	0.0000	0.0000	-1.9290
1212	I	Stage DL-C: DL-	-0.5791	-0.1482	-0.1482	-0.7598	-0.7598	0.0000	0.0000	-0.7598
1213	0	Stage DL-C: DL-	0.3937	-0.8707	-0.8707	0.9248	0.9248	0.0000	0.0000	0.9248
1213	I	Stage DL-C: DL-	0.3937	1.3215	1.3215	0.0039	0.0039	0.0000	0.0000	1.3215
1215	0	Stage DL-C: DL-	9.1858	5.3683	16.2294	15.0035	2.1424	0.0000	0.0000	16.2294
1215	I	Stage DL-C: DL-	9.1858	17.3580	12.0241	0.8137	6.3478	0.0000	0.0000	17.3580
1216	0	Stage DL-C: DL-	-7.2791	-6.4969	-8.6243	-6.0013	-4.9339	0.0000	0.0000	-8.6243
1216	I	Stage DL-C: DL-	-7.2791	-6.6811	-4.7805	-7.8771	-9.7777	0.0000	0.0000	-9.7777
1218	0	Stage DL-C: DL-	6.6378	5.8060	3.0291	7.4697	10.2488	0.0000	0.0000	10.2488
1218	I	Stage DL-C: DL-	6.6378	11.8562	7.2516	1.4195	6.0241	0.0000	0.0000	11.8562
1219	0	Stage DL-C: DL-	-8.0310	-10.1582	-8.2456	-5.9039	-7.8165	0.0000	0.0000	-10.1582
1219	I	Stage DL-C: DL-	-8.0310	-7.4995	-3.7854	-8.5626	-12.2798	0.0000	0.0000	-12.2798
1221	0	Stage DL-C: DL-	7.8672	10.4406	5.8377	5.3039	9.9367	0.0000	0.0000	10.4406
1221	I	Stage DL-C: DL-	7.8672	11.4703	9.8616	4.3042	5.9128	0.0000	0.0000	11.4703
1222	0	Stage DL-C: DL-	-9.2063	-12.8723	-9.1809	-5.5404	-9.2518	0.0000	0.0000	-12.8723
1222	I	Stage DL-C: DL-	-9.2063	-7.5449	-5.6134	-10.6578	-12.5993	0.0000	0.0000	-12.5993
1224	0	Stage DL-C: DL-	9.2576	10.3036	8.8698	8.2116	9.6154	0.0000	0.0000	10.3036
1224	I	Stage DL-C: DL-	9.2576	7.0586	14.8010	11.4586	3.6142	0.0000	0.0000	14.8010
1225	0	Stage DL-C: DL-	-10.3128	-12.6144	-10.8822	-8.0112	-8.7334	0.0000	0.0000	-12.6144
1225	I	Stage DL-C: DL-	-10.3128	-8.2110	-10.9436	-14.4146	-9.6820	0.0000	0.0000	-14.4146
1226	0	Stage DL-C: DL-	-3.5960	-2.1182	-4.2948	-4.1092	0.0000	0.0000	0.0000	-4.2948
1226	I	Stage DL-C: DL-	-3.6182	-3.7307	-3.4484	-3.7402	0.0000	0.0000	0.0000	-3.7402
1227	0	Stage DL-C: DL-	0.0900	-0.0362	-0.1645	0.5676	0.0000	0.0000	0.0000	0.5676
1227	I	Stage DL-C: DL-	0.1122	0.1406	0.3286	-0.2120	0.0000	0.0000	0.0000	0.3286
1228	0	Stage DL-C: DL-	-0.1527	-2.3889	-2.3889	0.7998	0.7998	0.0000	0.0000	-2.3889
1228	I	Stage DL-C: DL-	-0.1527	0.4865	0.4865	-0.4254	-0.4254	0.0000	0.0000	0.4865
1229	0	Stage DL-C: DL-	1.0264	-0.6306	-0.6306	1.7226	1.7226	0.0000	0.0000	1.7226
1229	I	Stage DL-C: DL-	1.0264	2.3236	2.3236	0.4814	0.4814	0.0000	0.0000	2.3236
1231	0	Stage DL-C: DL-	9.0566	7.3121	15.1667	10.8017	2.9471	0.0000	0.0000	15.1667

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1231	1	Stage DL-C: DL-	9.0569	9.4831	8.1397	8.6206	9.9741	0.0000	0.0000	9.9741
1232	0	Stage DL-C: DL-	-10.0365	-5.4141	-10.0845	-14.6588	-9.9684	0.0000	0.0000	-14.6588
1232	1	Stage DL-C: DL-	-10.0365	-12.9075	-11.5124	-7.1654	-8.5605	0.0000	0.0000	-12.9075
1234	0	Stage DL-C: DL-	7.2618	11.1912	9.8311	3.3324	4.6625	0.0000	0.0000	11.1912
1234	1	Stage DL-C: DL-	7.2618	9.1392	4.9442	5.3845	9.6794	0.0000	0.0000	9.6794
1235	0	Stage DL-C: DL-	-6.4785	-5.7940	-4.3779	-11.1731	-12.5792	0.0000	0.0000	-12.5792
1235	1	Stage DL-C: DL-	-6.4785	-12.7778	-9.5811	-4.1793	-7.3980	0.0000	0.0000	-12.7778
1237	0	Stage DL-C: DL-	5.6105	11.0979	9.7997	0.1230	4.4213	0.0000	0.0000	11.0979
1237	1	Stage DL-C: DL-	5.6105	4.3463	1.5012	8.8746	9.7188	0.0000	0.0000	9.7188
1238	0	Stage DL-C: DL-	-6.7925	-5.0711	-1.8502	-8.5139	-11.7348	0.0000	0.0000	-11.7348
1238	1	Stage DL-C: DL-	-6.7925	-8.9060	-8.2143	-3.6790	-5.3707	0.0000	0.0000	-8.9060
1240	0	Stage DL-C: DL-	8.8458	15.5687	8.8828	-1.8775	3.7964	0.0000	0.0000	15.5687
1240	1	Stage DL-C: DL-	8.8458	3.9441	12.0332	9.7471	1.8879	0.0000	0.0000	12.0332
1241	0	Stage DL-C: DL-	-5.4848	-3.8987	-2.2188	-7.0686	-8.7531	0.0000	0.0000	-8.7531
1241	1	Stage DL-C: DL-	-5.4848	-8.7578	-8.1670	-5.2121	-2.9038	0.0000	0.0000	-8.1670
1242	0	Stage DL-C: DL-	-0.8703	1.5726	-0.2172	-4.5527	0.0000	0.0000	0.0000	-4.5527
1242	1	Stage DL-C: DL-	-0.8925	-1.9088	-1.4805	0.5696	0.0000	0.0000	0.0000	-1.9088
1243	0	Stage DL-C: DL-	0.8822	-0.8452	-0.5203	3.9019	0.0000	0.0000	0.0000	3.9019
1243	1	Stage DL-C: DL-	0.8844	2.1360	1.5643	-1.8839	0.0000	0.0000	0.0000	2.1360
1244	0	Stage DL-C: DL-	-0.3786	-1.7251	-1.7251	0.1871	0.1871	0.0000	0.0000	-1.7251
1244	1	Stage DL-C: DL-	-0.3786	-0.0391	-0.0391	-0.5212	-0.5212	0.0000	0.0000	-0.5212
1245	0	Stage DL-C: DL-	0.2145	-0.7013	-0.7013	0.5993	0.5993	0.0000	0.0000	-0.7013
1245	1	Stage DL-C: DL-	0.2145	1.0135	1.0135	-0.1211	-0.1211	0.0000	0.0000	1.0135
1247	0	Stage DL-C: DL-	4.4361	8.8619	14.2565	2.0103	-5.3843	0.0000	0.0000	14.2565
1247	1	Stage DL-C: DL-	4.4361	4.9502	3.5015	3.8220	5.3707	0.0000	0.0000	5.3707
1248	0	Stage DL-C: DL-	-3.5988	0.0492	-1.9963	-7.2468	-5.3013	0.0000	0.0000	-7.2468
1248	1	Stage DL-C: DL-	-3.5988	-5.9094	-5.3862	-1.2981	-0.6284	0.0000	0.0000	-6.3862
1250	0	Stage DL-C: DL-	2.3611	10.7377	8.2783	-6.0154	-4.5540	0.0000	0.0000	10.7377
1250	1	Stage DL-C: DL-	2.3611	2.7479	0.0073	1.9748	4.8250	0.0000	0.0000	4.8250
1251	0	Stage DL-C: DL-	-1.8987	1.8236	1.4736	-5.7232	-5.2729	0.0000	0.0000	-5.7232
1251	1	Stage DL-C: DL-	-1.8987	-4.8483	-4.7625	1.0488	0.9831	0.0000	0.0000	-4.8483
1253	0	Stage DL-C: DL-	0.3474	6.8811	6.2201	-8.1883	-5.5253	0.0000	0.0000	6.8811
1253	1	Stage DL-C: DL-	0.3474	-0.0703	0.1717	0.7852	0.5231	0.0000	0.0000	0.7852
1254	0	Stage DL-C: DL-	-0.2106	2.9855	3.0443	-3.3967	-3.4655	0.0000	0.0000	-3.4655

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1254	1	Stage DL-C: DL-	-0.2106	-3.0031	-0.7130	2.5619	2.2919	0.0000	0.0000	-3.0031
1256	0	Stage DL-C: DL-	-1.2978	4.3069	4.5537	-6.9021	-7.1489	0.0000	0.0000	-7.1489
1256	1	Stage DL-C: DL-	-1.2978	0.4231	0.0591	-3.0184	-2.6533	0.0000	0.0000	-3.0184
1257	0	Stage DL-C: DL-	1.2183	3.5767	3.8611	-1.1401	-1.4245	0.0000	0.0000	3.8611
1257	1	Stage DL-C: DL-	1.2183	-0.7095	0.0345	3.1461	2.4022	0.0000	0.0000	3.1461
1258	0	Stage DL-C: DL-	-0.2329	1.1232	0.1352	-1.8943	0.0000	0.0000	0.0000	-1.8943
1258	1	Stage DL-C: DL-	-0.2356	-0.4896	-0.5419	0.4868	0.0000	0.0000	0.0000	-0.5419
1259	0	Stage DL-C: DL-	0.1004	-0.7106	-0.7673	2.1091	0.0000	0.0000	0.0000	2.1091
1259	1	Stage DL-C: DL-	0.1239	1.2146	0.4933	-1.4810	0.0000	0.0000	0.0000	-1.4810
1260	0	Stage DL-C: DL-	0.0059	-0.6026	-0.6026	0.2615	0.2615	0.0000	0.0000	-0.6026
1260	1	Stage DL-C: DL-	0.0059	-0.2354	-0.2354	0.1073	0.1073	0.0000	0.0000	-0.2354
1261	0	Stage DL-C: DL-	-0.2440	-0.2376	-0.2376	-0.2467	-0.2467	0.0000	0.0000	-0.2467
1261	1	Stage DL-C: DL-	-0.2440	0.0887	0.0887	-0.3880	-0.3880	0.0000	0.0000	-0.3880
1263	0	Stage DL-C: DL-	-3.0297	2.0411	1.3278	-8.1005	-7.3869	0.0000	0.0000	-8.1005
1263	1	Stage DL-C: DL-	-3.0297	-2.3982	-1.1752	-3.8732	-4.8841	0.0000	0.0000	-4.8841
1264	0	Stage DL-C: DL-	2.8412	3.9777	4.9607	1.3048	0.3218	0.0000	0.0000	4.9607
1264	1	Stage DL-C: DL-	2.8412	1.3721	0.2475	3.9103	5.0349	0.0000	0.0000	5.0349
1266	0	Stage DL-C: DL-	-4.3239	0.6817	1.8810	-9.3396	-10.5388	0.0000	0.0000	-10.5388
1266	1	Stage DL-C: DL-	-4.3239	-4.5108	-2.3268	-4.1371	-6.3211	0.0000	0.0000	-6.3211
1267	0	Stage DL-C: DL-	3.8313	6.8257	5.7123	0.8268	1.9504	0.0000	0.0000	6.8257
1267	1	Stage DL-C: DL-	3.8313	2.7439	0.9350	4.9187	6.7276	0.0000	0.0000	6.7276
1269	0	Stage DL-C: DL-	-5.6188	-1.3548	0.6257	-9.8828	-12.0632	0.0000	0.0000	-12.0632
1269	1	Stage DL-C: DL-	-5.6188	-4.5891	-4.4879	-5.6484	-6.7497	0.0000	0.0000	-6.7497
1270	0	Stage DL-C: DL-	4.9702	7.8667	6.1826	1.9407	3.7476	0.0000	0.0000	7.8667
1270	1	Stage DL-C: DL-	4.9702	3.4242	2.8676	6.5182	7.0728	0.0000	0.0000	7.0728
1272	0	Stage DL-C: DL-	-6.6861	-2.0391	-1.9318	-11.3980	-11.4644	0.0000	0.0000	-11.4644
1272	1	Stage DL-C: DL-	-6.6861	-2.0172	-7.0966	-11.3790	-6.2995	0.0000	0.0000	-11.3790
1273	0	Stage DL-C: DL-	5.9373	7.8736	7.3200	4.0008	4.5546	0.0000	0.0000	7.8736
1273	1	Stage DL-C: DL-	5.9373	3.3307	8.4080	8.5439	5.4067	0.0000	0.0000	8.5439
1274	0	Stage DL-C: DL-	0.2098	1.3424	0.3382	-0.9035	0.0000	0.0000	0.0000	1.3424
1274	1	Stage DL-C: DL-	0.2098	0.1761	0.0500	0.5534	0.0000	0.0000	0.0000	0.5534
1275	0	Stage DL-C: DL-	-0.3001	-0.5520	-0.9582	0.9601	0.0000	0.0000	0.0000	-0.9582
1275	1	Stage DL-C: DL-	-0.2779	0.4480	-0.1303	-1.2074	0.0000	0.0000	0.0000	-1.2074
1276	0	Stage DL-C: DL-	0.3683	-0.4643	-0.4643	0.7182	0.7182	0.0000	0.0000	0.7182

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1276	1	Stage DL-C: DL-	0.3683	0.3003	0.3003	0.3969	0.3969	0.0000	0.0000	0.3969
1277	0	Stage DL-C: DL-	-0.5672	-0.1095	-0.1095	-0.7979	-0.7979	0.0000	0.0000	-0.7979
1277	1	Stage DL-C: DL-	-0.5673	-0.4652	-0.4652	-0.6365	-0.6365	0.0000	0.0000	-0.6365
1279	0	Stage DL-C: DL-	-7.8186	-1.2539	-6.5417	-14.3832	-9.0955	0.0000	0.0000	-14.3832
1279	1	Stage DL-C: DL-	-7.8186	-6.5836	-4.7781	-9.0536	-10.8590	0.0000	0.0000	-10.8590
1280	0	Stage DL-C: DL-	6.8207	9.2301	9.4787	7.4213	4.1627	0.0000	0.0000	9.4787
1280	1	Stage DL-C: DL-	6.8207	8.7181	4.9137	8.8229	8.7277	0.0000	0.0000	8.7277
1282	0	Stage DL-C: DL-	-8.5053	-5.0531	-3.2468	-11.8578	-13.7839	0.0000	0.0000	-13.7839
1282	1	Stage DL-C: DL-	-8.5053	-6.8838	-4.0964	-9.1269	-12.8202	0.0000	0.0000	-12.8202
1283	0	Stage DL-C: DL-	7.4507	9.6038	7.7979	5.2977	7.1036	0.0000	0.0000	9.6038
1283	1	Stage DL-C: DL-	7.4507	8.3365	4.5822	8.5629	10.3092	0.0000	0.0000	10.3092
1285	0	Stage DL-C: DL-	-9.1246	-7.3942	-2.8022	-10.8550	-15.6470	0.0000	0.0000	-15.6470
1285	1	Stage DL-C: DL-	-9.1246	-8.2121	-5.8143	-10.0371	-12.8349	0.0000	0.0000	-12.8349
1286	0	Stage DL-C: DL-	7.9813	10.8319	7.0863	5.1506	8.8863	0.0000	0.0000	10.8319
1286	1	Stage DL-C: DL-	7.9813	8.3811	6.0628	7.6014	9.9187	0.0000	0.0000	9.9187
1288	0	Stage DL-C: DL-	-9.5925	-7.0801	-4.4966	-12.1249	-14.7184	0.0000	0.0000	-14.7184
1288	1	Stage DL-C: DL-	-9.5925	-8.6970	-6.2988	-11.4060	-9.8885	0.0000	0.0000	-14.4960
1289	0	Stage DL-C: DL-	8.3997	10.2225	7.3065	5.5569	8.8729	0.0000	0.0000	10.2225
1289	1	Stage DL-C: DL-	8.3997	8.8467	6.3448	10.1327	7.4346	0.0000	0.0000	10.1327
1290	0	Stage DL-C: DL-	0.2918	1.0540	0.0009	-0.0668	0.0000	0.0000	0.0000	1.0540
1290	1	Stage DL-C: DL-	0.2696	0.3463	0.1252	0.4823	0.0000	0.0000	0.0000	0.4823
1291	0	Stage DL-C: DL-	-0.2893	-0.1021	-0.5275	-0.1478	0.0000	0.0000	0.0000	-0.5275
1291	1	Stage DL-C: DL-	-0.2671	0.4963	-0.1522	-1.1282	0.0000	0.0000	0.0000	-1.1282
1292	0	Stage DL-C: DL-	0.4514	-0.4333	-0.4333	0.8231	0.8231	0.0000	0.0000	0.8231
1292	1	Stage DL-C: DL-	0.4514	0.3965	0.3965	0.4745	0.4745	0.0000	0.0000	0.4745
1293	0	Stage DL-C: DL-	-0.8528	-0.1513	-0.1513	-0.8835	-0.8835	0.0000	0.0000	-0.8835
1293	1	Stage DL-C: DL-	-0.8528	-0.5240	-0.5240	-0.7069	-0.7069	0.0000	0.0000	-0.7069
1295	0	Stage DL-C: DL-	-9.8832	-4.1808	-6.8036	-15.5858	-10.9628	0.0000	0.0000	-15.5858
1295	1	Stage DL-C: DL-	-9.8832	-7.3401	-6.5410	-12.4283	-13.2254	0.0000	0.0000	-13.2254
1296	0	Stage DL-C: DL-	8.6387	7.5468	10.2791	6.7268	8.8893	0.0000	0.0000	10.2791
1296	1	Stage DL-C: DL-	8.6387	9.0674	7.8905	8.2100	9.2970	0.0000	0.0000	9.2970
1298	0	Stage DL-C: DL-	-9.9559	-7.1956	-6.3948	-12.7160	-13.5169	0.0000	0.0000	-13.5169
1298	1	Stage DL-C: DL-	-9.9559	-7.1955	-6.3920	-12.7162	-13.5166	0.0000	0.0000	-13.5166
1299	0	Stage DL-C: DL-	8.8857	9.3299	8.2488	8.0647	9.1429	0.0000	0.0000	9.3299

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1299	1	Stage DL-C: DL-	8.8857	9.3251	8.2465	8.0662	9.1429	0.0000	0.0000	9.3251
1301	0	Stage DL-C: DL-	-9.8760	-7.3537	-6.5020	-12.4023	-13.2041	0.0000	0.0000	-13.2041
1301	1	Stage DL-C: DL-	-9.8760	-4.1460	-6.7608	-15.8101	-10.8952	0.0000	0.0000	-15.8101
1302	0	Stage DL-C: DL-	8.6418	9.0799	8.0044	8.2037	9.2791	0.0000	0.0000	9.2791
1302	1	Stage DL-C: DL-	8.6418	7.5295	10.2635	6.7541	7.0201	0.0000	0.0000	10.2635
1303	0	Stage DL-C: DL-	0.2918	1.0396	-0.0137	-0.0343	0.0000	0.0000	0.0000	1.0396
1303	1	Stage DL-C: DL-	0.2696	0.4606	0.3445	-0.0297	0.0000	0.0000	0.0000	0.4606
1304	0	Stage DL-C: DL-	-0.2892	0.1510	-0.2743	-0.7499	0.0000	0.0000	0.0000	-0.7499
1304	1	Stage DL-C: DL-	-0.2670	-0.1117	-0.7001	0.1758	0.0000	0.0000	0.0000	-0.7001
1305	0	Stage DL-C: DL-	0.4513	-0.4333	-0.4333	0.8229	0.8229	0.0000	0.0000	0.8229
1305	1	Stage DL-C: DL-	0.4513	0.3963	0.3963	0.4744	0.4744	0.0000	0.0000	0.4744
1306	0	Stage DL-C: DL-	-0.8529	-0.1514	-0.1514	-0.8837	-0.8837	0.0000	0.0000	-0.8837
1306	1	Stage DL-C: DL-	-0.8529	-0.5243	-0.5243	-0.7070	-0.7070	0.0000	0.0000	-0.7070
1308	0	Stage DL-C: DL-	-9.5975	-4.7229	-9.3403	-14.4724	-9.8547	0.0000	0.0000	-14.4724
1308	1	Stage DL-C: DL-	-9.5975	-7.0460	-4.4958	-12.1490	-14.7386	0.0000	0.0000	-14.7386
1308	0	Stage DL-C: DL-	8.3673	8.4859	8.3809	10.1087	7.4139	0.0000	0.0000	10.1087
1309	1	Stage DL-C: DL-	8.3673	10.2106	7.8829	8.5639	8.8818	0.0000	0.0000	10.2106
1311	0	Stage DL-C: DL-	-9.1245	-8.2115	-5.6187	-10.0376	-12.8324	0.0000	0.0000	-12.8324
1311	1	Stage DL-C: DL-	-9.1245	-7.3941	-2.8018	-10.8549	-15.6472	0.0000	0.0000	-15.6472
1312	0	Stage DL-C: DL-	7.9818	8.3633	6.0632	7.6006	9.9207	0.0000	0.0000	9.9207
1312	1	Stage DL-C: DL-	7.9818	10.8322	7.0884	5.1517	8.8875	0.0000	0.0000	10.8322
1314	0	Stage DL-C: DL-	-9.5050	-8.8837	-4.0801	-9.1262	-12.9188	0.0000	0.0000	-12.9188
1314	1	Stage DL-C: DL-	-9.5050	-8.0035	-3.2457	-11.8984	-13.7982	0.0000	0.0000	-13.7982
1315	0	Stage DL-C: DL-	7.4518	8.3400	4.5835	6.5833	10.3098	0.0000	0.0000	10.3098
1315	1	Stage DL-C: DL-	7.4518	9.6031	7.7991	5.3002	7.1042	0.0000	0.0000	9.6031
1317	0	Stage DL-C: DL-	-7.8130	-6.5874	-4.7585	-9.0286	-10.8376	0.0000	0.0000	-10.8376
1317	1	Stage DL-C: DL-	-7.8130	-1.2181	-6.4969	-14.4060	-9.1271	0.0000	0.0000	-14.4060
1318	0	Stage DL-C: DL-	6.8248	6.7328	4.9291	8.9169	8.7204	0.0000	0.0000	8.7204
1318	1	Stage DL-C: DL-	6.8248	6.2018	9.4647	7.4479	4.1948	0.0000	0.0000	9.4647
1319	0	Stage DL-C: DL-	0.2588	0.6170	-0.3874	0.7528	0.0000	0.0000	0.0000	0.7528
1319	1	Stage DL-C: DL-	0.2367	0.4773	0.3493	-0.1563	0.0000	0.0000	0.0000	0.4773
1320	0	Stage DL-C: DL-	-0.2999	0.5529	0.1467	-1.7669	0.0000	0.0000	0.0000	-1.7669
1320	1	Stage DL-C: DL-	-0.2778	-0.1600	-0.7383	0.2406	0.0000	0.0000	0.0000	-0.7383
1321	0	Stage DL-C: DL-	0.3684	-0.4643	-0.4643	0.7183	0.7183	0.0000	0.0000	0.7183

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1321	1	Stage DL-C: DL-	0.3684	0.3004	0.3004	0.3670	0.3670	0.0000	0.0000	0.3670
1322	0	Stage DL-C: DL-	-0.5875	-0.1097	-0.1097	-0.7882	-0.7882	0.0000	0.0000	-0.7882
1322	1	Stage DL-C: DL-	-0.5875	-0.4855	-0.4855	-0.6367	-0.6367	0.0000	0.0000	-0.6367
1324	0	Stage DL-C: DL-	-6.7027	-2.0518	-7.1367	-11.3535	-6.9967	0.0000	0.0000	-11.3535
1324	1	Stage DL-C: DL-	-6.7027	-2.0133	-1.8205	-11.3920	-11.4848	0.0000	0.0000	-11.4848
1325	0	Stage DL-C: DL-	5.8358	3.3511	5.4552	8.5205	5.4165	0.0000	0.0000	8.5205
1325	1	Stage DL-C: DL-	5.8358	7.8632	7.3066	4.0046	4.3648	0.0000	0.0000	7.8632
1327	0	Stage DL-C: DL-	-5.6181	-4.5876	-4.4886	-6.6467	-6.7464	0.0000	0.0000	-6.7464
1327	1	Stage DL-C: DL-	-5.6181	-1.3542	0.8266	-9.8820	-12.0628	0.0000	0.0000	-12.0628
1328	0	Stage DL-C: DL-	4.8718	3.4277	2.8667	6.5160	7.0750	0.0000	0.0000	7.0750
1328	1	Stage DL-C: DL-	4.8718	8.0012	6.1934	1.9435	3.7503	0.0000	0.0000	8.0012
1330	0	Stage DL-C: DL-	-4.3229	-4.5096	-3.3256	-4.1358	-6.3201	0.0000	0.0000	-6.3201
1330	1	Stage DL-C: DL-	-4.3229	0.6818	1.8948	-9.3273	-10.5406	0.0000	0.0000	-10.5406
1331	0	Stage DL-C: DL-	3.8332	2.7466	0.9369	4.9197	6.7294	0.0000	0.0000	6.7294
1331	1	Stage DL-C: DL-	3.8332	6.8360	5.7144	0.8303	1.9519	0.0000	0.0000	6.8360
1333	0	Stage DL-C: DL-	-3.0232	-2.3963	-1.1843	-3.6471	-4.8620	0.0000	0.0000	-4.8620
1333	1	Stage DL-C: DL-	-3.0232	2.0788	1.3723	-8.1232	-7.4187	0.0000	0.0000	-8.1232
1334	0	Stage DL-C: DL-	2.8462	1.3868	0.2639	3.9056	5.0285	0.0000	0.0000	5.0285
1334	1	Stage DL-C: DL-	2.8462	3.9594	4.9481	1.3331	0.3443	0.0000	0.0000	4.9481
1335	0	Stage DL-C: DL-	-0.2024	-0.1088	-1.0967	0.9095	0.0000	0.0000	0.0000	-1.0967
1335	1	Stage DL-C: DL-	-0.2248	0.1108	0.9684	-0.9645	0.0000	0.0000	0.0000	-0.9645
1336	0	Stage DL-C: DL-	0.1000	1.0189	0.9634	-2.0118	0.0000	0.0000	0.0000	-2.0118
1336	1	Stage DL-C: DL-	0.1222	0.0750	-0.6463	1.2300	0.0000	0.0000	0.0000	1.2300
1337	0	Stage DL-C: DL-	0.0054	-0.6027	-0.6027	0.2609	0.2609	0.0000	0.0000	-0.6027
1337	1	Stage DL-C: DL-	0.0054	-0.2361	-0.2361	0.1068	0.1068	0.0000	0.0000	-0.2361
1338	0	Stage DL-C: DL-	-0.2442	-0.2375	-0.2375	-0.2470	-0.2470	0.0000	0.0000	-0.2470
1338	1	Stage DL-C: DL-	-0.2442	0.0662	0.0662	-0.3880	-0.3880	0.0000	0.0000	-0.3880
1340	0	Stage DL-C: DL-	-1.3008	0.3602	0.0196	-2.9907	-2.6202	0.0000	0.0000	-2.9907
1340	1	Stage DL-C: DL-	-1.3008	4.3235	4.5651	-6.8251	-7.1867	0.0000	0.0000	-7.1867
1341	0	Stage DL-C: DL-	1.2175	-0.6988	0.0529	3.1240	2.3821	0.0000	0.0000	3.1240
1341	1	Stage DL-C: DL-	1.2175	3.5689	3.8486	-1.1319	-1.4138	0.0000	0.0000	3.8489
1343	0	Stage DL-C: DL-	0.3489	-0.0648	0.1719	0.7646	0.5279	0.0000	0.0000	0.7646
1343	1	Stage DL-C: DL-	0.3486	6.8628	6.2202	-6.1630	-5.5204	0.0000	0.0000	6.8628
1344	0	Stage DL-C: DL-	-0.2084	-2.9982	-2.7116	2.5625	2.2949	0.0000	0.0000	-2.9982

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1344	1	Stage DL-C: DL-	-0.2084	2.9680	3.0454	-3.3647	-3.4621	0.0000	0.0000	-3.4621
1346	0	Stage DL-C: DL-	2.3637	2.7531	0.1013	1.9743	4.6261	0.0000	0.0000	4.6261
1346	1	Stage DL-C: DL-	2.3637	10.7373	8.2787	-6.0100	-4.5513	0.0000	0.0000	10.7373
1347	0	Stage DL-C: DL-	-1.8872	-4.8445	-4.7801	1.0501	0.9657	0.0000	0.0000	-4.8445
1347	1	Stage DL-C: DL-	-1.8872	1.8049	1.4758	-5.7193	-5.2702	0.0000	0.0000	-5.7193
1349	0	Stage DL-C: DL-	4.4438	4.9406	3.4847	3.9469	5.3828	0.0000	0.0000	5.3828
1349	1	Stage DL-C: DL-	4.4438	8.8861	14.3012	1.9695	-5.4137	0.0000	0.0000	14.3012
1350	0	Stage DL-C: DL-	-3.5830	-5.8834	-6.3520	-1.2926	-0.8340	0.0000	0.0000	-6.3520
1350	1	Stage DL-C: DL-	-3.5830	0.0311	-2.0068	-7.2171	-5.1771	0.0000	0.0000	-7.2171
1351	0	Stage DL-C: DL-	-0.9882	-0.9816	-2.7518	1.4638	0.0000	0.0000	0.0000	-2.7518
1351	1	Stage DL-C: DL-	-0.9914	-0.7067	-0.2584	-2.2877	0.0000	0.0000	0.0000	-2.2877
1352	0	Stage DL-C: DL-	0.6612	1.7001	2.1254	-2.3968	0.0000	0.0000	0.0000	-2.3968
1352	1	Stage DL-C: DL-	0.6634	0.0657	-0.5079	2.9456	0.0000	0.0000	0.0000	2.9459
1353	0	Stage DL-C: DL-	-0.3790	-1.7261	-1.7261	0.1969	0.1969	0.0000	0.0000	-1.7261
1353	1	Stage DL-C: DL-	-0.3790	-0.0389	-0.0389	-0.5219	-0.5219	0.0000	0.0000	-0.5219
1354	0	Stage DL-C: DL-	0.2145	-0.7011	-0.7011	0.5992	0.5992	0.0000	0.0000	-0.7011
1354	1	Stage DL-C: DL-	0.2145	1.0130	1.0130	-0.1209	-0.1209	0.0000	0.0000	1.0130
1356	0	Stage DL-C: DL-	6.6426	3.9118	11.9836	9.7734	1.5814	0.0000	0.0000	11.9836
1356	1	Stage DL-C: DL-	6.6426	15.5834	9.9041	-1.5884	3.7911	0.0000	0.0000	15.5834
1357	0	Stage DL-C: DL-	-5.4850	-5.7354	-6.1475	-5.2346	-2.8228	0.0000	0.0000	-6.1475
1357	1	Stage DL-C: DL-	-5.4850	-3.9095	-2.2288	-7.0605	-8.7413	0.0000	0.0000	-8.7413
1359	0	Stage DL-C: DL-	5.6123	4.3902	1.5033	6.8744	9.7213	0.0000	0.0000	9.7213
1359	1	Stage DL-C: DL-	5.6123	11.0982	6.8007	0.1264	4.4239	0.0000	0.0000	11.0982
1360	0	Stage DL-C: DL-	-6.7886	-8.9016	-6.2123	-3.6778	-5.3668	0.0000	0.0000	-8.9016
1360	1	Stage DL-C: DL-	-6.7886	-5.0678	-1.8474	-8.5113	-11.7318	0.0000	0.0000	-11.7318
1362	0	Stage DL-C: DL-	7.2835	9.1434	4.8493	5.3637	9.6778	0.0000	0.0000	9.6778
1362	1	Stage DL-C: DL-	7.2835	11.1861	9.8300	2.3410	4.8871	0.0000	0.0000	11.1861
1363	0	Stage DL-C: DL-	-6.4759	-12.7759	-8.5596	-4.1759	-7.3922	0.0000	0.0000	-12.7759
1363	1	Stage DL-C: DL-	-6.4759	-5.7818	-4.3723	-11.1700	-12.5795	0.0000	0.0000	-12.5795
1365	0	Stage DL-C: DL-	8.0614	8.4881	8.1397	8.6037	8.9832	0.0000	0.0000	8.9832
1365	1	Stage DL-C: DL-	8.0614	7.3331	15.1960	10.7897	2.9269	0.0000	0.0000	15.1960
1366	0	Stage DL-C: DL-	-10.0292	-12.8840	-11.4858	-7.1745	-8.5729	0.0000	0.0000	-12.8840
1366	1	Stage DL-C: DL-	-10.0292	-5.4491	-10.1105	-14.8094	-9.9480	0.0000	0.0000	-14.8094
1367	0	Stage DL-C: DL-	-3.0962	-1.9552	-4.1330	-4.4964	0.0000	0.0000	0.0000	-4.4964

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1367	1	Stage DL-C: DL-	-3.6185	-3.9117	-3.6292	-3.3103	0.0000	0.0000	0.0000	-3.9117
1368	0	Stage DL-C: DL-	0.0905	0.4483	0.3202	-0.5842	0.0000	0.0000	0.0000	-0.5842
1368	1	Stage DL-C: DL-	0.1128	-0.2149	-0.0291	0.6363	0.0000	0.0000	0.0000	0.6363
1369	0	Stage DL-C: DL-	-0.1528	-2.3895	-2.3895	0.7569	0.7569	0.0000	0.0000	-2.3895
1369	1	Stage DL-C: DL-	-0.1528	0.4962	0.4962	-0.4255	-0.4255	0.0000	0.0000	0.4962
1370	0	Stage DL-C: DL-	1.0258	-0.6311	-0.6311	1.7219	1.7219	0.0000	0.0000	1.7219
1370	1	Stage DL-C: DL-	1.0258	2.3235	2.3235	0.4606	0.4606	0.0000	0.0000	2.3235
1372	0	Stage DL-C: DL-	9.2579	7.0411	14.8779	11.4746	3.6379	0.0000	0.0000	14.8779
1372	1	Stage DL-C: DL-	9.2579	10.3125	9.7041	9.2033	9.8117	0.0000	0.0000	10.3125
1373	0	Stage DL-C: DL-	-10.3141	-6.1722	-10.9098	-14.4580	-9.7183	0.0000	0.0000	-14.4580
1373	1	Stage DL-C: DL-	-10.3141	-12.6312	-10.9138	-7.8969	-8.7144	0.0000	0.0000	-12.6312
1375	0	Stage DL-C: DL-	7.8905	11.4809	9.8677	4.3000	5.9132	0.0000	0.0000	11.4809
1375	1	Stage DL-C: DL-	7.8905	10.4418	5.8366	5.3391	9.9443	0.0000	0.0000	10.4418
1376	0	Stage DL-C: DL-	-9.2031	-7.5407	-5.8139	-10.6859	-12.5823	0.0000	0.0000	-12.5823
1376	1	Stage DL-C: DL-	-9.2031	-12.8667	-9.1579	-5.5395	-9.2484	0.0000	0.0000	-12.8667
1378	0	Stage DL-C: DL-	6.6410	11.8629	7.2559	1.4192	9.0263	0.0000	0.0000	11.8629
1378	1	Stage DL-C: DL-	6.6410	5.8058	3.0298	7.4765	10.2525	0.0000	0.0000	10.2525
1379	0	Stage DL-C: DL-	-8.0283	-7.4962	-3.7847	-8.5604	-12.2720	0.0000	0.0000	-12.2720
1379	1	Stage DL-C: DL-	-8.0283	-10.1557	-8.2414	-5.9006	-7.8152	0.0000	0.0000	-10.1557
1381	0	Stage DL-C: DL-	9.1974	17.5535	13.0216	0.9412	5.3731	0.0000	0.0000	17.5535
1381	1	Stage DL-C: DL-	9.1974	5.4051	16.2800	12.9898	2.1147	0.0000	0.0000	16.2800
1382	0	Stage DL-C: DL-	-7.2735	-6.6606	-4.7834	-7.8814	-9.7837	0.0000	0.0000	-9.7837
1382	1	Stage DL-C: DL-	-7.2735	-6.5173	-9.8369	-6.0298	-4.9101	0.0000	0.0000	-9.8369
1382	0	Stage DL-C: DL-	-1.1055	1.1797	-0.6198	-4.0609	0.0000	0.0000	0.0000	-4.0609
1383	1	Stage DL-C: DL-	-1.1277	-2.0927	-1.5800	0.4618	0.0000	0.0000	0.0000	-2.0927
1384	0	Stage DL-C: DL-	0.7405	-0.5753	0.1259	2.9047	0.0000	0.0000	0.0000	2.9047
1384	1	Stage DL-C: DL-	0.7827	1.8323	1.2421	-0.9884	0.0000	0.0000	0.0000	1.8323
1385	0	Stage DL-C: DL-	-0.5793	-1.8290	-1.8290	-0.0123	-0.0123	0.0000	0.0000	-1.8290
1385	1	Stage DL-C: DL-	-0.5793	-0.1466	-0.1466	-0.7598	-0.7598	0.0000	0.0000	-0.7598
1386	0	Stage DL-C: DL-	0.3929	-0.6715	-0.6715	0.9239	0.9239	0.0000	0.0000	0.9239
1386	1	Stage DL-C: DL-	0.3928	1.3206	1.3206	0.0030	0.0030	0.0000	0.0000	1.3206
1388	0	Stage DL-C: DL-	7.4184	7.5864	17.9181	7.2485	-3.0852	0.0000	0.0000	17.9181
1388	1	Stage DL-C: DL-	7.4184	9.4973	7.1134	5.3356	7.7165	0.0000	0.0000	9.4973
1389	0	Stage DL-C: DL-	-5.5856	-2.4062	-5.2983	-9.5649	-6.8719	0.0000	0.0000	-9.5649

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1389	1	Stage DL-C: DL-	-5.5856	-7.8789	-7.5790	-4.0923	-4.3921	0.0000	0.0000	-7.8789
1391	0	Stage DL-C: DL-	5.9488	13.5841	11.1803	-1.8711	0.7328	0.0000	0.0000	13.5841
1391	1	Stage DL-C: DL-	5.9488	9.2812	3.4797	2.8119	8.4134	0.0000	0.0000	9.2812
1392	0	Stage DL-C: DL-	-4.7901	-2.2208	-1.9038	-7.2995	-7.6163	0.0000	0.0000	-7.6163
1392	1	Stage DL-C: DL-	-4.7901	-7.3390	-5.9417	-2.1811	-3.5784	0.0000	0.0000	-7.3390
1394	0	Stage DL-C: DL-	4.5141	13.6138	7.8120	-4.5857	1.2162	0.0000	0.0000	13.6138
1394	1	Stage DL-C: DL-	4.5141	6.8240	3.5873	2.4041	5.4309	0.0000	0.0000	6.8240
1395	0	Stage DL-C: DL-	-3.5914	-1.8258	-0.5281	-5.2572	-6.6547	0.0000	0.0000	-6.6547
1395	1	Stage DL-C: DL-	-3.5914	-5.7704	-4.8048	-1.4124	-2.3783	0.0000	0.0000	-5.7704
1397	0	Stage DL-C: DL-	3.3246	10.2947	7.2878	-3.8450	-0.6382	0.0000	0.0000	10.2947
1397	1	Stage DL-C: DL-	3.3246	1.0664	6.6550	5.0833	-2.0053	0.0000	0.0000	6.6550
1398	0	Stage DL-C: DL-	-2.5661	-1.1457	-0.1957	-4.0304	-4.8794	0.0000	0.0000	-4.8794
1398	1	Stage DL-C: DL-	-2.5661	-3.2629	-3.8453	-1.9132	-1.3139	0.0000	0.0000	-3.8453
1399	0	Stage DL-C: DL-	-0.4171	1.8592	-0.0844	-3.1801	0.0000	0.0000	0.0000	-3.1801
1399	1	Stage DL-C: DL-	-0.4393	-1.2622	-0.7472	0.8087	0.0000	0.0000	0.0000	-1.2622
1400	0	Stage DL-C: DL-	0.2093	-0.6706	-0.1722	1.8157	0.0000	0.0000	0.0000	1.8157
1400	1	Stage DL-C: DL-	0.2315	1.1384	0.4943	-1.0363	0.0000	0.0000	0.0000	1.1384
1401	0	Stage DL-C: DL-	-0.3517	-1.9884	-1.8884	0.3359	0.3359	0.0000	0.0000	-1.9884
1401	1	Stage DL-C: DL-	-0.3517	0.2158	0.2158	-0.5901	-0.5901	0.0000	0.0000	-0.5901
1402	0	Stage DL-C: DL-	0.0662	-0.6611	-0.6611	0.4172	0.4172	0.0000	0.0000	-0.6611
1402	1	Stage DL-C: DL-	0.0662	0.7407	0.7407	-0.1717	-0.1717	0.0000	0.0000	0.7407
1404	0	Stage DL-C: DL-	1.8693	3.3222	9.9198	0.6183	-5.6813	0.0000	0.0000	9.9198
1404	1	Stage DL-C: DL-	1.8693	4.0358	3.0584	-0.0973	0.8601	0.0000	0.0000	4.0358
1405	0	Stage DL-C: DL-	-1.6070	0.0584	-0.3618	-3.3123	-2.8522	0.0000	0.0000	-3.3123
1405	1	Stage DL-C: DL-	-1.6070	-2.7855	-2.7359	-0.4265	-0.4691	0.0000	0.0000	-2.7855
1407	0	Stage DL-C: DL-	0.8819	6.9001	5.9132	-4.9364	-3.9494	0.0000	0.0000	6.9001
1407	1	Stage DL-C: DL-	0.8819	3.1993	1.2206	-1.2056	0.7432	0.0000	0.0000	3.1993
1408	0	Stage DL-C: DL-	-0.7841	1.0106	1.0779	-2.5759	-2.8459	0.0000	0.0000	-2.8459
1408	1	Stage DL-C: DL-	-0.7841	-2.1012	-1.8878	0.5530	0.3297	0.0000	0.0000	-2.1012
1410	0	Stage DL-C: DL-	0.1024	6.1954	4.2593	-5.9906	-4.0535	0.0000	0.0000	6.1954
1410	1	Stage DL-C: DL-	0.1024	1.4147	2.1582	-1.2086	-1.9535	0.0000	0.0000	2.1582
1411	0	Stage DL-C: DL-	-0.0068	1.3677	1.5829	-1.4053	-1.6505	0.0000	0.0000	-1.6505
1411	1	Stage DL-C: DL-	-0.0068	-1.1280	-0.8479	1.0734	0.7903	0.0000	0.0000	-1.1280
1413	0	Stage DL-C: DL-	-0.6030	3.2832	4.0344	-4.4691	-5.2403	0.0000	0.0000	-5.2403

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1413	1	Stage DL-C: DL-	-0.6030	2.0441	1.6853	-5.2503	-5.1913	0.0000	0.0000	-5.2503
1414	0	Stage DL-C: DL-	0.5523	1.5514	1.8244	-0.4468	-0.7198	0.0000	0.0000	1.8244
1414	1	Stage DL-C: DL-	0.5523	-0.1608	0.3279	1.2653	0.7798	0.0000	0.0000	1.2653
1415	0	Stage DL-C: DL-	-0.2566	0.6551	-0.2321	-1.2394	0.0000	0.0000	0.0000	-1.2394
1415	1	Stage DL-C: DL-	-0.2610	-0.3629	-0.4374	0.0468	0.0000	0.0000	0.0000	-0.4374
1416	0	Stage DL-C: DL-	0.1495	-0.0943	-0.1029	0.7419	0.0000	0.0000	0.0000	0.7419
1416	1	Stage DL-C: DL-	0.1717	0.8555	0.1775	-0.5201	0.0000	0.0000	0.0000	0.8555
1417	0	Stage DL-C: DL-	-0.5646	-0.5662	-0.5662	0.1461	0.1461	0.0000	0.0000	-0.5662
1417	1	Stage DL-C: DL-	-0.0646	-0.3100	-0.3100	0.0388	0.0388	0.0000	0.0000	-0.3100
1418	0	Stage DL-C: DL-	-0.1406	-0.2136	-0.2136	-0.1099	-0.1099	0.0000	0.0000	-0.2136
1418	1	Stage DL-C: DL-	-0.1406	0.2000	0.2000	-0.2837	-0.2837	0.0000	0.0000	-0.2837
1420	0	Stage DL-C: DL-	-1.2375	2.5822	2.3745	-5.0672	-4.8495	0.0000	0.0000	-5.0672
1420	1	Stage DL-C: DL-	-1.2375	1.2275	1.5112	-3.9024	-3.6862	0.0000	0.0000	-3.9862
1421	0	Stage DL-C: DL-	1.0463	1.5853	2.1245	0.5273	-0.0319	0.0000	0.0000	2.1245
1421	1	Stage DL-C: DL-	1.0463	0.7511	0.4808	1.3415	1.6118	0.0000	0.0000	1.6118
1423	0	Stage DL-C: DL-	-1.8124	2.2210	2.4046	-5.4459	-5.6295	0.0000	0.0000	-5.6295
1423	1	Stage DL-C: DL-	-1.8124	0.6555	1.4315	-3.8804	-4.6564	0.0000	0.0000	-4.6564
1424	0	Stage DL-C: DL-	1.4030	2.3874	2.1174	0.4185	0.6885	0.0000	0.0000	2.3874
1424	1	Stage DL-C: DL-	1.4030	1.3499	0.7985	1.4560	2.0074	0.0000	0.0000	2.0074
1426	0	Stage DL-C: DL-	-1.9023	1.4064	2.1615	-5.2110	-5.9661	0.0000	0.0000	-5.9661
1426	1	Stage DL-C: DL-	-1.9023	0.9970	0.9511	-4.8016	-4.7557	0.0000	0.0000	-4.8016
1427	0	Stage DL-C: DL-	1.8559	2.5170	1.9661	0.7945	1.3455	0.0000	0.0000	2.5170
1427	1	Stage DL-C: DL-	1.8559	1.6292	1.4799	1.8824	1.8329	0.0000	0.0000	1.8829
1429	0	Stage DL-C: DL-	-2.0468	1.4240	1.3798	-5.5177	-5.4703	0.0000	0.0000	-5.5177
1429	1	Stage DL-C: DL-	-2.0468	1.7611	0.4450	-5.8547	-4.5387	0.0000	0.0000	-5.8547
1430	0	Stage DL-C: DL-	1.7942	2.2693	2.1197	1.3191	1.4687	0.0000	0.0000	2.2693
1430	1	Stage DL-C: DL-	1.7942	1.3322	2.3499	2.2563	1.2385	0.0000	0.0000	2.3499
1431	0	Stage DL-C: DL-	-0.2394	0.4038	-0.3557	-0.6872	0.0000	0.0000	0.0000	-0.6872
1431	1	Stage DL-C: DL-	-0.2516	-0.2291	-0.3122	-0.1905	0.0000	0.0000	0.0000	-0.3122
1432	0	Stage DL-C: DL-	0.0837	0.1429	-0.0518	0.2116	0.0000	0.0000	0.0000	0.2116
1432	1	Stage DL-C: DL-	0.1056	0.5459	0.0815	-0.3004	0.0000	0.0000	0.0000	0.5459
1433	0	Stage DL-C: DL-	0.0628	-0.3969	-0.3969	0.2560	0.2560	0.0000	0.0000	-0.3969
1433	1	Stage DL-C: DL-	0.0628	-0.0624	-0.0624	0.1238	0.1238	0.0000	0.0000	0.1238
1434	0	Stage DL-C: DL-	-0.2325	-0.1674	-0.1674	-0.2598	-0.2598	0.0000	0.0000	-0.2598

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1434	1	Stage DL-C: DL-	-0.2325	-0.0022	-0.0022	-0.3292	-0.3292	0.0000	0.0000	-0.3292
1436	0	Stage DL-C: DL-	-2.1743	1.5053	0.1352	-5.8539	-4.4838	0.0000	0.0000	-5.8539
1436	1	Stage DL-C: DL-	-2.1743	1.4893	1.6219	-5.9176	-5.9706	0.0000	0.0000	-5.9706
1437	0	Stage DL-C: DL-	1.5902	0.1863	1.2387	2.9811	1.9407	0.0000	0.0000	2.9811
1437	1	Stage DL-C: DL-	1.5902	4.2392	3.8204	-1.0566	-0.7400	0.0000	0.0000	4.2392
1439	0	Stage DL-C: DL-	-1.8793	0.6492	0.6025	-4.4078	-4.5810	0.0000	0.0000	-4.5810
1439	1	Stage DL-C: DL-	-1.8793	1.3468	2.5557	-5.1063	-6.3143	0.0000	0.0000	-6.3143
1440	0	Stage DL-C: DL-	1.8448	5.5078	5.1890	-1.8183	-1.4994	0.0000	0.0000	5.5078
1440	1	Stage DL-C: DL-	1.8448	9.9418	9.0403	-6.2523	-5.3508	0.0000	0.0000	9.9418
1442	0	Stage DL-C: DL-	-1.4218	0.0952	1.3013	-2.9369	-4.1448	0.0000	0.0000	-4.1448
1442	1	Stage DL-C: DL-	-1.4218	3.0467	3.9512	-5.8834	-6.7846	0.0000	0.0000	-6.7846
1443	0	Stage DL-C: DL-	1.1880	6.8765	5.9751	-4.5048	-3.6036	0.0000	0.0000	6.8765
1443	1	Stage DL-C: DL-	1.1880	8.7481	7.9237	-6.3760	-5.5516	0.0000	0.0000	8.7481
1445	0	Stage DL-C: DL-	-0.5015	1.0364	1.9355	-2.0383	-2.9384	0.0000	0.0000	-2.9384
1445	1	Stage DL-C: DL-	-0.5015	3.1927	3.4488	-4.1958	-4.4497	0.0000	0.0000	-4.4497
1446	0	Stage DL-C: DL-	0.7545	6.7806	5.9567	-5.2719	-4.4478	0.0000	0.0000	6.7806
1446	1	Stage DL-C: DL-	0.7545	6.3460	6.0043	-4.8371	-4.4953	0.0000	0.0000	6.3460
1447	0	Stage DL-C: DL-	-0.6721	-0.2835	-0.4656	-2.0443	0.0000	0.0000	0.0000	-2.0443
1447	1	Stage DL-C: DL-	-0.6943	-1.3331	-1.9218	0.8627	0.0000	0.0000	0.0000	-1.9218
1448	0	Stage DL-C: DL-	-0.8062	-1.8013	-2.1636	2.0858	0.0000	0.0000	0.0000	-2.1636
1448	1	Stage DL-C: DL-	-0.7860	-0.0662	-0.0659	-2.4700	0.0000	0.0000	0.0000	-2.4700
1449	0	Stage DL-C: DL-	0.2792	-0.0947	-0.0947	0.4363	0.4363	0.0000	0.0000	0.4363
1449	1	Stage DL-C: DL-	0.2792	0.1732	0.1732	0.3237	0.3237	0.0000	0.0000	0.3237
1450	0	Stage DL-C: DL-	0.2579	0.1170	0.1170	0.3170	0.3170	0.0000	0.0000	0.3170
1450	1	Stage DL-C: DL-	0.2579	0.5052	0.5052	0.1539	0.1539	0.0000	0.0000	0.5052

CONSTRUCTORA MOYEDA SA DE CV

EJE-50 ANALISIS CARGA VIVA

Sábado, 14 de Marzo de 2009	CONSTRUCTORA MOYEDA CONSTRUCTORA MOYEDA SA DE CV	MORONES PRIETO 1310 PTE COL. PIO X MONTERREY, NL. MEXICO 64710 Tel: 818-348-2404

PROJECT SUMMARY

INPUT PROPERTIES	Count
Universal Restraints	None
Materials	4
Sections	7
User Coordinate System	1
Spring Curves	None
Isolator Property	None
Creep Definitions	None

INPUT GEOMETRY	Count
Joints	1282
Members	1450
Plates	825
Springs	None
Isolators / Bearings	None
Mass Elements	None
Slave / Masters	None
Tendons	None

LOAD CASES	Count
Load Cases	1
Combination Cases	None
Construction Stages	None
Linked Databases	1

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INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 5	- RESULT ENVELOPE :Reactions @ Force Z (kips)	Page 18
- INPUT : UCSs	Page 5	- RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)	Page 19
- INPUT : Sections	Page 5	- RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)	Page 55
- INPUT : Section Stress Points	Page 5		
- INPUT : Section Dimensions	Page 6		
- INPUT : More Material Properties	Page 6		
- STRUCTURE GROUP SUMMARY	Page 7		
- Load Cases	Page 14		
- STRUCTURE GROUP SUMMARY	Page 15		

Graphics View 1

Zoom 1.563X

INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
A572-G50	2.04e7	0.2946	7,874,347.79	7.8491	11.700000	Yes
Fu=350	2,824,952.00	0.1800	1,197,013.56	0.0000	9.900000	Yes
Rigid Material	1.00e10	0.1111	4.30e9	0.0000	0.000000	Yes
A36	2.04e7	0.2946	7,874,347.79	7.8491	11.700000	Yes

INPUT : UCSs

Name	Type	Origin X (m)	Origin Y (m)	Origin Z (m)	Axis Point X (m)	Axis Point Y (m)	Axis Point Z (m)	Point on XY Plane X	Point on XY Plane Y	Point on XY Plane Z	Angle Z	Angle X	Angle Y	Assigned
eje50	Bridge	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000				No

INPUT : Sections

Name	Section Area (m²)	Shear Area in yy (m²)	Shear Area in zz (m²)	Torsion Constant (m^4)	Inertia Izz (m^4)	Inertia Iyy (m^4)	Plastic Modulus Zyy (m³)	Plastic Modulus Zzz (m³)	Perimeter (m)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
Rigid Connection	10.0000e8	0.0000	0.0000	10.0000e8	10.0000e8	10.0000e8	0.0000	0.0000	0.0000	(NONE)	50.	0.	Yes
Patin Superior	16.0000	13.3333	13.3333	5.3280	1.3333	341.3333	0.0000	0.0000	34.0000	(NONE)	50.	0.	Yes
Patin Inferior	25.0000	20.8333	20.8333	13.0078	3.2552	833.5333	0.0000	0.0000	42.5000	(NONE)	50.	0.	Yes
L8x8x3/4 [DB:American]	8.44	3.75	3.75	1.81	28.2	28.2	12	12	24	0	50	0	Yes
dummy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	(NONE)	50.	0.	No
2L8x8x3/4 [DB:American]	16.8	0	0	0	56.3	0	0	24	0	0	50	0	Yes
Patin-Sup 2"	32.0000	26.6667	26.6667	39.2960	10.6667	682.6667	0.0000	0.0000	36.0000	(NONE)	50.	0.	Yes

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
Rigid Connection	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	(none)	(none)	(none)	(none)
Patin Superior	0.5000	8.0000	0.5000	-8.0000	-0.5000	-8.0000	-0.5000	8.0000	(none)	(none)	(none)	(none)
Patin Inferior	0.6250	10.0000	0.6250	-10.0000	-0.6250	-10.0000	-0.6250	10.0000	(none)	(none)	(none)	(none)
L8x8x3/4 [DB:American]	4.2250	-1.7750	-1.7750	-1.7750	-1.7750	4.2250	(none)	(none)	(none)	(none)	(none)	(none)
dummy	0.0005	0.0005	0.0005	-0.0005	-0.0005	-0.0005	-0.0005	0.0005	(none)	(none)	(none)	(none)
2L8x8x3/4 [DB:American]	4.2250	0.7500	4.2250	-0.7500	-1.7750	-8.0000	-1.7750	-8.0000	(none)	(none)	(none)	(none)

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
Patin-Sup 2"	1.0000	8.0000	1.0000	-8.0000	-1.0000	-8.0000	-1.0000	8.0000	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
Rigid Connection	Unspecified						
Patin Superior	Rectangle	1.0000	16.0000				
Patin Inferior	Rectangle	1.2500	20.0000				
L8x8x3/4 [DB:American]	Angle (DB)	8	8	.75			
dummy	Rectangle	0.0010	0.0010				
2L8x8x3/4 [DB:American]	2L Shape (DB)	8	8	.75	0		
Patin-Sup 2"	Rectangle	2.0000	16.0000				

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
A572-G50	35,153.34	0.020	Cylinder	45,699.34	Not Concrete	0.00	(NONE)	Yes
Fu=350	0.00	0.020	Cylinder	3,515.33	Not Concrete	0.00	(NONE)	Yes
Rigid Material	0.00	0.020	Cylinder	0.00	Not Concrete	0.00	(NONE)	Yes
A36	25,310.40	0.020	Cylinder	40,777.87	Not Concrete	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

Diafragmas

Members

228	229	230	231	244	245	246	247	260	261
262	263	276	277	278	279	292	293	294	295
308	309	310	311	324	325	326	327	340	341
342	343	356	357	358	359	372	373	374	375
385	386	387	388	401	402	403	404	417	418
419	420	433	434	435	436	449	450	451	452
465	466	467	468	481	482	483	484	497	498
499	500	513	514	515	516	529	530	531	532
534	535	536	537	550	551	552	553	566	567
568	569	582	583	584	585	598	599	600	601
614	615	616	617	630	631	632	633	646	647
648	649	662	663	664	665	678	679	680	681
691	692	693	694	707	708	709	710	723	724
725	726	739	740	741	742	755	756	757	758
771	772	773	774	787	788	789	790	803	804
806	806	819	820	821	822	835	836	837	838
840	841	842	843	856	857	858	859	872	873
874	875	888	888	890	891	904	905	906	907
920	921	922	923	936	937	938	939	952	953
954	955	968	969	970	971	984	985	986	987
997	998	999	1000	1013	1014	1015	1016	1029	1030
1031	1032	1045	1046	1047	1048	1061	1062	1063	1064
1077	1078	1079	1080	1093	1094	1095	1096	1109	1110
1111	1112	1125	1126	1127	1128	1141	1142	1143	1144
1146	1147	1148	1149	1162	1163	1164	1165	1178	1179
1180	1181	1194	1195	1196	1197	1210	1211	1212	1213
1226	1227	1228	1229	1242	1243	1244	1245	1258	1259
1260	1261	1274	1275	1276	1277	1290	1291	1292	1293
1303	1304	1305	1306	1319	1320	1321	1322	1335	1336
1337	1338	1351	1352	1353	1354	1367	1368	1369	1370
1383	1384	1385	1386	1399	1400	1401	1402	1415	1416

1417	1418	1431	1432	1433	1434	1447	1448	1449	1450

Viga1

Joints

78	79	81	82	84	85	87	89	90	91
93	94	96	97	99	100	102	103	105	106
108	109	111	112	114	115	117	118	120	121
123	124	126	127	129	130	132	133	135	136
138	139	141	142	144	145	147	148	150	151
153	154	156	157	159	160	162	163	165	166
168	169	171	172	174	175	177	178	180	181
183	184	186	187	189	190	192	193	195	196
198	199	201	202	204	205	207	208	210	211
213	214	216	217	219	220	222	223	225	226
228	229	231	232	234	235	237	238	240	241
243	244	246	247	249	250	252	253	255	256
258	259	261	262	264	265	267	268	270	271
273	274	276	277	279	280	282	283	285	286
288	289	291	292	294	295	297	298	300	301
303	304								

Members

3	4	6	7	9	10	12	13	15	16
18	19	21	22	24	25	27	28	30	31
33	34	36	37	39	40	42	43	45	46
48	49	51	52	54	55	57	58	60	61
63	64	66	67	69	70	72	73	75	76
78	79	81	82	84	85	87	88	90	91
93	94	96	97	99	100	102	103	105	106
108	109	111	112	114	115	117	118	120	121
123	124	126	127	129	130	132	133	135	136
138	139	141	142	144	145	147	148	150	151
153	154	156	157	159	160	162	163	165	166
168	169	171	172	174	175	177	178	180	181
183	184	186	187	189	190	192	193	195	196
198	199	201	202	204	205	207	208	210	211
213	214	216	217	219	220	222	223	225	226

Plates

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75					

Viga2

Joints

306	307	309	310	312	313	315	316	318	319
321	322	324	325	327	328	330	331	333	334
336	337	339	340	342	343	345	346	348	348
351	352	354	355	357	358	360	361	363	364
366	367	368	370	372	373	375	376	378	379
381	382	384	385	387	388	390	391	393	394
396	397	399	400	402	403	405	406	408	408
411	412	414	415	417	418	420	421	423	424
426	427	429	430	432	433	435	436	438	439
441	442	444	445	447	448	450	451	453	454
456	457	459	460	462	463	465	466	468	468
471	472	474	475	477	478	480	481	483	484
486	487	489	490	492	493	495	496	498	498
501	502	504	505	507	508	510	511	513	514
516	517	519	520	522	523	525	526	528	528
531	532								

Members

233	234	236	237	239	240	242	243	246	250
252	253	255	256	258	259	265	268	268	269
271	272	274	275	281	282	284	285	287	288
290	291	297	298	300	301	303	304	306	307
313	314	316	317	319	320	322	323	329	330
332	333	335	336	338	339	345	346	348	349
351	352	354	355	361	362	364	365	367	368

370	371	377	378	380	381	383	384	390	391
393	394	396	397	399	400	406	407	409	410
412	413	415	416	422	423	425	426	428	429
431	432	436	439	441	442	444	445	447	448
454	455	457	458	460	461	463	464	470	471
473	474	476	477	479	480	486	487	489	490
492	493	495	496	502	503	505	506	508	509
511	512	518	519	521	522	524	525	527	528

Plates

76	77	78	79	80	81	82	83	84	85
86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115
116	117	118	119	120	121	122	123	124	125
126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145
146	147	148	149	150					

Viga3

Joints

534	535	537	538	540	541	543	544	546	547
548	550	552	553	555	556	558	559	561	562
564	565	567	568	570	571	573	574	576	577
579	580	582	583	585	586	588	589	591	592
594	595	597	598	600	601	603	604	606	607
608	610	612	613	615	616	618	619	621	622
624	625	627	628	630	631	633	634	636	637
639	640	642	643	645	646	648	649	651	652
654	655	657	658	660	661	663	664	666	667
668	670	672	673	675	676	678	679	681	682
684	685	687	688	690	691	693	694	696	697
698	700	702	703	705	706	708	709	711	712
714	715	717	718	720	721	723	724	726	727
729	730	732	733	735	736	738	739	741	742
744	745	747	748	750	751	753	754	756	757
759	760								

Members

539	540	542	543	545	546	548	549	555	558
559	559	561	562	564	565	571	572	574	575
577	578	580	581	587	588	590	591	593	594
596	597	603	604	606	607	609	610	612	613
619	620	622	623	625	626	628	629	635	636
636	639	641	642	644	645	651	652	654	655
657	658	660	661	667	668	670	671	673	674
676	677	683	684	689	687	688	690	696	697
699	700	702	703	705	706	712	713	715	716
718	719	721	722	728	729	731	732	734	735
737	738	744	745	747	748	750	751	753	754
760	761	763	764	766	767	769	770	776	777
779	780	782	783	785	786	792	793	795	796
798	799	801	802	808	809	811	812	814	815
817	818	824	825	827	828	830	831	833	834

Plates

151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225					

Vigas

Joints

762	763	765	766	768	769	771	772	774	775
777	778	780	781	783	784	786	787	789	790
792	793	795	796	798	799	801	802	804	805
807	808	810	811	813	814	816	817	819	820
822	823	825	826	828	829	831	833	834	835
837	838	840	841	843	844	846	847	848	850
852	853	855	856	858	859	861	862	864	865
867	868	870	871	873	874	876	877	879	880

882	883	885	886	888	889	891	892	894	895
897	898	900	901	903	904	906	907	909	910
912	913	915	916	918	919	921	922	924	925
927	928	930	931	933	934	936	937	939	940
942	943	945	946	948	948	951	952	954	955
957	958	960	961	963	964	966	967	969	970
972	973	975	976	978	979	981	982	984	985
987	988								

Members

845	848	848	849	851	852	854	855	861	862
864	865	867	868	870	871	877	878	880	881
883	884	886	887	893	894	896	897	899	900
902	903	909	910	912	913	915	916	918	919
925	926	928	929	931	932	934	935	941	942
944	945	947	948	950	951	957	958	960	961
963	964	966	967	973	974	976	977	979	980
982	983	989	990	992	993	995	996	1002	1003
1005	1006	1008	1009	1011	1012	1018	1019	1021	1022
1024	1025	1027	1028	1034	1035	1037	1038	1040	1041
1043	1044	1050	1051	1053	1054	1056	1057	1059	1060
1066	1067	1068	1070	1072	1073	1075	1076	1082	1083
1085	1086	1088	1089	1091	1092	1098	1099	1101	1102
1104	1105	1107	1108	1114	1115	1117	1118	1120	1121
1123	1124	1130	1131	1133	1134	1136	1137	1139	1140

Plates

226	227	228	229	230	231	232	233	234	235
236	237	238	239	240	241	242	243	244	245
246	247	248	249	250	251	252	253	254	255
256	257	258	259	260	261	262	263	264	265
266	267	268	269	270	271	272	273	274	275
276	277	278	279	280	281	282	283	284	285
286	287	288	289	290	291	292	293	294	295
296	297	298	299	300					

Vigas

Joints

990	991	993	994	996	997	999	1000	1002	1003
1005	1006	1008	1009	1011	1012	1014	1015	1017	1018
1020	1021	1023	1024	1026	1027	1029	1030	1032	1033
1035	1036	1038	1039	1041	1042	1044	1045	1047	1048
1050	1051	1053	1054	1056	1057	1059	1060	1062	1063
1065	1066	1068	1069	1071	1072	1074	1075	1077	1078
1080	1081	1083	1084	1086	1087	1089	1090	1092	1093
1095	1096	1098	1099	1101	1102	1104	1105	1107	1108
1110	1111	1113	1114	1116	1117	1118	1120	1122	1123
1125	1126	1128	1129	1131	1132	1134	1135	1137	1138
1140	1141	1143	1144	1146	1147	1148	1150	1152	1153
1155	1156	1158	1159	1161	1162	1164	1165	1167	1168
1170	1171	1173	1174	1176	1177	1179	1180	1182	1183
1185	1186	1188	1189	1191	1192	1194	1195	1197	1198
1200	1201	1203	1204	1206	1207	1209	1210	1212	1213
1215	1216								
Members									
1151	1152	1154	1155	1157	1158	1160	1161	1167	1166
1170	1171	1173	1174	1176	1177	1183	1184	1186	1187
1189	1190	1192	1193	1196	1200	1202	1203	1205	1206
1208	1209	1215	1216	1216	1218	1221	1222	1224	1225
1231	1232	1234	1235	1237	1238	1240	1241	1247	1248
1250	1251	1253	1254	1256	1257	1263	1264	1266	1267
1269	1270	1272	1273	1279	1280	1282	1283	1285	1286
1288	1289	1295	1295	1298	1299	1301	1302	1308	1309
1311	1312	1314	1315	1317	1318	1324	1325	1327	1328
1330	1331	1333	1334	1340	1341	1343	1344	1346	1347
1349	1350	1356	1357	1359	1360	1362	1363	1365	1366
1372	1373	1375	1376	1378	1379	1381	1382	1388	1389
1391	1392	1394	1395	1397	1398	1404	1405	1407	1408
1410	1411	1413	1414	1420	1421	1423	1424	1426	1427
1429	1430	1436	1437	1439	1440	1442	1443	1445	1446
Plates									
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328	329	330

331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375					

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinati	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loading	# of THA Initial
1	INFLUENCE	Moving	None	Active	0.0000	0.0000	0.0000	No	No	0	0	0	0	0	0	0	0

POST-COMPUTED RESULT CASES SUMMARY

Influence Based Case: LINEAonPLATES/T3S2R4-2D[x2] (EE)

Influence Line	Influence Surface Coefficients LINEAonPLATES GZ-
Vehicle	T3S2R4-I
Vehicle	T3-S3
Transverse Offset	0
Lane Loading Method	Constant Loading
Lane Load	0
Back-to-Front Vehicle Spacing	0
Side-to-Side Vehicle Spacing	1.2
Load for Extreme Force Effects	Yes
AASHTO-LFD Point Loading	No
Complete Patterns Only	No
Vehicle Placement	One Vehicle Per Design Lane
Design Lane Width	1.8
Design Lane Margin	0
Multiple Presence Factors	1| 1| .8
Include Lane Load Under Vehicles	Yes

Influence Based Case: LINEAonPLATES/CF@6M

Influence Line	Influence Surface Coefficients LINEAonPLATES GZ-
Vehicle	T3S2R4-I
Transverse Offset	0
Lane Loading Method	Constant Loading
Lane Load	0
Back-to-Front Vehicle Spacing	0
Side-to-Side Vehicle Spacing	0
Load for Extreme Force Effects	Yes
AASHTO-LFD Point Loading	No
Complete Patterns Only	No
Vehicle Placement	One Vehicle Per Design Lane
Design Lane Width	6
Design Lane Margin	0
Multiple Presence Factors	1| 1
Include Lane Load Under Vehicles	No

Linear Result Combination: 2.71375LL+1.3CF

Combine For Extreme Effects	Yes		
Load Class	None		
Case	Factor	Load Class	Incremental
LINEAonPLATES/T3S2R4-2D[x2] (EE)	2.71375	None	No
LINEAonPLATES/CF@6M	1.3	None	No

Result Cases Summary

Linear Combinations: 2.71375LL+1.3CF
Influence-Based: LINEAonPLATES/T3S2R4-2D[x2] (EE) * 2.71375

Influence Surface Coefficients LINEAonPLATES GZ- for extreme effects

T3S2R4-2D

T3S2R4-2D

1.2m side-to-side vehicle spacing

Influence-Based: LINEAonPLATES/CF@6M * 1.3

Influence Surface Coefficients LINEAonPLATES GZ- for extreme effects

CF-PAR [0.456ac]

RESULT ENVELOPE :Reactions @ Force Z (kips) Result Cases

2.71375LL+1.3CF		

RESULT ENVELOPE :Reactions @ Force Z (kips)

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
79	2.71375LL+1.3CF	-13.1941	-7.1606	-71.5228	0.0000	0.0000	0.0000
79	2.71375LL+1.3CF	27.5510	5.8737	134.7098	0.0000	0.0000	0.0000
139	2.71375LL+1.3CF	0.0000	0.0000	-76.0194	0.0000	0.0000	0.0000
139	2.71375LL+1.3CF	0.0000	0.0000	236.8160	0.0000	0.0000	0.0000
244	2.71375LL+1.3CF	0.0000	0.0000	-76.8964	0.0000	0.0000	0.0000
244	2.71375LL+1.3CF	0.0000	0.0000	237.0767	0.0000	0.0000	0.0000
304	2.71375LL+1.3CF	0.0000	0.0000	-60.9808	0.0000	0.0000	0.0000
304	2.71375LL+1.3CF	0.0000	0.0000	67.6579	0.0000	0.0000	0.0000
307	2.71375LL+1.3CF	-3.1385	0.0000	-26.4678	0.0000	0.0000	0.0000
307	2.71375LL+1.3CF	2.1781	0.0000	75.3337	0.0000	0.0000	0.0000
367	2.71375LL+1.3CF	0.0000	0.0000	-24.4283	0.0000	0.0000	0.0000
367	2.71375LL+1.3CF	0.0000	0.0000	176.4273	0.0000	0.0000	0.0000

RESULT ENVELOPE :Reactions @ Force Z (kips)

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
472	2.7137SLL+1.3CF	0.0000	0.0000	-24.8863	0.0000	0.0000	0.0000
472	2.7137SLL+1.3CF	0.0000	0.0000	176.0423	0.0000	0.0000	0.0000
532	2.7137SLL+1.3CF	0.0000	0.0000	-25.0187	0.0000	0.0000	0.0000
532	2.7137SLL+1.3CF	0.0000	0.0000	72.6967	0.0000	0.0000	0.0000
535	2.7137SLL+1.3CF	-3.5104	0.0000	-32.2056	0.0000	0.0000	0.0000
535	2.7137SLL+1.3CF	6.8575	0.0000	63.0320	0.0000	0.0000	0.0000
595	2.7137SLL+1.3CF	0.0000	0.0000	-15.5018	0.0000	0.0000	0.0000
595	2.7137SLL+1.3CF	0.0000	0.0000	183.4063	0.0000	0.0000	0.0000
700	2.7137SLL+1.3CF	0.0000	0.0000	-15.6072	0.0000	0.0000	0.0000
700	2.7137SLL+1.3CF	0.0000	0.0000	182.6101	0.0000	0.0000	0.0000
760	2.7137SLL+1.3CF	0.0000	0.0000	-30.7090	0.0000	0.0000	0.0000
760	2.7137SLL+1.3CF	0.0000	0.0000	74.5673	0.0000	0.0000	0.0000
763	2.7137SLL+1.3CF	1.8418	0.0000	-46.5378	0.0000	0.0000	0.0000
763	2.7137SLL+1.3CF	-0.0242	0.0000	118.3422	0.0000	0.0000	0.0000
823	2.7137SLL+1.3CF	0.0000	0.0000	-16.3977	0.0000	0.0000	0.0000
823	2.7137SLL+1.3CF	0.0000	0.0000	214.6308	0.0000	0.0000	0.0000
828	2.7137SLL+1.3CF	0.0000	0.0000	-16.4034	0.0000	0.0000	0.0000
828	2.7137SLL+1.3CF	0.0000	0.0000	214.8286	0.0000	0.0000	0.0000
868	2.7137SLL+1.3CF	0.0000	0.0000	-46.6867	0.0000	0.0000	0.0000
868	2.7137SLL+1.3CF	0.0000	0.0000	94.7834	0.0000	0.0000	0.0000
891	2.7137SLL+1.3CF	14.2577	0.0000	-93.2710	0.0000	0.0000	0.0000
891	2.7137SLL+1.3CF	9.4578	0.0000	155.8483	0.0000	0.0000	0.0000
1051	2.7137SLL+1.3CF	0.0000	0.0000	-33.9074	0.0000	0.0000	0.0000
1051	2.7137SLL+1.3CF	0.0000	0.0000	257.8618	0.0000	0.0000	0.0000
1156	2.7137SLL+1.3CF	0.0000	0.0000	-34.8506	0.0000	0.0000	0.0000
1156	2.7137SLL+1.3CF	0.0000	0.0000	256.8847	0.0000	0.0000	0.0000
1218	2.7137SLL+1.3CF	0.0000	0.0000	-55.5883	0.0000	0.0000	0.0000
1218	2.7137SLL+1.3CF	0.0000	0.0000	115.7418	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips) Result Cases

2.7137SLL+1.3CF		

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
228	306	2.7137SLL+1.3CF	-12.2130	0.0516	0.5785	-0.0334	-2.4071	0.2730
228	306	2.7137SLL+1.3CF	15.1841	-0.1060	-0.6736	0.0254	2.5846	-0.5009
228	79	2.7137SLL+1.3CF	-15.1841	0.1060	0.6736	-0.0254	2.3061	-0.2660
228	79	2.7137SLL+1.3CF	12.2130	-0.0516	-0.5785	0.0334	-1.7946	0.1019
229	307	2.7137SLL+1.3CF	-10.0620	0.0685	0.7175	-0.0182	-2.6577	0.0288
229	307	2.7137SLL+1.3CF	22.8031	-0.0483	-0.1439	0.0065	0.4457	0.0763
229	79	2.7137SLL+1.3CF	-22.8031	0.0483	0.1439	-0.0065	0.5998	-0.4274
229	79	2.7137SLL+1.3CF	10.0620	-0.0685	-0.7175	0.0182	-2.5542	0.4761
230	308	2.7137SLL+1.3CF	-3.9631	-0.1822	0.0000	0.0000	0.0000	-0.2212
230	308	2.7137SLL+1.3CF	0.4095	-0.0401	0.0000	0.0000	0.0000	-0.0956
230	79	2.7137SLL+1.3CF	-0.4095	0.0401	0.0000	0.0000	0.0000	-0.1150
230	79	2.7137SLL+1.3CF	3.9631	0.1822	0.0000	0.0000	0.0000	-0.7352
231	307	2.7137SLL+1.3CF	-10.6410	0.0789	0.0000	0.0000	0.0000	0.3888
231	307	2.7137SLL+1.3CF	3.5704	0.0057	0.0000	0.0000	0.0000	0.0356
231	79	2.7137SLL+1.3CF	-3.5704	-0.0057	0.0000	0.0000	0.0000	-0.0056
231	79	2.7137SLL+1.3CF	10.6410	-0.0789	0.0000	0.0000	0.0000	0.3256
244	318	2.7137SLL+1.3CF	-22.8063	0.0161	0.2284	-0.0134	-0.8609	0.1972
244	318	2.7137SLL+1.3CF	11.7019	0.0065	-0.3726	0.0140	1.4155	-0.0577
244	91	2.7137SLL+1.3CF	-11.7019	-0.0065	0.3726	-0.0140	1.2908	0.1052
244	91	2.7137SLL+1.3CF	22.8063	-0.0161	-0.2284	0.0134	-0.8884	-0.0800
245	319	2.7137SLL+1.3CF	-13.3984	0.0703	-0.4154	0.0114	1.5013	0.1705
245	319	2.7137SLL+1.3CF	28.0075	-0.2035	0.3715	-0.0072	-1.4417	-0.4585
245	90	2.7137SLL+1.3CF	-28.0075	0.2035	-0.3715	0.0072	-1.2568	-1.0184
245	90	2.7137SLL+1.3CF	13.3984	-0.0703	0.4154	-0.0114	1.5161	0.3401
246	318	2.7137SLL+1.3CF	-4.3943	0.0179	0.0000	0.0000	0.0000	0.0781
246	318	2.7137SLL+1.3CF	2.1946	-0.0951	0.0000	0.0000	0.0000	-0.2534
246	90	2.7137SLL+1.3CF	-2.1946	0.0951	0.0000	0.0000	0.0000	-0.2458
246	90	2.7137SLL+1.3CF	4.3943	-0.0179	0.0000	0.0000	0.0000	0.0177
247	319	2.7137SLL+1.3CF	-13.8852	0.0179	0.0000	0.0000	0.0000	-0.1222
247	319	2.7137SLL+1.3CF	16.2086	0.2692	0.0000	0.0000	0.0000	0.9774
247	91	2.7137SLL+1.3CF	-16.2086	-0.2692	0.0000	0.0000	0.0000	0.4359
247	91	2.7137SLL+1.3CF	13.8852	-0.0179	0.0000	0.0000	0.0000	0.2161

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
260	330	2.7137SLL+1.3CF	-30.7053	0.0627	0.0896	-0.0067	-0.4724	0.4004
260	330	2.7137SLL+1.3CF	15.4214	0.0081	-0.2456	0.0063	0.8203	-0.0808
260	103	2.7137SLL+1.3CF	-15.4214	-0.0081	0.2456	-0.0063	0.8637	0.1396
260	103	2.7137SLL+1.3CF	30.7053	-0.0627	-0.0895	0.0067	-0.2503	0.0551
261	331	2.7137SLL+1.3CF	-19.6494	0.1010	-0.3001	0.0074	1.0808	0.2412
261	331	2.7137SLL+1.3CF	36.1355	-0.2624	0.1938	-0.0037	-0.7562	-0.6534
261	102	2.7137SLL+1.3CF	-36.1355	0.2624	-0.1936	0.0037	-0.6496	-1.3679
261	102	2.7137SLL+1.3CF	19.6494	-0.1010	0.3001	-0.0074	1.0892	0.4922
262	330	2.7137SLL+1.3CF	-6.8341	0.0514	0.0000	0.0000	0.0000	0.2760
262	330	2.7137SLL+1.3CF	3.9502	-0.1382	0.0000	0.0000	0.0000	-0.4056
262	102	2.7137SLL+1.3CF	-3.9502	0.1382	0.0000	0.0000	0.0000	-0.5201
262	102	2.7137SLL+1.3CF	6.8341	-0.0514	0.0000	0.0000	0.0000	-0.0083
263	331	2.7137SLL+1.3CF	-19.6501	0.0291	0.0000	0.0000	0.0000	-0.1827
263	331	2.7137SLL+1.3CF	19.8181	-0.0544	0.0000	0.0000	0.0000	0.0656
263	103	2.7137SLL+1.3CF	-19.8181	0.0544	0.0000	0.0000	0.0000	-0.3512
263	103	2.7137SLL+1.3CF	19.6501	-0.0291	0.0000	0.0000	0.0000	0.3195
276	342	2.7137SLL+1.3CF	-26.1767	0.1877	0.1448	-0.0019	-0.5740	0.8939
276	342	2.7137SLL+1.3CF	17.2436	-0.0272	0.1718	-0.0072	-0.8997	-0.2144
276	118	2.7137SLL+1.3CF	-17.2436	0.0272	-0.1718	0.0072	-0.3470	0.0170
276	118	2.7137SLL+1.3CF	26.1767	-0.1877	-0.1448	0.0019	-0.1761	0.6699
277	343	2.7137SLL+1.3CF	-20.5477	0.0866	-0.0793	0.0058	0.0468	0.3458
277	343	2.7137SLL+1.3CF	33.5862	-0.6588	-0.3525	0.0059	0.8202	-1.5723
277	114	2.7137SLL+1.3CF	-33.5862	0.6588	0.3525	-0.0059	1.7401	-3.1985
277	114	2.7137SLL+1.3CF	20.5477	-0.0866	0.0793	-0.0058	0.5294	0.4557
278	342	2.7137SLL+1.3CF	-5.0628	-0.8039	0.0000	0.0000	0.0000	-2.3565
278	342	2.7137SLL+1.3CF	4.8495	0.8849	0.0000	0.0000	0.0000	2.1127
278	114	2.7137SLL+1.3CF	-4.8495	-0.8849	0.0000	0.0000	0.0000	2.5323
278	114	2.7137SLL+1.3CF	5.0628	0.9026	0.0000	0.0000	0.0000	-2.3783
279	343	2.7137SLL+1.3CF	-22.4625	0.1039	0.0000	0.0000	0.0000	-0.0350
279	343	2.7137SLL+1.3CF	21.1400	-0.2085	0.0000	0.0000	0.0000	-0.2823
279	115	2.7137SLL+1.3CF	-21.1400	0.2085	0.0000	0.0000	0.0000	-0.8121
279	115	2.7137SLL+1.3CF	22.4625	-0.1039	0.0000	0.0000	0.0000	0.5787
292	354	2.7137SLL+1.3CF	-19.9465	0.2266	0.1425	-0.0011	-0.8828	0.7243
292	354	2.7137SLL+1.3CF	18.5494	-0.0562	0.7511	-0.0290	-3.4029	-0.2855

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
292	127	2.7137SLL+1.3CF	-18.5494	0.0562	-0.7511	0.0290	-2.0529	-0.1129
292	127	2.7137SLL+1.3CF	19.9465	-0.2266	-0.1425	0.0011	-0.1421	0.8218
293	355	2.7137SLL+1.3CF	-21.3245	0.1256	0.1468	0.0024	-1.1458	0.3286
293	355	2.7137SLL+1.3CF	27.1904	-0.7106	-0.8023	0.0181	1.7362	-1.7085
293	126	2.7137SLL+1.3CF	-27.1904	0.7106	0.8023	-0.0181	2.9696	-3.4529
293	126	2.7137SLL+1.3CF	21.3245	-0.1256	-0.1468	-0.0024	0.0798	0.5654
294	354	2.7137SLL+1.3CF	-2.5075	-0.5744	0.0000	0.0000	0.0000	-1.4830
294	354	2.7137SLL+1.3CF	8.1097	0.8377	0.0000	0.0000	0.0000	2.1109
294	126	2.7137SLL+1.3CF	-8.1097	-0.8377	0.0000	0.0000	0.0000	2.2984
294	126	2.7137SLL+1.3CF	2.5075	0.5744	0.0000	0.0000	0.0000	-1.5521
295	355	2.7137SLL+1.3CF	-19.9847	0.0805	0.0000	0.0000	0.0000	-0.1167
295	355	2.7137SLL+1.3CF	18.1110	0.4629	0.0000	0.0000	0.0000	0.9660
295	127	2.7137SLL+1.3CF	-18.1110	-0.4629	0.0000	0.0000	0.0000	1.4619
295	127	2.7137SLL+1.3CF	19.9847	-0.0505	0.0000	0.0000	0.0000	0.3618
308	366	2.7137SLL+1.3CF	-7.9756	0.0644	-0.0073	0.0006	-0.0192	0.2873
308	366	2.7137SLL+1.3CF	31.5605	-0.0432	0.2301	-0.0139	-0.8998	-0.4356
308	138	2.7137SLL+1.3CF	-31.5605	0.0432	-0.2301	0.0135	-0.8728	0.1220
308	138	2.7137SLL+1.3CF	7.9756	-0.0644	0.0073	-0.0006	0.0724	0.1703
309	367	2.7137SLL+1.3CF	-7.6282	0.1718	0.5815	-0.0102	-2.9746	0.3372
309	367	LINEAxisPLATES/T3628/4-2D[x2] (EE)	24.2774	-0.5611	0.1002	-0.0052	0.0574	-1.1162
309	138	LINEAxisPLATES/T3628/4-2D[x2] (EE)	-24.2774	0.5611	-0.1002	0.0052	-0.7852	-2.9566
309	138	2.7137SLL+1.3CF	7.6282	-0.1718	-0.5815	0.0102	-1.3468	0.9105
310	368	LINEAxisPLATES/T3628/4-2D[x2] (EE)	-7.2583	-0.0992	0.0000	0.0000	0.0000	0.1252
310	368	2.7137SLL+1.3CF	4.1822	0.0067	0.0000	0.0000	0.0000	-0.0468
310	138	2.7137SLL+1.3CF	-4.1822	0.0067	0.0000	0.0000	0.0000	0.0117
310	138	LINEAxisPLATES/T3628/4-2D[x2] (EE)	7.2583	0.0992	0.0000	0.0000	0.0000	-0.6457
311	367	2.7137SLL+1.3CF	-12.4741	-0.0139	0.0000	0.0000	0.0000	-0.1583
311	367	2.7137SLL+1.3CF	3.4611	-0.1560	0.0000	0.0000	0.0000	-0.3723
311	139	2.7137SLL+1.3CF	-3.4611	0.1560	0.0000	0.0000	0.0000	-0.4464
311	139	2.7137SLL+1.3CF	12.4741	0.0139	0.0000	0.0000	0.0000	0.0856
324	378	2.7137SLL+1.3CF	-17.4818	0.1727	-0.3235	0.0085	1.7123	0.5825
324	378	2.7137SLL+1.3CF	17.8588	-0.0684	0.6896	-0.0358	-2.4096	-0.3218
324	151	2.7137SLL+1.3CF	-17.8588	0.0684	-0.6896	0.0358	-2.5994	-0.1750
324	151	2.7137SLL+1.3CF	17.4818	-0.1727	0.3235	-0.0085	0.6572	0.6719

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
325	379	2.7137SLL+1.3CF	-19.4591	0.1319	1.0699	-0.0292	-4.4096	0.3267
325	379	2.7137SLL+1.3CF	24.8949	-0.6906	0.6650	-0.0204	-1.4601	-1.8221
325	150	2.7137SLL+1.3CF	-24.8949	0.6906	-0.6650	0.0204	-3.3702	-3.3941
325	150	2.7137SLL+1.3CF	19.4591	-0.1319	-1.0699	0.0292	-3.3616	0.8310
326	379	2.7137SLL+1.3CF	-2.0751	-0.5811	0.0000	0.0000	0.0000	-1.5064
326	379	2.7137SLL+1.3CF	5.3575	0.8399	0.0000	0.0000	0.0000	1.7561
326	150	2.7137SLL+1.3CF	-5.3575	-0.8399	0.0000	0.0000	0.0000	1.6008
326	150	2.7137SLL+1.3CF	2.0751	0.5811	0.0000	0.0000	0.0000	-1.5968
327	379	2.7137SLL+1.3CF	-13.7377	-0.1161	0.0000	0.0000	0.0000	-0.3845
327	379	2.7137SLL+1.3CF	14.8035	0.3790	0.0000	0.0000	0.0000	0.7710
327	151	2.7137SLL+1.3CF	-14.8035	-0.3790	0.0000	0.0000	0.0000	1.2162
327	151	2.7137SLL+1.3CF	13.7377	0.1161	0.0000	0.0000	0.0000	-0.2247
340	390	2.7137SLL+1.3CF	-28.6873	0.0097	0.1928	-0.0097	-0.6299	0.3685
340	390	2.7137SLL+1.3CF	16.4590	-0.0340	-0.7920	-0.0368	-0.1835	-0.2226
340	163	2.7137SLL+1.3CF	-16.4590	0.0340	-0.7920	0.0368	-2.5694	-0.0248
340	163	2.7137SLL+1.3CF	28.6873	-0.0097	-0.1928	0.0097	-0.4636	0.0644
341	391	2.7137SLL+1.3CF	-16.8288	0.1275	1.0112	-0.0246	-3.7000	0.2830
341	391	2.7137SLL+1.3CF	33.8710	-0.2632	0.2561	-0.0044	-1.0077	-0.6089
341	162	2.7137SLL+1.3CF	-33.8710	0.2632	-0.2561	0.0044	-0.8522	-1.3015
341	162	2.7137SLL+1.3CF	16.8288	-0.1275	-1.0112	0.0246	-3.5949	0.6429
342	390	2.7137SLL+1.3CF	-5.2407	-0.0468	0.0000	0.0000	0.0000	0.0567
342	390	2.7137SLL+1.3CF	2.9648	0.0074	0.0000	0.0000	0.0000	-0.0052
342	162	2.7137SLL+1.3CF	-2.9648	-0.0074	0.0000	0.0000	0.0000	0.0043
342	162	2.7137SLL+1.3CF	5.2407	0.0468	0.0000	0.0000	0.0000	-0.0025
343	391	2.7137SLL+1.3CF	-16.5462	-0.0422	0.0000	0.0000	0.0000	-0.3120
343	391	2.7137SLL+1.3CF	21.8823	0.1320	0.0000	0.0000	0.0000	0.5348
343	163	2.7137SLL+1.3CF	-21.8823	-0.1320	0.0000	0.0000	0.0000	0.1561
343	163	2.7137SLL+1.3CF	16.8462	0.0422	0.0000	0.0000	0.0000	0.0804
358	402	2.7137SLL+1.3CF	-32.2962	-0.0081	0.3798	-0.0187	-1.5378	0.1297
358	402	2.7137SLL+1.3CF	12.3032	0.0075	0.0411	-0.0016	-0.1519	-0.0618
358	175	2.7137SLL+1.3CF	-12.3032	-0.0075	-0.0411	0.0016	-0.1467	0.1162
358	175	2.7137SLL+1.3CF	32.2962	0.0081	-0.3798	0.0187	-1.1977	-0.1882
357	403	2.7137SLL+1.3CF	-14.3155	0.0703	0.0861	-0.0011	-0.2275	0.1667
357	403	2.7137SLL+1.3CF	39.5064	-0.2408	0.5412	-0.0111	-2.0546	-0.5725

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
357	174	2.7137SLL+1.3CF	-39.5064	0.2408	-0.5412	0.0111	-1.8711	-1.1768
357	174	2.7137SLL+1.3CF	14.3155	-0.0703	-0.0861	0.0011	-0.1798	0.3450
358	402	2.7137SLL+1.3CF	-8.2843	-0.0096	0.0000	0.0000	0.0000	0.0193
358	402	2.7137SLL+1.3CF	5.4414	-0.1154	0.0000	0.0000	0.0000	-0.3289
358	174	2.7137SLL+1.3CF	-5.4414	0.1154	0.0000	0.0000	0.0000	-0.2768
358	174	2.7137SLL+1.3CF	8.2843	0.0096	0.0000	0.0000	0.0000	-0.0699
359	403	2.7137SLL+1.3CF	-17.4067	0.1700	0.0000	0.0000	0.0000	0.1649
359	403	2.7137SLL+1.3CF	27.3590	-0.1399	0.0000	0.0000	0.0000	-0.0588
359	175	2.7137SLL+1.3CF	-27.3590	0.1399	0.0000	0.0000	0.0000	-0.4758
359	175	2.7137SLL+1.3CF	17.4067	-0.1700	0.0000	0.0000	0.0000	0.7274
372	414	2.7137SLL+1.3CF	-29.0195	-0.0129	0.0121	-0.0023	-0.1910	0.1003
372	414	2.7137SLL+1.3CF	9.8076	0.0065	0.0537	-0.0023	-0.2280	-0.0431
372	187	2.7137SLL+1.3CF	-9.8076	-0.0065	-0.0537	0.0023	-0.1622	0.0802
372	187	2.7137SLL+1.3CF	29.0195	0.0129	-0.0121	0.0023	0.0129	-0.1942
373	415	2.7137SLL+1.3CF	-11.2374	0.0802	0.0788	-0.0012	-0.2817	0.1462
373	415	2.7137SLL+1.3CF	38.2019	-0.2483	0.0919	-0.0017	-0.3104	-0.5670
373	186	2.7137SLL+1.3CF	-38.2019	0.2483	-0.0919	0.0017	-0.3569	-1.2023
373	186	2.7137SLL+1.3CF	11.2374	-0.0802	-0.0788	0.0012	-0.2814	0.2919
374	414	2.7137SLL+1.3CF	-6.7583	0.0007	0.0000	0.0000	0.0000	0.0166
374	414	2.7137SLL+1.3CF	5.2535	-0.1188	0.0000	0.0000	0.0000	-0.3481
374	186	2.7137SLL+1.3CF	-5.2535	0.1188	0.0000	0.0000	0.0000	-0.2773
374	186	2.7137SLL+1.3CF	6.7583	-0.0007	0.0000	0.0000	0.0000	-0.0161
375	415	2.7137SLL+1.3CF	-15.3793	0.1564	0.0000	0.0000	0.0000	0.1634
375	415	2.7137SLL+1.3CF	26.7478	-0.1037	0.0000	0.0000	0.0000	0.0225
375	187	2.7137SLL+1.3CF	-26.7478	0.1037	0.0000	0.0000	0.0000	-0.5867
375	187	2.7137SLL+1.3CF	15.3793	-0.1564	0.0000	0.0000	0.0000	0.6578
385	423	2.7137SLL+1.3CF	-30.5171	-0.0196	-0.0793	0.0036	0.3211	0.0756
385	423	2.7137SLL+1.3CF	10.3601	0.0041	-0.0612	0.0029	0.2659	-0.0551
385	198	2.7137SLL+1.3CF	-10.3601	-0.0041	0.0612	-0.0029	0.1790	0.0852
385	198	2.7137SLL+1.3CF	30.5171	0.0196	0.0793	-0.0036	0.2551	-0.2179
386	424	2.7137SLL+1.3CF	-11.5897	0.0569	-0.0514	0.0018	0.1621	0.1379
386	424	2.7137SLL+1.3CF	38.8818	-0.2492	-0.1118	0.0022	0.3868	-0.5943
386	195	2.7137SLL+1.3CF	-38.8818	0.2492	0.1118	-0.0022	0.4136	-1.2155
386	195	2.7137SLL+1.3CF	11.5897	-0.0569	0.0514	-0.0018	0.2111	0.2897

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
387	423	2.7137SLL+1.3CF	-8.9401	-0.0047	0.0000	0.0000	0.0000	0.0155
387	423	2.7137SLL+1.3CF	5.2887	-0.1184	0.0000	0.0000	0.0000	-0.3340
387	195	2.7137SLL+1.3CF	-5.2887	0.1184	0.0000	0.0000	0.0000	-0.2770
387	195	2.7137SLL+1.3CF	8.9401	0.0047	0.0000	0.0000	0.0000	-0.0403
388	424	2.7137SLL+1.3CF	-15.9637	0.1562	0.0000	0.0000	0.0000	0.1533
388	424	2.7137SLL+1.3CF	27.1310	-0.1061	0.0000	0.0000	0.0000	0.0152
388	196	2.7137SLL+1.3CF	-27.1310	0.1061	0.0000	0.0000	0.0000	-0.5721
388	196	2.7137SLL+1.3CF	15.9637	-0.1562	0.0000	0.0000	0.0000	0.9669
401	435	2.7137SLL+1.3CF	-32.4548	-0.2066	-0.2660	0.0137	1.1029	0.1202
401	435	2.7137SLL+1.3CF	12.5030	0.0081	-0.0399	0.0019	0.1558	-0.3824
401	208	2.7137SLL+1.3CF	-12.5030	-0.0081	0.0398	-0.0018	0.1331	0.1214
401	208	2.7137SLL+1.3CF	32.4548	0.0068	0.2660	-0.0137	0.8436	-0.1788
402	436	2.7137SLL+1.3CF	-14.5550	0.0690	-0.0398	0.0010	0.1620	0.1633
402	436	2.7137SLL+1.3CF	39.8060	-0.2331	-0.5691	0.0120	2.1364	-0.5566
402	207	2.7137SLL+1.3CF	-39.8060	0.2331	0.5691	-0.0120	1.8664	-1.1364
402	207	2.7137SLL+1.3CF	14.5550	-0.0690	0.0398	-0.0010	0.1186	0.3378
403	435	2.7137SLL+1.3CF	-8.2331	-0.0077	0.0000	0.0000	0.0000	0.0337
403	435	2.7137SLL+1.3CF	5.4356	-0.1178	0.0000	0.0000	0.0000	-0.3046
403	207	2.7137SLL+1.3CF	-5.4356	0.1178	0.0000	0.0000	0.0000	-0.2841
403	207	2.7137SLL+1.3CF	8.2331	0.0077	0.0000	0.0000	0.0000	-0.0739
404	436	2.7137SLL+1.3CF	-16.1621	0.1722	0.0000	0.0000	0.0000	0.1609
404	436	2.7137SLL+1.3CF	27.6581	-0.1439	0.0000	0.0000	0.0000	-0.0668
404	208	2.7137SLL+1.3CF	-27.6581	0.1439	0.0000	0.0000	0.0000	-0.6968
404	208	2.7137SLL+1.3CF	16.1621	-0.1722	0.0000	0.0000	0.0000	0.7429
417	447	2.7137SLL+1.3CF	-29.2020	0.0596	-0.1694	0.0099	0.9890	0.3766
417	447	2.7137SLL+1.3CF	19.3465	-0.0359	-0.8145	0.0382	3.2836	-0.2318
417	220	2.7137SLL+1.3CF	-19.3465	0.0359	0.8145	-0.0382	2.8321	-0.0290
417	220	2.7137SLL+1.3CF	29.2020	-0.0596	0.1694	-0.0099	0.5413	0.0063
418	448	2.7137SLL+1.3CF	-19.6257	0.1315	-1.0940	0.0270	4.0870	0.2898
418	448	2.7137SLL+1.3CF	34.5285	-0.2981	-0.3038	0.0054	1.1836	-0.8243
418	219	2.7137SLL+1.3CF	-34.5285	0.2981	0.3038	-0.0054	1.0420	-1.3231
418	219	2.7137SLL+1.3CF	19.6257	-0.1315	1.0940	-0.0270	3.8892	0.6662
419	447	2.7137SLL+1.3CF	-5.2817	-0.0440	0.0000	0.0000	0.0000	0.0668
419	447	2.7137SLL+1.3CF	1.6217	-0.0068	0.0000	0.0000	0.0000	-0.0827

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
419	219	2.7137SLL+1.3CF	-1.6217	0.0068	0.0000	0.0000	0.0000	0.0468
419	219	2.7137SLL+1.3CF	5.2817	0.0440	0.0000	0.0000	0.0000	-0.3001
420	448	2.7137SLL+1.3CF	-17.2875	-0.0342	0.0000	0.0000	0.0000	-0.2888
420	448	2.7137SLL+1.3CF	21.5392	0.1012	0.0000	0.0000	0.0000	0.5634
420	220	2.7137SLL+1.3CF	-21.5392	-0.1012	0.0000	0.0000	0.0000	-0.0324
420	220	2.7137SLL+1.3CF	17.2875	0.0342	0.0000	0.0000	0.0000	0.1727
433	459	2.7137SLL+1.3CF	-17.9693	0.1702	0.3451	-0.0067	-1.8239	0.5789
433	459	2.7137SLL+1.3CF	18.0926	-0.0637	-0.7091	0.0359	2.4259	-0.3151
433	232	2.7137SLL+1.3CF	-18.0926	0.0637	0.7091	-0.0359	2.7072	-0.1475
433	232	2.7137SLL+1.3CF	17.9693	-0.1702	-0.3451	0.0067	-0.6825	0.6872
434	460	2.7137SLL+1.3CF	-19.7737	0.1308	-0.9747	0.0285	4.0279	0.3238
434	460	2.7137SLL+1.3CF	24.9698	-0.8202	-0.7601	0.0151	1.8653	-1.4710
434	231	2.7137SLL+1.3CF	-24.9698	0.8202	0.7601	-0.0151	3.8259	-3.0341
434	231	2.7137SLL+1.3CF	19.7737	-0.1308	0.9747	-0.0285	3.3514	0.6262
435	459	2.7137SLL+1.3CF	-2.3215	-0.8281	0.0000	0.0000	0.0000	-1.5660
435	459	2.7137SLL+1.3CF	5.5505	0.8674	0.0000	0.0000	0.0000	1.8290
435	231	2.7137SLL+1.3CF	-5.5505	-0.8674	0.0000	0.0000	0.0000	1.6754
435	231	2.7137SLL+1.3CF	2.3215	0.8281	0.0000	0.0000	0.0000	-1.7186
436	460	2.7137SLL+1.3CF	-14.2737	-0.1304	0.0000	0.0000	0.0000	-0.4833
436	460	2.7137SLL+1.3CF	14.3816	0.4557	0.0000	0.0000	0.0000	1.2020
436	232	2.7137SLL+1.3CF	-14.3816	-0.4557	0.0000	0.0000	0.0000	1.1900
436	232	2.7137SLL+1.3CF	14.2737	0.1304	0.0000	0.0000	0.0000	-0.2015
448	471	2.7137SLL+1.3CF	-8.1173	0.0670	-0.0136	-0.0001	0.0958	0.3118
448	471	2.7137SLL+1.3CF	30.1485	-0.0127	-0.2147	0.0129	0.7354	-0.3452
448	244	2.7137SLL+1.3CF	-30.1485	0.0127	0.2147	-0.0129	0.8238	0.2530
448	244	2.7137SLL+1.3CF	8.1173	-0.0670	0.0136	0.0001	0.0045	0.1748
450	472	2.7137SLL+1.3CF	-7.8516	0.1602	-0.5818	0.0116	3.0166	0.3624
450	472	LINEAsmPLATES/T302R4-2(0)x2] (EE)	24.8623	-0.6099	-0.0758	0.0002	-0.3851	-1.2273
450	243	LINEAsmPLATES/T302R4-2(0)x2] (EE)	-24.8623	0.6099	0.0758	-0.0002	0.6154	-3.2024
450	243	2.7137SLL+1.3CF	7.8516	-0.1602	0.5818	-0.0116	1.2819	0.9564
451	471	LINEAsmPLATES/T302R4-2(0)x2] (EE)	-7.1400	-0.0065	0.0000	0.0000	0.0000	0.3292
451	471	2.7137SLL+1.3CF	4.3139	0.0022	0.0000	0.0000	0.0000	-0.0279
451	243	2.7137SLL+1.3CF	-4.3139	-0.0022	0.0000	0.0000	0.0000	0.0394
451	243	LINEAsmPLATES/T302R4-2(0)x2] (EE)	7.1400	0.0065	0.0000	0.0000	0.0000	-0.3632

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
452	472	2.7137SLL+1.3CF	-12.4288	-0.0360	0.0000	0.0000	0.0000	-0.2131
452	472	2.7137SLL+1.3CF	2.8736	-0.1387	0.0000	0.0000	0.0000	-0.3055
452	244	2.7137SLL+1.3CF	-2.8736	0.1387	0.0000	0.0000	0.0000	-0.4227
452	244	2.7137SLL+1.3CF	12.4288	0.0360	0.0000	0.0000	0.0000	0.0242
465	463	2.7137SLL+1.3CF	-19.4895	0.2384	-0.2013	0.0036	1.2241	0.7911
465	463	2.7137SLL+1.3CF	18.7452	-0.0520	-0.7956	0.0302	3.5912	-0.2887
465	256	2.7137SLL+1.3CF	-18.7452	0.0520	0.7956	-0.0302	2.1688	-0.0918
465	256	2.7137SLL+1.3CF	19.4895	-0.2384	0.2013	-0.0036	0.2379	0.9704
466	464	2.7137SLL+1.3CF	-21.7317	0.1303	-0.2122	-0.0010	1.2467	0.3469
466	464	2.7137SLL+1.3CF	27.4481	-0.6849	0.6888	-0.0165	-1.7913	-1.8595
466	255	2.7137SLL+1.3CF	-27.4481	0.6849	-0.6888	0.0165	-3.2117	-3.3134
466	255	2.7137SLL+1.3CF	21.7317	-0.1303	0.2122	0.0010	0.2949	0.6339
467	463	2.7137SLL+1.3CF	-3.8157	-0.5799	0.0000	0.0000	0.0000	-1.4471
467	463	2.7137SLL+1.3CF	6.0799	0.8310	0.0000	0.0000	0.0000	2.0897
467	255	2.7137SLL+1.3CF	-6.0799	-0.8310	0.0000	0.0000	0.0000	2.2724
467	255	2.7137SLL+1.3CF	3.8157	0.5799	0.0000	0.0000	0.0000	-1.5812
468	464	2.7137SLL+1.3CF	-19.9461	0.0485	0.0000	0.0000	0.0000	-0.1252
468	464	2.7137SLL+1.3CF	17.4143	0.4884	0.0000	0.0000	0.0000	1.2575
468	256	2.7137SLL+1.3CF	-17.4143	-0.4884	0.0000	0.0000	0.0000	1.2958
468	256	2.7137SLL+1.3CF	19.9461	-0.0485	0.0000	0.0000	0.0000	0.3796
481	485	2.7137SLL+1.3CF	-26.3791	0.1889	-0.1509	0.0020	0.8583	0.6935
481	485	2.7137SLL+1.3CF	17.5887	-0.0268	-0.2044	0.0080	1.2603	-0.2175
481	268	2.7137SLL+1.3CF	-17.5887	0.0268	0.2044	-0.0080	0.4243	0.0230
481	268	2.7137SLL+1.3CF	26.3791	-0.1889	0.1509	-0.0020	0.2378	0.6758
482	486	2.7137SLL+1.3CF	-20.6726	0.0755	0.1061	-0.0049	-0.1318	0.1989
482	486	2.7137SLL+1.3CF	34.7518	-0.7460	0.0777	-0.0072	-0.3384	-1.7926
482	267	2.7137SLL+1.3CF	-34.7518	0.7460	-0.0777	0.0072	-0.2262	-3.6504
482	267	2.7137SLL+1.3CF	20.6726	-0.0755	-0.1061	0.0049	-0.6388	0.3464
483	485	2.7137SLL+1.3CF	-4.7431	-0.9624	0.0000	0.0000	0.0000	-2.1790
483	485	2.7137SLL+1.3CF	9.1341	0.9062	0.0000	0.0000	0.0000	2.1815
483	267	2.7137SLL+1.3CF	-9.1341	-0.9062	0.0000	0.0000	0.0000	2.5864
483	267	2.7137SLL+1.3CF	4.7431	0.9624	0.0000	0.0000	0.0000	-2.3481
484	486	2.7137SLL+1.3CF	-23.6601	0.0962	0.0000	0.0000	0.0000	-0.0557
484	486	2.7137SLL+1.3CF	20.9917	-0.2065	0.0000	0.0000	0.0000	-0.2745

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
484	268	2.7137SLL+1.3CF	-20.6917	0.2065	0.0000	0.0000	0.0000	-0.8094
484	268	2.7137SLL+1.3CF	23.6601	-0.0962	0.0000	0.0000	0.0000	0.5609
487	507	2.7137SLL+1.3CF	-31.8867	0.0560	-0.0844	0.0079	0.4408	0.3937
487	507	2.7137SLL+1.3CF	18.2205	0.0100	0.2607	-0.0080	-0.9852	-0.0648
487	280	2.7137SLL+1.3CF	-18.2205	-0.0100	-0.2607	0.0080	-0.8985	0.1574
487	280	2.7137SLL+1.3CF	31.8867	-0.0560	0.0844	-0.0079	0.1725	0.0134
488	508	2.7137SLL+1.3CF	-20.3960	0.0836	0.2851	-0.0077	-1.0061	0.2273
488	508	2.7137SLL+1.3CF	37.5214	-0.2568	-0.2168	0.0032	0.7960	-0.6076
488	279	2.7137SLL+1.3CF	-37.5214	0.2568	0.2168	-0.0032	0.7764	-1.2564
488	279	2.7137SLL+1.3CF	20.3960	-0.0836	-0.2851	0.0077	-1.0645	0.4523
489	507	2.7137SLL+1.3CF	-6.8114	0.0500	0.0000	0.0000	0.0000	0.2700
489	507	2.7137SLL+1.3CF	3.9295	-0.1531	0.0000	0.0000	0.0000	-0.4473
489	279	2.7137SLL+1.3CF	-3.9295	0.1531	0.0000	0.0000	0.0000	-0.3562
489	279	2.7137SLL+1.3CF	6.8114	-0.0500	0.0000	0.0000	0.0000	-0.0077
500	508	2.7137SLL+1.3CF	-19.9766	0.0186	0.0000	0.0000	0.0000	-0.2048
500	508	2.7137SLL+1.3CF	20.2435	-0.0572	0.0000	0.0000	0.0000	0.0838
500	280	2.7137SLL+1.3CF	-20.2435	0.0572	0.0000	0.0000	0.0000	-0.3638
500	280	2.7137SLL+1.3CF	19.9766	-0.0186	0.0000	0.0000	0.0000	0.3028
513	518	2.7137SLL+1.3CF	-25.3666	0.0160	-0.2198	0.0118	0.8983	0.1888
513	518	2.7137SLL+1.3CF	13.2273	0.0079	0.3692	-0.0140	-1.4121	-0.5517
513	292	2.7137SLL+1.3CF	-13.2273	-0.0079	-0.3692	0.0140	-1.2896	0.1090
513	292	2.7137SLL+1.3CF	25.3666	-0.0160	0.2198	-0.0118	0.7006	-0.0839
514	520	2.7137SLL+1.3CF	-15.3056	0.0896	0.4370	-0.0110	-1.6081	0.1688
514	520	2.7137SLL+1.3CF	31.1055	-0.2014	-0.3650	0.0067	1.4186	-0.4067
514	291	2.7137SLL+1.3CF	-31.1055	0.2014	0.3650	-0.0067	1.2327	-1.0059
514	291	2.7137SLL+1.3CF	15.3056	-0.0896	-0.4370	0.0110	-1.5684	0.3969
515	519	2.7137SLL+1.3CF	-4.3967	0.0196	0.0000	0.0000	0.0000	0.0805
515	519	LINEAxisPLATES/CF@M: s76.60.771	0.6679	-0.0157	0.0000	0.0000	0.0000	-0.0503
515	291	LINEAxisPLATES/CF@M: s76.60.771	-0.6679	0.0157	0.0000	0.0000	0.0000	-0.0321
515	291	2.7137SLL+1.3CF	4.3967	-0.0196	0.0000	0.0000	0.0000	0.0174
516	520	2.7137SLL+1.3CF	-14.1268	0.0007	0.0000	0.0000	0.0000	-0.1664
516	520	2.7137SLL+1.3CF	16.0723	0.2581	0.0000	0.0000	0.0000	0.8408
516	292	2.7137SLL+1.3CF	-16.0723	-0.2581	0.0000	0.0000	0.0000	0.4139
516	292	2.7137SLL+1.3CF	14.1268	-0.0007	0.0000	0.0000	0.0000	0.1686

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
529	531	2.7137SLL+1.3CF	-7.8705	0.0650	-0.9488	0.0321	2.5893	0.2762
529	531	2.7137SLL+1.3CF	10.7478	-0.0891	0.8675	-0.0274	-2.5879	-0.4081
529	304	2.7137SLL+1.3CF	-10.7478	0.0891	-0.8675	0.0274	-2.2507	-0.2194
529	304	2.7137SLL+1.3CF	7.8705	-0.0650	0.9488	-0.0321	2.1187	0.1232
530	532	2.7137SLL+1.3CF	-8.1963	0.0367	-0.9023	0.0209	2.9650	-0.0221
530	532	2.7137SLL+1.3CF	17.8183	-0.0352	0.8348	-0.0234	-2.9857	0.0605
530	303	2.7137SLL+1.3CF	-17.8183	0.0352	-0.8348	0.0234	-3.0782	-0.3460
530	303	2.7137SLL+1.3CF	8.1963	-0.0367	0.9023	-0.0209	2.9623	0.3028
531	531	2.7137SLL+1.3CF	-3.4103	-0.3051	0.0000	0.0000	0.0000	-0.4588
531	531	2.7137SLL+1.3CF	1.2257	0.2370	0.0000	0.0000	0.0000	0.4313
531	303	2.7137SLL+1.3CF	-1.2257	-0.2370	0.0000	0.0000	0.0000	0.8128
531	303	2.7137SLL+1.3CF	3.4103	0.3051	0.0000	0.0000	0.0000	-1.1432
532	532	2.7137SLL+1.3CF	-8.6063	0.0065	0.0000	0.0000	0.0000	-0.0323
532	532	2.7137SLL+1.3CF	5.5341	0.0329	0.0000	0.0000	0.0000	0.1074
532	304	2.7137SLL+1.3CF	-5.5341	-0.0329	0.0000	0.0000	0.0000	0.0953
532	304	2.7137SLL+1.3CF	8.6063	-0.0065	0.0000	0.0000	0.0000	0.0770
534	534	2.7137SLL+1.3CF	-5.7444	0.0303	0.7054	-0.0191	-2.5170	0.1844
534	534	2.7137SLL+1.3CF	7.9626	-0.0613	0.0258	-0.0018	-0.0858	-0.2240
534	307	2.7137SLL+1.3CF	-7.9626	0.0613	-0.0258	0.0018	-0.1028	-0.2210
534	307	2.7137SLL+1.3CF	5.7444	-0.0303	-0.7054	0.0191	-2.6070	0.0359
535	535	2.7137SLL+1.3CF	-6.3126	-0.0394	-0.5368	0.0129	2.0168	-0.1148
535	535	2.7137SLL+1.3CF	17.5428	0.1043	0.7490	-0.0155	-2.8874	0.3180
535	306	2.7137SLL+1.3CF	-17.5428	-0.1043	-0.7490	0.0155	-2.5528	0.4366
535	306	2.7137SLL+1.3CF	6.3126	0.0394	0.5368	-0.0129	1.8868	-0.1717
536	534	2.7137SLL+1.3CF	-3.7487	-0.1552	0.0000	0.0000	0.0000	-0.2890
536	534	2.7137SLL+1.3CF	1.6792	-0.1818	0.0000	0.0000	0.0000	-0.4891
536	306	2.7137SLL+1.3CF	-1.6792	0.1818	0.0000	0.0000	0.0000	-0.4852
536	306	2.7137SLL+1.3CF	3.7487	0.1552	0.0000	0.0000	0.0000	-0.5260
537	535	2.7137SLL+1.3CF	-12.0157	0.0313	0.0000	0.0000	0.0000	0.0642
537	535	2.7137SLL+1.3CF	6.9500	0.0200	0.0000	0.0000	0.0000	0.0507
537	307	2.7137SLL+1.3CF	-6.9500	-0.0200	0.0000	0.0000	0.0000	0.0648
537	307	2.7137SLL+1.3CF	12.0157	-0.0313	0.0000	0.0000	0.0000	0.0802
550	548	2.7137SLL+1.3CF	-14.2818	-0.0079	0.2828	-0.0086	-1.0403	0.0173
550	548	2.7137SLL+1.3CF	5.0412	-0.0069	0.1386	-0.0037	-0.4677	-0.0475

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
550	318	2.7137SLL+1.3CF	-5.0412	0.0069	-0.1386	0.0037	-0.5186	-0.0029
550	318	2.7137SLL+1.3CF	14.2818	0.0079	-0.2828	0.0086	-1.0070	-0.0747
551	547	2.7137SLL+1.3CF	-6.3679	0.0107	0.1811	-0.0023	-0.8004	0.0167
551	547	2.7137SLL+1.3CF	19.1240	-0.0210	0.3375	-0.0051	-1.3603	-0.0642
551	318	2.7137SLL+1.3CF	-19.1240	0.0210	-0.3375	0.0051	-1.0910	-0.0662
551	318	2.7137SLL+1.3CF	6.3679	-0.0107	-0.1811	0.0023	-0.4968	0.0613
552	548	2.7137SLL+1.3CF	-5.3447	-0.1110	0.0000	0.0000	0.0000	-0.2315
552	548	2.7137SLL+1.3CF	2.2075	0.0471	0.0000	0.0000	0.0000	0.1368
552	318	2.7137SLL+1.3CF	-2.2075	-0.0471	0.0000	0.0000	0.0000	0.1083
552	318	2.7137SLL+1.3CF	5.3447	0.1110	0.0000	0.0000	0.0000	-0.2011
553	547	2.7137SLL+1.3CF	-26.0860	0.0063	0.0000	0.0000	0.0000	-0.2807
553	547	2.7137SLL+1.3CF	35.6070	0.0306	0.0000	0.0000	0.0000	0.4013
553	319	2.7137SLL+1.3CF	-35.6070	-0.0306	0.0000	0.0000	0.0000	-0.2958
553	319	2.7137SLL+1.3CF	26.0860	-0.0063	0.0000	0.0000	0.0000	0.3237
566	556	2.7137SLL+1.3CF	-20.6587	0.0020	0.1172	-0.0045	-0.4608	0.0671
566	556	2.7137SLL+1.3CF	5.4733	-0.0043	0.0374	-0.0014	-0.1608	-0.0464
566	331	2.7137SLL+1.3CF	-5.4733	0.0043	-0.0374	0.0014	-0.1107	0.0151
566	331	2.7137SLL+1.3CF	20.6587	-0.0020	-0.1172	0.0045	-0.3908	-0.0723
567	556	2.7137SLL+1.3CF	-7.3836	0.0133	0.0980	-0.0010	-0.3802	0.0133
567	556	2.7137SLL+1.3CF	24.4001	-0.0339	0.2018	-0.0019	-0.8317	-0.0728
567	330	2.7137SLL+1.3CF	-24.4001	0.0339	-0.2018	0.0019	-0.6337	-0.1731
567	330	2.7137SLL+1.3CF	7.3836	-0.0133	-0.0980	0.0010	-0.2189	0.0833
568	556	2.7137SLL+1.3CF	-4.2886	-0.1007	0.0000	0.0000	0.0000	0.0060
568	556	2.7137SLL+1.3CF	5.7090	0.1543	0.0000	0.0000	0.0000	0.4618
568	330	2.7137SLL+1.3CF	-5.7090	-0.1543	0.0000	0.0000	0.0000	0.3486
568	330	2.7137SLL+1.3CF	4.2886	0.1007	0.0000	0.0000	0.0000	-0.5344
569	556	2.7137SLL+1.3CF	-35.9617	-0.0333	0.0000	0.0000	0.0000	-0.4828
569	556	2.7137SLL+1.3CF	47.6752	0.0410	0.0000	0.0000	0.0000	0.6195
569	331	2.7137SLL+1.3CF	-47.6752	-0.0410	0.0000	0.0000	0.0000	-0.4034
569	331	2.7137SLL+1.3CF	35.9617	0.0333	0.0000	0.0000	0.0000	0.3179
582	570	2.7137SLL+1.3CF	-21.2215	0.0939	0.2411	-0.0097	-1.4281	0.5492
582	570	2.7137SLL+1.3CF	8.2008	-0.0188	0.0852	-0.0025	-0.3908	-0.1388
582	343	2.7137SLL+1.3CF	-8.2008	0.0188	-0.0852	0.0025	-0.0625	0.0030
582	343	2.7137SLL+1.3CF	21.2215	-0.0939	-0.2411	0.0097	-0.3231	0.1329

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
583	571	2.71375LL+1.3CF	-8.8793	-0.0334	-0.0929	0.0038	0.2425	-0.1161
583	571	2.71375LL+1.3CF	23.8819	0.0576	-0.3801	0.0145	0.9238	0.1468
583	342	2.71375LL+1.3CF	-23.8819	-0.0576	0.3801	-0.0145	1.8378	0.2714
583	342	2.71375LL+1.3CF	8.8793	0.0334	0.0929	-0.0038	0.4323	-0.1391
584	570	2.71375LL+1.3CF	-18.1084	-0.6013	0.0000	0.0000	0.0000	-1.9275
584	570	2.71375LL+1.3CF	8.1181	-0.0832	0.0000	0.0000	0.0000	-0.1452
584	342	2.71375LL+1.3CF	-8.1181	0.0832	0.0000	0.0000	0.0000	-0.3439
584	342	2.71375LL+1.3CF	18.1084	0.6013	0.0000	0.0000	0.0000	-1.2292
585	571	2.71375LL+1.3CF	-42.4799	-0.0761	0.0000	0.0000	0.0000	-0.7834
585	571	2.71375LL+1.3CF	45.6362	0.0805	0.0000	0.0000	0.0000	0.7841
585	343	2.71375LL+1.3CF	-45.6362	-0.0805	0.0000	0.0000	0.0000	-0.3615
585	343	2.71375LL+1.3CF	42.4799	0.0761	0.0000	0.0000	0.0000	0.3840
586	582	2.71375LL+1.3CF	-14.7068	0.0720	0.2408	-0.0112	-1.8842	0.3887
586	582	2.71375LL+1.3CF	19.0606	-0.0634	0.1946	-0.0071	-1.0806	-0.3563
586	355	2.71375LL+1.3CF	-19.0606	0.0634	-0.1946	0.0071	-0.3187	-0.1021
586	355	2.71375LL+1.3CF	14.7068	-0.0720	-0.2408	0.0112	-0.0850	0.1246
589	583	2.71375LL+1.3CF	-17.4292	-0.0744	-0.1906	0.0068	0.3391	-0.2304
589	583	2.71375LL+1.3CF	17.1349	0.0346	-0.6841	0.0227	1.8259	0.0545
589	354	2.71375LL+1.3CF	-17.1349	-0.0346	0.6841	-0.0227	3.1434	0.1967
589	354	2.71375LL+1.3CF	17.4292	0.0744	0.1908	-0.0068	1.0451	-0.3099
600	582	2.71375LL+1.3CF	-11.3243	-0.2792	0.0000	0.0000	0.0000	-0.9433
600	582	2.71375LL+1.3CF	9.2070	0.0443	0.0000	0.0000	0.0000	0.2349
600	354	2.71375LL+1.3CF	-9.2070	-0.0443	0.0000	0.0000	0.0000	-0.0021
600	354	2.71375LL+1.3CF	11.3243	0.2792	0.0000	0.0000	0.0000	-0.5225
601	583	2.71375LL+1.3CF	-40.0391	-0.1546	0.0000	0.0000	0.0000	-0.9307
601	583	2.71375LL+1.3CF	36.5015	0.0432	0.0000	0.0000	0.0000	0.4654
601	355	2.71375LL+1.3CF	-36.5015	-0.0432	0.0000	0.0000	0.0000	-0.2886
601	355	2.71375LL+1.3CF	40.0391	0.1546	0.0000	0.0000	0.0000	0.1182
614	594	2.71375LL+1.3CF	-4.3294	0.0298	-0.0579	0.0007	0.1481	0.1271
614	594	2.71375LL+1.3CF	15.3018	-0.0948	0.0549	0.0014	0.1413	-0.3840
614	367	2.71375LL+1.3CF	-15.3018	0.0948	-0.0549	-0.0014	-0.5398	-0.3049
614	367	2.71375LL+1.3CF	4.3294	-0.0298	0.0579	-0.0007	0.2743	0.0809
615	595	2.71375LL+1.3CF	-3.0868	0.0351	0.8643	-0.0252	-3.7010	0.0999
615	595	2.71375LL+1.3CF	13.1270	0.1119	-0.3458	0.0071	0.8014	0.3599

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
615	366	2.71375LL+1.3CF	-13.1270	-0.1119	0.3458	-0.0071	0.9823	0.4531
615	366	2.71375LL+1.3CF	3.0868	-0.0351	-0.8643	0.0252	-3.5211	0.1558
616	594	2.71375LL+1.3CF	-3.7928	0.4102	0.0000	0.0000	0.0000	1.1279
616	594	2.71375LL+1.3CF	7.4634	0.3298	0.0000	0.0000	0.0000	1.0058
616	366	2.71375LL+1.3CF	-7.4634	-0.3298	0.0000	0.0000	0.0000	0.7258
616	366	2.71375LL+1.3CF	3.7928	-0.4102	0.0000	0.0000	0.0000	1.0257
617	595	2.71375LL+1.3CF	-11.8271	-0.0565	0.0000	0.0000	0.0000	-0.1488
617	595	2.71375LL+1.3CF	13.0806	-0.0400	0.0000	0.0000	0.0000	-0.0507
617	367	2.71375LL+1.3CF	-13.0806	0.0400	0.0000	0.0000	0.0000	-0.1591
617	367	2.71375LL+1.3CF	11.8271	0.0565	0.0000	0.0000	0.0000	-0.1480
630	606	2.71375LL+1.3CF	-12.3530	0.0608	-0.3113	0.0126	1.7675	0.3375
630	606	2.71375LL+1.3CF	9.8809	-0.0279	0.0808	-0.0012	0.4432	-0.2017
630	379	2.71375LL+1.3CF	-9.8809	0.0279	-0.0808	0.0012	-1.1028	-0.0013
630	379	2.71375LL+1.3CF	12.3530	-0.0608	0.3113	-0.0126	0.4734	0.1044
631	607	2.71375LL+1.3CF	-11.1908	-0.0387	0.6432	-0.0194	-2.1050	-0.1360
631	607	2.71375LL+1.3CF	14.0856	0.0329	0.4658	-0.0144	-1.2235	0.0687
631	378	2.71375LL+1.3CF	-14.0856	-0.0329	-0.4658	0.0144	-2.1587	0.1804
631	378	2.71375LL+1.3CF	11.1908	0.0387	-0.6432	0.0194	-2.9670	-0.1454
632	606	2.71375LL+1.3CF	-8.3823	-0.1836	0.0000	0.0000	0.0000	-0.6564
632	606	2.71375LL+1.3CF	13.9837	0.3077	0.0000	0.0000	0.0000	1.0064
632	378	2.71375LL+1.3CF	-13.9837	-0.3077	0.0000	0.0000	0.0000	0.6069
632	378	2.71375LL+1.3CF	8.3823	0.1836	0.0000	0.0000	0.0000	-0.3074
633	607	2.71375LL+1.3CF	-28.7449	-0.0612	0.0000	0.0000	0.0000	-0.5842
633	607	2.71375LL+1.3CF	33.3246	0.0623	0.0000	0.0000	0.0000	0.5272
633	378	2.71375LL+1.3CF	-33.3246	-0.0623	0.0000	0.0000	0.0000	-0.2002
633	378	2.71375LL+1.3CF	28.7449	0.0612	0.0000	0.0000	0.0000	0.2627
646	618	2.71375LL+1.3CF	-19.7767	0.0072	0.3828	-0.0113	-1.3793	0.0866
646	618	2.71375LL+1.3CF	6.8099	-0.0008	0.1145	-0.0027	-0.3653	-0.0406
646	391	2.71375LL+1.3CF	-6.8099	0.0008	-0.1145	0.0027	-0.4463	0.0350
646	391	2.71375LL+1.3CF	19.7767	-0.0072	-0.3828	0.0113	-1.4014	-0.0444
647	618	2.71375LL+1.3CF	-9.0612	0.0100	0.1997	-0.0049	-0.7346	-0.0036
647	618	2.71375LL+1.3CF	23.5015	-0.0491	0.8333	-0.0128	-2.4447	-0.1318
647	390	2.71375LL+1.3CF	-23.5015	0.0491	-0.8333	0.0128	-2.1555	-0.2250
647	390	2.71375LL+1.3CF	9.0612	-0.0100	-0.1997	0.0049	-0.8917	0.0791

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
648	618	2.7137SLL+1.3CF	-7.8872	-0.4277	0.0000	0.0000	0.0000	-1.0298
648	618	2.7137SLL+1.3CF	4.3838	0.1251	0.0000	0.0000	0.0000	0.2128
648	390	2.7137SLL+1.3CF	-4.3838	-0.1251	0.0000	0.0000	0.0000	0.4439
648	390	2.7137SLL+1.3CF	7.8872	0.4277	0.0000	0.0000	0.0000	-1.2155
648	619	2.7137SLL+1.3CF	-31.6953	0.0062	0.0000	0.0000	0.0000	-0.3611
648	619	2.7137SLL+1.3CF	44.5570	0.0371	0.0000	0.0000	0.0000	0.5277
648	391	2.7137SLL+1.3CF	-44.5570	-0.0371	0.0000	0.0000	0.0000	-0.3330
648	391	2.7137SLL+1.3CF	31.8853	-0.0062	0.0000	0.0000	0.0000	0.4093
662	630	2.7137SLL+1.3CF	-23.8621	-0.0258	0.4871	-0.0144	-1.8033	-0.0233
662	630	2.7137SLL+1.3CF	5.5662	-0.0106	0.1428	-0.0037	-0.5202	-0.0695
662	403	2.7137SLL+1.3CF	-5.5662	0.0106	-0.1428	0.0037	-0.5173	-0.0072
662	403	2.7137SLL+1.3CF	23.8621	0.0258	-0.4871	0.0144	-1.8086	-0.1629
663	631	2.7137SLL+1.3CF	-6.1505	0.0114	0.1764	-0.0035	-0.6732	0.0098
663	631	2.7137SLL+1.3CF	31.7377	-0.0390	0.6484	-0.0125	-2.5151	-0.0606
663	402	2.7137SLL+1.3CF	-31.7377	0.0390	-0.6484	0.0125	-2.1843	-0.2024
663	402	2.7137SLL+1.3CF	6.1505	-0.0114	-0.1764	0.0035	-0.6679	0.0727
664	630	2.7137SLL+1.3CF	-13.8793	-0.3023	0.0000	0.0000	0.0000	-0.6089
664	630	2.7137SLL+1.3CF	3.1872	0.0785	0.0000	0.0000	0.0000	0.3025
664	402	2.7137SLL+1.3CF	-3.1872	-0.0785	0.0000	0.0000	0.0000	0.2088
664	402	2.7137SLL+1.3CF	13.8793	0.3023	0.0000	0.0000	0.0000	-0.9779
665	631	2.7137SLL+1.3CF	-29.7755	0.0735	0.0000	0.0000	0.0000	-0.1717
665	631	2.7137SLL+1.3CF	54.0508	0.1028	0.0000	0.0000	0.0000	0.7418
665	403	2.7137SLL+1.3CF	-54.0508	-0.1028	0.0000	0.0000	0.0000	-0.2020
665	403	2.7137SLL+1.3CF	29.7755	-0.0735	0.0000	0.0000	0.0000	0.5677
678	642	2.7137SLL+1.3CF	-22.6278	-0.0287	0.0879	-0.0021	-0.2648	-0.0257
678	642	2.7137SLL+1.3CF	4.7312	-0.0079	0.0294	-0.0012	-0.1230	-0.0420
678	415	2.7137SLL+1.3CF	-4.7312	0.0079	-0.0294	0.0012	-0.0903	-0.0131
678	415	2.7137SLL+1.3CF	22.6278	0.0287	-0.0878	0.0021	-0.1546	-0.1831
679	643	2.7137SLL+1.3CF	-4.6706	0.0078	0.0148	-0.0009	-0.0293	0.0005
679	643	2.7137SLL+1.3CF	31.2824	-0.0099	0.1045	-0.0014	-0.3375	-0.0956
679	414	2.7137SLL+1.3CF	-31.2824	0.0099	-0.1045	0.0014	-0.4218	-0.2258
679	414	2.7137SLL+1.3CF	4.6706	-0.0078	-0.0148	0.0009	-0.0794	0.0583
680	642	2.7137SLL+1.3CF	-15.3844	-0.2566	0.0000	0.0000	0.0000	-0.5503
680	642	2.7137SLL+1.3CF	2.8496	0.0628	0.0000	0.0000	0.0000	0.1568

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
680	414	2.7137SLL+1.3CF	-2.8496	-0.0628	0.0000	0.0000	0.0000	0.1730
680	414	2.7137SLL+1.3CF	15.3844	0.2566	0.0000	0.0000	0.0000	-0.8073
681	643	2.7137SLL+1.3CF	-25.4622	0.0863	0.0000	0.0000	0.0000	-0.0946
681	643	2.7137SLL+1.3CF	53.9874	0.1320	0.0000	0.0000	0.0000	0.8252
681	415	2.7137SLL+1.3CF	-53.9874	-0.1320	0.0000	0.0000	0.0000	-0.1323
681	415	2.7137SLL+1.3CF	25.4622	-0.0863	0.0000	0.0000	0.0000	0.5479
691	651	2.7137SLL+1.3CF	-23.2436	-0.0288	-0.0707	0.0018	0.2898	-0.0227
691	651	2.7137SLL+1.3CF	4.8215	-0.0081	-0.0368	0.0014	0.1484	-0.0414
691	424	2.7137SLL+1.3CF	-4.8215	0.0081	0.0368	-0.0014	0.1188	-0.0173
691	424	2.7137SLL+1.3CF	33.2436	0.0288	0.0707	-0.0018	0.2137	-0.1862
692	652	2.7137SLL+1.3CF	-4.9553	0.0085	-0.0140	0.0001	0.0389	0.0012
692	652	2.7137SLL+1.3CF	31.9102	-0.0353	-0.1183	0.0020	0.3633	-0.0285
692	423	2.7137SLL+1.3CF	-31.9102	0.0353	0.1183	-0.0020	0.4731	-0.2291
692	423	2.7137SLL+1.3CF	4.9553	-0.0085	0.0140	-0.0001	0.0620	0.0606
693	651	2.7137SLL+1.3CF	-15.6396	-0.2514	0.0000	0.0000	0.0000	-0.5066
693	651	2.7137SLL+1.3CF	2.8185	0.0635	0.0000	0.0000	0.0000	0.1565
693	423	2.7137SLL+1.3CF	-2.8185	-0.0635	0.0000	0.0000	0.0000	0.1736
693	423	2.7137SLL+1.3CF	15.6396	0.2514	0.0000	0.0000	0.0000	-0.8129
694	652	2.7137SLL+1.3CF	-26.2872	0.0817	0.0000	0.0000	0.0000	-0.1129
694	652	2.7137SLL+1.3CF	54.9153	0.1391	0.0000	0.0000	0.0000	0.8637
694	424	2.7137SLL+1.3CF	-54.9153	-0.1391	0.0000	0.0000	0.0000	-0.1335
694	424	2.7137SLL+1.3CF	26.2872	-0.0817	0.0000	0.0000	0.0000	0.5418
707	663	2.7137SLL+1.3CF	-23.9791	-0.0252	-0.4080	0.0119	1.4781	-0.0219
707	663	2.7137SLL+1.3CF	5.4914	-0.0108	-0.1473	0.0040	0.5429	-0.0707
707	436	2.7137SLL+1.3CF	-5.4914	0.0108	0.1473	-0.0040	0.5290	-0.0079
707	436	2.7137SLL+1.3CF	23.9791	0.0252	0.4080	-0.0119	1.4655	-0.1614
708	664	2.7137SLL+1.3CF	-6.1460	0.0099	-0.1668	0.0038	0.7199	0.0045
708	664	2.7137SLL+1.3CF	32.1131	-0.0390	-0.6119	0.0119	2.3624	-0.0628
708	435	2.7137SLL+1.3CF	-32.1131	0.0390	0.6119	-0.0119	2.0834	-0.2009
708	435	2.7137SLL+1.3CF	6.1460	-0.0099	0.1668	-0.0038	0.6515	0.0675
709	663	2.7137SLL+1.3CF	-13.8468	-0.3067	0.0000	0.0000	0.0000	-0.6063
709	663	2.7137SLL+1.3CF	3.1886	0.0842	0.0000	0.0000	0.0000	0.2133
709	435	2.7137SLL+1.3CF	-3.1886	-0.0842	0.0000	0.0000	0.0000	0.2267
709	435	2.7137SLL+1.3CF	13.8468	0.3067	0.0000	0.0000	0.0000	-0.9964

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
710	864	2.7137SLL+1.3CF	-30.5122	0.0750	0.0000	0.0000	0.0000	-0.1739
710	864	2.7137SLL+1.3CF	54.8146	0.1119	0.0000	0.0000	0.0000	0.7668
710	436	2.7137SLL+1.3CF	-54.8146	-0.1119	0.0000	0.0000	0.0000	-0.1819
710	436	2.7137SLL+1.3CF	30.5122	-0.0750	0.0000	0.0000	0.0000	0.5679
723	675	2.7137SLL+1.3CF	-20.0915	0.0077	-0.4847	0.0137	1.7326	0.1014
723	675	2.7137SLL+1.3CF	8.9258	-0.0015	-0.1244	0.0030	0.4234	-0.0418
723	448	2.7137SLL+1.3CF	-8.9258	0.0015	0.1244	-0.0030	0.4608	0.0304
723	448	2.7137SLL+1.3CF	20.0915	-0.0077	0.4847	-0.0137	1.7680	-0.0452
724	676	2.7137SLL+1.3CF	-8.8783	0.0062	-0.2057	0.0053	0.7646	-0.0084
724	676	2.7137SLL+1.3CF	23.6963	-0.0498	-0.6589	0.0137	2.5232	-0.1328
724	447	2.7137SLL+1.3CF	-23.6963	0.0498	0.6589	-0.0137	2.2828	-0.2290
724	447	2.7137SLL+1.3CF	8.8783	-0.0062	0.2057	-0.0053	0.7394	0.0748
725	675	2.7137SLL+1.3CF	-7.6435	-0.4404	0.0000	0.0000	0.0000	-1.1003
725	675	2.7137SLL+1.3CF	4.4399	0.1251	0.0000	0.0000	0.0000	0.1832
725	447	2.7137SLL+1.3CF	-4.4399	-0.1251	0.0000	0.0000	0.0000	0.4737
725	447	2.7137SLL+1.3CF	7.6435	0.4404	0.0000	0.0000	0.0000	-1.2114
726	676	2.7137SLL+1.3CF	-32.7137	0.0060	0.0000	0.0000	0.0000	-0.3933
726	676	2.7137SLL+1.3CF	45.4670	0.0434	0.0000	0.0000	0.0000	0.5388
726	448	2.7137SLL+1.3CF	-45.4670	-0.0434	0.0000	0.0000	0.0000	-0.3111
726	448	2.7137SLL+1.3CF	32.7137	-0.0060	0.0000	0.0000	0.0000	0.4250
739	887	2.7137SLL+1.3CF	-12.5291	0.0606	0.3376	-0.0141	-1.8981	0.3335
739	887	2.7137SLL+1.3CF	10.1398	-0.0273	-0.0277	-0.0006	-0.5382	-0.1979
739	460	2.7137SLL+1.3CF	-10.1398	0.0273	0.0277	0.0006	0.7402	-0.0003
739	460	2.7137SLL+1.3CF	12.5291	-0.0606	-0.3376	0.0141	-0.5558	0.1079
740	888	2.7137SLL+1.3CF	-11.2273	-0.0398	-0.6817	0.0200	2.1238	-0.1411
740	888	2.7137SLL+1.3CF	14.5936	0.0306	-0.4537	0.0152	0.9668	0.0412
740	459	2.7137SLL+1.3CF	-14.5936	-0.0306	0.4537	-0.0152	2.3086	0.1809
740	459	2.7137SLL+1.3CF	11.2273	0.0398	0.6817	-0.0200	2.8086	-0.1484
741	887	2.7137SLL+1.3CF	-8.2361	-0.1607	0.0000	0.0000	0.0000	-0.5760
741	887	2.7137SLL+1.3CF	14.0666	0.3163	0.0000	0.0000	0.0000	1.0281
741	459	2.7137SLL+1.3CF	-14.0666	-0.3163	0.0000	0.0000	0.0000	0.6325
741	459	2.7137SLL+1.3CF	8.2361	0.1607	0.0000	0.0000	0.0000	-0.2878
742	888	2.7137SLL+1.3CF	-29.4201	-0.0666	0.0000	0.0000	0.0000	-0.6050
742	888	2.7137SLL+1.3CF	33.4157	0.0329	0.0000	0.0000	0.0000	0.4647

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
742	460	2.7137SLL+1.3CF	-33.4157	-0.0329	0.0000	0.0000	0.0000	-0.2622
742	460	2.7137SLL+1.3CF	29.4201	0.0666	0.0000	0.0000	0.0000	0.2557
755	899	2.7137SLL+1.3CF	-4.4112	0.0191	0.0126	0.0002	0.0257	0.1067
755	899	2.7137SLL+1.3CF	15.4173	-0.0951	-0.0537	-0.0018	-0.1691	-0.3848
755	472	2.7137SLL+1.3CF	-15.4173	0.0951	0.0537	0.0018	0.3592	-0.3060
755	472	2.7137SLL+1.3CF	4.4112	-0.0191	-0.0126	-0.0002	-0.1172	0.0318
756	700	2.7137SLL+1.3CF	-3.1352	0.0315	-0.9358	0.0236	3.4727	0.0857
756	700	2.7137SLL+1.3CF	13.7582	0.1204	0.2057	-0.0062	-0.7206	0.3968
756	471	2.7137SLL+1.3CF	-13.7582	-0.1204	-0.2057	0.0062	-0.7730	0.4779
756	471	2.7137SLL+1.3CF	3.1352	-0.0315	0.9358	-0.0236	3.3042	0.1431
757	899	2.7137SLL+1.3CF	-4.0894	0.2564	0.0000	0.0000	0.0000	0.7344
757	899	2.7137SLL+1.3CF	7.6758	0.2894	0.0000	0.0000	0.0000	0.9318
757	471	2.7137SLL+1.3CF	-7.6758	-0.2894	0.0000	0.0000	0.0000	0.6343
757	471	2.7137SLL+1.3CF	4.0894	-0.2564	0.0000	0.0000	0.0000	0.6115
758	700	2.7137SLL+1.3CF	-12.0355	-0.0066	0.0000	0.0000	0.0000	-0.1545
758	700	2.7137SLL+1.3CF	13.3183	0.0111	0.0000	0.0000	0.0000	0.0259
758	472	2.7137SLL+1.3CF	-13.4136	-0.0092	0.0000	0.0000	0.0000	0.0299
758	472	2.7137SLL+1.3CF	12.0355	0.0589	0.0000	0.0000	0.0000	-0.1550
771	711	2.7137SLL+1.3CF	-14.9480	0.0748	-0.2424	0.0121	1.7015	0.4088
771	711	2.7137SLL+1.3CF	18.3018	-0.0642	-0.2048	0.0075	1.1514	-0.3631
771	464	2.7137SLL+1.3CF	-18.3018	0.0642	0.2048	-0.0075	0.3565	-0.1031
771	464	2.7137SLL+1.3CF	14.9480	-0.0748	0.2424	-0.0121	0.0590	0.1348
772	712	2.7137SLL+1.3CF	-18.1003	-0.0715	0.2371	-0.0084	-0.4675	-0.2123
772	712	2.7137SLL+1.3CF	17.2360	0.0327	0.6640	-0.0224	-1.7708	0.0437
772	463	2.7137SLL+1.3CF	-17.2360	-0.0327	-0.6640	0.0224	-3.0624	0.1937
772	463	2.7137SLL+1.3CF	18.1003	0.0715	-0.2371	0.0084	-1.2347	-0.3067
773	711	2.7137SLL+1.3CF	-10.9251	-0.2704	0.0000	0.0000	0.0000	-0.9032
773	711	2.7137SLL+1.3CF	9.2634	0.0968	0.0000	0.0000	0.0000	0.2672
773	463	2.7137SLL+1.3CF	-9.2634	-0.0968	0.0000	0.0000	0.0000	0.0294
773	463	2.7137SLL+1.3CF	10.9251	0.2704	0.0000	0.0000	0.0000	-0.5161
774	712	2.7137SLL+1.3CF	-40.4149	-0.1496	0.0000	0.0000	0.0000	-0.9282
774	712	2.7137SLL+1.3CF	36.4523	0.0104	0.0000	0.0000	0.0000	0.4251
774	464	2.7137SLL+1.3CF	-36.4523	-0.0104	0.0000	0.0000	0.0000	-0.3705
774	464	2.7137SLL+1.3CF	40.4149	0.1496	0.0000	0.0000	0.0000	0.1457

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
767	723	2.7137SLL+1.3CF	-21.5439	0.0912	-0.2279	0.0097	1.4068	0.5401
767	723	2.7137SLL+1.3CF	8.2102	-0.0196	-0.0576	0.0023	0.3513	-0.1402
767	486	2.7137SLL+1.3CF	-8.2102	0.0196	0.0576	-0.0023	0.0669	0.0052
767	486	2.7137SLL+1.3CF	21.5439	-0.0912	0.2279	-0.0097	0.2184	0.1221
768	724	2.7137SLL+1.3CF	-9.0205	-0.0345	0.0880	-0.0033	-0.2439	-0.1211
768	724	2.7137SLL+1.3CF	23.6888	0.0533	0.3324	-0.0122	-0.9481	0.1237
768	485	2.7137SLL+1.3CF	-23.6888	-0.0533	-0.3324	0.0122	-1.3695	0.2836
768	485	2.7137SLL+1.3CF	9.0205	0.0345	-0.0880	0.0033	-0.3948	-0.1296
769	723	2.7137SLL+1.3CF	-18.0852	-0.5831	0.0000	0.0000	0.0000	-1.8534
769	723	2.7137SLL+1.3CF	7.8023	-0.1139	0.0000	0.0000	0.0000	-0.1738
769	485	2.7137SLL+1.3CF	-7.8023	0.1139	0.0000	0.0000	0.0000	-0.4242
769	485	2.7137SLL+1.3CF	18.0852	0.5831	0.0000	0.0000	0.0000	-1.2075
790	724	2.7137SLL+1.3CF	-40.0240	-0.0917	0.0000	0.0000	0.0000	-0.8185
790	724	2.7137SLL+1.3CF	46.4388	0.1262	0.0000	0.0000	0.0000	0.8384
790	486	2.7137SLL+1.3CF	-46.4388	-0.1262	0.0000	0.0000	0.0000	-0.1759
790	486	2.7137SLL+1.3CF	43.0240	0.0917	0.0000	0.0000	0.0000	0.3374
803	735	2.7137SLL+1.3CF	-21.2488	0.0030	-0.1036	0.0051	0.4300	0.0866
803	735	2.7137SLL+1.3CF	5.5493	-0.0073	-0.0680	0.0018	0.2401	-0.0624
803	508	2.7137SLL+1.3CF	-5.5493	0.0073	0.0680	-0.0018	0.2397	0.0067
803	508	2.7137SLL+1.3CF	21.2488	-0.0030	0.1036	-0.0051	0.3228	-0.0752
804	736	2.7137SLL+1.3CF	-7.8832	0.0133	-0.0887	0.0012	0.3883	0.0079
804	736	2.7137SLL+1.3CF	25.5004	-0.0353	-0.2048	0.0022	0.9291	-0.0724
804	507	2.7137SLL+1.3CF	-25.5004	0.0353	0.2048	-0.0022	0.8587	-0.1840
804	507	2.7137SLL+1.3CF	7.8832	-0.0133	0.0887	-0.0012	0.3287	0.0690
805	735	2.7137SLL+1.3CF	-7.5366	-0.4579	0.0000	0.0000	0.0000	-1.5352
805	735	2.7137SLL+1.3CF	6.1679	0.1496	0.0000	0.0000	0.0000	0.4002
805	507	2.7137SLL+1.3CF	-6.1679	-0.1496	0.0000	0.0000	0.0000	0.3654
805	507	2.7137SLL+1.3CF	7.5366	0.4579	0.0000	0.0000	0.0000	-0.5686
806	736	2.7137SLL+1.3CF	-37.6490	-0.0193	0.0000	0.0000	0.0000	-0.4829
806	736	2.7137SLL+1.3CF	49.0534	0.0888	0.0000	0.0000	0.0000	0.7813
806	508	2.7137SLL+1.3CF	-49.0534	-0.0888	0.0000	0.0000	0.0000	-0.2944
806	508	2.7137SLL+1.3CF	37.6490	0.0193	0.0000	0.0000	0.0000	0.5868
819	747	2.7137SLL+1.3CF	-15.8464	-0.0097	-0.2393	0.0080	0.8796	0.0102
819	747	2.7137SLL+1.3CF	6.0252	-0.0094	-0.1498	0.0039	0.5319	-0.0653

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
819	520	2.7137SLL+1.3CF	-6.0252	0.0094	0.1498	-0.0039	0.5646	-0.0029
819	520	2.7137SLL+1.3CF	15.8464	0.0097	0.2393	-0.0080	0.8683	-0.0809
820	748	2.7137SLL+1.3CF	-7.6358	0.0133	-0.1474	0.0033	0.3554	0.0172
820	748	2.7137SLL+1.3CF	20.5913	-0.0274	-0.3124	0.0047	1.2593	-0.0787
820	519	2.7137SLL+1.3CF	-20.5913	0.0274	0.3124	-0.0047	1.0150	-0.1207
820	519	2.7137SLL+1.3CF	7.6358	-0.0133	0.1474	-0.0033	0.3153	0.0796
821	747	2.7137SLL+1.3CF	-5.1621	-0.1301	0.0000	0.0000	0.0000	-0.2296
821	747	2.7137SLL+1.3CF	2.2532	0.0519	0.0000	0.0000	0.0000	0.1393
821	519	2.7137SLL+1.3CF	-2.2532	-0.0519	0.0000	0.0000	0.0000	0.1334
821	519	2.7137SLL+1.3CF	5.1621	0.1301	0.0000	0.0000	0.0000	-0.4536
822	748	2.7137SLL+1.3CF	-27.6814	0.0088	0.0000	0.0000	0.0000	-0.3159
822	748	2.7137SLL+1.3CF	38.1464	0.0428	0.0000	0.0000	0.0000	0.5059
822	520	2.7137SLL+1.3CF	-38.1464	-0.0428	0.0000	0.0000	0.0000	-0.2919
822	520	2.7137SLL+1.3CF	27.6814	-0.0088	0.0000	0.0000	0.0000	0.3621
835	759	2.7137SLL+1.3CF	-3.3029	0.0323	-0.8058	0.0147	2.1305	0.1709
835	759	2.7137SLL+1.3CF	11.5813	-0.0867	0.2003	0.0005	-0.6815	-0.3429
835	532	2.7137SLL+1.3CF	-11.5813	0.0867	-0.2003	-0.0005	-0.8036	-0.2968
835	532	2.7137SLL+1.3CF	3.3029	-0.0323	0.8058	-0.0147	2.2897	0.0637
836	760	2.7137SLL+1.3CF	-5.5915	-0.0361	0.5552	-0.0125	-2.0973	-0.1048
836	760	2.7137SLL+1.3CF	12.8171	0.0763	-0.7941	0.0157	3.0877	0.3256
836	531	2.7137SLL+1.3CF	-12.8171	-0.0763	0.7941	-0.0157	2.8602	0.3295
836	531	2.7137SLL+1.3CF	5.5915	0.0361	-0.5552	0.0125	-1.9352	-0.1573
837	759	2.7137SLL+1.3CF	-2.8400	-0.0867	0.0000	0.0000	0.0000	-0.2410
837	759	2.7137SLL+1.3CF	1.2523	-0.1433	0.0000	0.0000	0.0000	-0.3923
837	531	2.7137SLL+1.3CF	-1.2523	0.1433	0.0000	0.0000	0.0000	-0.3599
837	531	2.7137SLL+1.3CF	2.8600	0.0867	0.0000	0.0000	0.0000	-0.2345
838	760	2.7137SLL+1.3CF	-5.9672	0.0294	0.0000	0.0000	0.0000	0.0866
838	760	2.7137SLL+1.3CF	2.5987	0.0170	0.0000	0.0000	0.0000	0.0448
838	532	2.7137SLL+1.3CF	-3.5796	-0.0229	0.0000	0.0000	0.0000	0.0714
838	532	2.7137SLL+1.3CF	5.9672	-0.0294	0.0000	0.0000	0.0000	0.0858
840	762	2.7137SLL+1.3CF	-4.5528	0.0191	-0.4640	0.0139	1.9770	0.0442
840	762	2.7137SLL+1.3CF	14.1078	-0.0755	-0.1000	-0.0025	0.3032	-0.2757
840	535	2.7137SLL+1.3CF	-14.1078	0.0755	0.1000	0.0025	0.4233	-0.2726
840	535	2.7137SLL+1.3CF	4.5528	-0.0191	0.4640	-0.0139	1.9929	0.0648

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
841	763	2.7137SLL+1.3CF	-7.6602	-0.0571	-0.6757	0.0145	2.5799	-0.1999
841	763	2.7137SLL+1.3CF	10.8668	0.0696	0.2523	-0.0041	-1.0031	0.2397
841	534	2.7137SLL+1.3CF	-10.8669	-0.0696	-0.2523	0.0041	-0.8298	0.2659
841	534	2.7137SLL+1.3CF	7.6602	0.0571	0.6757	-0.0145	2.3511	-0.2481
842	762	2.7137SLL+1.3CF	-3.7268	0.0052	0.0000	0.0000	0.0000	0.0491
842	762	2.7137SLL+1.3CF	1.2583	-0.1104	0.0000	0.0000	0.0000	-0.2693
842	534	2.7137SLL+1.3CF	-1.2583	0.1104	0.0000	0.0000	0.0000	-0.3102
842	534	2.7137SLL+1.3CF	3.7268	-0.0052	0.0000	0.0000	0.0000	-0.0218
843	763	2.7137SLL+1.3CF	-9.8237	0.0468	0.0000	0.0000	0.0000	0.1128
843	763	2.7137SLL+1.3CF	8.1867	-0.0467	0.0000	0.0000	0.0000	-0.1639
843	535	2.7137SLL+1.3CF	-8.1867	0.0467	0.0000	0.0000	0.0000	-0.0919
843	535	2.7137SLL+1.3CF	9.8237	-0.0468	0.0000	0.0000	0.0000	0.1313
856	774	2.7137SLL+1.3CF	-13.4140	-0.0234	0.0006	-0.0029	-0.1679	-0.1061
856	774	2.7137SLL+1.3CF	7.1954	0.0088	0.1598	-0.0059	-0.6037	0.0633
856	547	2.7137SLL+1.3CF	-7.1954	-0.0088	-0.1598	0.0059	-0.5337	0.0010
856	547	2.7137SLL+1.3CF	13.4140	0.0234	-0.0606	0.0029	-0.1699	-0.0621
857	775	2.7137SLL+1.3CF	-4.1173	-0.0034	-0.0131	0.0016	0.0086	-0.0325
857	775	2.7137SLL+1.3CF	21.3528	0.0004	0.5629	-0.0096	-2.3574	0.0596
857	549	2.7137SLL+1.3CF	-21.3528	-0.0004	-0.5629	0.0096	-1.8493	-0.0569
857	548	2.7137SLL+1.3CF	4.1173	0.0034	0.0131	-0.0016	0.0855	-0.0025
858	774	2.7137SLL+1.3CF	-5.8478	-0.1395	0.0000	0.0000	0.0000	-0.2570
858	774	2.7137SLL+1.3CF	3.1798	0.0338	0.0000	0.0000	0.0000	0.1662
858	548	2.7137SLL+1.3CF	-3.1798	-0.0338	0.0000	0.0000	0.0000	0.0091
858	548	2.7137SLL+1.3CF	5.8478	0.1395	0.0000	0.0000	0.0000	-0.4752
859	775	2.7137SLL+1.3CF	-19.5141	0.1402	0.0000	0.0000	0.0000	0.2325
859	775	2.7137SLL+1.3CF	35.3986	0.1463	0.0000	0.0000	0.0000	0.7177
859	547	2.7137SLL+1.3CF	-35.3986	-0.1463	0.0000	0.0000	0.0000	0.0501
859	547	2.7137SLL+1.3CF	19.5141	-0.1402	0.0000	0.0000	0.0000	0.5037
872	798	2.7137SLL+1.3CF	-16.5851	-0.0263	0.0008	-0.0018	-0.0410	-0.1396
872	798	2.7137SLL+1.3CF	5.4171	0.0079	0.1598	-0.0048	-0.7326	0.0478
872	559	2.7137SLL+1.3CF	-5.4171	-0.0079	-0.1598	0.0048	-0.7132	0.0099
872	559	2.7137SLL+1.3CF	16.5851	0.0263	-0.0008	0.0018	0.0358	-0.0662
873	787	2.7137SLL+1.3CF	-5.3852	0.0095	-0.0098	-0.0011	0.2145	-0.0233
873	787	2.7137SLL+1.3CF	26.1234	0.0092	0.2598	-0.0027	-1.0637	0.1174

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
873	559	2.7137SLL+1.3CF	-26.1234	-0.0092	-0.2598	0.0027	-0.8240	-0.0509
873	559	2.7137SLL+1.3CF	5.3852	-0.0095	0.0098	0.0011	0.0746	0.0828
874	798	2.7137SLL+1.3CF	-12.6818	-0.1822	0.0000	0.0000	0.0000	-0.2831
874	798	2.7137SLL+1.3CF	7.6008	0.1122	0.0000	0.0000	0.0000	0.4697
874	559	2.7137SLL+1.3CF	-7.6008	-0.1122	0.0000	0.0000	0.0000	0.1166
874	559	2.7137SLL+1.3CF	12.6818	0.1822	0.0000	0.0000	0.0000	-0.5866
875	787	2.7137SLL+1.3CF	-28.9599	0.1713	0.0000	0.0000	0.0000	0.2318
875	787	2.7137SLL+1.3CF	46.2649	0.1981	0.0000	0.0000	0.0000	1.0197
875	559	2.7137SLL+1.3CF	-46.2649	-0.1981	0.0000	0.0000	0.0000	0.0202
875	559	2.7137SLL+1.3CF	28.9599	-0.1713	0.0000	0.0000	0.0000	0.6878
888	798	2.7137SLL+1.3CF	-19.3696	0.0591	0.1207	-0.0062	-0.7353	0.2774
888	798	2.7137SLL+1.3CF	9.5468	-0.0292	0.1313	-0.0055	-0.7770	-0.1607
888	571	2.7137SLL+1.3CF	-9.5468	0.0292	-0.1313	0.0055	-0.1764	-0.2515
888	571	2.7137SLL+1.3CF	19.3696	-0.0591	-0.1207	0.0062	-0.1417	0.1518
888	798	2.7137SLL+1.3CF	-8.1420	-0.0366	-0.2154	0.0072	0.3114	-0.1448
888	799	2.7137SLL+1.3CF	19.8868	0.0462	-0.2096	0.0084	0.4446	0.0448
889	570	2.7137SLL+1.3CF	-19.8868	-0.0462	0.2096	-0.0084	1.0702	0.2806
889	570	2.7137SLL+1.3CF	8.1420	0.0366	0.2154	-0.0072	1.0528	-0.1215
890	798	2.7137SLL+1.3CF	-19.8636	-0.4584	0.0000	0.0000	0.0000	-1.4884
890	798	2.7137SLL+1.3CF	19.2779	0.4388	0.0000	0.0000	0.0000	1.3822
890	570	2.7137SLL+1.3CF	-19.2779	-0.4388	0.0000	0.0000	0.0000	0.9112
890	570	2.7137SLL+1.3CF	19.8636	0.4584	0.0000	0.0000	0.0000	-0.9114
891	799	2.7137SLL+1.3CF	-20.7786	0.0731	0.0000	0.0000	0.0000	-0.1615
891	799	2.7137SLL+1.3CF	47.4269	0.0748	0.0000	0.0000	0.0000	0.7407
891	571	2.7137SLL+1.3CF	-47.4269	-0.0748	0.0000	0.0000	0.0000	-0.3486
891	571	2.7137SLL+1.3CF	20.7786	-0.0731	0.0000	0.0000	0.0000	0.5450
904	810	2.7137SLL+1.3CF	-14.9015	0.0442	0.1697	-0.0079	-1.0309	0.1998
904	810	2.7137SLL+1.3CF	14.2878	-0.0475	0.2856	-0.0088	-1.3504	-0.2029
904	563	2.7137SLL+1.3CF	-14.2878	0.0475	-0.2856	0.0088	-0.7240	-0.0526
904	563	2.7137SLL+1.3CF	14.9015	-0.0442	-0.1697	0.0079	-0.2018	0.1220
905	811	2.7137SLL+1.3CF	-13.5561	-0.0499	-0.1056	0.0017	0.1241	-0.1728
905	811	2.7137SLL+1.3CF	13.5298	0.0550	-0.3857	0.0139	0.8811	0.0290
905	562	2.7137SLL+1.3CF	-13.5298	-0.0550	0.3857	-0.0139	1.9138	0.2254
905	562	2.7137SLL+1.3CF	13.5561	0.0499	0.1056	-0.0017	0.8427	-0.1889

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
906	810	2.7137SLL+1.3CF	-12.5441	-0.2399	0.0000	0.0000	0.0000	-0.8472
906	810	2.7137SLL+1.3CF	22.7954	0.7095	0.0000	0.0000	0.0000	2.1017
906	562	2.7137SLL+1.3CF	-22.7954	-0.7095	0.0000	0.0000	0.0000	1.6229
906	562	2.7137SLL+1.3CF	12.5441	0.2399	0.0000	0.0000	0.0000	-0.4119
907	811	2.7137SLL+1.3CF	-35.8405	0.1470	0.0000	0.0000	0.0000	0.0324
907	811	2.7137SLL+1.3CF	37.8808	0.0041	0.0000	0.0000	0.0000	0.3318
907	563	2.7137SLL+1.3CF	-37.8808	-0.0041	0.0000	0.0000	0.0000	-0.3103
907	563	2.7137SLL+1.3CF	35.8405	-0.1470	0.0000	0.0000	0.0000	0.7394
920	822	2.7137SLL+1.3CF	-4.3223	0.0211	-0.0738	0.0016	0.2372	0.1909
920	822	2.7137SLL+1.3CF	33.2882	-0.1883	0.5193	-0.0120	-1.9020	-0.6886
920	595	2.7137SLL+1.3CF	-33.2882	0.1883	-0.5193	0.0120	-2.2698	-0.6194
920	595	2.7137SLL+1.3CF	4.3223	-0.0211	0.0738	-0.0016	0.2967	0.0523
921	823	2.7137SLL+1.3CF	-6.3141	0.0080	0.8608	-0.0271	-3.2484	0.1544
921	823	2.7137SLL+1.3CF	8.7921	0.1082	-0.1341	0.0043	0.3680	0.3635
921	594	2.7137SLL+1.3CF	-8.7921	-0.1082	0.1341	-0.0043	0.5759	0.4300
921	594	2.7137SLL+1.3CF	6.3141	-0.0080	-0.8608	0.0271	-3.9450	-0.0861
922	822	2.7137SLL+1.3CF	-2.5528	0.2174	0.0000	0.0000	0.0000	0.8011
922	822	2.7137SLL+1.3CF	11.5843	0.8355	0.0000	0.0000	0.0000	2.3654
922	594	2.7137SLL+1.3CF	-11.5843	-0.8355	0.0000	0.0000	0.0000	2.0203
922	594	2.7137SLL+1.3CF	2.5528	-0.2174	0.0000	0.0000	0.0000	0.5101
923	823	2.7137SLL+1.3CF	-23.8182	-0.0637	0.0000	0.0000	0.0000	-0.1788
923	823	2.7137SLL+1.3CF	14.0868	-0.2260	0.0000	0.0000	0.0000	-0.7954
923	595	2.7137SLL+1.3CF	-12.0294	0.1186	0.0000	0.0000	0.0000	-0.2579
923	595	2.7137SLL+1.3CF	23.8182	0.0637	0.0000	0.0000	0.0000	-0.2623
936	834	2.7137SLL+1.3CF	-13.1752	0.0382	-0.1418	0.0068	0.9043	0.1630
936	834	2.7137SLL+1.3CF	11.9362	-0.0439	0.5826	-0.0134	-1.1728	-0.2444
936	607	2.7137SLL+1.3CF	-11.9362	0.0439	-0.5826	0.0134	-3.0581	-0.0674
936	607	2.7137SLL+1.3CF	13.1752	-0.0382	0.1418	-0.0068	0.1263	0.1147
937	835	2.7137SLL+1.3CF	-9.9999	-0.0668	0.6058	-0.0182	-2.0410	-0.1925
937	835	2.7137SLL+1.3CF	11.8383	0.0331	0.4220	-0.0137	-1.0443	0.0207
937	606	2.7137SLL+1.3CF	-11.8383	-0.0331	-0.4220	0.0137	-2.0257	0.2200
937	606	2.7137SLL+1.3CF	9.9999	0.0668	-0.6058	0.0182	-2.7208	-0.5144
938	834	2.7137SLL+1.3CF	-9.2581	-0.1627	0.0000	0.0000	0.0000	-0.6322
938	834	2.7137SLL+1.3CF	9.3838	0.1179	0.0000	0.0000	0.0000	0.4458

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips ft)	Moment Y (kips ft)	Moment Z (kips ft)
938	808	2.7137SLL+1.3CF	-9.3838	-0.1179	0.0000	0.0000	0.0000	0.1731
938	808	2.7137SLL+1.3CF	9.2581	0.1627	0.0000	0.0000	0.0000	-0.2221
939	835	2.7137SLL+1.3CF	-21.3877	0.0645	0.0000	0.0000	0.0000	-0.1607
939	835	2.7137SLL+1.3CF	34.2302	-0.0268	0.0000	0.0000	0.0000	0.2025
939	607	2.7137SLL+1.3CF	-34.2302	0.0268	0.0000	0.0000	0.0000	-0.3433
939	607	2.7137SLL+1.3CF	21.3877	-0.0645	0.0000	0.0000	0.0000	0.4880
952	846	2.7137SLL+1.3CF	-19.0625	-0.0295	0.1832	-0.0057	-0.6675	-0.1518
952	846	2.7137SLL+1.3CF	8.5394	0.0173	0.1688	-0.0043	-0.5863	0.0839
952	819	2.7137SLL+1.3CF	-8.5394	-0.0173	-0.1688	0.0043	-0.8397	0.0321
952	819	2.7137SLL+1.3CF	19.0625	0.0295	-0.1832	0.0057	-0.6630	-0.0831
953	847	2.7137SLL+1.3CF	-6.8115	-0.0102	0.0082	0.0000	-0.0428	-0.0408
953	847	2.7137SLL+1.3CF	25.9456	0.0052	1.0483	-0.0215	-3.9936	0.0760
953	818	2.7137SLL+1.3CF	-25.9456	-0.0052	-1.0483	0.0215	-3.8058	-0.0382
953	818	2.7137SLL+1.3CF	6.8115	0.0102	-0.0082	0.0000	-0.0173	-0.0332
954	846	2.7137SLL+1.3CF	-10.1530	0.1984	0.0000	0.0000	0.0000	0.4880
954	846	2.7137SLL+1.3CF	4.0860	0.0488	0.0000	0.0000	0.0000	0.2068
954	818	2.7137SLL+1.3CF	-4.0860	-0.0488	0.0000	0.0000	0.0000	0.0398
954	818	2.7137SLL+1.3CF	10.1530	-0.1984	0.0000	0.0000	0.0000	0.5756
955	847	2.7137SLL+1.3CF	-20.1237	0.1029	0.0000	0.0000	0.0000	-0.0220
955	847	2.7137SLL+1.3CF	49.4575	0.1201	0.0000	0.0000	0.0000	0.7445
955	818	2.7137SLL+1.3CF	-49.4575	-0.1201	0.0000	0.0000	0.0000	-0.1142
955	818	2.7137SLL+1.3CF	20.1237	-0.1029	0.0000	0.0000	0.0000	0.5604
968	858	2.7137SLL+1.3CF	-20.2382	-0.0362	0.1650	-0.0055	-0.8095	-0.1539
968	858	2.7137SLL+1.3CF	6.5847	0.0127	0.3494	-0.0087	-1.2806	0.1257
968	831	2.7137SLL+1.3CF	-6.5847	-0.0127	-0.3494	0.0087	-1.2769	-0.0355
968	831	2.7137SLL+1.3CF	20.2382	0.0362	-0.1650	0.0055	-0.5892	-0.1093
969	859	2.7137SLL+1.3CF	-4.1014	0.0000	0.0596	-0.0002	-0.2536	-0.0294
969	859	2.7137SLL+1.3CF	32.8114	-0.0143	0.8994	-0.0169	-3.4931	0.0723
969	830	2.7137SLL+1.3CF	-32.8114	0.0143	-0.8994	0.0169	-3.0398	-0.1793
969	830	2.7137SLL+1.3CF	4.1014	0.0000	-0.0596	0.0002	-0.1790	0.0297
970	858	2.7137SLL+1.3CF	-13.4627	-0.1834	0.0000	0.0000	0.0000	-0.7184
970	858	2.7137SLL+1.3CF	3.0494	0.0304	0.0000	0.0000	0.0000	0.1685
970	830	2.7137SLL+1.3CF	-3.0494	-0.0304	0.0000	0.0000	0.0000	0.0009
970	830	2.7137SLL+1.3CF	13.4627	0.1934	0.0000	0.0000	0.0000	-0.2986

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
971	859	2.7137SLL+1.3CF	-15.7885	0.2429	0.0000	0.0000	0.0000	0.3246
971	859	2.7137SLL+1.3CF	56.4399	0.1527	0.0000	0.0000	0.0000	0.6789
971	831	2.7137SLL+1.3CF	-56.4399	-0.1527	0.0000	0.0000	0.0000	-0.0779
971	831	2.7137SLL+1.3CF	15.7885	-0.2429	0.0000	0.0000	0.0000	0.7485
964	870	2.7137SLL+1.3CF	-16.5656	-0.0364	0.0121	-0.0002	-0.0815	-0.1479
964	870	2.7137SLL+1.3CF	5.1298	-0.0014	0.1064	-0.0027	-0.3648	0.0800
964	843	2.7137SLL+1.3CF	-5.1298	0.0014	-0.1064	0.0027	-0.3683	-0.0801
964	843	2.7137SLL+1.3CF	16.5656	0.0364	-0.0121	0.0002	-0.0063	-0.1166
965	871	2.7137SLL+1.3CF	-2.8682	-0.0015	0.0324	0.0004	-0.1531	-0.0271
965	871	2.7137SLL+1.3CF	30.9660	-0.0057	0.2831	-0.0039	-0.9353	0.1140
965	842	2.7137SLL+1.3CF	-30.9660	0.0057	-0.2831	0.0039	-0.8756	-0.1583
965	842	2.7137SLL+1.3CF	2.8682	0.0015	-0.0324	-0.0004	-0.0823	0.0160
966	870	2.7137SLL+1.3CF	-18.4719	0.0398	0.0000	0.0000	0.0000	-0.2493
966	870	2.7137SLL+1.3CF	2.5210	0.0194	0.0000	0.0000	0.0000	0.1138
966	842	2.7137SLL+1.3CF	-2.5210	-0.0194	0.0000	0.0000	0.0000	-0.0119
966	842	2.7137SLL+1.3CF	18.4719	-0.0398	0.0000	0.0000	0.0000	0.4573
967	871	2.7137SLL+1.3CF	-13.1684	0.2117	0.0000	0.0000	0.0000	0.4678
967	871	2.7137SLL+1.3CF	54.7129	0.1414	0.0000	0.0000	0.0000	0.8561
967	843	2.7137SLL+1.3CF	-54.7129	-0.1414	0.0000	0.0000	0.0000	-0.1139
967	843	2.7137SLL+1.3CF	13.1684	-0.2117	0.0000	0.0000	0.0000	0.8434
967	879	2.7137SLL+1.3CF	-16.7277	-0.0375	-0.0298	0.0007	0.1498	-0.1496
967	878	2.7137SLL+1.3CF	5.3959	-0.0040	-0.1200	0.0033	0.4095	0.0427
967	852	2.7137SLL+1.3CF	-5.3959	0.0040	0.1200	-0.0033	0.4018	-0.0721
967	852	2.7137SLL+1.3CF	16.7277	0.0370	0.0298	-0.0007	0.0759	-0.1194
968	880	2.7137SLL+1.3CF	-2.5079	0.0042	-0.0253	-0.0006	0.1217	-0.0180
968	880	2.7137SLL+1.3CF	31.8232	-0.0130	-0.0749	0.0006	0.1952	0.0804
968	851	2.7137SLL+1.3CF	-31.8232	0.0120	0.0749	-0.0006	0.3486	-0.1772
968	851	2.7137SLL+1.3CF	2.5079	-0.0042	0.0253	0.0006	0.0620	0.0486
969	879	2.7137SLL+1.3CF	-16.4467	0.0329	0.0000	0.0000	0.0000	-0.2877
969	879	2.7137SLL+1.3CF	2.4360	0.0200	0.0000	0.0000	0.0000	0.1148
969	851	2.7137SLL+1.3CF	-2.4360	-0.0200	0.0000	0.0000	0.0000	-0.0096
969	851	2.7137SLL+1.3CF	16.4467	-0.0329	0.0000	0.0000	0.0000	0.4605
1000	880	2.7137SLL+1.3CF	-13.5175	0.2225	0.0000	0.0000	0.0000	0.4853
1000	880	2.7137SLL+1.3CF	55.7881	0.1579	0.0000	0.0000	0.0000	0.9182

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1000	852	2.7137SLL+1.3CF	-55.7881	-0.1579	0.0000	0.0000	0.0000	-0.0906
1000	852	2.7137SLL+1.3CF	13.5175	-0.2225	0.0000	0.0000	0.0000	0.6727
1013	891	2.7137SLL+1.3CF	-20.4167	-0.0378	-0.1673	0.0056	0.6165	-0.1912
1013	891	2.7137SLL+1.3CF	6.7350	0.0097	-0.4383	0.0119	1.5767	0.1071
1013	864	2.7137SLL+1.3CF	-6.7350	-0.0097	0.4383	-0.0119	1.4648	-0.0368
1013	864	2.7137SLL+1.3CF	20.4167	0.0378	0.1673	-0.0056	0.5843	-0.1133
1014	892	2.7137SLL+1.3CF	-3.8313	0.0028	-0.0218	0.0012	0.0639	-0.0290
1014	892	2.7137SLL+1.3CF	32.9468	-0.0144	-0.8575	0.0184	3.3088	0.0754
1014	863	2.7137SLL+1.3CF	-32.9468	0.0144	0.8575	-0.0184	2.9196	-0.1798
1014	863	2.7137SLL+1.3CF	3.8313	-0.0028	0.0218	-0.0012	0.0945	0.0485
1015	891	2.7137SLL+1.3CF	-13.5476	-0.2027	0.0000	0.0000	0.0000	-0.7374
1015	891	2.7137SLL+1.3CF	3.0779	0.0299	0.0000	0.0000	0.0000	0.1813
1015	863	2.7137SLL+1.3CF	-3.0779	-0.0299	0.0000	0.0000	0.0000	-0.0041
1015	863	2.7137SLL+1.3CF	13.5476	0.2027	0.0000	0.0000	0.0000	-0.3266
1016	892	2.7137SLL+1.3CF	-20.8081	0.2418	0.0000	0.0000	0.0000	0.5028
1016	892	2.7137SLL+1.3CF	57.0501	0.1509	0.0000	0.0000	0.0000	0.8779
1016	864	2.7137SLL+1.3CF	-57.0501	-0.1509	0.0000	0.0000	0.0000	-0.0858
1016	864	2.7137SLL+1.3CF	20.8081	-0.2418	0.0000	0.0000	0.0000	0.7658
1029	903	2.7137SLL+1.3CF	-16.0036	-0.0310	-0.1799	0.0055	0.6637	-0.1554
1029	903	2.7137SLL+1.3CF	6.7356	0.0164	-0.1808	0.0043	0.9818	0.0836
1029	876	2.7137SLL+1.3CF	-6.7356	-0.0164	0.1808	-0.0043	0.8047	0.0250
1029	876	2.7137SLL+1.3CF	16.0036	0.0310	0.1799	-0.0055	0.8530	-0.0894
1030	904	2.7137SLL+1.3CF	-6.7402	-0.0096	0.0170	-0.0008	-0.0500	-0.0362
1030	904	2.7137SLL+1.3CF	25.9585	0.0021	-1.0053	0.0207	3.8348	0.0867
1030	875	2.7137SLL+1.3CF	-25.9585	-0.0021	1.0053	-0.0207	3.4671	-0.0515
1030	875	2.7137SLL+1.3CF	6.7402	0.0096	-0.0170	0.0008	-0.0735	-0.0337
1031	903	2.7137SLL+1.3CF	-10.1068	0.1620	0.0000	0.0000	0.0000	0.4332
1031	903	2.7137SLL+1.3CF	3.7448	0.0198	0.0000	0.0000	0.0000	0.0562
1031	875	2.7137SLL+1.3CF	-3.7448	-0.0198	0.0000	0.0000	0.0000	0.0478
1031	875	2.7137SLL+1.3CF	10.1068	-0.1620	0.0000	0.0000	0.0000	0.5745
1032	904	2.7137SLL+1.3CF	-24.4188	0.2220	0.0000	0.0000	0.0000	0.4027
1032	904	2.7137SLL+1.3CF	49.7364	0.1186	0.0000	0.0000	0.0000	0.7310
1032	876	2.7137SLL+1.3CF	-49.7364	-0.1186	0.0000	0.0000	0.0000	-0.1187
1032	876	2.7137SLL+1.3CF	24.4188	-0.2220	0.0000	0.0000	0.0000	0.7628

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1045	915	2.7137SLL+1.3CF	-13.0839	0.0370	0.1368	-0.0968	-0.8972	0.1579
1045	915	2.7137SLL+1.3CF	12.3300	-0.0459	-0.5665	0.0130	1.1578	-0.2503
1045	666	2.7137SLL+1.3CF	-12.3300	0.0459	0.5665	-0.0130	2.8717	-0.0629
1046	666	2.7137SLL+1.3CF	13.0839	-0.0370	-0.1368	0.0968	-0.0940	0.1107
1046	916	2.7137SLL+1.3CF	-9.7803	-0.0666	-0.8349	0.0177	1.9546	-0.1831
1046	916	2.7137SLL+1.3CF	11.8705	0.0325	-0.4374	0.0140	1.0625	0.0197
1046	667	2.7137SLL+1.3CF	-11.8705	-0.0325	0.4374	-0.0140	3.0646	0.2169
1046	667	2.7137SLL+1.3CF	9.7803	0.0666	0.8349	-0.0177	2.6568	-0.3052
1047	915	2.7137SLL+1.3CF	-9.8122	-0.1729	0.0000	0.0000	0.0000	-0.6884
1047	915	2.7137SLL+1.3CF	8.8636	0.0803	0.0000	0.0000	0.0000	0.3343
1047	667	2.7137SLL+1.3CF	-8.8636	-0.0803	0.0000	0.0000	0.0000	0.0872
1047	667	2.7137SLL+1.3CF	9.8122	0.1729	0.0000	0.0000	0.0000	-0.2092
1048	916	2.7137SLL+1.3CF	-21.2562	0.0611	0.0000	0.0000	0.0000	-0.1643
1048	916	2.7137SLL+1.3CF	33.8799	0.0479	0.0000	0.0000	0.0000	0.4907
1048	666	2.7137SLL+1.3CF	-33.8799	-0.0479	0.0000	0.0000	0.0000	-0.2391
1048	666	2.7137SLL+1.3CF	21.2562	-0.0611	0.0000	0.0000	0.0000	0.4649
1061	927	2.7137SLL+1.3CF	-4.6392	0.0264	0.0895	-0.0014	-0.3053	0.1248
1061	927	2.7137SLL+1.3CF	32.0442	-0.1585	-0.4183	0.0090	1.1711	-0.6513
1061	700	2.7137SLL+1.3CF	-32.0442	0.1585	0.4183	-0.0090	1.8529	-0.5001
1061	700	2.7137SLL+1.3CF	4.6392	-0.0264	-0.0895	0.0014	-0.3444	0.0668
1062	928	2.7137SLL+1.3CF	-8.3858	0.0020	-0.8892	0.0247	2.9062	0.1367
1062	928	2.7137SLL+1.3CF	8.7657	0.1090	0.1054	-0.0036	-0.3066	0.3627
1062	899	2.7137SLL+1.3CF	-8.7657	-0.1090	-0.1054	0.0036	-0.4587	0.4292
1062	899	2.7137SLL+1.3CF	8.3858	-0.0020	0.8892	-0.0247	3.6251	-0.1244
1063	927	2.7137SLL+1.3CF	-1.5061	-0.0028	0.0000	0.0000	0.0000	0.0928
1063	927	2.7137SLL+1.3CF	11.8594	0.8034	0.0000	0.0000	0.0000	2.2846
1063	899	2.7137SLL+1.3CF	-11.8594	-0.8034	0.0000	0.0000	0.0000	1.9330
1063	899	2.7137SLL+1.3CF	1.5061	0.0029	0.0000	0.0000	0.0000	-0.1080
1064	928	2.7137SLL+1.3CF	-23.2700	-0.0853	0.0000	0.0000	0.0000	-0.1818
1064	928	2.7137SLL+1.3CF	13.8417	-0.2115	0.0000	0.0000	0.0000	-0.6924
1064	700	2.7137SLL+1.3CF	-13.8379	0.2052	0.0000	0.0000	0.0000	-0.4088
1064	700	2.7137SLL+1.3CF	23.2700	0.0853	0.0000	0.0000	0.0000	-0.2959
1077	939	2.7137SLL+1.3CF	-14.8226	0.0428	-0.1746	0.0077	1.0392	0.1844
1077	939	2.7137SLL+1.3CF	14.1736	-0.0498	-0.2629	0.0060	1.2587	-0.2642

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1077	712	2.7137SLL+1.3CF	-14.1736	0.0498	0.2629	-0.0060	0.4606	-0.0678
1077	712	2.7137SLL+1.3CF	14.8226	-0.0428	0.1746	-0.0077	0.2308	0.1152
1078	940	2.7137SLL+1.3CF	-14.0471	-0.0506	0.0210	-0.0006	0.1952	-0.1674
1078	940	2.7137SLL+1.3CF	13.3833	0.0352	0.3841	-0.0138	-0.8998	0.0314
1078	711	2.7137SLL+1.3CF	-13.3833	-0.0352	-0.3841	0.0138	-1.9035	0.2245
1078	711	2.7137SLL+1.3CF	14.0471	0.0506	-0.0210	0.0006	-0.3478	-0.2005
1079	939	2.7137SLL+1.3CF	-12.9824	-0.2458	0.0000	0.0000	0.0000	-0.8915
1079	939	2.7137SLL+1.3CF	22.8560	0.7120	0.0000	0.0000	0.0000	2.1108
1079	711	2.7137SLL+1.3CF	-22.8560	-0.7120	0.0000	0.0000	0.0000	1.6272
1079	711	2.7137SLL+1.3CF	12.9824	0.2458	0.0000	0.0000	0.0000	-0.3984
1080	940	2.7137SLL+1.3CF	-36.1862	0.1433	0.0000	0.0000	0.0000	0.0238
1080	940	2.7137SLL+1.3CF	37.7679	0.0499	0.0000	0.0000	0.0000	0.3012
1080	712	2.7137SLL+1.3CF	-37.7679	-0.0499	0.0000	0.0000	0.0000	-0.2362
1080	712	2.7137SLL+1.3CF	36.1862	-0.1433	0.0000	0.0000	0.0000	0.7284
1093	951	2.7137SLL+1.3CF	-18.8112	0.0597	-0.1254	0.0060	0.7457	0.2799
1093	951	2.7137SLL+1.3CF	8.8684	-0.0309	-0.1656	0.0065	0.8613	-0.1829
1093	724	2.7137SLL+1.3CF	-8.8684	0.0309	0.1656	-0.0065	0.2514	-0.0817
1093	724	2.7137SLL+1.3CF	18.8112	-0.0597	0.1254	-0.0060	0.1803	0.1546
1094	952	2.7137SLL+1.3CF	-8.2339	-0.0360	0.1503	-0.0068	-0.2729	-0.1518
1094	952	2.7137SLL+1.3CF	18.8436	0.0481	0.2084	-0.0084	-0.4511	0.0556
1094	723	2.7137SLL+1.3CF	-18.8436	-0.0481	-0.2084	0.0084	-1.0628	0.2836
1094	723	2.7137SLL+1.3CF	8.2339	0.0360	-0.1503	0.0068	-0.6158	-0.1334
1095	951	2.7137SLL+1.3CF	-20.4670	-0.4672	0.0000	0.0000	0.0000	-1.5745
1095	951	2.7137SLL+1.3CF	19.7153	0.4333	0.0000	0.0000	0.0000	1.3809
1095	723	2.7137SLL+1.3CF	-19.7153	-0.4333	0.0000	0.0000	0.0000	0.8936
1095	723	2.7137SLL+1.3CF	20.4670	0.4672	0.0000	0.0000	0.0000	-0.9831
1096	952	2.7137SLL+1.3CF	-21.1808	0.0727	0.0000	0.0000	0.0000	-0.1643
1096	952	2.7137SLL+1.3CF	47.6439	0.0998	0.0000	0.0000	0.0000	0.6275
1096	724	2.7137SLL+1.3CF	-47.6439	-0.0998	0.0000	0.0000	0.0000	-0.3026
1096	724	2.7137SLL+1.3CF	21.1808	-0.0727	0.0000	0.0000	0.0000	0.5459
1109	963	2.7137SLL+1.3CF	-19.0642	-0.0299	0.0003	0.0018	0.0351	-0.1484
1109	963	2.7137SLL+1.3CF	8.5695	0.0209	-0.1148	0.0036	0.4362	0.1388
1109	736	2.7137SLL+1.3CF	-8.5695	-0.0209	0.1148	-0.0036	0.3979	0.0119
1109	736	2.7137SLL+1.3CF	19.0642	0.0299	-0.0003	-0.0018	-0.0371	-0.0874

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1110	864	2.7137SLL+1.3CF	-5.3030	0.0068	-0.0096	0.0007	0.0102	-0.0367
1110	864	2.7137SLL+1.3CF	26.5962	0.0052	-0.2706	0.0030	1.0917	0.1015
1110	735	2.7137SLL+1.3CF	-26.5962	-0.0052	0.2706	-0.0030	0.8737	-0.0634
1110	735	2.7137SLL+1.3CF	5.3030	-0.0068	0.0096	-0.0007	0.0599	0.0859
1111	863	2.7137SLL+1.3CF	-11.8691	0.1522	0.0000	0.0000	0.0000	0.1886
1111	863	2.7137SLL+1.3CF	7.8135	0.1183	0.0000	0.0000	0.0000	0.4826
1111	735	2.7137SLL+1.3CF	-7.8135	-0.1183	0.0000	0.0000	0.0000	0.1403
1111	735	2.7137SLL+1.3CF	11.8691	-0.1522	0.0000	0.0000	0.0000	0.6103
1112	864	2.7137SLL+1.3CF	-29.5811	0.1786	0.0000	0.0000	0.0000	0.3416
1112	864	2.7137SLL+1.3CF	49.6297	0.1630	0.0000	0.0000	0.0000	0.8284
1112	736	2.7137SLL+1.3CF	-49.6297	-0.1630	0.0000	0.0000	0.0000	-0.0706
1112	736	2.7137SLL+1.3CF	29.5811	-0.1786	0.0000	0.0000	0.0000	0.6961
1125	875	2.7137SLL+1.3CF	-14.8818	-0.0278	-0.0517	0.0025	0.1819	-0.1328
1125	875	2.7137SLL+1.3CF	9.0825	0.0120	-0.1248	0.0045	0.4710	0.0891
1125	748	2.7137SLL+1.3CF	-9.0825	-0.0120	0.1248	-0.0045	0.4354	-0.0021
1125	748	2.7137SLL+1.3CF	14.8818	0.0278	0.0517	-0.0025	0.1635	-0.0888
1126	876	2.7137SLL+1.3CF	-4.7404	-0.0016	0.0091	-0.0014	0.0150	-0.0117
1126	876	2.7137SLL+1.3CF	21.9782	-0.0007	-0.5853	0.0096	2.3650	0.0522
1126	747	2.7137SLL+1.3CF	-21.9782	0.0007	0.5853	-0.0096	1.9581	-0.0571
1126	747	2.7137SLL+1.3CF	4.7404	0.0016	-0.0091	0.0014	-0.0518	0.0004
1127	875	2.7137SLL+1.3CF	-5.9007	-0.1442	0.0000	0.0000	0.0000	-0.2591
1127	875	2.7137SLL+1.3CF	3.2622	0.0424	0.0000	0.0000	0.0000	0.1800
1127	747	2.7137SLL+1.3CF	-3.2622	-0.0424	0.0000	0.0000	0.0000	0.0428
1127	747	2.7137SLL+1.3CF	5.9007	0.1442	0.0000	0.0000	0.0000	-0.4980
1128	876	2.7137SLL+1.3CF	-17.6691	0.0823	0.0000	0.0000	0.0000	-0.0308
1128	876	2.7137SLL+1.3CF	40.2736	0.1225	0.0000	0.0000	0.0000	0.7041
1128	748	2.7137SLL+1.3CF	-40.2736	-0.1225	0.0000	0.0000	0.0000	-0.0811
1128	748	2.7137SLL+1.3CF	17.6691	-0.0823	0.0000	0.0000	0.0000	0.4828
1141	867	2.7137SLL+1.3CF	-4.5321	0.0194	0.4408	-0.0137	-1.6009	0.0468
1141	867	2.7137SLL+1.3CF	10.7009	-0.0600	0.1131	0.0023	-0.3511	-0.2179
1141	760	2.7137SLL+1.3CF	-10.7009	0.0600	-0.1131	-0.0023	-0.4726	-0.2175
1141	760	2.7137SLL+1.3CF	4.5321	-0.0194	-0.4408	0.0137	-1.8211	0.0841
1142	868	2.7137SLL+1.3CF	-7.2807	-0.0568	0.6858	-0.0145	-2.5246	-0.1672
1142	868	2.7137SLL+1.3CF	16.5962	0.1121	-0.8279	0.0147	3.2668	0.3415

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1142	759	2.7137SLL+1.3CF	-16.5962	-0.1121	0.8279	-0.0147	2.7467	0.4728
1142	759	2.7137SLL+1.3CF	7.2807	0.0568	-0.6858	0.0145	-2.3116	-0.2462
1143	867	2.7137SLL+1.3CF	-2.8821	-0.0631	0.0000	0.0000	0.0000	-0.1910
1143	867	2.7137SLL+1.3CF	8.8055	-0.1197	0.0000	0.0000	0.0000	-0.2739
1143	759	2.7137SLL+1.3CF	-8.8055	0.1197	0.0000	0.0000	0.0000	-0.3548
1143	759	2.7137SLL+1.3CF	2.8821	0.0631	0.0000	0.0000	0.0000	-0.1404
1144	868	2.7137SLL+1.3CF	-5.1010	0.0346	0.0000	0.0000	0.0000	0.0662
1144	868	2.7137SLL+1.3CF	2.4263	-0.0390	0.0000	0.0000	0.0000	-0.0989
1144	760	2.7137SLL+1.3CF	-2.4263	0.0390	0.0000	0.0000	0.0000	-0.1060
1144	760	2.7137SLL+1.3CF	5.1010	-0.0346	0.0000	0.0000	0.0000	0.0843
1146	880	2.7137SLL+1.3CF	-9.5064	0.0174	-0.5378	0.0189	1.9622	0.0017
1146	880	2.7137SLL+1.3CF	33.8763	0.1822	0.4638	-0.0178	-1.7313	1.2528
1146	763	2.7137SLL+1.3CF	-33.8763	-0.1822	-0.4638	0.0178	-1.8375	0.1432
1146	763	2.7137SLL+1.3CF	9.5064	-0.0174	0.5378	-0.0189	1.9428	0.1247
1147	991	2.7137SLL+1.3CF	-8.9334	-0.0534	-0.6298	0.0253	2.1638	-0.1523
1147	991	2.7137SLL+1.3CF	22.8234	0.1521	0.6797	-0.0188	-2.5445	0.4401
1147	763	2.7137SLL+1.3CF	-22.8234	-0.1521	-0.6797	0.0188	-2.3829	0.6650
1147	763	2.7137SLL+1.3CF	8.9334	0.0534	0.6298	-0.0253	2.4105	-0.2354
1148	880	2.7137SLL+1.3CF	-3.6385	0.0301	0.0000	0.0000	0.0000	0.2396
1148	880	2.7137SLL+1.3CF	0.3760	-0.0003	0.0000	0.0000	0.0000	-0.0375
1148	763	2.7137SLL+1.3CF	-0.3760	0.0003	0.0000	0.0000	0.0000	0.0359
1148	763	2.7137SLL+1.3CF	3.6385	-0.0301	0.0000	0.0000	0.0000	-0.0715
1148	991	2.7137SLL+1.3CF	-12.8305	-0.0106	0.0000	0.0000	0.0000	-0.1364
1148	991	2.7137SLL+1.3CF	5.1221	-0.0284	0.0000	0.0000	0.0000	-0.0809
1148	763	2.7137SLL+1.3CF	-5.1221	0.0284	0.0000	0.0000	0.0000	-0.0983
1148	763	2.7137SLL+1.3CF	12.8305	0.0106	0.0000	0.0000	0.0000	0.0807
1162	1002	2.7137SLL+1.3CF	-13.5467	-0.0262	0.0170	-0.0038	-0.1151	-0.0831
1162	1002	2.7137SLL+1.3CF	22.8610	0.2143	0.3008	-0.0105	-1.1159	1.1332
1162	775	2.7137SLL+1.3CF	-22.8610	-0.2143	-0.3008	0.0105	-1.0673	0.4233
1162	775	2.7137SLL+1.3CF	13.5467	0.0262	-0.0170	0.0038	-0.0087	-0.1074
1163	1003	2.7137SLL+1.3CF	-15.6256	-0.0261	0.2469	-0.0047	-0.9709	0.0866
1163	1003	2.7137SLL+1.3CF	15.3301	0.0076	0.2055	-0.0027	-0.8537	0.0405
1163	774	2.7137SLL+1.3CF	-15.3301	-0.0076	-0.2055	0.0027	-0.6366	0.0148
1163	774	2.7137SLL+1.3CF	15.6256	0.0261	-0.2469	0.0047	-0.8228	-0.2863

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1164	1002	2.7137SLL+1.3CF	-7.3060	-0.1105	0.0000	0.0000	0.0000	-0.3772
1164	1002	2.7137SLL+1.3CF	3.5634	0.0211	0.0000	0.0000	0.0000	0.1576
1164	774	2.7137SLL+1.3CF	-3.5634	-0.0211	0.0000	0.0000	0.0000	-0.0467
1164	774	2.7137SLL+1.3CF	7.3065	0.1105	0.0000	0.0000	0.0000	-0.2027
1165	1003	2.7137SLL+1.3CF	-4.7094	0.1160	0.0000	0.0000	0.0000	0.3948
1165	1003	2.7137SLL+1.3CF	19.1191	-0.1643	0.0000	0.0000	0.0000	-0.0268
1165	775	2.7137SLL+1.3CF	-19.1191	0.1643	0.0000	0.0000	0.0000	-0.8357
1165	775	2.7137SLL+1.3CF	4.7094	-0.1160	0.0000	0.0000	0.0000	0.3244
1178	1014	2.7137SLL+1.3CF	-19.1968	-0.0264	0.0532	-0.0042	-0.2741	-0.0704
1178	1014	2.7137SLL+1.3CF	26.0183	0.2603	0.0575	-0.0041	-0.2053	1.3441
1178	787	2.7137SLL+1.3CF	-26.0183	-0.2603	-0.0575	0.0041	-0.2124	0.5469
1178	787	2.7137SLL+1.3CF	19.1968	0.0264	-0.0532	0.0042	-0.1120	-0.1356
1179	1015	2.7137SLL+1.3CF	-20.3189	-0.0718	0.1695	-0.0005	-0.7177	-0.0064
1179	1015	2.7137SLL+1.3CF	18.5845	0.0050	0.1545	-0.0010	-0.8358	0.0496
1179	786	2.7137SLL+1.3CF	-18.5845	-0.0050	-0.1545	0.0010	-0.4885	-0.0130
1179	786	2.7137SLL+1.3CF	20.3189	0.0718	-0.1695	0.0005	-0.5134	-0.5158
1180	1014	2.7137SLL+1.3CF	-11.4010	-0.1990	0.0000	0.0000	0.0000	-0.7195
1180	1014	2.7137SLL+1.3CF	9.5159	0.0737	0.0000	0.0000	0.0000	0.3213
1180	786	2.7137SLL+1.3CF	-9.5159	-0.0737	0.0000	0.0000	0.0000	0.0855
1180	786	2.7137SLL+1.3CF	11.4010	0.1990	0.0000	0.0000	0.0000	-0.3293
1181	1015	2.7137SLL+1.3CF	-12.6342	-0.1957	0.0000	0.0000	0.0000	-0.7404
1181	1015	2.7137SLL+1.3CF	25.8826	-0.1267	0.0000	0.0000	0.0000	0.1667
1181	787	2.7137SLL+1.3CF	-25.8826	0.1267	0.0000	0.0000	0.0000	-0.8318
1181	787	2.7137SLL+1.3CF	12.6342	0.1957	0.0000	0.0000	0.0000	-0.3868
1194	1026	2.7137SLL+1.3CF	-16.5672	0.1550	0.3370	-0.0151	-1.9837	0.6483
1194	1038	2.7137SLL+1.3CF	27.0818	0.8447	0.1523	-0.0103	-0.9837	4.1744
1194	799	2.7137SLL+1.3CF	-27.0818	-0.8447	-0.1523	0.0103	-0.1226	1.9607
1194	799	2.7137SLL+1.3CF	16.5672	-0.1550	-0.3370	0.0151	-0.4640	0.2777
1195	1027	2.7137SLL+1.3CF	-17.4732	-0.1863	-0.3695	0.0105	0.9418	-0.6855
1195	1027	2.7137SLL+1.3CF	19.5027	0.0797	-0.3846	0.0124	0.9699	0.1812
1195	798	2.7137SLL+1.3CF	-19.5027	-0.0797	0.3846	-0.0124	1.8247	0.3674
1195	798	2.7137SLL+1.3CF	17.4732	0.1863	0.3695	-0.0105	1.7418	-0.6573
1196	1028	2.7137SLL+1.3CF	-7.5952	-0.9394	0.0000	0.0000	0.0000	-2.8887
1196	1028	2.7137SLL+1.3CF	18.3032	1.0591	0.0000	0.0000	0.0000	3.5818

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1196	798	2.7137SLL+1.3CF	-18.3032	-1.0591	0.0000	0.0000	0.0000	1.9778
1196	798	2.7137SLL+1.3CF	7.5952	0.9394	0.0000	0.0000	0.0000	-1.9324
1197	1027	2.7137SLL+1.3CF	-17.6738	-0.2310	0.0000	0.0000	0.0000	-0.9971
1197	1027	2.7137SLL+1.3CF	23.5508	-0.5508	0.0000	0.0000	0.0000	-1.2957
1197	799	2.7137SLL+1.3CF	-23.5508	0.5508	0.0000	0.0000	0.0000	-1.6045
1197	799	2.7137SLL+1.3CF	17.6735	0.2310	0.0000	0.0000	0.0000	-0.2157
1210	1036	2.7137SLL+1.3CF	-13.7545	0.0875	0.1680	-0.0079	-1.2209	0.4675
1210	1036	2.7137SLL+1.3CF	26.4671	0.6828	0.5784	-0.0058	-2.8825	3.3646
1210	811	2.7137SLL+1.3CF	-26.4671	-0.6828	-0.5784	0.0058	-1.3384	1.6674
1210	811	2.7137SLL+1.3CF	13.7545	-0.0875	-0.1680	0.0079	0.0039	0.1683
1211	1036	2.7137SLL+1.3CF	-17.3040	-0.1807	-0.1588	-0.0004	0.9400	-0.7444
1211	1036	2.7137SLL+1.3CF	13.9652	0.0349	-0.6751	0.0206	2.0068	0.0521
1211	810	2.7137SLL+1.3CF	-13.9652	-0.0349	0.6751	-0.0206	2.8884	0.2015
1211	810	2.7137SLL+1.3CF	17.3040	0.1807	0.1588	0.0004	0.5135	-0.5678
1212	1038	2.7137SLL+1.3CF	-4.2818	-0.5328	0.0000	0.0000	0.0000	-1.1256
1212	1038	2.7137SLL+1.3CF	20.1261	1.4675	0.0000	0.0000	0.0000	4.9304
1213	810	2.7137SLL+1.3CF	-20.1261	-1.4675	0.0000	0.0000	0.0000	2.9304
1212	810	2.7137SLL+1.3CF	4.2818	0.3328	0.0000	0.0000	0.0000	-0.6206
1213	1039	2.7137SLL+1.3CF	-21.7244	-0.3564	0.0000	0.0000	0.0000	-1.4286
1213	1039	2.7137SLL+1.3CF	18.8948	-0.8703	0.0000	0.0000	0.0000	-2.7506
1213	811	2.7137SLL+1.3CF	-18.8948	0.8703	0.0000	0.0000	0.0000	-1.8179
1213	811	2.7137SLL+1.3CF	21.7244	0.3564	0.0000	0.0000	0.0000	-0.4425
1228	1050	2.7137SLL+1.3CF	-3.9855	0.0380	-0.0636	0.0013	0.1918	0.2005
1228	1050	2.7137SLL+1.3CF	46.7368	0.7090	0.6781	-0.0131	-1.9627	3.6163
1228	823	2.7137SLL+1.3CF	-46.7368	-0.7090	-0.6781	0.0131	-2.9330	1.5335
1228	823	2.7137SLL+1.3CF	3.9855	-0.0380	0.0636	-0.0013	0.2704	0.0755
1227	1051	2.7137SLL+1.3CF	-11.4328	-0.0439	0.9905	-0.0256	-2.1990	-0.0868
1227	1051	2.7137SLL+1.3CF	12.5900	0.1017	-0.1189	0.0050	0.3040	0.2572
1227	822	2.7137SLL+1.3CF	-12.5900	-0.1017	0.1189	-0.0050	0.4632	0.4817
1227	822	2.7137SLL+1.3CF	11.4328	0.0439	-0.9905	0.0256	-2.8171	-0.2306
1228	1050	2.7137SLL+1.3CF	-1.7784	-0.0607	0.0000	0.0000	0.0000	0.0482
1228	1050	2.7137SLL+1.3CF	10.5731	1.7002	0.0000	0.0000	0.0000	5.3047
1228	822	2.7137SLL+1.3CF	-10.5731	-1.7002	0.0000	0.0000	0.0000	3.8200
1228	822	2.7137SLL+1.3CF	1.7784	0.0607	0.0000	0.0000	0.0000	-0.3671

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1229	1051	2.7137SLL+1.3CF	-26.2640	-0.8220	0.0000	0.0000	0.0000	-2.5693
1229	1051	2.7137SLL+1.3CF	6.1314	0.0603	0.0000	0.0000	0.0000	0.2180
1229	823	2.7137SLL+1.3CF	-6.1314	-0.0603	0.0000	0.0000	0.0000	0.0972
1229	823	2.7137SLL+1.3CF	26.2648	0.8220	0.0000	0.0000	0.0000	-1.7468
1242	1062	2.7137SLL+1.3CF	-11.8758	0.0614	-0.0477	0.0046	0.7449	0.3267
1242	1062	2.7137SLL+1.3CF	27.1086	0.6587	0.2593	0.0112	0.3220	3.2399
1242	835	2.7137SLL+1.3CF	-27.1086	-0.6587	-0.2593	-0.0112	-2.2057	1.5444
1242	835	2.7137SLL+1.3CF	11.8758	-0.0614	0.0477	-0.0046	-0.3668	0.1174
1243	1063	2.7137SLL+1.3CF	-18.0566	-0.1300	1.8211	-0.0527	-4.9106	-0.4540
1243	1063	2.7137SLL+1.3CF	11.8368	0.0210	0.5343	-0.0184	-1.8230	0.0004
1243	834	2.7137SLL+1.3CF	-11.8368	-0.0210	-0.5343	0.0184	-2.2578	0.1522
1243	834	2.7137SLL+1.3CF	18.0566	0.1300	-1.8211	0.0527	4.8641	-0.4889
1244	1062	2.7137SLL+1.3CF	-3.5377	0.3792	0.0000	0.0000	0.0000	0.9068
1244	1062	2.7137SLL+1.3CF	6.8820	0.1231	0.0000	0.0000	0.0000	0.5919
1244	834	2.7137SLL+1.3CF	-6.8820	-0.1231	0.0000	0.0000	0.0000	0.0544
1244	834	2.7137SLL+1.3CF	3.5377	-0.3792	0.0000	0.0000	0.0000	1.0839
1245	1063	2.7137SLL+1.3CF	-8.8746	0.0186	0.0000	0.0000	0.0000	-0.0548
1245	1063	2.7137SLL+1.3CF	17.0547	-0.7103	0.0000	0.0000	0.0000	-2.0833
1245	835	2.7137SLL+1.3CF	-17.0547	0.7103	0.0000	0.0000	0.0000	-1.6801
1245	835	2.7137SLL+1.3CF	8.8746	-0.0186	0.0000	0.0000	0.0000	0.1526
1258	1074	2.7137SLL+1.3CF	-18.9966	-0.0236	-0.0614	-0.0005	0.2261	-0.0553
1258	1074	2.7137SLL+1.3CF	30.1362	0.3425	0.7325	-0.0223	-2.6129	1.7855
1258	847	2.7137SLL+1.3CF	-30.1362	-0.3425	-0.7325	0.0223	-2.7078	0.7223
1258	847	2.7137SLL+1.3CF	18.9966	0.0236	0.0614	0.0005	0.2201	-0.1181
1259	1075	2.7137SLL+1.3CF	-22.8312	-0.0883	0.5228	-0.0218	-1.7592	-0.0427
1259	1075	2.7137SLL+1.3CF	17.8210	-0.0081	0.1186	-0.0010	-0.5348	0.0007
1259	848	2.7137SLL+1.3CF	-17.8210	0.0081	-0.1186	0.0010	-0.3124	-0.0586
1259	848	2.7137SLL+1.3CF	22.8312	0.0883	-0.5228	0.0218	-2.0367	-0.5988
1260	1074	2.7137SLL+1.3CF	-8.4059	-0.1074	0.0000	0.0000	0.0000	-0.6148
1260	1074	2.7137SLL+1.3CF	4.5630	0.0639	0.0000	0.0000	0.0000	0.2378
1260	848	2.7137SLL+1.3CF	-4.5630	-0.0639	0.0000	0.0000	0.0000	0.0978
1260	848	2.7137SLL+1.3CF	8.4059	0.1074	0.0000	0.0000	0.0000	-0.1490
1261	1075	2.7137SLL+1.3CF	-6.3946	0.0909	0.0000	0.0000	0.0000	0.1977
1261	1075	2.7137SLL+1.3CF	25.2523	-0.1504	0.0000	0.0000	0.0000	0.1338

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1261	847	2.7137SLL+1.3CF	-25.2523	0.1504	0.0000	0.0000	0.0000	-0.9228
1261	847	2.7137SLL+1.3CF	6.3946	-0.0909	0.0000	0.0000	0.0000	0.2794
1274	1086	2.7137SLL+1.3CF	-19.9887	-0.0386	0.0736	-0.0044	-0.3006	-0.0764
1274	1086	2.7137SLL+1.3CF	27.4968	0.2248	0.5450	-0.0167	-1.9685	1.2103
1274	859	2.7137SLL+1.3CF	-27.4968	-0.2248	-0.5450	0.0167	-1.8901	0.4223
1274	859	2.7137SLL+1.3CF	19.9887	0.0386	-0.0736	0.0044	-0.2343	-0.2036
1275	1087	2.7137SLL+1.3CF	-17.0078	-0.0106	0.1785	-0.0078	-0.8117	0.2060
1275	1087	2.7137SLL+1.3CF	24.5035	0.0223	0.2853	-0.0058	-1.1278	0.1577
1275	858	2.7137SLL+1.3CF	-24.5035	-0.0223	-0.2853	0.0058	-0.9448	0.0044
1275	858	2.7137SLL+1.3CF	17.0078	0.0106	-0.1785	0.0078	-0.6851	-0.2618
1276	1086	2.7137SLL+1.3CF	-15.3183	-0.2193	0.0000	0.0000	0.0000	-0.6886
1276	1086	2.7137SLL+1.3CF	3.8723	0.0375	0.0000	0.0000	0.0000	0.0508
1276	858	2.7137SLL+1.3CF	-3.8723	-0.0375	0.0000	0.0000	0.0000	0.1408
1276	858	2.7137SLL+1.3CF	15.3183	0.2193	0.0000	0.0000	0.0000	-0.2627
1277	1087	2.7137SLL+1.3CF	-3.4911	0.0904	0.0000	0.0000	0.0000	0.2797
1277	1087	2.7137SLL+1.3CF	31.4184	0.0985	0.0000	0.0000	0.0000	0.9046
1277	859	2.7137SLL+1.3CF	-31.4184	-0.0985	0.0000	0.0000	0.0000	-0.4075
1277	859	2.7137SLL+1.3CF	3.4911	-0.0904	0.0000	0.0000	0.0000	0.1947
1290	1088	2.7137SLL+1.3CF	-17.1446	-0.0317	-0.0336	0.0008	0.0454	-0.0418
1290	1088	2.7137SLL+1.3CF	26.4778	0.2209	0.0560	-0.0014	-0.2734	1.1911
1290	871	2.7137SLL+1.3CF	-26.4778	-0.2209	-0.0560	0.0014	-0.1334	0.4134
1290	871	2.7137SLL+1.3CF	17.1446	0.0317	0.0335	-0.0008	0.1961	-0.1887
1291	1089	2.7137SLL+1.3CF	-15.5265	-0.0064	0.1052	-0.0010	-0.3665	0.2302
1291	1089	2.7137SLL+1.3CF	22.6289	0.0233	0.0667	0.0009	-0.1984	0.1857
1291	870	2.7137SLL+1.3CF	-22.6289	-0.0233	-0.0667	-0.0009	-0.2858	0.0033
1291	870	2.7137SLL+1.3CF	15.5265	0.0064	-0.1052	0.0010	-0.3954	-0.2665
1292	1089	2.7137SLL+1.3CF	-16.6872	-0.3212	0.0000	0.0000	0.0000	-1.2365
1292	1088	2.7137SLL+1.3CF	3.2524	0.0161	0.0000	0.0000	0.0000	-0.0459
1292	870	2.7137SLL+1.3CF	-3.2524	-0.0161	0.0000	0.0000	0.0000	0.1304
1292	870	2.7137SLL+1.3CF	16.6872	0.3212	0.0000	0.0000	0.0000	-0.4494
1293	1089	2.7137SLL+1.3CF	-2.2822	0.0837	0.0000	0.0000	0.0000	0.2580
1293	1088	2.7137SLL+1.3CF	31.0668	-0.0037	0.0000	0.0000	0.0000	0.6194
1293	871	2.7137SLL+1.3CF	-31.0668	0.0037	0.0000	0.0000	0.0000	-0.6367
1293	871	2.7137SLL+1.3CF	2.2822	-0.0837	0.0000	0.0000	0.0000	0.1811

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1303	1107	2.7137SLL+1.3CF	-17.5077	-0.0323	0.0580	-0.0010	-0.1212	-0.0423
1303	1107	2.7137SLL+1.3CF	26.8140	0.2337	-0.1582	0.0054	0.8341	1.2587
1303	880	2.7137SLL+1.3CF	-26.8140	-0.2337	0.1582	-0.0054	0.5228	0.4374
1303	880	2.7137SLL+1.3CF	17.5077	0.0322	-0.0580	0.0010	-0.3001	-0.1914
1304	1108	2.7137SLL+1.3CF	-16.2723	-0.0066	-0.0653	0.0011	0.1917	0.2373
1304	1108	2.7137SLL+1.3CF	22.4254	0.0202	-0.0205	-0.0018	0.0323	0.1530
1304	879	2.7137SLL+1.3CF	-22.4254	-0.0202	0.0205	0.0018	0.1188	-0.0060
1304	879	2.7137SLL+1.3CF	16.2723	0.0066	0.0653	-0.0011	0.2828	-0.2852
1305	1107	2.7137SLL+1.3CF	-16.5977	-0.3075	0.0000	0.0000	0.0000	-1.2033
1305	1107	2.7137SLL+1.3CF	3.4803	-0.0068	0.0000	0.0000	0.0000	-0.1212
1305	879	2.7137SLL+1.3CF	-3.4803	0.0068	0.0000	0.0000	0.0000	0.1170
1305	879	2.7137SLL+1.3CF	16.5977	0.3075	0.0000	0.0000	0.0000	-0.4107
1306	1108	2.7137SLL+1.3CF	-2.2751	0.0840	0.0000	0.0000	0.0000	0.2811
1306	1108	2.7137SLL+1.3CF	31.8328	-0.0146	0.0000	0.0000	0.0000	0.6122
1306	880	2.7137SLL+1.3CF	-31.8328	0.0146	0.0000	0.0000	0.0000	-0.6900
1306	880	2.7137SLL+1.3CF	2.2751	-0.0840	0.0000	0.0000	0.0000	0.1800
1319	1119	2.7137SLL+1.3CF	-19.6419	-0.0401	-0.0797	0.0045	0.3202	-0.0851
1319	1119	2.7137SLL+1.3CF	27.8258	0.2339	-0.5157	0.0157	1.8738	1.2528
1319	882	2.7137SLL+1.3CF	-27.8258	-0.2339	0.5157	-0.0157	1.8749	0.4462
1319	882	2.7137SLL+1.3CF	19.6419	0.0401	0.0797	-0.0045	0.2565	-0.2081
1320	1120	2.7137SLL+1.3CF	-17.4517	-0.0065	-0.2818	0.0088	0.9462	0.2299
1320	1120	2.7137SLL+1.3CF	24.5296	0.0224	-0.3177	0.0071	1.2435	0.1814
1320	881	2.7137SLL+1.3CF	-24.5296	-0.0224	0.3177	-0.0071	1.0640	0.0018
1320	881	2.7137SLL+1.3CF	17.4517	0.0065	0.2818	-0.0088	0.9554	-0.2736
1321	1119	2.7137SLL+1.3CF	-15.2620	-0.2218	0.0000	0.0000	0.0000	-0.8041
1321	1119	2.7137SLL+1.3CF	4.2570	0.0048	0.0000	0.0000	0.0000	-0.0539
1321	881	2.7137SLL+1.3CF	-4.2570	-0.0048	0.0000	0.0000	0.0000	0.0779
1321	881	2.7137SLL+1.3CF	15.2620	0.2218	0.0000	0.0000	0.0000	-0.2801
1322	1120	2.7137SLL+1.3CF	-3.3188	0.0700	0.0000	0.0000	0.0000	0.2029
1322	1120	2.7137SLL+1.3CF	32.0712	-0.0008	0.0000	0.0000	0.0000	0.6390
1322	882	2.7137SLL+1.3CF	-32.0712	0.0008	0.0000	0.0000	0.0000	-0.6433
1322	882	2.7137SLL+1.3CF	3.3188	-0.0700	0.0000	0.0000	0.0000	0.1644
1335	1131	2.7137SLL+1.3CF	-19.8258	-0.0246	0.0888	0.0010	-0.2981	-0.0569
1335	1131	2.7137SLL+1.3CF	30.1053	0.3426	-0.7483	0.0239	2.8801	1.7660

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1335	904	2.7137SLL+1.3CF	-30.1053	-0.3426	0.7483	-0.0239	2.7553	0.7227
1335	904	2.7137SLL+1.3CF	19.8258	0.0246	-0.0888	-0.0010	-0.3449	-0.1218
1336	1132	2.7137SLL+1.3CF	-22.6003	-0.0816	-0.5466	0.0231	1.6336	-0.0121
1336	1132	2.7137SLL+1.3CF	17.6090	-0.0059	-0.0654	-0.0008	0.3456	0.0109
1336	903	2.7137SLL+1.3CF	-17.6090	0.0059	0.0654	0.0008	0.1291	-0.0537
1336	903	2.7137SLL+1.3CF	22.6003	0.0816	0.5465	-0.0231	2.1359	-0.5808
1337	1131	2.7137SLL+1.3CF	-8.4632	-0.0911	0.0000	0.0000	0.0000	-0.3408
1337	1131	2.7137SLL+1.3CF	5.1808	0.0246	0.0000	0.0000	0.0000	0.0537
1337	903	2.7137SLL+1.3CF	-5.1808	-0.0246	0.0000	0.0000	0.0000	0.0756
1337	903	2.7137SLL+1.3CF	8.4632	0.0911	0.0000	0.0000	0.0000	-0.1373
1338	1132	2.7137SLL+1.3CF	-6.3787	0.0626	0.0000	0.0000	0.0000	0.2036
1338	1132	2.7137SLL+1.3CF	27.1263	-0.2247	0.0000	0.0000	0.0000	-0.0748
1338	904	2.7137SLL+1.3CF	-27.1263	0.2247	0.0000	0.0000	0.0000	-1.1047
1338	904	2.7137SLL+1.3CF	6.3787	-0.0626	0.0000	0.0000	0.0000	0.2625
1351	1143	2.7137SLL+1.3CF	-11.6417	0.0568	0.0424	-0.0047	-0.7532	0.3083
1351	1143	2.7137SLL+1.3CF	28.2019	0.6159	-0.1009	-0.0101	-1.1136	4.0366
1351	916	2.7137SLL+1.3CF	-28.2019	-0.6159	0.1009	0.0101	1.8485	1.9862
1351	916	2.7137SLL+1.3CF	11.6417	-0.0568	-0.0424	0.0047	0.4453	0.1042
1352	1144	2.7137SLL+1.3CF	-17.8018	-0.1286	-1.7141	0.0542	5.3471	-0.4498
1352	1144	2.7137SLL+1.3CF	11.7184	0.0214	-0.5833	0.0176	1.7220	0.0011
1352	915	2.7137SLL+1.3CF	-11.7184	-0.0214	0.5833	-0.0176	2.3698	0.1541
1352	915	2.7137SLL+1.3CF	17.8018	0.1286	1.7141	-0.0542	7.1033	-0.4844
1353	1143	2.7137SLL+1.3CF	-3.1019	0.3273	0.0000	0.0000	0.0000	0.7305
1353	1143	2.7137SLL+1.3CF	6.7169	0.1607	0.0000	0.0000	0.0000	0.6746
1353	915	2.7137SLL+1.3CF	-6.7169	-0.1607	0.0000	0.0000	0.0000	0.1692
1353	915	2.7137SLL+1.3CF	3.1019	-0.3273	0.0000	0.0000	0.0000	0.9675
1354	1144	2.7137SLL+1.3CF	-8.9447	0.0147	0.0000	0.0000	0.0000	-0.0668
1354	1144	2.7137SLL+1.3CF	16.7664	-0.6808	0.0000	0.0000	0.0000	-1.9318
1354	916	2.7137SLL+1.3CF	-16.7664	0.6808	0.0000	0.0000	0.0000	-1.6838
1354	916	2.7137SLL+1.3CF	8.9447	-0.0147	0.0000	0.0000	0.0000	0.1460
1367	1155	2.7137SLL+1.3CF	-3.9522	0.0378	0.0745	-0.0016	-0.2398	0.1999
1367	1155	2.7137SLL+1.3CF	48.1361	0.6423	-0.7837	0.0119	2.5265	3.2727
1367	928	2.7137SLL+1.3CF	-48.1361	-0.6423	0.7837	-0.0119	3.1639	1.3839
1367	928	2.7137SLL+1.3CF	3.9522	-0.0378	-0.0745	0.0016	-0.3023	0.0744

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1368	1156	2.7137SLL+1.3CF	-11.3504	-0.0438	-0.7823	0.0000	2.5016	-0.1009
1368	1156	2.7137SLL+1.3CF	12.4948	0.1029	0.2097	-0.0071	-0.6898	0.2562
1368	827	2.7137SLL+1.3CF	-12.4948	-0.1029	-0.2097	0.0071	-0.6329	0.4890
1368	827	2.7137SLL+1.3CF	11.3504	0.0438	0.7823	-0.0300	3.1808	-0.2173
1369	1155	2.7137SLL+1.3CF	-1.8509	-0.0563	0.0000	0.0000	0.0000	0.0684
1369	1155	2.7137SLL+1.3CF	10.6818	1.6781	0.0000	0.0000	0.0000	5.2402
1369	827	2.7137SLL+1.3CF	-10.6818	-1.6781	0.0000	0.0000	0.0000	3.5667
1369	827	2.7137SLL+1.3CF	1.8509	0.0563	0.0000	0.0000	0.0000	-0.3637
1370	1156	2.7137SLL+1.3CF	-25.8052	-0.8070	0.0000	0.0000	0.0000	-2.5760
1370	1156	2.7137SLL+1.3CF	8.0182	0.0535	0.0000	0.0000	0.0000	0.2106
1370	828	2.7137SLL+1.3CF	-8.0182	-0.0535	0.0000	0.0000	0.0000	0.0868
1370	828	2.7137SLL+1.3CF	25.8052	0.8070	0.0000	0.0000	0.0000	-1.8584
1383	1167	2.7137SLL+1.3CF	-13.7060	0.0838	-0.1665	0.0078	1.2198	0.4520
1383	1167	2.7137SLL+1.3CF	27.0661	0.7946	-0.4136	0.0096	2.0103	5.6857
1383	940	2.7137SLL+1.3CF	-27.0661	-0.7946	0.4136	-0.0096	0.3839	1.8855
1383	940	2.7137SLL+1.3CF	13.7060	-0.0838	0.1665	-0.0078	-0.0095	0.1568
1384	1166	2.7137SLL+1.3CF	-17.3082	-0.1936	0.1483	-0.0001	-0.3628	-0.8096
1384	1166	2.7137SLL+1.3CF	13.5526	0.0311	0.6818	-0.0198	-1.9318	0.0365
1384	839	2.7137SLL+1.3CF	-13.5526	-0.0311	-0.6818	0.0198	-2.8025	0.1890
1384	839	2.7137SLL+1.3CF	17.3082	0.1936	-0.1483	0.0001	-0.7147	-0.5964
1385	1167	2.7137SLL+1.3CF	-4.2266	-0.2342	0.0000	0.0000	0.0000	-0.8335
1385	1167	2.7137SLL+1.3CF	20.3312	1.3171	0.0000	0.0000	0.0000	4.9642
1385	839	2.7137SLL+1.3CF	-20.3312	-1.3171	0.0000	0.0000	0.0000	2.8798
1385	839	2.7137SLL+1.3CF	4.2266	0.2342	0.0000	0.0000	0.0000	-0.3962
1386	1168	2.7137SLL+1.3CF	-21.5892	-0.3452	0.0000	0.0000	0.0000	-1.3911
1386	1168	2.7137SLL+1.3CF	19.5726	-0.8700	0.0000	0.0000	0.0000	-2.7274
1386	840	2.7137SLL+1.3CF	-19.5726	0.8700	0.0000	0.0000	0.0000	-1.8387
1386	840	2.7137SLL+1.3CF	21.5892	0.3452	0.0000	0.0000	0.0000	-0.4208
1399	1179	2.7137SLL+1.3CF	-18.6794	0.1542	-0.3246	0.0143	1.8989	0.8443
1399	1179	2.7137SLL+1.3CF	27.4958	0.8862	-0.1730	0.0115	1.0628	4.3954
1399	952	2.7137SLL+1.3CF	-27.4958	-0.8862	0.1730	-0.0115	0.1741	2.0560
1399	952	2.7137SLL+1.3CF	18.6794	-0.1542	0.3246	-0.0143	0.4579	0.2755
1400	1180	2.7137SLL+1.3CF	-17.5072	-0.1773	0.3684	-0.0108	-0.8479	-0.6469
1400	1180	2.7137SLL+1.3CF	18.5471	0.0787	0.4002	-0.0130	-1.0152	0.1931

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1400	951	2.7137SLL+1.3CF	-18.5471	-0.0787	-0.4002	0.0130	-1.8914	0.3798
1400	951	2.7137SLL+1.3CF	17.5072	0.1773	-0.3684	0.0108	-1.7004	-0.8391
1401	1179	2.7137SLL+1.3CF	-9.6411	-0.9802	0.0000	0.0000	0.0000	-2.8114
1401	1179	2.7137SLL+1.3CF	18.6159	1.0739	0.0000	0.0000	0.0000	3.6373
1401	951	2.7137SLL+1.3CF	-18.6159	-1.0739	0.0000	0.0000	0.0000	2.0002
1401	951	2.7137SLL+1.3CF	9.6411	0.9802	0.0000	0.0000	0.0000	-1.8083
1402	1180	2.7137SLL+1.3CF	-17.9821	-0.2312	0.0000	0.0000	0.0000	-1.0031
1402	1180	2.7137SLL+1.3CF	25.5215	-0.7122	0.0000	0.0000	0.0000	-2.0405
1402	952	2.7137SLL+1.3CF	-25.5215	0.7122	0.0000	0.0000	0.0000	-1.8978
1402	952	2.7137SLL+1.3CF	17.9821	0.2312	0.0000	0.0000	0.0000	-0.2105
1415	1181	2.7137SLL+1.3CF	-19.8448	-0.0309	-0.0454	0.0041	0.2434	-0.0804
1415	1181	2.7137SLL+1.3CF	27.9305	0.2818	-0.0684	0.0040	0.2702	1.4523
1415	964	2.7137SLL+1.3CF	-27.9305	-0.2818	0.0684	-0.0040	0.2298	0.5847
1415	964	2.7137SLL+1.3CF	19.8448	0.0309	0.0454	-0.0041	0.0861	-0.1438
1416	1182	2.7137SLL+1.3CF	-21.3686	-0.0693	-0.1722	0.0010	0.7160	0.0066
1416	1182	2.7137SLL+1.3CF	19.4005	0.0038	-0.1716	0.0011	0.7117	0.0439
1416	963	2.7137SLL+1.3CF	-19.4005	-0.0038	0.1716	-0.0011	0.5346	-0.0179
1416	963	2.7137SLL+1.3CF	21.3686	0.0693	0.1722	-0.0010	0.5351	-0.0117
1417	1191	2.7137SLL+1.3CF	-11.5074	-0.2005	0.0000	0.0000	0.0000	-0.7194
1417	1191	2.7137SLL+1.3CF	9.5210	0.0782	0.0000	0.0000	0.0000	0.3347
1417	963	2.7137SLL+1.3CF	-9.5210	-0.0782	0.0000	0.0000	0.0000	0.0758
1417	963	2.7137SLL+1.3CF	11.5074	0.2005	0.0000	0.0000	0.0000	-0.3331
1418	1192	2.7137SLL+1.3CF	-12.5079	-0.1830	0.0000	0.0000	0.0000	-0.7315
1418	1192	2.7137SLL+1.3CF	27.0485	-0.2565	0.0000	0.0000	0.0000	-0.2213
1418	964	2.7137SLL+1.3CF	-27.0485	0.2565	0.0000	0.0000	0.0000	-1.1354
1418	964	2.7137SLL+1.3CF	12.5079	0.1830	0.0000	0.0000	0.0000	-0.2814
1431	1203	2.7137SLL+1.3CF	-15.0458	-0.0327	-0.0195	0.0031	0.1033	-0.1048
1431	1203	2.7137SLL+1.3CF	25.4259	0.2239	-0.2913	0.0103	1.0894	1.1787
1431	976	2.7137SLL+1.3CF	-25.4259	-0.2239	0.2913	-0.0103	1.0168	0.4478
1431	976	2.7137SLL+1.3CF	15.0458	0.0327	0.0195	-0.0031	0.0360	-0.1330
1432	1204	2.7137SLL+1.3CF	-16.0429	-0.0179	-0.2332	0.0044	0.9001	0.1208
1432	1204	2.7137SLL+1.3CF	18.3176	0.0020	-0.2546	0.0042	1.0297	0.0159
1432	975	2.7137SLL+1.3CF	-18.3176	-0.0020	0.2546	-0.0042	0.8094	-0.0015
1432	975	2.7137SLL+1.3CF	16.0429	0.0179	0.2332	-0.0044	0.7937	-0.3496

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1433	1203	2.7137SLL+1.3CF	-7.2969	-0.1399	0.0000	0.0000	0.0000	-0.4975
1433	1203	2.7137SLL+1.3CF	3.8391	0.0331	0.0000	0.0000	0.0000	0.1874
1433	975	2.7137SLL+1.3CF	-3.8391	-0.0331	0.0000	0.0000	0.0000	-0.0139
1433	975	2.7137SLL+1.3CF	7.2969	0.1399	0.0000	0.0000	0.0000	-0.2368
1434	1204	2.7137SLL+1.3CF	-5.7904	0.1208	0.0000	0.0000	0.0000	0.3198
1434	1204	2.7137SLL+1.3CF	21.5960	-0.1819	0.0000	0.0000	0.0000	-0.0309
1434	976	2.7137SLL+1.3CF	-21.5960	0.1819	0.0000	0.0000	0.0000	-0.8238
1434	976	2.7137SLL+1.3CF	5.7904	-0.1208	0.0000	0.0000	0.0000	0.3133
1447	1218	2.7137SLL+1.3CF	-9.7394	0.2190	0.5308	-0.0181	-1.8237	0.0097
1447	1218	2.7137SLL+1.3CF	20.4960	-0.0333	-0.4530	0.0171	1.8822	0.0071
1447	988	2.7137SLL+1.3CF	-20.4960	0.0333	0.4530	-0.0171	1.5879	-0.2493
1447	988	2.7137SLL+1.3CF	9.7394	-0.0190	-0.5308	0.0181	-1.8329	0.1278
1448	1219	2.7137SLL+1.3CF	-8.2420	-0.0607	0.4820	-0.0205	-1.8332	-0.1813
1448	1219	2.7137SLL+1.3CF	18.1830	0.0905	-0.6421	0.0184	2.4254	0.2923
1448	987	2.7137SLL+1.3CF	-18.1830	-0.0905	0.6421	-0.0184	2.2364	0.4230
1448	987	2.7137SLL+1.3CF	8.2420	0.0607	-0.4820	0.0205	-1.8675	-0.2594
1449	1215	2.7137SLL+1.3CF	-2.9499	0.0970	0.0000	0.0000	0.0000	0.3557
1449	1215	2.7137SLL+1.3CF	0.6024	-0.0399	0.0000	0.0000	0.0000	-0.2375
1449	987	2.7137SLL+1.3CF	-0.5945	0.0488	0.0000	0.0000	0.0000	-0.0065
1449	987	2.7137SLL+1.3CF	2.6499	-0.0970	0.0000	0.0000	0.0000	0.1537
1450	1216	2.7137SLL+1.3CF	-9.6795	0.0005	0.0000	0.0000	0.0000	-0.0575
1450	1216	2.7137SLL+1.3CF	4.9691	-0.0120	0.0000	0.0000	0.0000	-0.0067
1450	988	2.7137SLL+1.3CF	-4.9691	0.0120	0.0000	0.0000	0.0000	-0.0563
1450	988	2.7137SLL+1.3CF	9.6795	-0.0005	0.0000	0.0000	0.0000	0.0802

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²) Result Cases

2.7137SLL+1.3CF

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
3	0	2.7137SLL+1.3CF	-0.2352	-0.0800	-0.0618	-0.3804	-0.4086	0.0000	0.0000	-0.4086
3	0	2.7137SLL+1.3CF	0.1586	-0.1947	0.3750	0.5117	-0.0580	0.0000	0.0000	0.5117

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
3	1	2.7137SLL+1.3CF	-0.2352	-0.4394	-0.3310	-0.0310	-0.1394	0.0000	0.0000	-0.4394
3	1	2.7137SLL+1.3CF	0.1586	0.0289	0.3656	0.2691	-0.0346	0.0000	0.0000	0.3656
4	0	2.7137SLL+1.3CF	-0.9583	-1.5590	-1.1507	-0.3579	-0.7660	0.0000	0.0000	-1.5590
4	0	2.7137SLL+1.3CF	0.8475	2.1082	1.8813	-0.4131	-0.1583	0.0000	0.0000	2.1082
4	1	2.7137SLL+1.3CF	-0.9583	-0.6779	-0.1180	-1.2367	-1.7979	0.0000	0.0000	-1.7979
4	1	2.7137SLL+1.3CF	0.8475	-0.3134	-0.0531	3.0064	2.6482	0.0000	0.0000	2.6482
6	0	2.7137SLL+1.3CF	-1.2865	-0.9556	-0.2403	-1.5814	-2.2967	0.0000	0.0000	-2.2967
6	0	2.7137SLL+1.3CF	0.7246	0.5467	0.1331	0.9025	1.3160	0.0000	0.0000	1.3160
6	1	2.7137SLL+1.3CF	-1.2865	-1.8183	-1.6873	-0.7207	-0.8697	0.0000	0.0000	-1.8873
6	1	2.7137SLL+1.3CF	0.7246	1.0801	1.0270	0.3591	0.4222	0.0000	0.0000	1.0801
7	0	2.7137SLL+1.3CF	-1.3706	-2.5555	-2.1021	-0.1856	-0.6390	0.0000	0.0000	-2.5555
7	0	2.7137SLL+1.3CF	2.3724	4.5855	3.8287	0.1594	1.1162	0.0000	0.0000	4.5855
7	1	2.7137SLL+1.3CF	-1.3706	-0.2618	-0.2079	-2.4793	-2.5332	0.0000	0.0000	-2.5332
7	1	2.7137SLL+1.3CF	2.3724	0.8555	-0.0112	3.8694	4.7591	0.0000	0.0000	4.7591
8	0	2.7137SLL+1.3CF	-1.3729	-1.2429	-1.0419	-1.5028	-1.7039	0.0000	0.0000	-1.7039
8	0	2.7137SLL+1.3CF	0.7927	0.7036	0.5843	0.8617	1.0210	0.0000	0.0000	1.0210
8	1	2.7137SLL+1.3CF	-1.3729	-2.0115	-1.4799	-0.7342	-1.2673	0.0000	0.0000	-2.0115
8	1	2.7137SLL+1.3CF	0.7927	1.1238	0.9236	0.4615	0.6617	0.0000	0.0000	1.1238
10	0	2.7137SLL+1.3CF	-2.1300	-3.6158	-3.7746	-0.6444	-0.4653	0.0000	0.0000	-3.7746
10	0	2.7137SLL+1.3CF	3.3086	6.2023	6.0096	0.4748	0.6873	0.0000	0.0000	6.2023
10	1	2.7137SLL+1.3CF	-2.1300	0.1565	-1.3469	-4.4165	-3.0100	0.0000	0.0000	-4.4165
10	1	2.7137SLL+1.3CF	3.3086	-0.1450	1.1970	6.8222	5.4802	0.0000	0.0000	6.8222
12	0	2.7137SLL+1.3CF	-1.8579	-1.8298	-1.4874	-1.8870	-2.2484	0.0000	0.0000	-2.2484
12	0	2.7137SLL+1.3CF	1.1590	1.0867	0.9020	1.2813	1.4160	0.0000	0.0000	1.4160
12	1	2.7137SLL+1.3CF	-1.8579	-2.3078	-2.0315	-1.4080	-1.6843	0.0000	0.0000	-2.3078
12	1	2.7137SLL+1.3CF	1.1590	1.8680	0.8486	0.4930	1.3681	0.0000	0.0000	1.8680
13	0	2.7137SLL+1.3CF	-2.7417	-2.9231	-4.3513	-2.5813	-1.1523	0.0000	0.0000	-4.3513
13	0	2.7137SLL+1.3CF	4.5799	5.5135	6.8018	3.6404	2.3021	0.0000	0.0000	6.8018
13	1	2.7137SLL+1.3CF	-2.7417	-0.5781	-4.3300	-4.9073	-1.1538	0.0000	0.0000	-4.9073
13	1	2.7137SLL+1.3CF	4.5799	1.4112	6.1498	7.7427	3.0041	0.0000	0.0000	7.7427
15	0	2.7137SLL+1.3CF	-2.2028	-1.6189	-2.4055	-2.7863	-1.6897	0.0000	0.0000	-2.7863
15	0	2.7137SLL+1.3CF	1.3608	1.2896	1.2265	1.4622	1.5354	0.0000	0.0000	1.5354
15	1	2.7137SLL+1.3CF	-2.2028	-2.7828	-2.2377	-1.6224	-2.1875	0.0000	0.0000	-2.7828
15	1	2.7137SLL+1.3CF	1.3608	1.7509	1.4001	1.0109	1.3918	0.0000	0.0000	1.7509

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
16	0	2.7137SLL+1.3CF	-3.7271	-2.0052	-5.3547	-5.4489	-2.0894	0.0000	0.0000	-5.4489
16	0	2.7137SLL+1.3CF	6.1444	4.1251	6.4977	6.1638	3.7912	0.0000	0.0000	6.4977
16	1	2.7137SLL+1.3CF	-3.7271	-2.5500	-3.6801	-4.9041	-3.7940	0.0000	0.0000	-4.9041
16	1	2.7137SLL+1.3CF	6.1444	4.6741	5.3930	7.4148	6.8958	0.0000	0.0000	7.4148
18	0	2.7137SLL+1.3CF	-2.5348	-2.6706	-2.1204	-2.3980	-2.9492	0.0000	0.0000	-2.9492
18	0	2.7137SLL+1.3CF	1.8286	1.7545	1.2985	1.5026	1.9707	0.0000	0.0000	1.9707
18	1	2.7137SLL+1.3CF	-2.5348	-3.0068	-2.6072	-2.0627	-2.4623	0.0000	0.0000	-3.0068
18	1	2.7137SLL+1.3CF	1.8286	2.0179	1.6308	1.2393	1.6266	0.0000	0.0000	2.0179
19	0	2.7137SLL+1.3CF	-4.1891	-4.6542	-5.7912	-3.7240	-2.8170	0.0000	0.0000	-5.7912
19	0	2.7137SLL+1.3CF	6.6836	7.9818	8.3600	5.4255	5.0273	0.0000	0.0000	8.3600
19	1	2.7137SLL+1.3CF	-4.1891	-2.7528	-3.4283	-5.6254	-4.9500	0.0000	0.0000	-5.6254
19	1	2.7137SLL+1.3CF	6.6836	5.4196	5.0407	7.9677	8.3465	0.0000	0.0000	8.3465
21	0	2.7137SLL+1.3CF	-2.7367	-2.8747	-2.4736	-2.5867	-2.8895	0.0000	0.0000	-2.8895
21	0	2.7137SLL+1.3CF	1.8193	1.9462	1.5147	1.8884	2.1239	0.0000	0.0000	2.1239
21	1	2.7137SLL+1.3CF	-2.7367	-2.1418	-2.7902	-2.3918	-2.6932	0.0000	0.0000	-3.1418
21	1	2.7137SLL+1.3CF	1.8193	2.1379	1.8943	1.5007	1.7443	0.0000	0.0000	2.1379
22	0	2.7137SLL+1.3CF	-4.7544	-5.3455	-6.0194	-4.1633	-3.4894	0.0000	0.0000	-6.0194
22	0	2.7137SLL+1.3CF	7.3512	8.5054	8.1340	6.1670	6.5684	0.0000	0.0000	8.5054
22	1	2.7137SLL+1.3CF	-4.7544	-2.5274	-4.8362	-6.9814	-4.6725	0.0000	0.0000	-6.9814
23	1	2.7137SLL+1.3CF	7.3512	5.1655	7.2222	9.5369	7.4602	0.0000	0.0000	9.5369
24	0	2.7137SLL+1.3CF	-3.1582	-3.4348	-2.9862	-2.6634	-3.3321	0.0000	0.0000	-3.4349
24	0	2.7137SLL+1.3CF	2.2470	2.2734	2.1242	2.2208	2.3698	0.0000	0.0000	2.3698
24	1	2.7137SLL+1.3CF	-3.1582	-3.5525	-2.9700	-2.7859	-3.3483	0.0000	0.0000	-3.5525
24	1	2.7137SLL+1.3CF	2.2470	2.8627	1.8277	1.5013	2.6863	0.0000	0.0000	2.8627
25	0	2.7137SLL+1.3CF	-5.4178	-4.8532	-7.3968	-5.6818	-3.4393	0.0000	0.0000	-7.3968
25	0	2.7137SLL+1.3CF	7.9485	7.4490	9.5042	8.2481	5.1929	0.0000	0.0000	9.5042
25	1	2.7137SLL+1.3CF	-5.4178	-1.5331	-6.1367	-6.3021	-2.7085	0.0000	0.0000	-6.3021
25	1	2.7137SLL+1.3CF	7.9485	3.3053	11.3100	12.3818	4.3871	0.0000	0.0000	12.3818
27	0	2.7137SLL+1.3CF	-4.7724	-5.2031	-5.4530	-4.3418	-4.0919	0.0000	0.0000	-5.4530
27	0	2.7137SLL+1.3CF	3.3535	3.8790	3.3949	2.7279	3.3121	0.0000	0.0000	3.8790
27	1	2.7137SLL+1.3CF	-4.7724	-2.0954	-5.7071	-7.4485	-3.8375	0.0000	0.0000	-7.4485
27	1	2.7137SLL+1.3CF	3.3535	2.9895	2.6787	3.7175	4.0263	0.0000	0.0000	4.0263
28	0	2.7137SLL+1.3CF	-6.2823	-3.5138	-9.8227	-9.0508	-2.7418	0.0000	0.0000	-9.8227
28	0	2.7137SLL+1.3CF	9.1384	5.6294	13.2725	12.8474	5.0043	0.0000	0.0000	13.2725

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
28	1	2.7137SLL+1.3CF	-6.2823	-4.0358	-6.5473	-8.5257	-6.0173	0.0000	0.0000	-8.5257
28	1	2.7137SLL+1.3CF	9.1384	8.9051	9.1649	11.3718	8.0819	0.0000	0.0000	11.3718
30	0	2.7137SLL+1.3CF	-7.9082	-8.6748	-11.2918	-6.9420	-4.5247	0.0000	0.0000	-11.2918
30	0	2.7137SLL+1.3CF	5.6853	5.6742	7.7132	5.6585	3.6175	0.0000	0.0000	7.7132
30	1	2.7137SLL+1.3CF	-7.9082	-9.3841	-2.4229	-6.4324	-13.3936	0.0000	0.0000	-13.3936
30	1	2.7137SLL+1.3CF	5.6853	6.9593	3.0048	4.3714	8.3259	0.0000	0.0000	8.3259
31	0	2.7137SLL+1.3CF	-6.6296	-6.5029	-9.0069	-7.1562	-4.6502	0.0000	0.0000	-9.0069
31	0	2.7137SLL+1.3CF	9.6790	9.2980	11.5647	10.0541	7.7874	0.0000	0.0000	11.5647
31	1	2.7137SLL+1.3CF	-6.6296	-5.1345	-6.7103	-8.5348	-6.9489	0.0000	0.0000	-8.5348
31	1	2.7137SLL+1.3CF	9.6790	8.5569	9.5654	10.7952	9.7967	0.0000	0.0000	10.7952
33	0	2.7137SLL+1.3CF	-8.1317	-14.4937	-7.1310	-1.7697	-8.1329	0.0000	0.0000	-14.4937
33	0	2.7137SLL+1.3CF	8.0814	8.1278	5.1787	3.9752	8.8241	0.0000	0.0000	8.1278
33	1	2.7137SLL+1.3CF	-8.1317	-12.5645	1.1330	-3.6790	-17.3965	0.0000	0.0000	-17.3965
33	1	2.7137SLL+1.3CF	8.0814	8.0224	3.5782	4.0804	8.5246	0.0000	0.0000	8.5246
34	0	2.7137SLL+1.3CF	-7.4219	-6.9794	-6.5757	-7.8644	-6.2681	0.0000	0.0000	-6.5757
34	0	2.7137SLL+1.3CF	9.7078	8.8433	8.9715	10.5724	9.4461	0.0000	0.0000	10.5724
34	1	2.7137SLL+1.3CF	-7.4219	-4.9027	-8.6351	-9.9411	-8.2087	0.0000	0.0000	-9.9411
34	1	2.7137SLL+1.3CF	9.7078	7.8620	11.6238	11.5536	7.7918	0.0000	0.0000	11.6238
36	0	2.7137SLL+1.3CF	-7.8996	-14.2376	-7.4686	-1.5816	-8.3293	0.0000	0.0000	-14.2376
36	0	2.7137SLL+1.3CF	6.4154	7.5195	5.9564	5.3112	6.6723	0.0000	0.0000	7.5195
36	1	2.7137SLL+1.3CF	-7.8996	3.2662	-13.6000	-19.0854	-2.1992	0.0000	0.0000	-19.0854
36	1	2.7137SLL+1.3CF	6.4154	6.5501	6.0445	6.2606	6.7962	0.0000	0.0000	6.7962
37	0	2.7137SLL+1.3CF	-7.7066	-6.2181	-9.9915	-9.2036	-5.4691	0.0000	0.0000	-9.9915
37	0	2.7137SLL+1.3CF	9.6202	7.4257	11.2013	11.8146	8.0391	0.0000	0.0000	11.8146
37	1	2.7137SLL+1.3CF	-7.7066	-2.5668	-11.5822	-12.8030	-3.8375	0.0000	0.0000	-12.8030
37	1	2.7137SLL+1.3CF	9.6202	4.3463	14.4473	14.8842	4.7932	0.0000	0.0000	14.8842
39	0	2.7137SLL+1.3CF	-7.7500	-2.2663	-20.0990	-13.2307	4.5990	0.0000	0.0000	-20.0990
39	0	2.7137SLL+1.3CF	6.5665	7.4828	6.8067	5.7042	6.3903	0.0000	0.0000	7.4828
39	1	2.7137SLL+1.3CF	-7.7500	-11.2696	2.4813	-4.2304	-17.9813	0.0000	0.0000	-17.9813
39	1	2.7137SLL+1.3CF	6.5665	6.6677	5.3109	6.3094	7.6862	0.0000	0.0000	7.6862
40	0	2.7137SLL+1.3CF	-7.8263	-3.3536	-12.4808	-12.3028	-3.1958	0.0000	0.0000	-12.4808
40	0	2.7137SLL+1.3CF	8.9652	8.8215	13.6642	14.3690	4.1062	0.0000	0.0000	14.3690
40	1	2.7137SLL+1.3CF	-7.8263	-5.8026	-9.4803	-8.8540	-6.1763	0.0000	0.0000	-8.8540
40	1	2.7137SLL+1.3CF	8.9652	8.9187	11.9701	11.0718	8.0209	0.0000	0.0000	11.9701

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
42	0	2.7137SLL+1.3CF	-7.1242	-17.5929	-5.8040	3.3450	-8.4439	0.0000	0.0000	-17.5929
42	0	2.7137SLL+1.3CF	8.6056	8.4236	6.3084	4.7877	6.9049	0.0000	0.0000	8.4236
42	1	2.7137SLL+1.3CF	-7.1242	-10.3604	5.1309	-3.8875	-18.3788	0.0000	0.0000	-18.3788
42	1	2.7137SLL+1.3CF	8.6056	5.3018	3.8703	4.9094	9.5409	0.0000	0.0000	9.5409
43	0	2.7137SLL+1.3CF	-7.6238	-9.5965	-9.1386	-9.6506	-6.1078	0.0000	0.0000	-9.6506
43	0	2.7137SLL+1.3CF	8.4180	4.6439	9.5272	12.1921	7.3089	0.0000	0.0000	12.1921
43	1	2.7137SLL+1.3CF	-7.6238	-6.8803	-6.3472	-6.3670	-6.8001	0.0000	0.0000	-6.3670
43	1	2.7137SLL+1.3CF	8.4180	8.1240	11.0841	8.7120	5.7419	0.0000	0.0000	11.0841
45	0	2.7137SLL+1.3CF	-6.4869	-17.0081	-7.4932	4.0323	-0.4605	0.0000	0.0000	-17.0081
45	0	2.7137SLL+1.3CF	6.6204	9.4677	6.1815	3.7530	7.0592	0.0000	0.0000	9.4677
45	1	2.7137SLL+1.3CF	-6.4869	-6.8942	5.5798	-6.0796	-18.5525	0.0000	0.0000	-18.5525
45	1	2.7137SLL+1.3CF	6.6204	7.4039	3.5834	5.8368	9.6473	0.0000	0.0000	9.6473
46	0	2.7137SLL+1.3CF	-7.5615	-6.5232	-6.0909	-6.5997	-7.0321	0.0000	0.0000	-6.5997
46	0	2.7137SLL+1.3CF	7.5954	4.2393	7.1889	10.8615	7.8939	0.0000	0.0000	10.8615
46	1	2.7137SLL+1.3CF	-7.5615	-6.3291	-8.8072	-8.7939	-6.2139	0.0000	0.0000	-8.8072
46	1	2.7137SLL+1.3CF	7.5954	7.9868	11.3938	7.5039	3.7970	0.0000	0.0000	11.3938
46	0	2.7137SLL+1.3CF	-5.3964	-14.4529	-9.4434	3.6581	-1.3494	0.0000	0.0000	-14.4529
48	0	2.7137SLL+1.3CF	6.5105	9.1427	7.1659	3.6783	5.8551	0.0000	0.0000	9.1427
48	1	2.7137SLL+1.3CF	-5.3964	11.4068	-9.1067	-22.1998	-1.8861	0.0000	0.0000	-22.1998
48	1	2.7137SLL+1.3CF	6.5105	2.0091	7.8379	11.0119	5.1832	0.0000	0.0000	11.0119
49	0	2.7137SLL+1.3CF	-7.4887	-8.2895	-8.8871	-8.9899	-0.9923	0.0000	0.0000	-8.8871
49	0	2.7137SLL+1.3CF	8.8886	3.8296	7.5720	9.9035	8.1611	0.0000	0.0000	9.9035
49	1	2.7137SLL+1.3CF	-7.4887	-3.2494	-9.9402	-11.7300	-6.0362	0.0000	0.0000	-11.7300
49	1	2.7137SLL+1.3CF	8.8886	3.1618	10.3637	10.5712	3.3694	0.0000	0.0000	10.5712
51	0	2.7137SLL+1.3CF	-4.5436	-1.0374	-22.5630	-6.0497	13.4759	0.0000	0.0000	-22.5630
51	0	2.7137SLL+1.3CF	6.4867	8.0051	11.3782	6.9662	1.5851	0.0000	0.0000	11.3782
51	1	2.7137SLL+1.3CF	-4.5436	-3.4088	8.9534	-5.8802	-16.0406	0.0000	0.0000	-16.0406
51	1	2.7137SLL+1.3CF	6.4867	6.0759	2.6034	6.8974	10.3709	0.0000	0.0000	10.3709
52	0	2.7137SLL+1.3CF	-7.2666	-4.3371	-11.3961	-10.2025	-3.1445	0.0000	0.0000	-11.3961
52	0	2.7137SLL+1.3CF	5.1686	1.0035	8.7681	8.3341	1.5494	0.0000	0.0000	8.3341
52	1	2.7137SLL+1.3CF	-7.2666	-6.0037	-7.8677	-6.8358	-6.8718	0.0000	0.0000	-6.8358
52	1	2.7137SLL+1.3CF	5.1686	4.0824	9.1095	8.3451	1.2260	0.0000	0.0000	9.1095
54	0	2.7137SLL+1.3CF	-3.3455	-13.2275	-2.7939	8.7368	-3.7072	0.0000	0.0000	-13.2275
54	0	2.7137SLL+1.3CF	7.1245	8.1670	4.7745	0.9820	9.4745	0.0000	0.0000	9.4745

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
54	1	2.7137SLL+1.3CF	-3.2455	-5.7852	8.9071	-0.6979	-15.3962	0.0000	0.0000	-15.3962
54	1	2.7137SLL+1.3CF	7.1245	9.0354	6.3702	5.2138	7.8788	0.0000	0.0000	9.0354
55	0	2.7137SLL+1.3CF	-7.8830	-8.8301	-8.9629	-8.9858	-6.6231	0.0000	0.0000	-8.9629
55	0	2.7137SLL+1.3CF	4.2207	-0.5305	4.2811	8.9719	4.1803	0.0000	0.0000	8.9719
55	1	2.7137SLL+1.3CF	-7.8830	-7.1961	-8.8858	-8.5869	-8.8204	0.0000	0.0000	-8.8204
55	1	2.7137SLL+1.3CF	4.2207	4.8412	8.5023	3.6602	-0.0609	0.0000	0.0000	8.5023
57	0	2.7137SLL+1.3CF	-2.5633	-12.5679	1.1451	7.4414	-6.2719	0.0000	0.0000	-12.5679
57	0	2.7137SLL+1.3CF	7.8786	10.0035	6.1826	5.7496	9.5708	0.0000	0.0000	10.0035
57	1	2.7137SLL+1.3CF	-2.5633	-6.6582	6.9756	5.5317	-12.1024	0.0000	0.0000	-12.1024
57	1	2.7137SLL+1.3CF	7.8786	9.4265	5.4133	8.3057	10.3369	0.0000	0.0000	10.3369
58	0	2.7137SLL+1.3CF	-6.5230	-9.9475	-8.6662	-7.0865	-6.3798	0.0000	0.0000	-9.9475
58	0	2.7137SLL+1.3CF	3.2617	0.5232	4.0397	8.0002	2.4837	0.0000	0.0000	8.0002
58	1	2.7137SLL+1.3CF	-6.5230	-7.5442	-8.0291	-8.5018	-8.0169	0.0000	0.0000	-8.5018
59	1	2.7137SLL+1.3CF	3.2617	2.6148	8.3254	3.9089	0.1970	0.0000	0.0000	8.3254
60	0	2.7137SLL+1.3CF	-2.5829	-2.2411	-1.4886	-2.8646	-3.6561	0.0000	0.0000	-3.6561
60	0	2.7137SLL+1.3CF	9.4499	12.2748	11.1972	8.8250	7.7125	0.0000	0.0000	12.2748
60	1	2.7137SLL+1.3CF	-2.5829	-3.8072	-2.1207	-1.3186	-3.0051	0.0000	0.0000	-3.8072
60	1	2.7137SLL+1.3CF	9.4499	7.2597	5.9670	11.6401	13.3327	0.0000	0.0000	13.3327
61	0	2.7137SLL+1.3CF	-9.0929	-9.8898	-10.4301	-8.3160	-7.7557	0.0000	0.0000	-10.4301
61	0	2.7137SLL+1.3CF	3.3701	2.1008	5.5430	4.8393	1.1872	0.0000	0.0000	5.5430
61	1	2.7137SLL+1.3CF	-9.0929	-4.6052	-10.7307	-13.5806	-7.4552	0.0000	0.0000	-13.5806
61	1	2.7137SLL+1.3CF	3.3701	-0.7585	4.7478	7.4686	1.8823	0.0000	0.0000	7.4686
63	0	2.7137SLL+1.3CF	-2.5793	-3.1486	-2.8228	-2.0028	-2.3301	0.0000	0.0000	-3.1486
63	0	2.7137SLL+1.3CF	8.8369	12.8069	14.4307	8.0672	3.4430	0.0000	0.0000	14.4307
63	1	2.7137SLL+1.3CF	-2.5793	-2.2299	-1.4814	-2.8229	-3.8712	0.0000	0.0000	-3.8712
63	1	2.7137SLL+1.3CF	8.8369	3.6230	3.2048	14.2507	14.8689	0.0000	0.0000	14.8689
64	0	2.7137SLL+1.3CF	-8.0700	-2.6151	-8.0084	-13.3250	-8.1318	0.0000	0.0000	-13.3250
64	0	2.7137SLL+1.3CF	2.4908	-0.2117	3.8087	5.1828	1.3724	0.0000	0.0000	5.1828
64	1	2.7137SLL+1.3CF	-8.0700	-11.2415	-11.7813	-4.8965	-6.3788	0.0000	0.0000	-11.7813
64	1	2.7137SLL+1.3CF	2.4908	2.2557	4.2650	2.7254	0.7161	0.0000	0.0000	4.2650
66	0	2.7137SLL+1.3CF	-1.7813	-5.7813	6.8042	2.2186	-10.4867	0.0000	0.0000	-10.4867
66	0	2.7137SLL+1.3CF	5.9663	13.0133	10.5074	-1.0808	1.4251	0.0000	0.0000	13.0133
66	1	2.7137SLL+1.3CF	-1.7813	-8.3192	0.1653	4.7567	-3.7279	0.0000	0.0000	-8.3192
66	1	2.7137SLL+1.3CF	5.9663	1.6778	-1.8488	10.0547	13.7815	0.0000	0.0000	13.7815

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
67	0	2.7137SLL+1.3CF	-6.2534	-2.8810	-2.8705	-9.6257	-9.6362	0.0000	0.0000	-9.6362
67	0	2.7137SLL+1.3CF	1.8656	0.9667	0.9881	3.8218	3.8031	0.0000	0.0000	3.8218
67	1	2.7137SLL+1.3CF	-6.2534	-10.4204	-9.8195	-2.0863	-3.5672	0.0000	0.0000	-10.4204
67	1	2.7137SLL+1.3CF	1.8656	1.2255	2.9342	2.5656	0.8570	0.0000	0.0000	2.9342
68	0	2.7137SLL+1.3CF	-2.3488	-5.8969	8.6036	1.1992	-13.3615	0.0000	0.0000	-13.3615
68	0	2.7137SLL+1.3CF	4.8428	4.4331	1.4567	4.8521	7.8285	0.0000	0.0000	7.8285
68	1	2.7137SLL+1.3CF	-2.3488	-9.3507	-2.7563	4.6830	-1.8393	0.0000	0.0000	-9.3507
68	1	2.7137SLL+1.3CF	4.8428	7.8281	4.8140	1.4571	4.4712	0.0000	0.0000	7.8281
70	0	2.7137SLL+1.3CF	-4.8880	-5.0409	-3.4429	-4.2823	-5.8851	0.0000	0.0000	-5.8851
70	0	2.7137SLL+1.3CF	2.4646	2.9602	4.8135	2.0091	0.1558	0.0000	0.0000	4.8135
70	1	2.7137SLL+1.3CF	-4.8880	-4.8803	-4.7738	-4.4577	-4.5642	0.0000	0.0000	-4.8803
70	1	2.7137SLL+1.3CF	2.4646	0.0000	2.4480	4.9637	2.5213	0.0000	0.0000	4.9637
72	0	2.7137SLL+1.3CF	-3.4041	-4.4023	7.6836	-2.4060	-14.4918	0.0000	0.0000	-14.4918
72	0	2.7137SLL+1.3CF	4.8813	-0.3157	-0.9640	10.0783	10.7268	0.0000	0.0000	10.7268
72	1	2.7137SLL+1.3CF	-3.4041	1.6077	-16.3186	-8.4160	11.5083	0.0000	0.0000	-16.3186
72	1	2.7137SLL+1.3CF	4.8813	7.8028	12.8297	1.8099	-3.1671	0.0000	0.0000	12.8297
73	0	2.7137SLL+1.3CF	-4.8194	-4.4889	-5.2489	-4.7489	-3.9899	0.0000	0.0000	-5.2489
73	0	2.7137SLL+1.3CF	3.3471	3.1078	5.9852	3.5963	0.7089	0.0000	0.0000	5.9852
73	1	2.7137SLL+1.3CF	-4.8194	-3.0053	-7.8049	-6.1838	-1.4342	0.0000	0.0000	-7.8049
73	1	2.7137SLL+1.3CF	3.3471	0.7198	5.2193	5.8745	1.4748	0.0000	0.0000	5.8745
75	0	2.7137SLL+1.3CF	-4.3139	11.2461	-5.8748	-19.8740	-2.7531	0.0000	0.0000	-19.8740
75	0	2.7137SLL+1.3CF	5.4437	-2.7180	2.8184	13.6055	7.9711	0.0000	0.0000	13.6055
75	1	2.7137SLL+1.3CF	-4.3139	-15.7828	-8.8368	7.1548	-1.7890	0.0000	0.0000	-15.7828
75	1	2.7137SLL+1.3CF	5.4437	12.7444	8.8098	-1.8870	2.0277	0.0000	0.0000	12.7444
76	0	2.7137SLL+1.3CF	-5.8317	-3.0150	-6.8360	-8.8485	-4.9274	0.0000	0.0000	-8.8485
76	0	2.7137SLL+1.3CF	4.8372	3.3783	7.2061	8.2858	3.4683	0.0000	0.0000	7.2061
76	1	2.7137SLL+1.3CF	-5.8317	-4.9075	-5.8044	-6.9556	-6.0591	0.0000	0.0000	-6.9556
76	1	2.7137SLL+1.3CF	4.8372	2.6787	3.7042	6.8677	5.8702	0.0000	0.0000	6.8677
78	0	2.7137SLL+1.3CF	-5.9182	-6.3000	7.8376	-5.5363	-19.6739	0.0000	0.0000	-19.6739
78	0	2.7137SLL+1.3CF	8.4497	3.1839	0.0871	9.7159	12.8023	0.0000	0.0000	12.8023
78	1	2.7137SLL+1.3CF	-5.9182	-16.8089	-7.9589	4.9726	-3.8795	0.0000	0.0000	-16.8089
78	1	2.7137SLL+1.3CF	8.4497	13.0770	8.3238	-0.1777	3.5757	0.0000	0.0000	13.0770
79	0	2.7137SLL+1.3CF	-6.5506	-7.9828	-6.7836	-5.1184	-4.3174	0.0000	0.0000	-6.7836
79	0	2.7137SLL+1.3CF	9.0394	8.4627	9.4598	3.5960	2.5969	0.0000	0.0000	9.4598

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
79	1	2.7137SLL+1.3CF	-6.5506	-4.3536	-4.5339	-8.7476	-8.5673	0.0000	0.0000	-8.7476
79	1	2.7137SLL+1.3CF	9.0394	3.8647	5.0819	9.1941	8.9669	0.0000	0.0000	9.1941
81	0	2.7137SLL+1.3CF	-7.4358	-7.9972	2.7660	-6.8744	-17.6375	0.0000	0.0000	-17.6375
81	0	2.7137SLL+1.3CF	7.2756	5.1839	2.2108	9.3672	12.3403	0.0000	0.0000	12.3403
81	1	2.7137SLL+1.3CF	-7.4358	-7.0560	-15.7543	-7.8158	0.8627	0.0000	0.0000	-15.7543
81	1	2.7137SLL+1.3CF	7.2756	10.2602	10.5653	4.2906	3.9656	0.0000	0.0000	10.5653
82	0	2.7137SLL+1.3CF	-7.4177	-6.5367	-6.6711	-6.2988	-6.1644	0.0000	0.0000	-6.6711
82	0	2.7137SLL+1.3CF	7.5022	9.4592	9.6124	5.5453	5.3921	0.0000	0.0000	9.6124
82	1	2.7137SLL+1.3CF	-7.4177	-5.3639	-7.5584	-9.4719	-7.1771	0.0000	0.0000	-9.4719
82	1	2.7137SLL+1.3CF	7.5022	5.1087	9.9992	9.8658	9.6184	0.0000	0.0000	9.8658
84	0	2.7137SLL+1.3CF	-5.1400	-1.8096	-5.4755	-8.4704	-4.8045	0.0000	0.0000	-8.4704
84	0	2.7137SLL+1.3CF	4.8017	3.7268	3.3358	5.8765	6.2675	0.0000	0.0000	6.2675
84	1	2.7137SLL+1.3CF	-5.1400	-5.8752	-6.4178	-4.4048	-3.8624	0.0000	0.0000	-6.4178
84	1	2.7137SLL+1.3CF	4.8017	6.0415	5.3343	3.3619	4.2691	0.0000	0.0000	6.0415
85	0	2.7137SLL+1.3CF	-7.3730	-5.4036	-7.6868	-9.3421	-7.0462	0.0000	0.0000	-9.3421
85	0	2.7137SLL+1.3CF	8.0442	7.1579	9.0043	8.9007	7.9642	0.0000	0.0000	9.0043
85	1	2.7137SLL+1.3CF	-7.3730	-9.0809	-12.7280	-9.9851	-2.0180	0.0000	0.0000	-12.7280
85	1	2.7137SLL+1.3CF	8.0442	4.6764	11.7885	11.4131	4.3000	0.0000	0.0000	11.7885
87	0	2.7137SLL+1.3CF	-3.6022	-2.6329	-4.0341	-4.5716	-3.1704	0.0000	0.0000	-4.5716
87	0	2.7137SLL+1.3CF	3.3643	3.6523	3.6863	4.0784	3.0323	0.0000	0.0000	4.0784
87	1	2.7137SLL+1.3CF	-3.6022	-4.3679	-3.7004	-2.8166	-3.5041	0.0000	0.0000	-4.3679
87	1	2.7137SLL+1.3CF	3.3643	3.9560	3.4145	2.7707	3.3141	0.0000	0.0000	3.9560
88	0	2.7137SLL+1.3CF	-7.6844	-2.7341	-6.7340	-13.0346	-6.0348	0.0000	0.0000	-13.0346
88	0	2.7137SLL+1.3CF	8.6798	5.0837	11.8216	12.2739	5.4356	0.0000	0.0000	12.2739
88	1	2.7137SLL+1.3CF	-7.6844	-7.0335	-6.0796	-8.7353	-8.6901	0.0000	0.0000	-8.6796
88	1	2.7137SLL+1.3CF	8.6798	7.4894	8.2875	9.8888	9.0897	0.0000	0.0000	9.8888
90	0	2.7137SLL+1.3CF	-3.6710	-3.8885	-3.2561	-3.4054	-4.0859	0.0000	0.0000	-4.0859
90	0	2.7137SLL+1.3CF	3.2633	3.5050	2.9147	3.0216	3.6120	0.0000	0.0000	3.6120
90	1	2.7137SLL+1.3CF	-3.6710	-4.2808	-3.7339	-3.0511	-3.6080	0.0000	0.0000	-4.2808
90	1	2.7137SLL+1.3CF	3.2633	3.8304	3.1409	2.6663	3.3607	0.0000	0.0000	3.8304
91	0	2.7137SLL+1.3CF	-8.0716	-7.8971	-9.9069	-8.2761	-6.2363	0.0000	0.0000	-9.9069
91	0	2.7137SLL+1.3CF	9.4432	10.4383	11.0729	8.4481	7.8135	0.0000	0.0000	11.0729
91	1	2.7137SLL+1.3CF	-8.0716	-8.7680	-7.4657	-8.3752	-8.6775	0.0000	0.0000	-8.3752
91	1	2.7137SLL+1.3CF	9.4432	8.7015	7.4485	10.1848	11.4379	0.0000	0.0000	11.4379

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
93	0	2.7137SLL+1.3CF	-3.6963	-4.0983	-3.6758	-3.6943	-4.1189	0.0000	0.0000	-4.1189
93	0	2.7137SLL+1.3CF	3.3429	3.6568	2.9604	3.0291	3.7055	0.0000	0.0000	3.7055
93	1	2.7137SLL+1.3CF	-3.6963	-4.3754	-3.6759	-3.4172	-3.9138	0.0000	0.0000	-4.3754
93	1	2.7137SLL+1.3CF	3.3429	3.7945	3.3089	2.8914	3.3470	0.0000	0.0000	3.7945
94	0	2.7137SLL+1.3CF	-8.5811	-8.8975	-8.5717	-8.2248	-7.5506	0.0000	0.0000	-8.5717
94	0	2.7137SLL+1.3CF	10.2290	11.7992	10.4624	8.8567	8.9955	0.0000	0.0000	11.7992
94	1	2.7137SLL+1.3CF	-8.5811	-9.0363	-9.2198	-11.0880	-7.9025	0.0000	0.0000	-11.0880
94	1	2.7137SLL+1.3CF	10.2290	8.4950	8.8583	11.9629	10.5998	0.0000	0.0000	11.9629
96	0	2.7137SLL+1.3CF	-4.1186	-4.4730	-3.8521	-3.7603	-4.3811	0.0000	0.0000	-4.4730
96	0	2.7137SLL+1.3CF	3.5294	3.7105	3.2680	3.3482	3.7707	0.0000	0.0000	3.7707
96	1	2.7137SLL+1.3CF	-4.1186	-4.3114	-4.2969	-3.9218	-3.9363	0.0000	0.0000	-4.3114
96	1	2.7137SLL+1.3CF	3.5294	4.8302	2.7268	2.2285	4.3323	0.0000	0.0000	4.8302
97	0	2.7137SLL+1.3CF	-8.9073	-7.3967	-10.5804	-10.4179	-7.2342	0.0000	0.0000	-10.5804
97	0	2.7137SLL+1.3CF	10.7528	10.5248	11.8606	10.9807	9.8150	0.0000	0.0000	11.8606
97	1	2.7137SLL+1.3CF	-8.9073	-8.4346	-14.2170	-13.3801	-3.5877	0.0000	0.0000	-14.2170
97	1	2.7137SLL+1.3CF	10.7528	5.8614	14.7915	15.6242	8.7141	0.0000	0.0000	15.6242
99	0	2.7137SLL+1.3CF	-4.3204	-4.1803	-4.4600	-4.4606	-4.1809	0.0000	0.0000	-4.4606
99	0	2.7137SLL+1.3CF	3.6163	4.0755	3.2591	3.1571	3.9734	0.0000	0.0000	4.0755
99	1	2.7137SLL+1.3CF	-4.3204	-4.8400	-4.2842	-3.8009	-4.3567	0.0000	0.0000	-4.8400
99	1	2.7137SLL+1.3CF	3.6163	4.1076	3.4323	3.1249	3.8002	0.0000	0.0000	4.1076
100	0	2.7137SLL+1.3CF	-9.5007	-9.9393	-13.2386	-15.0620	-9.7615	0.0000	0.0000	-15.0620
100	0	2.7137SLL+1.3CF	11.3093	7.2300	15.8026	15.4898	9.9160	0.0000	0.0000	15.8026
100	1	2.7137SLL+1.3CF	-9.5007	-8.2806	-10.8450	-10.7407	-8.1063	0.0000	0.0000	-10.8450
100	1	2.7137SLL+1.3CF	11.3093	10.5543	10.7777	12.1643	11.9406	0.0000	0.0000	12.1643
102	0	2.7137SLL+1.3CF	-4.5007	-4.9388	-4.1788	-4.0627	-4.8229	0.0000	0.0000	-4.9388
102	0	2.7137SLL+1.3CF	3.8613	4.1489	3.3184	3.2138	4.0443	0.0000	0.0000	4.1489
102	1	2.7137SLL+1.3CF	-4.5007	-4.8487	-4.5550	-4.1528	-4.4465	0.0000	0.0000	-4.8487
102	1	2.7137SLL+1.3CF	3.8613	4.2574	3.4214	3.1053	3.9413	0.0000	0.0000	4.2574
103	0	2.7137SLL+1.3CF	-9.5539	-8.4888	-11.0880	-10.6191	-8.0397	0.0000	0.0000	-11.0880
103	0	2.7137SLL+1.3CF	11.6627	12.0188	12.2371	11.3488	11.1283	0.0000	0.0000	12.2371
103	1	2.7137SLL+1.3CF	-9.5539	-8.9888	-8.2143	-10.1392	-8.8835	0.0000	0.0000	-10.1392
103	1	2.7137SLL+1.3CF	11.6627	12.4028	8.9600	10.8626	13.8099	0.0000	0.0000	13.8099
105	0	2.7137SLL+1.3CF	-4.5607	-4.8306	-4.5359	-4.3544	-4.8494	0.0000	0.0000	-4.8306
105	0	2.7137SLL+1.3CF	3.7072	4.1964	3.3569	3.2180	4.0575	0.0000	0.0000	4.1964

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
105	1	2.7137SLL+1.3CF	-4.5607	-5.1143	-4.4158	-4.0710	-4.7684	0.0000	0.0000	-5.1143
105	1	2.7137SLL+1.3CF	3.7072	4.2323	3.4803	3.1821	3.9342	0.0000	0.0000	4.2323
106	0	2.7137SLL+1.3CF	-9.7483	-9.8110	-10.0215	-9.8857	-9.4751	0.0000	0.0000	-10.0215
106	0	2.7137SLL+1.3CF	11.9606	13.6435	10.7058	10.2780	13.2139	0.0000	0.0000	13.6435
106	1	2.7137SLL+1.3CF	-9.7483	-8.1438	-10.4840	-11.3528	-9.9026	0.0000	0.0000	-11.3528
106	1	2.7137SLL+1.3CF	11.9606	11.8272	11.3141	12.0843	12.8074	0.0000	0.0000	12.8074
108	0	2.7137SLL+1.3CF	-4.8283	-5.0089	-4.5187	-4.2477	-4.7389	0.0000	0.0000	-5.0089
108	0	2.7137SLL+1.3CF	3.7795	4.1461	3.5335	3.4129	4.0254	0.0000	0.0000	4.1461
108	1	2.7137SLL+1.3CF	-4.8283	-4.7676	-4.7379	-4.4690	-4.5187	0.0000	0.0000	-4.7676
108	1	2.7137SLL+1.3CF	3.7795	4.8078	3.0811	2.7512	4.4778	0.0000	0.0000	4.8078
109	0	2.7137SLL+1.3CF	-9.8491	-8.6297	-10.9850	-11.0685	-8.7133	0.0000	0.0000	-11.0685
109	0	2.7137SLL+1.3CF	11.9678	12.1643	11.6415	11.8313	12.3541	0.0000	0.0000	12.3541
109	1	2.7137SLL+1.3CF	-9.8491	-5.3627	-14.3685	-14.3399	-5.3097	0.0000	0.0000	-14.3685
109	1	2.7137SLL+1.3CF	11.9678	5.2553	15.5793	15.7403	8.4162	0.0000	0.0000	15.7403
111	0	2.7137SLL+1.3CF	-4.8523	-4.7163	-4.7984	-4.5883	-4.5362	0.0000	0.0000	-4.7984
111	0	2.7137SLL+1.3CF	3.7993	4.6619	3.2259	2.8096	4.3726	0.0000	0.0000	4.6619
111	1	2.7137SLL+1.3CF	-4.8523	-5.0205	-4.6042	-4.2841	-4.7004	0.0000	0.0000	-5.0205
111	1	2.7137SLL+1.3CF	3.7993	4.2318	3.5243	3.3666	4.0743	0.0000	0.0000	4.2318
112	0	2.7137SLL+1.3CF	-10.0158	-9.3484	-13.8414	-14.9628	-9.1887	0.0000	0.0000	-14.9628
112	0	2.7137SLL+1.3CF	12.1722	8.4649	15.8348	15.8795	8.7084	0.0000	0.0000	15.8795
112	1	2.7137SLL+1.3CF	-10.0158	-9.0717	-12.2120	-11.9594	-7.8191	0.0000	0.0000	-12.2120
112	1	2.7137SLL+1.3CF	12.1722	11.1976	12.7282	13.1467	11.8181	0.0000	0.0000	13.1467
114	0	2.7137SLL+1.3CF	-4.8714	-5.0179	-4.5960	-4.3249	-4.7467	0.0000	0.0000	-5.0179
114	0	2.7137SLL+1.3CF	3.7462	4.2460	3.5177	3.2444	3.9747	0.0000	0.0000	4.2460
114	1	2.7137SLL+1.3CF	-4.8714	-5.0731	-4.5067	-4.2697	-4.8421	0.0000	0.0000	-5.0731
114	1	2.7137SLL+1.3CF	3.7462	4.2020	3.4490	3.2904	4.0434	0.0000	0.0000	4.2020
115	0	2.7137SLL+1.3CF	-9.9081	-7.5843	-11.7030	-12.2480	-8.1092	0.0000	0.0000	-12.2480
115	0	2.7137SLL+1.3CF	12.2375	11.8218	13.1843	12.9533	11.2808	0.0000	0.0000	13.1843
115	1	2.7137SLL+1.3CF	-9.9081	-7.8673	-11.9831	-11.9450	-7.8292	0.0000	0.0000	-11.9831
115	1	2.7137SLL+1.3CF	12.2375	11.0934	12.6709	13.3817	11.8041	0.0000	0.0000	13.3817
117	0	2.7137SLL+1.3CF	-4.8019	-5.0345	-4.5769	-4.1691	-4.6267	0.0000	0.0000	-5.0345
117	0	2.7137SLL+1.3CF	3.7942	4.2236	3.5156	3.3647	4.0724	0.0000	0.0000	4.2236
117	1	2.7137SLL+1.3CF	-4.8018	-4.5062	-4.7769	-4.6954	-4.4286	0.0000	0.0000	-4.7769
117	1	2.7137SLL+1.3CF	3.7942	4.8644	3.2200	2.8239	4.3683	0.0000	0.0000	4.8644

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
169	0	2.7137SLL+1.3CF	-9.0469	-4.5614	-10.6048	-13.5324	-7.4090	0.0000	0.0000	-13.5324
169	0	2.7137SLL+1.3CF	3.3250	-0.7159	4.8478	7.3689	2.0024	0.0000	0.0000	7.3689
169	1	2.7137SLL+1.3CF	-9.0469	-8.8257	-10.4033	-8.2881	-7.6906	0.0000	0.0000	-10.4033
169	1	2.7137SLL+1.3CF	3.3250	2.1161	5.4659	4.5339	1.1642	0.0000	0.0000	5.4659
171	0	2.7137SLL+1.3CF	-2.6868	-5.1290	5.3302	-2.2686	-10.7277	0.0000	0.0000	-10.7277
171	0	2.7137SLL+1.3CF	7.8218	8.7726	5.3202	9.8708	10.3230	0.0000	0.0000	10.3230
171	1	2.7137SLL+1.3CF	-2.6868	-14.3134	1.5141	8.8159	-6.9116	0.0000	0.0000	-14.2134
171	1	2.7137SLL+1.3CF	7.8218	9.6597	6.0949	5.9635	5.5483	0.0000	0.0000	9.6597
172	0	2.7137SLL+1.3CF	-8.4811	-7.2493	-7.8182	-9.6529	-9.0840	0.0000	0.0000	-9.6529
172	0	2.7137SLL+1.3CF	3.1106	3.0677	5.8607	4.1336	5.3405	0.0000	0.0000	5.8607
172	1	2.7137SLL+1.3CF	-8.4811	-10.0436	-8.7733	-8.8566	-8.1289	0.0000	0.0000	-10.0436
172	1	2.7137SLL+1.3CF	3.1106	0.6769	4.1918	5.5443	2.0296	0.0000	0.0000	5.5443
174	0	2.7137SLL+1.3CF	-3.3545	-6.6541	0.4488	-0.0549	-16.1568	0.0000	0.0000	-16.1568
174	0	2.7137SLL+1.3CF	7.1029	9.7975	5.3992	4.4083	8.8067	0.0000	0.0000	9.7975
174	1	2.7137SLL+1.3CF	-3.3545	-12.5975	-3.5333	5.8685	-3.1757	0.0000	0.0000	-12.5975
174	1	2.7137SLL+1.3CF	7.1029	7.7973	3.3217	8.4086	8.8841	0.0000	0.0000	8.8841
175	0	2.7137SLL+1.3CF	-7.8182	-7.3757	-5.7883	-8.5068	-8.8442	0.0000	0.0000	-8.8442
175	0	2.7137SLL+1.3CF	4.1343	4.5301	6.2968	3.7585	-0.0282	0.0000	0.0000	6.2968
175	1	2.7137SLL+1.3CF	-7.8182	-8.7952	-8.8153	-6.8373	-6.7173	0.0000	0.0000	-8.8152
175	1	2.7137SLL+1.3CF	4.1343	-0.4375	4.3625	8.7061	3.8081	0.0000	0.0000	8.7061
177	0	2.7137SLL+1.3CF	-4.8859	-4.0425	0.4254	-5.3284	-16.7972	0.0000	0.0000	-16.7972
177	0	2.7137SLL+1.3CF	6.5345	6.2328	2.4388	6.9364	10.6302	0.0000	0.0000	10.6302
177	1	2.7137SLL+1.3CF	-4.8859	-0.8932	-23.3067	-6.8797	13.9348	0.0000	0.0000	-23.3067
177	1	2.7137SLL+1.3CF	6.5345	5.8748	11.8118	7.0843	1.4574	0.0000	0.0000	11.8118
178	0	2.7137SLL+1.3CF	-7.2808	-6.1022	-7.8900	-8.4590	-8.5712	0.0000	0.0000	-8.4590
178	0	2.7137SLL+1.3CF	5.2105	4.2576	9.3436	6.1634	1.0773	0.0000	0.0000	9.3436
178	1	2.7137SLL+1.3CF	-7.2808	-4.2747	-11.3854	-10.2865	-3.1758	0.0000	0.0000	-11.3854
178	1	2.7137SLL+1.3CF	5.2105	0.9123	8.9496	9.5096	1.5713	0.0000	0.0000	9.5096
180	0	2.7137SLL+1.3CF	-5.5000	10.4691	-7.7755	-21.4691	-3.2245	0.0000	0.0000	-21.4691
180	0	2.7137SLL+1.3CF	6.5500	2.2230	7.4486	10.8770	5.6513	0.0000	0.0000	10.8770
180	1	2.7137SLL+1.3CF	-5.5000	-16.0685	-6.7908	7.0685	-4.2083	0.0000	0.0000	-16.0685
180	1	2.7137SLL+1.3CF	6.5500	10.0829	6.5955	3.0071	6.5045	0.0000	0.0000	10.0829
181	0	2.7137SLL+1.3CF	-7.8325	-3.3237	-10.1114	-11.9414	-5.1537	0.0000	0.0000	-11.9414
181	0	2.7137SLL+1.3CF	6.8763	3.0039	10.2971	10.8667	3.4584	0.0000	0.0000	10.8667

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
181	1	2.7137SLL+1.3CF	-7.8325	-6.4277	-9.1028	-8.8374	-6.1625	0.0000	0.0000	-9.1028
181	1	2.7137SLL+1.3CF	6.8763	3.8520	7.6727	9.8005	6.0799	0.0000	0.0000	9.8005
183	0	2.7137SLL+1.3CF	-8.5033	-7.7295	8.8279	-5.2772	-19.9346	0.0000	0.0000	-19.9346
183	0	2.7137SLL+1.3CF	8.8874	7.3905	3.0668	5.9443	10.2683	0.0000	0.0000	10.2683
183	1	2.7137SLL+1.3CF	-8.5033	-19.6865	-5.5970	6.6798	-7.4097	0.0000	0.0000	-19.6865
183	1	2.7137SLL+1.3CF	8.8874	10.4439	8.0146	3.8910	7.3202	0.0000	0.0000	10.4439
184	0	2.7137SLL+1.3CF	-7.8345	-6.4889	-9.0346	-8.7990	-8.2343	0.0000	0.0000	-9.0346
184	0	2.7137SLL+1.3CF	7.8139	7.6040	11.3381	7.8239	3.8898	0.0000	0.0000	11.3381
184	1	2.7137SLL+1.3CF	-7.8345	-8.5100	-8.1272	-8.7990	-7.1418	0.0000	0.0000	-8.7990
184	1	2.7137SLL+1.3CF	7.8139	4.2094	7.2913	10.9685	7.9367	0.0000	0.0000	10.9685
186	0	2.7137SLL+1.3CF	-7.1831	-10.8586	8.9411	-3.5068	-20.3074	0.0000	0.0000	-20.3074
186	0	2.7137SLL+1.3CF	8.6778	8.3110	3.2137	5.0443	10.1418	0.0000	0.0000	10.1418
186	1	2.7137SLL+1.3CF	-7.1831	-17.0685	-6.8861	2.7022	-7.4602	0.0000	0.0000	-17.0685
186	1	2.7137SLL+1.3CF	8.6778	9.5086	6.0054	3.8467	7.3469	0.0000	0.0000	9.5086
187	0	2.7137SLL+1.3CF	-7.7136	-8.8845	-8.5321	-8.5427	-8.8950	0.0000	0.0000	-8.8427
187	0	2.7137SLL+1.3CF	8.4763	8.2908	11.3778	8.8621	5.5749	0.0000	0.0000	11.3778
187	1	2.7137SLL+1.3CF	-7.7136	-9.8036	-9.3565	-9.8236	-9.0667	0.0000	0.0000	-9.8236
187	1	2.7137SLL+1.3CF	8.4763	4.9397	9.5891	12.4130	7.3635	0.0000	0.0000	12.4130
189	0	2.7137SLL+1.3CF	-7.8473	-11.9440	3.1497	-3.7505	-16.8442	0.0000	0.0000	-16.8442
189	0	2.7137SLL+1.3CF	8.6841	8.4803	3.7859	4.8778	8.5782	0.0000	0.0000	8.5782
189	1	2.7137SLL+1.3CF	-7.8473	-2.2951	-20.4853	-13.4294	-4.7908	0.0000	0.0000	-20.4853
189	1	2.7137SLL+1.3CF	8.6841	5.5406	9.3002	7.8274	4.0679	0.0000	0.0000	9.3002
190	0	2.7137SLL+1.3CF	-7.7308	-8.6266	-8.3975	-8.8313	-8.0635	0.0000	0.0000	-8.8313
190	0	2.7137SLL+1.3CF	8.1331	7.1655	12.2718	11.0828	5.8845	0.0000	0.0000	12.2718
190	1	2.7137SLL+1.3CF	-7.7305	-3.3196	-12.3578	-12.1413	-3.1033	0.0000	0.0000	-12.3578
190	1	2.7137SLL+1.3CF	8.1331	3.5853	14.0445	14.6810	4.2218	0.0000	0.0000	14.6810
192	0	2.7137SLL+1.3CF	-8.0416	3.1245	-13.2812	-19.2077	-2.8219	0.0000	0.0000	-19.2077
192	0	2.7137SLL+1.3CF	6.5288	4.3164	7.9308	8.7411	5.1270	0.0000	0.0000	8.7411
192	1	2.7137SLL+1.3CF	-8.0416	-17.8583	-4.8218	1.5752	-11.1618	0.0000	0.0000	-17.8583
192	1	2.7137SLL+1.3CF	6.5288	9.3175	5.0851	3.7400	8.0025	0.0000	0.0000	9.3175
193	0	2.7137SLL+1.3CF	-7.8568	-2.5572	-11.5428	-12.7584	-3.7709	0.0000	0.0000	-12.7584
193	0	2.7137SLL+1.3CF	6.6888	4.2817	14.5113	15.0858	4.8662	0.0000	0.0000	15.0858
193	1	2.7137SLL+1.3CF	-7.8568	-6.1170	-8.8864	-9.1968	-5.4172	0.0000	0.0000	-8.8864
193	1	2.7137SLL+1.3CF	6.6888	7.5884	11.3342	11.8211	8.0434	0.0000	0.0000	11.8211

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
185	0	2.713?SLL+1.3CF	-8.2357	-12.0839	0.6558	-4.3775	-17.1272	0.0000	0.0000	-17.1272
185	0	2.713?SLL+1.3CF	8.2130	7.6773	3.8103	4.5467	8.8159	0.0000	0.0000	8.8159
185	1	2.713?SLL+1.3CF	-8.2357	-13.7425	-8.2123	-2.7289	-8.2591	0.0000	0.0000	-13.7425
185	1	2.713?SLL+1.3CF	8.2130	8.2824	5.7355	4.1436	8.6805	0.0000	0.0000	8.2824
186	0	2.713?SLL+1.3CF	-7.3852	-4.8739	-8.6415	-9.8564	-6.0888	0.0000	0.0000	-9.8564
186	0	2.713?SLL+1.3CF	9.6564	7.9494	11.7242	11.3630	7.5867	0.0000	0.0000	11.7242
186	1	2.713?SLL+1.3CF	-7.3852	-6.9821	-8.5431	-7.8682	-6.1872	0.0000	0.0000	-8.5431
186	1	2.713?SLL+1.3CF	9.6564	8.6731	8.8858	10.6398	9.4173	0.0000	0.0000	10.6398
188	0	2.713?SLL+1.3CF	-8.0881	-7.9106	-4.0307	-8.2275	-12.1074	0.0000	0.0000	-12.1074
188	0	2.713?SLL+1.3CF	5.7527	6.0457	3.9034	5.4597	7.6020	0.0000	0.0000	7.6020
188	1	2.713?SLL+1.3CF	-8.0881	-9.5365	-11.0408	-8.5898	-5.0873	0.0000	0.0000	-11.0408
189	1	2.713?SLL+1.3CF	5.7527	6.7769	6.9345	4.7285	4.5709	0.0000	0.0000	8.9345
189	0	2.713?SLL+1.3CF	-7.0318	-6.3066	-6.9645	-6.7052	-7.0994	0.0000	0.0000	-8.7052
189	0	2.713?SLL+1.3CF	9.6833	8.7614	9.6609	10.6252	9.7256	0.0000	0.0000	10.6252
189	1	2.713?SLL+1.3CF	-7.0318	-6.7021	-9.2138	-7.3618	-4.8501	0.0000	0.0000	-9.2138
189	1	2.713?SLL+1.3CF	9.6833	8.4188	11.5895	9.9679	7.7970	0.0000	0.0000	11.5895
201	0	2.713?SLL+1.3CF	-4.8466	-3.1930	-4.7376	-6.5068	-4.9620	0.0000	0.0000	-6.5068
201	0	2.713?SLL+1.3CF	3.4191	2.7865	2.9532	4.0497	3.8850	0.0000	0.0000	4.0497
201	1	2.713?SLL+1.3CF	-4.8466	-5.1873	-5.6567	-4.5023	-4.0408	0.0000	0.0000	-5.6567
201	1	2.713?SLL+1.3CF	3.4191	3.9299	3.8156	2.9052	3.2239	0.0000	0.0000	3.9299
202	0	2.713?SLL+1.3CF	-6.4668	-4.2341	-6.7894	-8.7437	-6.2084	0.0000	0.0000	-8.7437
202	0	2.713?SLL+1.3CF	9.1764	8.6718	9.2052	11.3809	9.1478	0.0000	0.0000	11.3809
202	1	2.713?SLL+1.3CF	-6.4668	-3.6563	-10.0624	-8.3215	-2.6154	0.0000	0.0000	-10.0624
202	1	2.713?SLL+1.3CF	9.1764	5.7030	13.3200	12.8499	5.0329	0.0000	0.0000	13.3200
204	0	2.713?SLL+1.3CF	-3.1902	-3.3086	-3.2128	-3.0218	-3.1677	0.0000	0.0000	-3.3086
204	0	2.713?SLL+1.3CF	2.2696	2.8414	1.9874	1.8882	2.5523	0.0000	0.0000	2.8414
204	1	2.713?SLL+1.3CF	-3.1902	-3.3944	-3.0703	-2.9860	-3.3102	0.0000	0.0000	-3.3944
204	1	2.713?SLL+1.3CF	2.2696	2.3522	2.1212	2.1875	2.4185	0.0000	0.0000	2.4185
205	0	2.713?SLL+1.3CF	-5.6193	-1.7484	-6.4426	-9.4902	-2.7960	0.0000	0.0000	-9.4902
205	0	2.713?SLL+1.3CF	8.1539	3.8312	11.7685	12.4799	4.5393	0.0000	0.0000	12.4799
205	1	2.713?SLL+1.3CF	-5.6193	-0.0823	-7.5354	-6.1563	-3.7033	0.0000	0.0000	-7.5354
205	1	2.713?SLL+1.3CF	8.1539	7.6872	8.9376	8.6208	6.6702	0.0000	0.0000	8.9376
207	0	2.713?SLL+1.3CF	-2.7927	-3.2592	-2.7695	-2.3262	-2.8159	0.0000	0.0000	-3.2592
207	0	2.713?SLL+1.3CF	1.8596	2.1664	1.9391	1.5539	1.7922	0.0000	0.0000	2.1664

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
207	1	2.713?SLL+1.3CF	-2.7927	-2.8486	-2.5952	-2.7366	-2.9903	0.0000	0.0000	-2.9903
207	1	2.713?SLL+1.3CF	1.8596	2.0214	1.8413	1.8678	2.1780	0.0000	0.0000	2.1780
208	0	2.713?SLL+1.3CF	-5.0881	-2.7576	-5.2134	-7.4167	-4.9629	0.0000	0.0000	-7.4167
208	0	2.713?SLL+1.3CF	7.5671	5.5468	7.5141	9.5675	7.6201	0.0000	0.0000	9.5675
208	1	2.713?SLL+1.3CF	-5.0881	-0.7227	-6.4217	-4.4535	-3.7545	0.0000	0.0000	-6.4217
208	1	2.713?SLL+1.3CF	7.5671	6.8031	8.3708	6.3312	6.7634	0.0000	0.0000	8.8031
210	0	2.713?SLL+1.3CF	-2.5758	-2.9925	-2.6648	-2.1591	-2.4666	0.0000	0.0000	-2.9925
210	0	2.713?SLL+1.3CF	1.8736	2.0724	1.8514	1.2746	1.6858	0.0000	0.0000	2.0724
210	1	2.713?SLL+1.3CF	-2.5758	-2.7375	-2.1573	-2.4141	-2.9643	0.0000	0.0000	-2.9643
210	1	2.713?SLL+1.3CF	1.8736	1.7803	1.3644	1.5858	1.9828	0.0000	0.0000	1.9828
211	0	2.713?SLL+1.3CF	-4.4746	-2.9016	-5.6653	-5.9879	-5.2839	0.0000	0.0000	-5.9879
211	0	2.713?SLL+1.3CF	8.8230	5.5893	9.1918	8.0798	8.4544	0.0000	0.0000	8.4544
211	1	2.713?SLL+1.3CF	-4.4746	-5.0014	-6.1570	-3.9479	-2.7922	0.0000	0.0000	-6.1570
211	1	2.713?SLL+1.3CF	8.8230	8.0779	8.5368	5.5681	5.1092	0.0000	0.0000	8.5368
213	0	2.713?SLL+1.3CF	-2.1928	-2.7814	-2.2088	-1.6042	-2.1768	0.0000	0.0000	-2.7814
213	0	2.713?SLL+1.3CF	1.4330	1.8382	1.4231	1.0278	1.4430	0.0000	0.0000	1.8382
213	1	2.713?SLL+1.3CF	-2.1928	-1.5173	-2.4661	-2.9663	-1.9195	0.0000	0.0000	-2.9663
213	1	2.713?SLL+1.3CF	1.4330	1.2511	1.3708	1.8149	1.4953	0.0000	0.0000	1.8149
214	0	2.713?SLL+1.3CF	-3.9859	-2.7935	-3.9851	-5.1975	-3.9960	0.0000	0.0000	-5.1975
214	0	2.713?SLL+1.3CF	5.2796	5.0155	5.6248	7.5443	5.9349	0.0000	0.0000	7.5443
214	1	2.713?SLL+1.3CF	-3.9859	-2.0580	-5.6705	-5.9331	-2.3205	0.0000	0.0000	-5.9331
214	1	2.713?SLL+1.3CF	5.2796	4.1298	8.6804	8.4330	3.8794	0.0000	0.0000	8.6804
216	0	2.713?SLL+1.3CF	-1.8578	-2.2763	-2.0124	-1.4373	-1.7032	0.0000	0.0000	-2.2763
216	0	2.713?SLL+1.3CF	1.1978	1.5048	0.9582	0.4604	1.4371	0.0000	0.0000	1.5048
216	1	2.713?SLL+1.3CF	-1.8578	-1.9191	-1.4530	-1.7965	-2.2627	0.0000	0.0000	-2.2627
216	1	2.713?SLL+1.3CF	1.1978	1.1239	0.9286	1.2714	1.4667	0.0000	0.0000	1.4667
217	0	2.713?SLL+1.3CF	-3.0291	-0.7919	-4.5878	-5.2703	-1.0644	0.0000	0.0000	-5.2703
217	0	2.713?SLL+1.3CF	5.0391	3.0274	7.3488	8.0509	3.7293	0.0000	0.0000	8.0509
217	1	2.713?SLL+1.3CF	-3.0291	-3.0576	-4.5922	-2.9947	-1.4601	0.0000	0.0000	-4.5922
217	1	2.713?SLL+1.3CF	5.0391	5.5252	6.8057	4.5831	2.2726	0.0000	0.0000	6.8057
219	0	2.713?SLL+1.3CF	-1.3592	-1.8299	-1.4690	-0.7884	-1.2493	0.0000	0.0000	-1.8299
219	0	2.713?SLL+1.3CF	0.8196	1.1430	0.9515	0.4662	0.8877	0.0000	0.0000	1.1430
219	1	2.713?SLL+1.3CF	-1.3592	-1.2861	-1.0478	-1.4323	-1.6708	0.0000	0.0000	-1.6708
219	1	2.713?SLL+1.3CF	0.8196	0.7504	0.5670	0.8859	1.0522	0.0000	0.0000	1.0522

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
220	0	2.7137SLL+1.3CF	-3.3295	0.0638	-1.4784	-4.7228	-3.1805	0.0000	0.0000	-4.7228
220	0	2.7137SLL+1.3CF	4.0191	1.1952	2.5028	6.8429	5.5363	0.0000	0.0000	6.8429
220	1	2.7137SLL+1.3CF	-3.3295	-3.8539	-3.8920	-0.8051	-0.8670	0.0000	0.0000	-3.9920
220	1	2.7137SLL+1.3CF	4.0191	6.8204	5.9708	1.4177	2.0675	0.0000	0.0000	6.8204
222	0	2.7137SLL+1.3CF	-1.2761	-1.9643	-1.7322	-0.5660	-0.8231	0.0000	0.0000	-1.9643
222	0	2.7137SLL+1.3CF	0.7415	1.1550	0.9668	0.3281	0.4863	0.0000	0.0000	1.1550
222	1	2.7137SLL+1.3CF	-1.2761	-1.1043	-0.2474	-1.4479	-2.3049	0.0000	0.0000	-2.3049
222	1	2.7137SLL+1.3CF	0.7415	0.6128	0.1383	0.8702	1.3447	0.0000	0.0000	1.3447
223	0	2.7137SLL+1.3CF	-1.4065	0.0561	-0.1178	-2.8682	-2.6952	0.0000	0.0000	-2.9682
223	0	2.7137SLL+1.3CF	2.3286	0.4625	0.0547	4.1647	4.8025	0.0000	0.0000	4.8025
223	1	2.7137SLL+1.3CF	-1.4065	-2.7613	-2.4046	-0.0518	-0.4088	0.0000	0.0000	-2.7613
223	1	2.7137SLL+1.3CF	2.3286	4.5675	3.7271	0.0667	0.8301	0.0000	0.0000	4.5675
225	0	2.7137SLL+1.3CF	-0.2771	-1.0129	-0.1528	0.4586	-0.3914	0.0000	0.0000	-1.0129
225	0	2.7137SLL+1.3CF	0.1599	0.5689	0.0997	-0.2501	0.2202	0.0000	0.0000	0.5689
225	1	2.7137SLL+1.3CF	-0.2771	0.7005	-0.5609	-1.2548	0.0066	0.0000	0.0000	-1.2548
225	1	2.7137SLL+1.3CF	0.1599	-0.6563	0.5529	0.8781	-0.2330	0.0000	0.0000	0.8781
226	0	2.7137SLL+1.3CF	-0.6778	-0.3058	0.0144	-1.3893	-1.7686	0.0000	0.0000	-1.7686
226	0	2.7137SLL+1.3CF	1.3440	0.0837	-0.7727	2.6042	3.4607	0.0000	0.0000	3.4607
226	1	2.7137SLL+1.3CF	-0.6778	-0.9477	-0.4941	-0.8074	-1.2810	0.0000	0.0000	-1.2810
226	1	2.7137SLL+1.3CF	1.3440	2.4220	1.8748	0.2660	0.8133	0.0000	0.0000	2.4220
228	0	2.7137SLL+1.3CF	-1.7961	-0.7475	0.5315	-6.0676	0.0000	0.0000	0.0000	-6.0676
228	0	2.7137SLL+1.3CF	1.4470	0.1168	-0.5773	5.5685	0.0000	0.0000	0.0000	5.5685
228	1	2.7137SLL+1.3CF	-1.7961	-3.0588	-3.7456	2.1475	0.0000	0.0000	0.0000	-3.7456
228	1	2.7137SLL+1.3CF	1.4470	2.8194	2.8795	-1.7026	0.0000	0.0000	0.0000	2.8795
229	0	2.7137SLL+1.3CF	-2.7077	-2.2339	-2.4287	-3.5868	0.0000	0.0000	0.0000	-3.5868
229	0	2.7137SLL+1.3CF	1.1922	-0.7838	-0.8398	5.9488	0.0000	0.0000	0.0000	5.9488
229	1	2.7137SLL+1.3CF	-2.7077	-2.3922	-3.4833	-1.9527	0.0000	0.0000	0.0000	-3.4833
229	1	2.7137SLL+1.3CF	1.1922	2.2655	3.4810	-3.0403	0.0000	0.0000	0.0000	3.4810
230	0	2.7137SLL+1.3CF	-0.0242	-0.1104	-0.1104	0.0120	0.0120	0.0000	0.0000	-0.1104
230	0	2.7137SLL+1.3CF	0.2345	0.0353	0.0353	0.3182	0.3182	0.0000	0.0000	0.3182
230	1	2.7137SLL+1.3CF	-0.0242	0.0793	0.0793	-0.0677	-0.0677	0.0000	0.0000	0.0793
230	1	2.7137SLL+1.3CF	0.2345	0.8966	0.8966	-0.0436	-0.0436	0.0000	0.0000	0.8966
231	0	2.7137SLL+1.3CF	-0.2113	-0.1792	-0.1792	-0.2247	-0.2247	0.0000	0.0000	-0.2247
231	0	2.7137SLL+1.3CF	0.6298	0.7093	0.7093	0.5962	0.5962	0.0000	0.0000	0.7093

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
231	1	2.7137SLL+1.3CF	-0.2113	-0.2062	-0.2062	-0.2134	-0.2134	0.0000	0.0000	-0.2134
231	1	2.7137SLL+1.3CF	0.6298	0.3364	0.3364	0.7528	0.7528	0.0000	0.0000	0.7528
233	0	2.7137SLL+1.3CF	-0.1875	0.0437	-0.1812	-0.4368	-0.2139	0.0000	0.0000	-0.4368
233	0	2.7137SLL+1.3CF	0.5458	-0.3565	0.4188	0.4510	-0.3271	0.0000	0.0000	0.4510
233	1	2.7137SLL+1.3CF	-0.1875	-0.3120	-0.3460	-0.0831	-0.0491	0.0000	0.0000	-0.3460
233	1	2.7137SLL+1.3CF	0.5458	0.0547	0.0587	0.0371	0.0331	0.0000	0.0000	0.0587
234	0	2.7137SLL+1.3CF	-0.3231	-0.9757	-0.5021	0.3295	-0.1440	0.0000	0.0000	-0.9757
234	0	2.7137SLL+1.3CF	0.8662	2.3182	2.4668	-0.3259	-0.4745	0.0000	0.0000	2.4668
234	1	2.7137SLL+1.3CF	-0.3231	-0.1140	0.2809	-0.5321	-0.8271	0.0000	0.0000	-0.9271
234	1	2.7137SLL+1.3CF	0.8662	-0.0487	-0.8143	2.0410	2.8067	0.0000	0.0000	2.8067
236	0	2.7137SLL+1.3CF	-0.7946	-0.4595	-0.4299	-1.1100	-1.1396	0.0000	0.0000	-1.1396
236	0	2.7137SLL+1.3CF	0.2967	0.1609	0.1628	0.4127	0.4107	0.0000	0.0000	0.4127
236	1	2.7137SLL+1.3CF	-0.7946	-1.0770	-1.1303	-0.4929	-0.4392	0.0000	0.0000	-1.1303
236	1	2.7137SLL+1.3CF	0.2967	0.4087	0.4057	0.1648	0.1678	0.0000	0.0000	0.4087
237	0	2.7137SLL+1.3CF	-0.5461	-1.1215	-0.7330	0.0312	-0.3572	0.0000	0.0000	-1.1215
237	0	2.7137SLL+1.3CF	1.8613	3.7994	3.0140	-0.0768	0.7586	0.0000	0.0000	3.7994
237	1	2.7137SLL+1.3CF	-0.5461	-0.1676	-0.0140	-0.9027	-1.0762	0.0000	0.0000	-1.0762
237	1	2.7137SLL+1.3CF	1.8613	0.6286	-0.2532	3.0940	3.6758	0.0000	0.0000	3.6758
239	0	2.7137SLL+1.3CF	-1.1152	-0.6701	-0.9377	-1.2803	-1.2527	0.0000	0.0000	-1.2927
239	0	2.7137SLL+1.3CF	0.3828	0.3186	0.3135	0.4487	0.4517	0.0000	0.0000	0.4517
239	1	2.7137SLL+1.3CF	-1.1152	-1.2853	-1.4675	-0.9651	-0.7829	0.0000	0.0000	-1.4675
239	1	2.7137SLL+1.3CF	0.3828	0.4878	0.4530	0.2673	0.3121	0.0000	0.0000	0.4878
240	0	2.7137SLL+1.3CF	-0.8177	-1.3960	-1.2727	-0.2393	-0.3626	0.0000	0.0000	-1.3960
240	0	2.7137SLL+1.3CF	2.8328	4.8259	4.0611	0.7593	1.6041	0.0000	0.0000	4.8259
240	1	2.7137SLL+1.3CF	-0.8177	-0.0340	-0.5229	-1.6010	-1.1125	0.0000	0.0000	-1.6010
240	1	2.7137SLL+1.3CF	2.8328	1.0827	1.3183	4.5725	4.3470	0.0000	0.0000	4.5725
242	0	2.7137SLL+1.3CF	-1.5511	-1.3827	-1.5079	-1.7395	-1.5943	0.0000	0.0000	-1.7395
242	0	2.7137SLL+1.3CF	0.9623	0.5007	0.4821	0.8239	0.8325	0.0000	0.0000	0.8325
242	1	2.7137SLL+1.3CF	-1.5511	-1.8520	-1.5391	-1.1502	-1.3631	0.0000	0.0000	-1.8520
242	1	2.7137SLL+1.3CF	0.9623	0.5544	0.7606	0.5703	0.3640	0.0000	0.0000	0.7606
243	0	2.7137SLL+1.3CF	-1.3102	-1.8211	-1.8634	-0.8993	-0.7569	0.0000	0.0000	-1.8211
243	0	2.7137SLL+1.3CF	3.7692	5.1163	5.2570	2.4231	2.2814	0.0000	0.0000	5.2570
243	1	2.7137SLL+1.3CF	-1.3102	-0.4464	-1.1449	-2.1720	-1.4755	0.0000	0.0000	-2.1720
243	1	2.7137SLL+1.3CF	3.7692	1.2333	3.0268	6.3051	3.8096	0.0000	0.0000	6.3051

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
244	0	2.71375LL+1.3CF	-1.3865	-0.4211	-0.2737	-3.8678	0.0000	0.0000	0.0000	-3.8678
244	0	2.71375LL+1.3CF	2.7022	2.3310	1.8274	4.2807	0.0000	0.0000	0.0000	4.2807
244	1	2.71375LL+1.3CF	-1.3865	-2.5504	-2.2818	1.0133	0.0000	0.0000	0.0000	-2.5504
244	1	2.71375LL+1.3CF	2.7022	3.3735	3.1662	1.3662	0.0000	0.0000	0.0000	3.3735
245	0	2.71375LL+1.3CF	-3.3184	-5.2317	-4.0610	-0.3801	0.0000	0.0000	0.0000	-5.2317
245	0	2.71375LL+1.3CF	1.5878	3.0281	2.3928	-1.3403	0.0000	0.0000	0.0000	3.0281
245	1	2.71375LL+1.3CF	-3.3184	-0.5364	-3.1391	-6.3460	0.0000	0.0000	0.0000	-6.3460
245	1	2.71375LL+1.3CF	1.5878	-0.1890	0.8894	4.5703	0.0000	0.0000	0.0000	4.5703
246	0	2.71375LL+1.3CF	-0.1293	-0.3575	-0.3575	-0.0334	-0.0334	0.0000	0.0000	-0.3575
246	0	2.71375LL+1.3CF	0.2800	0.3285	0.3285	0.2312	0.2312	0.0000	0.0000	0.3285
246	1	2.71375LL+1.3CF	-0.1293	0.0819	0.0819	-0.2222	-0.2222	0.0000	0.0000	-0.2222
246	1	2.71375LL+1.3CF	0.2800	0.2441	0.2441	0.2667	0.2667	0.0000	0.0000	0.2667
247	0	2.71375LL+1.3CF	-0.9591	-0.0789	-0.0789	-1.3289	-1.3289	0.0000	0.0000	-1.3289
247	0	2.71375LL+1.3CF	0.8222	0.7121	0.7121	0.8684	0.8684	0.0000	0.0000	0.8684
247	1	2.71375LL+1.3CF	-0.9591	-1.3518	-1.3518	-0.7942	-0.7942	0.0000	0.0000	-1.3518
247	1	2.71375LL+1.3CF	0.8222	0.6278	0.6278	0.9040	0.9040	0.0000	0.0000	0.9040
248	0	2.71375LL+1.3CF	-1.8855	-1.9352	-1.8863	-1.7959	-2.0318	0.0000	0.0000	-2.0318
248	0	2.71375LL+1.3CF	0.8942	0.6748	0.6124	0.7139	0.7761	0.0000	0.0000	0.7761
248	1	2.71375LL+1.3CF	-1.8855	-1.8802	-2.0532	-1.7508	-1.6779	0.0000	0.0000	-2.0532
248	1	2.71375LL+1.3CF	0.8942	0.7772	0.7952	0.8112	0.5858	0.0000	0.0000	0.7952
250	0	2.71375LL+1.3CF	-1.7150	-1.7082	-2.5751	-1.7218	-0.8546	0.0000	0.0000	-2.5751
250	0	2.71375LL+1.3CF	4.5775	3.9058	6.5618	5.2194	2.5932	0.0000	0.0000	6.5618
250	1	2.71375LL+1.3CF	-1.7150	-1.3850	-0.9061	-2.0450	-2.5239	0.0000	0.0000	-2.5239
250	1	2.71375LL+1.3CF	4.5775	4.0536	3.3092	5.1014	5.8158	0.0000	0.0000	5.8158
252	0	2.71375LL+1.3CF	-2.0828	-1.9841	-2.0845	-2.1710	-2.1006	0.0000	0.0000	-2.1710
252	0	2.71375LL+1.3CF	0.8344	0.7760	0.7975	0.8908	0.8713	0.0000	0.0000	0.8908
252	1	2.71375LL+1.3CF	-2.0825	-2.2875	-2.2050	-1.8778	-1.9821	0.0000	0.0000	-2.2875
252	1	2.71375LL+1.3CF	0.8344	0.8174	0.8388	0.7515	0.7300	0.0000	0.0000	0.8388
253	0	2.71375LL+1.3CF	-2.0491	-2.0074	-2.4283	-1.1908	-1.8698	0.0000	0.0000	-2.9074
253	0	2.71375LL+1.3CF	5.0369	6.3250	5.4615	3.7489	4.6124	0.0000	0.0000	6.3250
253	1	2.71375LL+1.3CF	-2.0491	-1.8463	-0.8024	-2.2518	-3.1859	0.0000	0.0000	-3.1859
253	1	2.71375LL+1.3CF	5.0369	5.0579	3.2348	5.0159	6.8362	0.0000	0.0000	6.8362
255	0	2.71375LL+1.3CF	-2.2390	-2.2834	-2.1881	-2.1946	-2.3089	0.0000	0.0000	-2.3089
255	0	2.71375LL+1.3CF	0.9677	0.9065	0.9221	1.0289	1.0132	0.0000	0.0000	1.0289

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
255	1	2.71375LL+1.3CF	-2.2390	-2.2953	-2.4633	-2.1827	-2.0147	0.0000	0.0000	-2.4633
255	1	2.71375LL+1.3CF	0.9677	1.0823	1.0653	0.8431	0.8701	0.0000	0.0000	1.0823
256	0	2.71375LL+1.3CF	-2.4398	-3.5249	-2.5819	-1.3542	-2.3172	0.0000	0.0000	-3.5249
256	0	2.71375LL+1.3CF	5.4438	6.8399	5.0727	3.9477	5.9146	0.0000	0.0000	6.8399
256	1	2.71375LL+1.3CF	-2.4398	-1.9428	-1.5852	-2.9363	-3.2939	0.0000	0.0000	-3.2939
256	1	2.71375LL+1.3CF	5.4438	4.8250	4.5651	5.9629	6.3225	0.0000	0.0000	6.3225
258	0	2.71375LL+1.3CF	-2.4899	-2.4786	-2.6247	-2.5013	-2.3551	0.0000	0.0000	-2.6247
258	0	2.71375LL+1.3CF	1.1752	1.1608	1.1328	1.1887	1.2176	0.0000	0.0000	1.2176
258	1	2.71375LL+1.3CF	-2.4899	-2.7873	-2.2731	-2.1928	-2.7048	0.0000	0.0000	-2.7873
258	1	2.71375LL+1.3CF	1.1752	1.1346	1.3766	1.2156	0.9736	0.0000	0.0000	1.3766
259	0	2.71375LL+1.3CF	-2.7860	-3.5583	-3.1677	-2.0197	-2.4103	0.0000	0.0000	-3.5583
259	0	5.8663	6.8247	6.4745	5.1519	5.5021	0.0000	0.0000	6.8247	
259	1	2.71375LL+1.3CF	-2.7860	-1.4771	-2.9188	-4.1009	-2.6614	0.0000	0.0000	-4.1009
259	1	2.71375LL+1.3CF	5.8663	5.3366	7.1494	6.6378	4.8272	0.0000	0.0000	6.6378
260	0	2.71375LL+1.3CF	-1.8272	-1.2774	-1.5710	-3.4207	0.0000	0.0000	0.0000	-3.4207
260	0	3.8381	4.0010	2.8788	4.1850	5.0000	0.0000	0.0000	4.1850	
260	1	2.71375LL+1.3CF	-1.8272	-2.7305	-2.3741	-0.1890	0.0000	0.0000	0.0000	-2.7305
260	1	2.71375LL+1.3CF	3.8381	3.7290	3.8688	3.2296	0.0000	0.0000	0.0000	3.8688
261	0	2.71375LL+1.3CF	-4.2815	-6.0288	-4.3606	-2.4248	0.0000	0.0000	0.0000	-6.0288
261	0	2.71375LL+1.3CF	2.3281	3.5857	2.9696	0.1648	0.0000	0.0000	0.0000	3.5857
261	1	2.71375LL+1.3CF	-4.2815	-1.2779	-4.8467	-6.5052	0.0000	0.0000	0.0000	-6.5052
261	1	2.71375LL+1.3CF	2.3281	0.4205	1.8772	4.8582	0.0000	0.0000	0.0000	4.8582
262	0	2.71375LL+1.3CF	-0.2337	-0.5960	-0.5960	-0.0803	-0.0803	0.0000	0.0000	-0.5960
262	0	0.4044	0.6548	0.6548	0.3992	0.2992	0.0000	0.0000	0.6548	
262	1	2.71375LL+1.3CF	-0.2337	0.0548	0.0548	-0.3548	-0.3548	0.0000	0.0000	-0.3548
262	1	2.71375LL+1.3CF	0.4044	0.4119	0.4119	0.4012	0.4012	0.0000	0.0000	0.4119
263	0	2.71375LL+1.3CF	-1.1608	-1.1015	-1.1015	-1.1857	-1.1857	0.0000	0.0000	-1.1857
263	0	1.1627	0.9852	0.9852	1.2319	1.2319	0.0000	0.0000	1.2319	
263	1	2.71375LL+1.3CF	-1.1608	-0.8446	-0.8446	-1.2837	-1.2837	0.0000	0.0000	-1.2837
263	1	1.1627	0.8750	0.8750	1.2836	1.2836	0.0000	0.0000	1.2836	
265	0	2.71375LL+1.3CF	-3.5828	-4.2367	-3.8497	-2.8285	-3.3155	0.0000	0.0000	-4.2367
265	0	1.7036	1.7807	1.8632	1.6265	1.5440	0.0000	0.0000	1.8632	
265	1	2.71375LL+1.3CF	-3.5828	-3.0341	-2.7500	-4.1411	-4.4152	0.0000	0.0000	-4.4152
265	1	2.71375LL+1.3CF	1.7036	1.6231	1.3997	1.7841	2.0075	0.0000	0.0000	2.0075

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
268	0	2.7137SLL+1.3CF	-3.3248	-3.1586	-4.7168	-3.4930	-1.9328	0.0000	0.0000	-4.7168
268	0	2.7137SLL+1.3CF	6.5630	5.1675	8.8313	7.9585	4.1947	0.0000	0.0000	8.8313
268	1	2.7137SLL+1.3CF	-3.3248	-2.8874	-1.8412	-3.7822	-4.7084	0.0000	0.0000	-4.7084
268	1	2.7137SLL+1.3CF	6.5630	6.0334	5.3297	7.0826	7.7983	0.0000	0.0000	7.7983
268	0	2.7137SLL+1.3CF	-6.3344	-6.0060	-7.7790	-4.6128	-4.8598	0.0000	0.0000	-8.0060
268	0	2.7137SLL+1.3CF	3.1697	3.3400	3.3732	2.8693	2.9662	0.0000	0.0000	3.3732
268	1	2.7137SLL+1.3CF	-6.3344	-4.5884	-5.1564	-6.1004	-7.5103	0.0000	0.0000	-8.1004
268	1	2.7137SLL+1.3CF	3.1697	3.3542	3.4342	2.9651	2.9051	0.0000	0.0000	3.4342
268	8	2.7137SLL+1.3CF	-3.8462	-5.2362	-4.3084	-2.4563	-3.3631	0.0000	0.0000	-5.2362
269	0	2.7137SLL+1.3CF	6.9410	7.7172	7.0131	6.1647	6.8888	0.0000	0.0000	7.7172
269	1	2.7137SLL+1.3CF	-3.8462	-3.7869	-1.8781	-3.8005	-5.7144	0.0000	0.0000	-5.7144
269	1	2.7137SLL+1.3CF	6.9410	7.7264	5.5720	6.1555	8.3100	0.0000	0.0000	8.3100
271	9	2.7137SLL+1.3CF	-6.5732	-7.5928	-8.6814	-5.1535	-4.0648	0.0000	0.0000	-8.6814
271	0	2.7137SLL+1.3CF	3.6821	3.0780	3.0972	4.3082	4.2871	0.0000	0.0000	4.3082
271	1	2.7137SLL+1.3CF	-6.3732	-4.1551	-5.3011	-6.5882	-7.4452	0.0000	0.0000	-8.5882
271	1	2.7137SLL+1.3CF	3.6821	4.8440	4.5709	2.7402	2.8134	0.0000	0.0000	4.8440
272	9	2.7137SLL+1.3CF	-4.3257	-5.8418	-4.1418	-2.7099	-4.5096	0.0000	0.0000	-5.8418
272	0	2.7137SLL+1.3CF	6.8045	7.5695	5.3960	6.2186	8.4130	0.0000	0.0000	8.4130
272	1	2.7137SLL+1.3CF	-4.3257	-3.8696	-2.8729	-4.7818	-5.6795	0.0000	0.0000	-5.6795
272	1	2.7137SLL+1.3CF	6.8045	7.4818	6.7663	6.3172	7.3426	0.0000	0.0000	7.4818
274	0	2.7137SLL+1.3CF	-6.1349	-6.3202	-6.3718	-3.8486	-3.8879	0.0000	0.0000	-6.3718
274	0	2.7137SLL+1.3CF	4.2018	3.2263	3.1548	5.1773	5.2462	0.0000	0.0000	5.2462
274	1	2.7137SLL+1.3CF	-6.1348	-5.9352	-2.4672	-6.7348	-8.8025	0.0000	0.0000	-8.8025
274	1	2.7137SLL+1.3CF	4.2018	5.2790	5.5653	3.1247	2.8364	0.0000	0.0000	5.5653
275	0	2.7137SLL+1.3CF	-4.7087	-5.6378	-4.7421	-3.7797	-4.8754	0.0000	0.0000	-5.6378
275	0	2.7137SLL+1.3CF	6.7596	6.7966	6.0718	6.7207	7.4475	0.0000	0.0000	7.4475
275	1	2.7137SLL+1.3CF	-4.7087	-5.3486	-5.3231	-6.0689	-4.0854	0.0000	0.0000	-6.0689
275	1	2.7137SLL+1.3CF	6.7596	4.6824	5.3643	6.8069	5.1350	0.0000	0.0000	6.8069
276	0	2.7137SLL+1.3CF	-2.0431	-3.1091	-2.5607	-0.2837	0.0000	0.0000	0.0000	-3.1091
276	0	2.7137SLL+1.3CF	3.1015	3.8890	1.8172	4.1487	0.0000	0.0000	0.0000	4.1487
276	1	2.7137SLL+1.3CF	-2.0431	-1.8116	-1.7682	-2.8541	0.0000	0.0000	0.0000	-2.8541
276	1	2.7137SLL+1.3CF	3.1015	2.0303	3.7404	3.3908	0.0000	0.0000	0.0000	3.7404
277	0	2.7137SLL+1.3CF	-3.8605	-6.1876	-2.1734	-4.2675	0.0000	0.0000	0.0000	-6.1876
277	0	2.7137SLL+1.3CF	2.4346	2.9119	2.2842	2.1648	0.0000	0.0000	0.0000	2.9119

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
277	1	2.7137SLL+1.3CF	-3.9605	0.4658	-7.7107	-3.2660	0.0000	0.0000	0.0000	-7.7107
277	1	2.7137SLL+1.3CF	2.4346	1.2154	2.3799	3.7306	0.0000	0.0000	0.0000	3.7306
278	0	2.7137SLL+1.3CF	-0.2929	1.8097	1.8097	-1.0922	-1.0922	0.0000	0.0000	1.8097
278	0	2.7137SLL+1.3CF	0.2896	-1.8255	-1.8253	1.1923	1.1923	0.0000	0.0000	-1.8253
278	1	2.7137SLL+1.3CF	-0.2929	-2.5733	-2.5733	0.8652	0.8652	0.0000	0.0000	-2.5733
278	1	2.7137SLL+1.3CF	0.2896	2.4413	2.4413	-0.9002	-0.9002	0.0000	0.0000	2.4413
279	0	2.7137SLL+1.3CF	-1.2509	-1.5081	-1.5081	-1.1441	-1.1441	0.0000	0.0000	-1.5081
279	0	2.7137SLL+1.3CF	1.3410	1.3084	1.3084	1.3542	1.3542	0.0000	0.0000	1.3542
279	1	2.7137SLL+1.3CF	-1.2509	-0.5185	-0.5185	-1.5581	-1.5581	0.0000	0.0000	-1.5581
279	1	2.7137SLL+1.3CF	1.3410	0.8199	0.8199	1.5599	1.5599	0.0000	0.0000	1.5599
281	0	2.7137SLL+1.3CF	-9.0659	-10.5630	-7.3190	-1.5689	-4.8129	0.0000	0.0000	-10.5630
281	0	2.7137SLL+1.3CF	4.4739	3.0597	3.3618	5.8660	5.5659	0.0000	0.0000	5.8660
281	1	2.7137SLL+1.3CF	-9.0659	-2.2454	-3.8958	-8.8865	-8.2361	0.0000	0.0000	-8.8865
281	1	2.7137SLL+1.3CF	4.4739	5.8363	6.1554	3.1174	2.7923	0.0000	0.0000	6.1554
282	0	2.7137SLL+1.3CF	-5.2144	-4.3612	-6.3833	-6.0478	-4.0454	0.0000	0.0000	-6.3833
282	0	2.7137SLL+1.3CF	8.0968	4.0590	7.9376	8.1345	4.2960	0.0000	0.0000	8.1345
282	1	2.7137SLL+1.3CF	-5.2144	-5.2343	-3.8916	-5.1945	-6.5372	0.0000	0.0000	-6.5372
282	1	2.7137SLL+1.3CF	8.0968	6.6371	6.4484	5.5568	5.7452	0.0000	0.0000	6.6371
284	0	2.7137SLL+1.3CF	-5.2533	-8.0369	-9.8202	-2.4681	-0.6646	0.0000	0.0000	-9.8202
284	0	2.7137SLL+1.3CF	4.8263	3.2315	3.5065	6.8211	6.3461	0.0000	0.0000	6.8211
284	1	2.7137SLL+1.3CF	-5.2533	0.2473	-3.3537	-10.7540	-7.1529	0.0000	0.0000	-10.7540
284	1	2.7137SLL+1.3CF	4.8263	6.3087	6.9058	3.3439	2.9468	0.0000	0.0000	6.9058
285	0	2.7137SLL+1.3CF	-5.6065	-6.9371	-5.8289	-4.2759	-5.3630	0.0000	0.0000	-6.9371
285	0	2.7137SLL+1.3CF	5.4706	4.2535	4.1477	6.6877	6.7935	0.0000	0.0000	6.7935
285	1	2.7137SLL+1.3CF	-5.6065	-5.7540	-3.9425	-5.4990	-7.8504	0.0000	0.0000	-7.8504
285	1	2.7137SLL+1.3CF	5.4706	7.3882	5.7534	3.9520	5.1879	0.0000	0.0000	7.3882
287	0	2.7137SLL+1.3CF	-4.4262	-6.9643	-9.7169	-1.8881	0.8645	0.0000	0.0000	-9.7169
287	0	2.7137SLL+1.3CF	5.3593	3.5039	3.8627	7.2127	6.8238	0.0000	0.0000	7.2127
287	1	2.7137SLL+1.3CF	-4.4262	0.3208	-1.3796	-9.1732	-7.4729	0.0000	0.0000	-9.1732
287	1	2.7137SLL+1.3CF	5.3593	7.2543	7.1198	3.4622	3.5975	0.0000	0.0000	7.2543
288	9	2.7137SLL+1.3CF	-6.0265	-7.8842	-5.8605	-4.1918	-6.3755	0.0000	0.0000	-7.8842
288	0	2.7137SLL+1.3CF	4.7096	3.8101	2.2028	5.8095	7.2171	0.0000	0.0000	7.2171
288	1	2.7137SLL+1.3CF	-6.0265	-5.4265	-4.9565	-6.6295	-7.3995	0.0000	0.0000	-7.3995
286	1	2.7137SLL+1.3CF	4.7096	6.8580	6.0424	2.9617	3.3773	0.0000	0.0000	6.8580

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
290	0	2.7137SLL+1.3CF	-3.5316	-7.1566	-7.8374	0.0833	0.8741	0.0000	0.0000	-7.9374
290	0	2.7137SLL+1.3CF	5.8313	4.4422	4.3038	7.2203	7.3587	0.0000	0.0000	7.3587
290	1	2.7137SLL+1.3CF	-3.5316	-2.2241	3.1423	-4.8391	-10.2056	0.0000	0.0000	-10.2056
290	1	2.7137SLL+1.3CF	5.8313	7.3668	7.3512	4.2937	4.3113	0.0000	0.0000	7.3668
291	0	2.7137SLL+1.3CF	-6.4228	-7.3710	-6.4521	-5.4742	-6.3932	0.0000	0.0000	-7.3710
291	0	2.7137SLL+1.3CF	5.8795	3.1474	2.8822	4.8115	5.3667	0.0000	0.0000	5.3667
291	1	2.7137SLL+1.3CF	-6.4228	-4.3694	-7.8395	-5.4758	-6.2057	0.0000	0.0000	-8.4758
291	1	2.7137SLL+1.3CF	5.8795	3.1761	5.2584	4.7828	2.7005	0.0000	0.0000	5.2584
292	0	2.7137SLL+1.3CF	-2.1979	-5.2993	-4.5448	4.1433	0.0000	0.0000	0.0000	-5.2993
292	0	2.7137SLL+1.3CF	2.2448	2.6726	1.0234	3.3031	0.0000	0.0000	0.0000	3.3031
292	1	2.7137SLL+1.3CF	-2.1979	-0.4443	-0.7324	-5.9745	0.0000	0.0000	0.0000	-5.9745
292	1	2.7137SLL+1.3CF	2.2448	0.6953	3.0463	2.8654	0.0000	0.0000	0.0000	3.0463
293	0	2.7137SLL+1.3CF	-3.2216	-4.9804	-0.8182	-5.0563	0.0000	0.0000	0.0000	-5.0563
293	0	2.7137SLL+1.3CF	2.5266	2.2463	1.4145	4.5399	0.0000	0.0000	0.0000	4.5399
293	1	2.7137SLL+1.3CF	-3.2216	0.7204	-6.0954	-0.4363	0.0000	0.0000	0.0000	-6.0954
293	1	2.7137SLL+1.3CF	2.5266	1.4139	2.9086	3.1119	0.0000	0.0000	0.0000	3.1119
294	0	2.7137SLL+1.3CF	-0.3615	1.5394	1.5394	-1.1601	-1.1601	0.0000	0.0000	1.5394
294	0	2.7137SLL+1.3CF	0.1484	-1.1682	-1.1682	0.7019	0.7019	0.0000	0.0000	-1.1682
294	1	2.7137SLL+1.3CF	-0.3615	-2.4205	-2.4205	0.5035	0.5035	0.0000	0.0000	-2.4205
294	1	2.7137SLL+1.3CF	0.1484	1.5461	1.5461	-0.4368	-0.4368	0.0000	0.0000	1.5461
295	0	2.7137SLL+1.3CF	-1.0717	-0.1869	-0.1869	-1.4379	-1.4379	0.0000	0.0000	-1.4379
295	0	2.7137SLL+1.3CF	1.1625	1.0774	1.0774	1.2267	1.2267	0.0000	0.0000	1.2267
295	1	2.7137SLL+1.3CF	-1.0717	-2.3881	-2.3881	-0.5186	-0.5186	0.0000	0.0000	-2.3881
295	1	2.7137SLL+1.3CF	1.1625	0.8388	0.8388	1.3270	1.3270	0.0000	0.0000	1.3270
297	0	2.7137SLL+1.3CF	-3.0478	-10.4893	-4.8927	4.3841	-1.2026	0.0000	0.0000	-10.4893
297	0	2.7137SLL+1.3CF	6.1392	4.5173	5.1229	7.7610	7.1554	0.0000	0.0000	7.7610
297	1	2.7137SLL+1.3CF	-3.0478	2.5557	1.1373	-8.6509	-7.2325	0.0000	0.0000	-8.6509
297	1	2.7137SLL+1.3CF	6.1392	7.5117	7.8975	4.7667	4.5809	0.0000	0.0000	7.8975
298	0	2.7137SLL+1.3CF	-7.0047	-5.7633	-8.8636	-6.2481	-5.3457	0.0000	0.0000	-8.8636
298	0	2.7137SLL+1.3CF	2.8598	0.9778	3.3728	4.3418	1.9468	0.0000	0.0000	4.3418
298	1	2.7137SLL+1.3CF	-7.0047	-8.9589	-5.5408	-7.0504	-8.8685	0.0000	0.0000	-8.8685
298	1	2.7137SLL+1.3CF	2.8598	3.7207	4.2651	1.5890	1.0545	0.0000	0.0000	4.2651
300	0	2.7137SLL+1.3CF	-1.6762	-3.7380	-3.4665	0.3656	0.1160	0.0000	0.0000	-3.7380
300	0	2.7137SLL+1.3CF	6.8501	5.5967	5.4023	8.1036	8.2979	0.0000	0.0000	8.2979

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
300	1	2.7137SLL+1.3CF	-1.6762	0.2554	0.4248	-0.6079	-0.7772	0.0000	0.0000	-0.7772
300	1	2.7137SLL+1.3CF	6.8501	8.4118	8.0581	5.2865	5.6421	0.0000	0.0000	8.4118
301	0	2.7137SLL+1.3CF	-7.5783	-9.7290	-7.8702	-5.4277	-7.2966	0.0000	0.0000	-9.7290
301	0	2.7137SLL+1.3CF	1.7906	0.7770	1.0121	2.9041	2.5890	0.0000	0.0000	2.9041
301	1	2.7137SLL+1.3CF	-7.5783	-7.5888	-4.4089	-7.5881	-10.7481	0.0000	0.0000	-10.7481
301	1	2.7137SLL+1.3CF	1.7906	3.0408	2.5882	0.5404	0.8830	0.0000	0.0000	3.0408
303	0	2.7137SLL+1.3CF	-1.2211	-2.3618	-2.2833	-0.0805	-0.1589	0.0000	0.0000	-2.3618
303	0	2.7137SLL+1.3CF	7.5804	7.1318	6.7763	8.0290	8.3645	0.0000	0.0000	8.3645
303	1	2.7137SLL+1.3CF	-1.2211	-0.0766	-0.0568	-2.3657	-2.3654	0.0000	0.0000	-2.3654
303	1	2.7137SLL+1.3CF	7.5804	8.2523	7.8804	6.9085	7.2703	0.0000	0.0000	8.2523
304	0	2.7137SLL+1.3CF	-8.2949	-10.8839	-7.6986	-5.7080	-8.8803	0.0000	0.0000	-10.8839
304	0	2.7137SLL+1.3CF	1.3485	1.2359	0.7910	1.4612	1.9061	0.0000	0.0000	1.9061
304	1	2.7137SLL+1.3CF	-8.2949	-7.7637	-8.6085	-8.8262	-9.9804	0.0000	0.0000	-9.9804
304	1	2.7137SLL+1.3CF	1.3485	1.9099	1.7108	0.7672	0.9865	0.0000	0.0000	1.9099
306	0	2.7137SLL+1.3CF	-1.3656	-1.5875	-1.4658	-1.1336	-1.2652	0.0000	0.0000	-1.5875
306	0	2.7137SLL+1.3CF	8.7983	10.3739	10.0139	7.2028	7.5628	0.0000	0.0000	10.3739
306	1	2.7137SLL+1.3CF	-1.3656	-0.9966	-1.2649	-1.7346	-1.4662	0.0000	0.0000	-1.7346
306	1	2.7137SLL+1.3CF	8.7983	9.6940	7.7599	11.6625	9.7677	0.0000	0.0000	11.6625
307	0	2.7137SLL+1.3CF	-8.6605	-10.4478	-9.2906	-7.3131	-8.4053	0.0000	0.0000	-10.4478
307	0	2.7137SLL+1.3CF	1.3627	1.4864	1.5842	1.2570	1.2012	0.0000	0.0000	1.5842
307	1	2.7137SLL+1.3CF	-8.6605	-9.2793	-9.7973	-12.4816	-7.9637	0.0000	0.0000	-12.4816
307	1	2.7137SLL+1.3CF	1.3627	0.6848	1.8698	2.0808	1.0956	0.0000	0.0000	2.0808
308	0	2.7137SLL+1.3CF	-3.7364	-5.0503	-3.9383	-2.1540	0.0000	0.0000	0.0000	-5.0503
308	0	2.7137SLL+1.3CF	0.9450	1.4654	0.7057	0.7548	0.0000	0.0000	0.0000	1.4654
308	1	2.7137SLL+1.3CF	-3.7364	-3.2239	-2.9125	-5.3962	0.0000	0.0000	0.0000	-5.3962
308	1	2.7137SLL+1.3CF	0.9450	0.5641	1.0189	1.2038	0.0000	0.0000	0.0000	1.2038
309	0	LINEAcroPLATES/	-2.8765	-4.8369	-1.9901	-2.1365	0.0000	0.0000	0.0000	-4.8369
309	0	2.7137SLL+1.3CF	0.9039	-0.7367	-1.5976	5.9670	0.0000	0.0000	0.0000	5.9670
309	1	LINEAcroPLATES/	-2.8765	3.0375	-4.5168	-6.5234	0.0000	0.0000	0.0000	-6.5234
309	1	2.7137SLL+1.3CF	0.9039	0.2101	2.5348	-0.6537	0.0000	0.0000	0.0000	2.5348
310	0	2.7137SLL+1.3CF	-0.2481	-0.2900	-0.2900	-0.2304	-0.2304	0.0000	0.0000	-0.2900
310	0	LINEAcroPLATES/	0.4295	0.5422	0.5422	0.3621	0.3621	0.0000	0.0000	0.5422
310	1	2.7137SLL+1.3CF	-0.2481	-0.2586	-0.2586	-0.2436	-0.2436	0.0000	0.0000	-0.2586
310	1	LINEAcroPLATES/	0.4295	1.0110	1.0110	0.1852	0.1852	0.0000	0.0000	1.0110

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ASG Total Stress (kips/in²)
311	0	2.7137SLL+1.3CF	-0.2048	-0.5400	-0.5400	-0.0640	-0.0640	0.0000	0.0000	-0.5400
311	0	2.7137SLL+1.3CF	0.7361	0.5955	0.5955	0.7980	0.7980	0.0000	0.0000	0.7980
311	I	2.7137SLL+1.3CF	-0.2048	0.1972	0.1972	-0.3737	-0.3737	0.0000	0.0000	-0.3737
311	I	2.7137SLL+1.3CF	0.7361	0.9610	0.9610	0.7705	0.7705	0.0000	0.0000	0.7705
313	0	2.7137SLL+1.3CF	-1.3153	-1.7236	-1.8662	-0.9070	-0.8704	0.0000	0.0000	-1.8662
313	0	2.7137SLL+1.3CF	8.4439	11.8462	13.5814	5.3418	3.3085	0.0000	0.0000	13.5814
313	I	2.7137SLL+1.3CF	-1.3153	-0.7863	-0.6283	-1.8643	-2.0023	0.0000	0.0000	-2.0023
313	I	2.7137SLL+1.3CF	8.4439	3.8456	3.2218	13.0422	13.8880	0.0000	0.0000	13.8880
314	0	2.7137SLL+1.3CF	-7.8746	-4.0806	-8.0546	-11.8587	-7.8945	0.0000	0.0000	-11.8587
314	0	2.7137SLL+1.3CF	1.2890	0.7194	1.3582	1.8586	1.2188	0.0000	0.0000	1.8586
314	I	2.7137SLL+1.3CF	-7.8746	-10.9729	-10.4531	-4.9762	-5.4961	0.0000	0.0000	-10.9729
314	I	2.7137SLL+1.3CF	1.2890	1.7012	1.5811	0.6788	1.0268	0.0000	0.0000	1.7012
316	0	2.7137SLL+1.3CF	-0.9405	-1.0988	-1.0409	-0.7822	-0.8401	0.0000	0.0000	-1.0988
316	0	2.7137SLL+1.3CF	5.7072	12.0005	11.4822	-0.5862	-0.0678	0.0000	0.0000	12.0005
316	I	2.7137SLL+1.3CF	-0.9405	-0.7773	-0.7179	-1.1038	-1.1630	0.0000	0.0000	-1.1630
316	I	2.7137SLL+1.3CF	5.7072	-0.3175	-0.0591	11.7318	12.0738	0.0000	0.0000	12.0738
317	0	2.7137SLL+1.3CF	-6.1905	-2.7477	-2.1766	-9.8234	-10.2048	0.0000	0.0000	-10.2048
317	0	2.7137SLL+1.3CF	1.0892	1.7031	1.3685	0.4753	0.9099	0.0000	0.0000	1.7031
317	I	2.7137SLL+1.3CF	-6.1905	-10.7832	-9.8379	-1.8179	-3.5432	0.0000	0.0000	-10.7832
317	I	2.7137SLL+1.3CF	1.0892	1.0115	0.5081	1.1699	1.6722	0.0000	0.0000	1.6722
319	0	2.7137SLL+1.3CF	-1.2212	0.5441	0.4818	-2.7865	-2.9242	0.0000	0.0000	-2.9242
319	0	2.7137SLL+1.3CF	4.3030	4.0349	3.9905	4.5711	4.6155	0.0000	0.0000	4.6155
319	I	2.7137SLL+1.3CF	-1.2212	-2.9108	-2.8311	0.4684	0.1887	0.0000	0.0000	-2.9108
319	I	2.7137SLL+1.3CF	4.3030	4.9184	4.3227	3.6875	4.2832	0.0000	0.0000	4.9184
320	0	2.7137SLL+1.3CF	-4.7903	-5.8971	-2.7910	-3.8935	-6.7897	0.0000	0.0000	-6.7897
320	0	2.7137SLL+1.3CF	1.2911	2.5158	2.0318	0.0664	0.5504	0.0000	0.0000	2.5158
320	I	2.7137SLL+1.3CF	-4.7903	-5.3635	-4.8582	-4.2171	-4.7214	0.0000	0.0000	-5.3635
320	I	2.7137SLL+1.3CF	1.2911	0.3058	0.5455	2.2786	2.0367	0.0000	0.0000	2.2786
322	0	2.7137SLL+1.3CF	-2.1167	3.0662	1.1634	-7.3016	-5.3469	0.0000	0.0000	-7.3016
322	0	2.7137SLL+1.3CF	4.0107	3.9646	3.4036	4.0569	4.6179	0.0000	0.0000	4.6179
322	I	2.7137SLL+1.3CF	-2.1167	-6.6240	-3.5136	4.3808	-0.7197	0.0000	0.0000	-6.6240
322	I	2.7137SLL+1.3CF	4.0107	5.1640	3.8538	2.8575	4.3667	0.0000	0.0000	5.1640
323	0	2.7137SLL+1.3CF	-4.5795	-4.4362	-3.9656	-4.7208	-5.1934	0.0000	0.0000	-5.1934
323	0	2.7137SLL+1.3CF	1.7689	2.1961	2.3543	1.3437	0.9855	0.0000	0.0000	2.3543

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ASG Total Stress (kips/in²)
323	I	2.7137SLL+1.3CF	-4.5795	-2.8114	-6.8545	-6.2478	-2.3046	0.0000	0.0000	-6.8545
323	I	2.7137SLL+1.3CF	1.7689	0.7036	2.4848	2.8262	1.0551	0.0000	0.0000	2.8262
324	0	2.7137SLL+1.3CF	-2.1160	-4.5149	-3.8930	2.4597	0.0000	0.0000	0.0000	-4.5149
324	0	2.7137SLL+1.3CF	2.0713	4.4118	2.8247	-1.4470	0.0000	0.0000	0.0000	4.4118
324	I	2.7137SLL+1.3CF	-2.1160	2.1620	-0.2647	-6.8215	0.0000	0.0000	0.0000	-6.8215
324	I	2.7137SLL+1.3CF	2.0713	0.3620	2.0975	3.7245	0.0000	0.0000	0.0000	3.7245
325	0	2.7137SLL+1.3CF	-2.9486	-6.9667	-2.8273	0.9008	0.0000	0.0000	0.0000	-6.9667
325	0	2.7137SLL+1.3CF	2.3056	-0.4377	-1.2720	9.9670	0.0000	0.0000	0.0000	9.9670
325	I	2.7137SLL+1.3CF	-2.9486	5.6661	-2.9676	-11.5725	0.0000	0.0000	0.0000	-11.5725
325	I	2.7137SLL+1.3CF	2.3056	3.7102	5.3213	-3.2618	0.0000	0.0000	0.0000	5.3213
326	0	2.7137SLL+1.3CF	-0.3170	1.2662	1.2662	-0.9821	-0.9821	0.0000	0.0000	1.2662
326	0	2.7137SLL+1.3CF	0.1228	-1.2338	-1.2338	0.6827	0.6827	0.0000	0.0000	-1.2338
326	I	2.7137SLL+1.3CF	-0.3170	-1.7588	-1.7588	0.2686	0.2686	0.0000	0.0000	-1.7588
326	I	2.7137SLL+1.3CF	0.1228	1.5605	1.5605	-0.4813	-0.4813	0.0000	0.0000	1.5605
327	0	2.7137SLL+1.3CF	-0.8759	-0.1816	-0.1816	-1.1677	-1.1677	0.0000	0.0000	-1.1677
327	0	2.7137SLL+1.3CF	0.8129	0.4668	0.4668	0.9584	0.9584	0.0000	0.0000	0.9584
327	I	2.7137SLL+1.3CF	-0.8759	-1.9730	-1.9730	-0.4150	-0.4150	0.0000	0.0000	-1.9730
327	I	2.7137SLL+1.3CF	0.8129	1.0152	1.0152	0.7279	0.7279	0.0000	0.0000	1.0152
329	0	2.7137SLL+1.3CF	-2.8940	-0.1492	3.2248	-5.2368	-8.8127	0.0000	0.0000	-8.8127
329	0	2.7137SLL+1.3CF	3.8990	2.2167	4.9295	5.5013	2.7565	0.0000	0.0000	5.5013
329	I	2.7137SLL+1.3CF	-2.8940	-6.4975	-7.2359	1.1095	1.8479	0.0000	0.0000	-7.2359
329	I	2.7137SLL+1.3CF	3.8990	4.4645	4.0984	3.2535	3.6196	0.0000	0.0000	4.4645
330	0	2.7137SLL+1.3CF	-4.5020	-3.0377	-5.0521	-5.9662	-3.9519	0.0000	0.0000	-5.9662
330	0	2.7137SLL+1.3CF	3.0853	2.4701	4.1125	3.7004	2.2580	0.0000	0.0000	4.1125
330	I	2.7137SLL+1.3CF	-4.5020	-4.8154	-4.8810	-4.3885	-4.3130	0.0000	0.0000	-4.8810
330	I	2.7137SLL+1.3CF	3.0853	2.0590	1.7074	4.1116	4.4632	0.0000	0.0000	4.4632
332	0	2.7137SLL+1.3CF	-3.9513	1.2377	-0.4862	-8.1403	-7.4164	0.0000	0.0000	-8.1403
332	0	2.7137SLL+1.3CF	3.7629	3.5350	3.1668	3.9608	4.3591	0.0000	0.0000	4.3591
332	I	2.7137SLL+1.3CF	-3.9513	-7.2807	-8.7378	-0.5419	0.8350	0.0000	0.0000	-8.7378
332	I	2.7137SLL+1.3CF	3.7629	4.6359	3.8627	2.8698	3.5401	0.0000	0.0000	4.6359
333	0	2.7137SLL+1.3CF	-4.3635	-4.2980	-4.2106	-4.4969	-4.5583	0.0000	0.0000	-4.5583
333	0	2.7137SLL+1.3CF	4.0541	6.6966	6.0013	1.4115	2.1068	0.0000	0.0000	6.6966
333	I	2.7137SLL+1.3CF	-4.3635	-4.4122	-4.3231	-4.3547	-4.4448	0.0000	0.0000	-4.4448
333	I	2.7137SLL+1.3CF	4.0541	2.2760	1.1949	5.8321	6.9135	0.0000	0.0000	6.9135

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
335	0	2.7137SLL+1.3CF	-5.2987	-1.8104	-2.2812	-8.9870	-8.3162	0.0000	0.0000	-8.9870
335	0	2.7137SLL+1.3CF	3.6502	3.4325	2.7998	3.8679	4.5135	0.0000	0.0000	4.5135
335	1	2.7137SLL+1.3CF	-5.2987	-6.0163	-8.0181	-2.5811	-2.5813	0.0000	0.0000	-8.0163
335	1	2.7137SLL+1.3CF	3.6502	4.2173	4.5456	3.0831	2.7547	0.0000	0.0000	4.5456
336	0	2.7137SLL+1.3CF	-4.2820	-4.0495	-3.8612	-4.5148	-4.7029	0.0000	0.0000	-4.7029
336	0	2.7137SLL+1.3CF	5.2390	8.0905	6.8970	2.3878	3.7810	0.0000	0.0000	8.0905
336	1	2.7137SLL+1.3CF	-4.2820	-5.8412	-5.4803	-4.7228	-3.0637	0.0000	0.0000	-5.4803
336	1	2.7137SLL+1.3CF	5.2390	3.4570	3.8936	7.0210	6.7944	0.0000	0.0000	7.0210
338	0	2.7137SLL+1.3CF	-3.4634	-1.9856	-2.8510	-4.9413	-4.0759	0.0000	0.0000	-4.9413
338	0	2.7137SLL+1.3CF	2.0153	1.4685	1.7927	2.5622	2.2380	0.0000	0.0000	2.5622
338	1	2.7137SLL+1.3CF	-3.4634	-4.8783	-3.7170	-2.2466	-3.2099	0.0000	0.0000	-4.8783
338	1	2.7137SLL+1.3CF	2.0153	3.5299	1.0412	0.5007	2.8895	0.0000	0.0000	3.5299
339	0	2.7137SLL+1.3CF	-3.8957	-2.6300	-4.2583	-5.3614	-3.7331	0.0000	0.0000	-5.3614
339	0	2.7137SLL+1.3CF	5.8581	8.6828	6.7965	5.2234	5.1187	0.0000	0.0000	8.7965
339	1	2.7137SLL+1.3CF	-3.8957	-1.6254	-4.9388	-6.3960	-1.0526	0.0000	0.0000	-6.9388
339	1	2.7137SLL+1.3CF	5.8581	3.1414	7.1087	8.7748	4.8065	0.0000	0.0000	8.7748
340	0	2.7137SLL+1.3CF	-1.9501	-4.7549	-4.1865	3.9415	0.0000	0.0000	0.0000	-4.7549
340	0	2.7137SLL+1.3CF	3.4227	3.6113	2.6678	4.2760	0.0000	0.0000	0.0000	4.2760
340	1	2.7137SLL+1.3CF	-1.9501	0.0347	-0.0283	-6.5881	0.0000	0.0000	0.0000	-6.5881
340	1	2.7137SLL+1.3CF	3.4227	3.6570	3.8214	2.8380	0.0000	0.0000	0.0000	3.8214
341	0	2.7137SLL+1.3CF	-4.0250	-6.8827	-4.3255	-1.7525	0.0000	0.0000	0.0000	-6.8827
341	0	2.7137SLL+1.3CF	2.2427	-0.0806	-0.8035	8.7710	0.0000	0.0000	0.0000	8.7710
341	1	2.7137SLL+1.3CF	-4.0250	-1.0413	-4.3644	-6.5402	0.0000	0.0000	0.0000	-6.5402
341	1	2.7137SLL+1.3CF	2.2427	3.8022	5.4436	-3.7348	0.0000	0.0000	0.0000	5.4436
342	0	2.7137SLL+1.3CF	-0.1754	-0.2252	-0.2252	-0.1545	-0.1545	0.0000	0.0000	-0.2252
342	0	2.7137SLL+1.3CF	0.3101	0.3612	0.3612	0.2886	0.2886	0.0000	0.0000	0.3612
342	1	2.7137SLL+1.3CF	-0.1754	-0.2604	-0.2604	-0.1397	-0.1397	0.0000	0.0000	-0.2604
343	1	2.7137SLL+1.3CF	0.3101	0.5625	0.5625	0.1956	0.1956	0.0000	0.0000	0.5625
343	0	2.7137SLL+1.3CF	-1.3013	-0.8186	-0.8186	-1.5037	-1.5037	0.0000	0.0000	-1.5037
343	0	2.7137SLL+1.3CF	0.8992	0.7182	0.7182	1.1172	1.1172	0.0000	0.0000	1.1172
343	1	2.7137SLL+1.3CF	-1.3013	-1.4437	-1.4437	-1.2415	-1.2415	0.0000	0.0000	-1.4437
343	1	2.7137SLL+1.3CF	0.8992	0.9178	0.9178	1.0334	1.0334	0.0000	0.0000	1.0334
345	0	2.7137SLL+1.3CF	-2.6518	-2.8256	-2.3417	-2.8760	-2.9619	0.0000	0.0000	-2.9619
345	0	2.7137SLL+1.3CF	1.5289	0.9273	2.1559	2.1306	0.9019	0.0000	0.0000	2.1559

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
345	1	2.7137SLL+1.3CF	-2.6518	-2.9112	-3.0141	-2.3924	-2.2695	0.0000	0.0000	-3.0141
345	1	2.7137SLL+1.3CF	1.5289	1.8898	1.3049	1.1981	1.7533	0.0000	0.0000	1.8898
346	0	2.7137SLL+1.3CF	-3.7549	-2.0114	-5.0690	-5.4984	-2.4409	0.0000	0.0000	-5.4984
346	0	2.7137SLL+1.3CF	6.8440	5.5605	9.2915	7.7275	3.9864	0.0000	0.0000	9.2915
346	1	2.7137SLL+1.3CF	-3.7549	-3.2383	-4.4283	-4.2716	-3.0916	0.0000	0.0000	-4.4283
346	1	2.7137SLL+1.3CF	6.8440	5.8521	4.9439	7.4359	8.3444	0.0000	0.0000	8.3444
348	0	2.7137SLL+1.3CF	-2.8042	-2.8138	-2.8868	-2.8645	-2.8368	0.0000	0.0000	-2.8945
348	0	2.7137SLL+1.3CF	1.4625	1.7999	1.2138	1.1251	1.7112	0.0000	0.0000	1.7999
348	1	2.7137SLL+1.3CF	-2.8042	-3.2104	-3.1024	-2.5979	-2.7059	0.0000	0.0000	-3.2104
348	1	2.7137SLL+1.3CF	1.4625	1.7469	1.2853	1.1752	1.8598	0.0000	0.0000	1.7469
349	0	2.7137SLL+1.3CF	-3.8954	-3.0272	-4.1068	-4.3636	-3.3842	0.0000	0.0000	-4.3636
349	0	2.7137SLL+1.3CF	7.3730	8.0448	8.1445	5.7011	6.6015	0.0000	0.0000	8.0448
349	1	2.7137SLL+1.3CF	-3.8954	-3.2772	-4.2330	-4.1137	-3.1879	0.0000	0.0000	-4.2330
349	1	2.7137SLL+1.3CF	7.3730	7.2122	4.8577	7.5338	8.7882	0.0000	0.0000	8.7882
351	0	2.7137SLL+1.3CF	-3.2088	-3.1747	-3.0968	-3.2391	-3.3140	0.0000	0.0000	-3.3140
351	0	2.7137SLL+1.3CF	1.4497	1.7408	1.2517	1.1588	1.8477	0.0000	0.0000	1.7408
351	1	2.7137SLL+1.3CF	-3.2088	-3.4679	-3.4907	-2.9459	-2.9231	0.0000	0.0000	-3.4907
351	1	2.7137SLL+1.3CF	1.4497	1.8362	1.3328	1.2835	1.5866	0.0000	0.0000	1.8362
352	0	2.7137SLL+1.3CF	-3.8839	-3.0479	-3.9642	-4.2802	-3.3436	0.0000	0.0000	-4.2802
352	0	2.7137SLL+1.3CF	8.1840	10.3840	7.9075	5.9440	6.4203	0.0000	0.0000	10.3840
352	1	2.7137SLL+1.3CF	-3.8839	-2.4681	-4.9824	-4.8597	-2.3454	0.0000	0.0000	-4.9824
352	1	2.7137SLL+1.3CF	8.1840	7.1400	8.9363	9.1561	9.3898	0.0000	0.0000	9.3898
354	0	2.7137SLL+1.3CF	-3.4664	-3.4851	-3.4538	-3.4537	-3.4850	0.0000	0.0000	-3.4851
354	0	2.7137SLL+1.3CF	1.3919	1.5469	1.2036	1.2350	1.4902	0.0000	0.0000	1.5469
354	1	2.7137SLL+1.3CF	-3.4664	-3.6672	-3.6352	-3.2318	-3.3036	0.0000	0.0000	-3.6672
354	1	2.7137SLL+1.3CF	1.3919	2.4351	0.4584	0.3488	2.3255	0.0000	0.0000	2.4351
355	0	2.7137SLL+1.3CF	-3.8190	-2.1992	-4.7139	-5.0369	-2.5242	0.0000	0.0000	-5.0369
355	0	2.7137SLL+1.3CF	8.8353	9.7641	8.5092	7.9065	8.1614	0.0000	0.0000	9.7641
355	1	2.7137SLL+1.3CF	-3.8190	-0.7434	-6.5909	-6.4947	-0.6472	0.0000	0.0000	-6.5909
355	1	2.7137SLL+1.3CF	8.8353	5.0142	11.0104	12.6584	6.9602	0.0000	0.0000	12.6584
356	0	2.7137SLL+1.3CF	-1.4577	-1.6836	-1.5256	-1.1361	0.0000	0.0000	0.0000	-1.6836
356	0	2.7137SLL+1.3CF	3.8254	2.8671	2.5659	6.4621	0.0000	0.0000	0.0000	6.4621
356	1	2.7137SLL+1.3CF	-1.4577	-1.5556	-1.2391	-1.6337	0.0000	0.0000	0.0000	-1.6337
356	1	2.7137SLL+1.3CF	3.8254	5.0669	4.5879	1.3298	0.0000	0.0000	0.0000	5.0669

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
357	0	2.7137SLL+1.3CF	-4.6809	-7.2857	-5.8041	-0.5455	0.0000	0.0000	0.0000	-7.2857
357	0	2.7137SLL+1.3CF	1.8861	1.9222	1.3992	1.9800	0.0000	0.0000	0.0000	1.9800
357	1	2.7137SLL+1.3CF	-4.6809	-1.1518	-4.1564	-6.9337	0.0000	0.0000	0.0000	-6.9337
357	1	2.7137SLL+1.3CF	1.8861	1.2117	2.0626	1.6334	0.0000	0.0000	0.0000	2.0626
358	0	2.7137SLL+1.3CF	-0.3220	-0.6181	-0.6181	-0.1975	0.0000	0.0000	0.0000	-0.6181
358	0	2.7137SLL+1.3CF	0.4602	0.5089	0.5089	0.4632	0.0000	0.0000	0.0000	0.5089
358	1	2.7137SLL+1.3CF	-0.3220	-0.0727	-0.0727	-0.4267	0.0000	0.0000	0.0000	-0.4267
358	1	2.7137SLL+1.3CF	0.4602	0.5531	0.5531	0.4638	0.0000	0.0000	0.0000	0.5531
359	0	2.7137SLL+1.3CF	-1.8189	-1.8719	-1.8719	-1.5966	0.0000	0.0000	0.0000	-1.8719
359	0	2.7137SLL+1.3CF	1.0300	1.1784	1.1784	0.9679	0.0000	0.0000	0.0000	1.1784
359	1	2.7137SLL+1.3CF	-1.8189	-1.0105	-1.0105	-1.8745	0.0000	0.0000	0.0000	-1.8745
359	1	2.7137SLL+1.3CF	1.0300	0.3749	0.3749	1.3052	1.3052	0.0000	0.0000	1.3052
361	0	2.7137SLL+1.3CF	-3.6792	-3.6983	-3.7218	-3.6602	-3.6369	0.0000	0.0000	-3.7218
361	0	2.7137SLL+1.3CF	1.3951	1.3118	1.3918	1.4785	1.1983	0.0000	0.0000	1.3918
361	1	2.7137SLL+1.3CF	-3.6792	-3.6705	-3.6435	-3.4880	-3.5149	0.0000	0.0000	-3.6705
361	1	2.7137SLL+1.3CF	1.3951	1.7300	1.1083	1.0601	1.6818	0.0000	0.0000	1.7300
362	0	2.7137SLL+1.3CF	-3.5709	-1.3393	-5.6183	-5.8039	-1.5239	0.0000	0.0000	-5.8039
362	0	2.7137SLL+1.3CF	9.4251	7.0351	12.5708	11.8151	6.2793	0.0000	0.0000	12.5708
362	1	2.7137SLL+1.3CF	-3.5709	-2.8000	-4.5901	-4.5418	-2.5517	0.0000	0.0000	-4.5901
362	1	2.7137SLL+1.3CF	9.4251	9.5375	7.8471	9.3127	10.9030	0.0000	0.0000	10.9030
364	0	2.7137SLL+1.3CF	-3.8376	-3.9142	-3.8877	-3.7911	-3.7876	0.0000	0.0000	-3.9142
364	0	2.7137SLL+1.3CF	1.3815	1.7544	1.0995	1.0086	1.6635	0.0000	0.0000	1.7544
364	1	2.7137SLL+1.3CF	-3.8376	-4.0559	-3.9330	-3.6194	-3.7423	0.0000	0.0000	-4.0559
364	1	2.7137SLL+1.3CF	1.3815	1.7259	1.1000	1.0371	1.6630	0.0000	0.0000	1.7259
365	0	2.7137SLL+1.3CF	-3.4706	-2.3966	-4.2353	-4.5424	-2.7059	0.0000	0.0000	-4.5424
365	0	2.7137SLL+1.3CF	9.6977	10.8402	9.3044	8.5551	10.0609	0.0000	0.0000	10.8402
365	1	2.7137SLL+1.3CF	-3.4706	-2.9004	-4.1677	-4.0407	-2.7735	0.0000	0.0000	-4.1677
365	1	2.7137SLL+1.3CF	9.6977	11.1148	7.0313	8.3805	12.3640	0.0000	0.0000	12.3640
367	0	2.7137SLL+1.3CF	-3.8452	-4.0442	-3.8141	-3.8463	-3.9794	0.0000	0.0000	-4.0442
367	0	2.7137SLL+1.3CF	1.3556	1.7255	1.0991	0.9857	1.6151	0.0000	0.0000	1.7255
367	1	2.7137SLL+1.3CF	-3.8452	-4.1345	-4.1473	-3.7560	-3.7432	0.0000	0.0000	-4.1473
367	1	2.7137SLL+1.3CF	1.3556	1.6255	1.1262	1.0857	1.5850	0.0000	0.0000	1.6255
368	0	2.7137SLL+1.3CF	-3.3786	-2.8851	-3.8267	-4.0921	-2.9278	0.0000	0.0000	-4.0921
368	0	2.7137SLL+1.3CF	10.1129	12.6409	8.2991	7.3850	11.9598	0.0000	0.0000	12.6409

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
368	1	2.7137SLL+1.3CF	-3.3786	-2.3254	-4.5243	-4.4319	-2.2329	0.0000	0.0000	-4.5243
368	1	2.7137SLL+1.3CF	10.1129	10.7362	8.4424	9.4907	11.7830	0.0000	0.0000	11.7830
370	0	2.7137SLL+1.3CF	-4.0734	-4.1577	-4.1400	-3.9881	-4.0048	0.0000	0.0000	-4.1577
370	0	2.7137SLL+1.3CF	1.3231	1.5807	1.1314	1.0554	1.5147	0.0000	0.0000	1.5807
370	1	2.7137SLL+1.3CF	-4.0734	-4.2108	-4.2283	-3.8359	-3.9189	0.0000	0.0000	-4.2283
370	1	2.7137SLL+1.3CF	1.3231	1.9553	0.7714	0.8909	1.6748	0.0000	0.0000	1.9553
371	0	2.7137SLL+1.3CF	-3.3969	-2.0849	-4.4109	-4.7129	-2.3869	0.0000	0.0000	-4.7129
371	0	2.7137SLL+1.3CF	10.3021	11.7922	9.3398	8.8120	11.2643	0.0000	0.0000	11.7922
371	1	2.7137SLL+1.3CF	-3.3969	-0.8403	-5.8311	-5.8344	-0.8667	0.0000	0.0000	-5.8311
371	1	2.7137SLL+1.3CF	10.3021	7.7223	12.8418	13.8819	8.8823	0.0000	0.0000	12.8819
372	0	2.7137SLL+1.3CF	-1.1620	-1.4118	-1.3017	-0.7198	0.0000	0.0000	0.0000	-1.4118
372	0	2.7137SLL+1.3CF	3.4383	3.5425	3.2863	3.5441	0.0000	0.0000	0.0000	3.5441
372	1	2.7137SLL+1.3CF	-1.1620	-1.3018	-0.8715	-1.3855	0.0000	0.0000	0.0000	-1.3855
372	1	2.7137SLL+1.3CF	3.4383	3.7777	3.2819	3.3148	0.0000	0.0000	0.0000	3.7777
373	0	2.7137SLL+1.3CF	-4.5263	-5.8161	-4.3174	-3.8249	0.0000	0.0000	0.0000	-5.8161
373	0	2.7137SLL+1.3CF	1.3314	1.3721	1.0015	1.7462	0.0000	0.0000	0.0000	1.7462
373	1	2.7137SLL+1.3CF	-4.5263	-2.0952	-5.1648	-5.0760	0.0000	0.0000	0.0000	-5.0760
373	1	2.7137SLL+1.3CF	1.3314	1.0191	1.7645	1.0460	0.0000	0.0000	0.0000	1.7645
374	0	2.7137SLL+1.3CF	-0.3109	-0.6225	-0.6225	-0.1788	-0.1788	0.0000	0.0000	-0.6225
374	0	2.7137SLL+1.3CF	0.5162	0.5361	0.5361	0.5107	0.5107	0.0000	0.0000	0.5361
374	1	2.7137SLL+1.3CF	-0.3109	-0.0611	-0.0611	-0.4158	-0.4158	0.0000	0.0000	-0.4158
374	1	2.7137SLL+1.3CF	0.5162	0.5328	0.5328	0.5121	0.5121	0.0000	0.0000	0.5328
375	0	2.7137SLL+1.3CF	-1.5827	-1.5825	-1.5825	-1.5912	-1.5912	0.0000	0.0000	-1.5912
375	0	2.7137SLL+1.3CF	0.9100	1.0571	1.0571	0.8462	0.8462	0.0000	0.0000	1.0571
375	1	2.7137SLL+1.3CF	-1.5827	-1.0724	-1.0724	-1.7971	-1.7971	0.0000	0.0000	-1.7971
375	1	2.7137SLL+1.3CF	0.9100	0.3177	0.3177	1.1589	1.1589	0.0000	0.0000	1.1589
377	0	2.7137SLL+1.3CF	-4.1290	-4.1639	-4.2567	-4.0941	-3.9682	0.0000	0.0000	-4.2567
377	0	2.7137SLL+1.3CF	1.3041	1.7799	0.9537	0.8312	1.6544	0.0000	0.0000	1.7799
377	1	2.7137SLL+1.3CF	-4.1290	-4.2818	-4.2518	-3.9784	-4.0064	0.0000	0.0000	-4.2818
377	1	2.7137SLL+1.3CF	1.3041	1.5957	1.0434	1.0124	1.5947	0.0000	0.0000	1.5957
378	0	2.7137SLL+1.3CF	-3.3352	-0.9909	-5.4868	-5.6794	-1.1838	0.0000	0.0000	-5.6794
378	0	2.7137SLL+1.3CF	10.5360	8.4464	12.8329	12.8227	8.4362	0.0000	0.0000	12.8329
378	1	2.7137SLL+1.3CF	-3.3352	-1.8219	-4.8188	-4.7484	-1.8538	0.0000	0.0000	-4.8188
378	1	2.7137SLL+1.3CF	10.5360	10.4811	8.9165	10.4110	11.1556	0.0000	0.0000	11.1556

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
350	0	2.71375LL+1.3CF	-4.1179	-4.2532	-4.2041	-3.9827	-4.0318	0.0000	0.0000	-4.2532
350	0	2.71375LL+1.3CF	1.3059	1.6420	1.0680	0.9698	1.5404	0.0000	0.0000	1.6420
350	1	2.71375LL+1.3CF	-4.1179	-4.2407	-4.2368	-3.9952	-3.9991	0.0000	0.0000	-4.2407
350	1	2.71375LL+1.3CF	1.3059	1.6292	1.0208	0.9827	1.5811	0.0000	0.0000	1.6292
351	0	2.71375LL+1.3CF	-3.2846	-1.7159	-4.5868	-4.8534	-1.9827	0.0000	0.0000	-4.8534
351	0	2.71375LL+1.3CF	10.5772	10.9869	10.3952	10.1655	10.7593	0.0000	0.0000	10.9686
351	1	2.71375LL+1.3CF	-3.2846	-1.8217	-4.7247	-4.8475	-1.8445	0.0000	0.0000	-4.7247
351	1	2.71375LL+1.3CF	10.5772	10.8124	10.1548	10.5420	10.8896	0.0000	0.0000	10.8896
353	0	2.71375LL+1.3CF	-4.1353	-4.3112	-4.2421	-3.9584	-4.0288	0.0000	0.0000	-4.3112
353	0	2.71375LL+1.3CF	1.2959	1.6052	1.0186	0.9667	1.5733	0.0000	0.0000	1.6052
353	1	2.71375LL+1.3CF	-4.1353	-4.1406	-4.2922	-4.1301	-3.9784	0.0000	0.0000	-4.2922
353	1	2.71375LL+1.3CF	1.2959	1.6573	1.0546	0.9346	1.5373	0.0000	0.0000	1.6573
364	0	2.71375LL+1.3CF	-3.3621	-1.9878	-4.8593	-4.7764	-1.9049	0.0000	0.0000	-4.8593
364	0	2.71375LL+1.3CF	10.5475	10.4899	9.9187	10.6047	11.1759	0.0000	0.0000	11.1759
364	1	2.71375LL+1.3CF	-3.3621	-1.0082	-5.5555	-5.7559	-1.2088	0.0000	0.0000	-5.7559
364	1	2.71375LL+1.3CF	10.5475	8.2948	12.8690	12.7698	8.2057	0.0000	0.0000	12.8690
365	0	2.71375LL+1.3CF	-1.2299	-1.1281	-0.8874	-1.0863	0.0000	0.0000	0.0000	-1.0863
365	0	2.71375LL+1.3CF	3.8158	3.8942	3.8012	3.8615	0.0000	0.0000	0.0000	3.8942
365	1	2.71375LL+1.3CF	-1.2299	-1.3182	-1.3007	-0.8437	0.0000	0.0000	0.0000	-1.3182
365	1	2.71375LL+1.3CF	3.8158	3.8149	3.2585	3.9099	0.0000	0.0000	0.0000	3.9099
366	0	2.71375LL+1.3CF	-4.8187	-5.3860	-3.8886	-4.8867	0.0000	0.0000	0.0000	-5.3860
366	0	2.71375LL+1.3CF	1.3732	1.7434	1.3918	0.9776	0.0000	0.0000	0.0000	1.7434
366	1	2.71375LL+1.3CF	-4.8187	-2.7458	-5.8482	-4.7932	0.0000	0.0000	0.0000	-5.8482
366	1	2.71375LL+1.3CF	1.3732	0.6930	1.4325	1.9715	0.0000	0.0000	0.0000	1.9715
367	0	2.71375LL+1.3CF	-0.3129	-0.6137	-0.6137	-0.1866	-0.1866	0.0000	0.0000	-0.6137
367	0	2.71375LL+1.3CF	0.5290	0.5430	0.5430	0.5231	0.5231	0.0000	0.0000	0.5430
367	1	2.71375LL+1.3CF	-0.3129	-0.0635	-0.0635	-0.4177	-0.4177	0.0000	0.0000	-0.4177
367	1	2.71375LL+1.3CF	0.5290	0.5853	0.5853	0.5138	0.5138	0.0000	0.0000	0.5853
368	0	2.71375LL+1.3CF	-1.6054	-1.5917	-1.5917	-1.6111	-1.6111	0.0000	0.0000	-1.6111
368	0	2.71375LL+1.3CF	0.9446	1.0826	1.0826	0.9656	0.9656	0.0000	0.0000	1.0826
368	1	2.71375LL+1.3CF	-1.6054	-1.0902	-1.0902	-1.8218	-1.8218	0.0000	0.0000	-1.8218
368	1	2.71375LL+1.3CF	0.9446	0.3444	0.3444	1.1968	1.1968	0.0000	0.0000	1.1968
390	0	2.71375LL+1.3CF	-4.1034	-4.2815	-4.2390	-3.9252	-3.9677	0.0000	0.0000	-4.2815
390	0	2.71375LL+1.3CF	1.3173	2.0248	0.6692	0.8099	1.9455	0.0000	0.0000	2.0248

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
390	1	2.71375LL+1.3CF	-4.1034	-4.2063	-4.1308	-4.0004	-4.0758	0.0000	0.0000	-4.2063
390	1	2.71375LL+1.3CF	1.3173	1.5865	1.1248	1.0462	1.5097	0.0000	0.0000	1.5865
391	0	2.71375LL+1.3CF	-3.4423	-1.0552	-5.9324	-5.8293	-0.9521	0.0000	0.0000	-5.9324
391	0	2.71375LL+1.3CF	10.3202	7.7293	12.2268	12.9112	8.4137	0.0000	0.0000	12.9112
391	1	2.71375LL+1.3CF	-3.4423	-2.1847	-4.3963	-4.7168	-2.4652	0.0000	0.0000	-4.7168
391	1	2.71375LL+1.3CF	10.3202	11.8276	8.2542	9.0129	11.3862	0.0000	0.0000	11.8276
393	0	2.71375LL+1.3CF	-3.8827	-4.1526	-4.1818	-3.9129	-3.7837	0.0000	0.0000	-4.1818
393	0	2.71375LL+1.3CF	1.3683	1.8286	1.1387	1.1031	1.5838	0.0000	0.0000	1.8286
393	1	2.71375LL+1.3CF	-3.8827	-4.0714	-3.9894	-3.8941	-3.9661	0.0000	0.0000	-4.0714
393	1	2.71375LL+1.3CF	1.3683	1.7366	1.1106	0.9659	1.6219	0.0000	0.0000	1.7366
394	0	2.71375LL+1.3CF	-3.5104	-2.3515	-4.8023	-4.8893	-2.2185	0.0000	0.0000	-4.8023
394	0	2.71375LL+1.3CF	10.1247	10.7947	8.5759	8.4646	11.6734	0.0000	0.0000	11.6734
394	1	2.71375LL+1.3CF	-3.5104	-2.9558	-4.0629	-4.3649	-2.9583	0.0000	0.0000	-4.3649
394	1	2.71375LL+1.3CF	10.1247	12.4915	8.1671	7.7579	13.0922	0.0000	0.0000	12.4915
396	0	2.71375LL+1.3CF	-3.8408	-4.0408	-3.9414	-3.8408	-3.7402	0.0000	0.0000	-4.0408
396	0	2.71375LL+1.3CF	1.3834	1.7298	1.1069	1.0372	1.6800	0.0000	0.0000	1.7298
396	1	2.71375LL+1.3CF	-3.8408	-3.9071	-3.8254	-3.7744	-3.7581	0.0000	0.0000	-3.9254
396	1	2.71375LL+1.3CF	1.3834	1.7477	1.1019	1.0190	1.6848	0.0000	0.0000	1.7477
397	0	2.71375LL+1.3CF	-3.5447	-2.9359	-4.2953	-4.1536	-2.7941	0.0000	0.0000	-4.2953
397	0	2.71375LL+1.3CF	9.8631	11.2928	8.8688	8.4335	12.7575	0.0000	0.0000	12.7575
397	1	2.71375LL+1.3CF	-3.5447	-2.4092	-4.3624	-4.6601	-2.7269	0.0000	0.0000	-4.6601
397	1	2.71375LL+1.3CF	9.8631	11.3309	9.5858	8.3854	12.1304	0.0000	0.0000	11.3309
399	0	2.71375LL+1.3CF	-3.6771	-3.8523	-3.8468	-3.5019	-3.5075	0.0000	0.0000	-3.8523
399	0	2.71375LL+1.3CF	1.4028	1.7498	1.0972	1.0506	1.7080	0.0000	0.0000	1.7498
399	1	2.71375LL+1.3CF	-3.6771	-3.7177	-3.7176	-3.6366	-3.6367	0.0000	0.0000	-3.7177
399	1	2.71375LL+1.3CF	1.4028	1.3055	1.6207	1.4667	1.1845	0.0000	0.0000	1.6207
400	0	2.71375LL+1.3CF	-3.5827	-2.5828	-4.6827	-4.5828	-2.5028	0.0000	0.0000	-4.6827
400	0	2.71375LL+1.3CF	9.4839	9.5835	7.8396	8.3644	11.0283	0.0000	0.0000	11.0283
400	1	2.71375LL+1.3CF	-3.5827	-1.3113	-5.6896	-5.8743	-1.5258	0.0000	0.0000	-5.8743
400	1	2.71375LL+1.3CF	9.4839	7.1515	12.6704	11.8163	8.2974	0.0000	0.0000	12.6704
401	0	2.71375LL+1.3CF	-1.4814	-1.4759	-1.3189	-1.7149	0.0000	0.0000	0.0000	-1.7149
401	0	2.71375LL+1.3CF	3.8454	4.9107	4.5807	1.7858	0.0000	0.0000	0.0000	4.9107
401	1	2.71375LL+1.3CF	-1.4814	-1.7984	-1.4885	-1.1522	0.0000	0.0000	0.0000	-1.7984
401	1	2.71375LL+1.3CF	3.8454	3.5298	3.0729	5.2273	0.0000	0.0000	0.0000	5.2273

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
402	0	2.7137SLL+1.3CF	-4.7163	-4.1042	-2.6830	-6.1350	0.0000	0.0000	0.0000	-6.1350
402	0	2.7137SLL+1.3CF	1.7245	2.1404	1.7236	1.3086	0.0000	0.0000	0.0000	2.1404
402	1	2.7137SLL+1.3CF	-4.7163	-4.1827	-7.0841	-1.9818	0.0000	0.0000	0.0000	-7.0841
402	1	2.7137SLL+1.3CF	1.7245	1.0214	1.8901	2.1931	0.0000	0.0000	0.0000	2.1931
403	0	2.7137SLL+1.3CF	-0.3216	-0.6229	-0.6229	-0.1951	0.0000	0.0000	0.0000	-0.6229
403	0	2.7137SLL+1.3CF	0.4883	0.5167	0.5167	0.4756	0.0000	0.0000	0.0000	0.5167
403	1	2.7137SLL+1.3CF	-0.3216	-0.0658	-0.0658	-0.4291	0.0000	0.0000	0.0000	-0.4291
403	1	2.7137SLL+1.3CF	0.4883	0.5549	0.5549	0.4604	0.0000	0.0000	0.0000	0.5549
404	0	2.7137SLL+1.3CF	-1.8386	-1.8985	-1.8985	-1.8106	0.0000	0.0000	0.0000	-1.8985
404	0	2.7137SLL+1.3CF	1.0747	1.2196	1.2196	1.0138	0.0000	0.0000	0.0000	1.2196
404	1	2.7137SLL+1.3CF	-1.8386	-1.0183	-1.0183	-1.8863	0.0000	0.0000	0.0000	-1.8863
404	1	2.7137SLL+1.3CF	1.0747	0.4057	0.4057	1.3557	0.0000	0.0000	0.0000	1.3557
406	0	2.7137SLL+1.3CF	-3.4542	-3.6914	-3.6365	-3.2170	0.0000	0.0000	0.0000	-3.6914
406	0	2.7137SLL+1.3CF	1.4016	2.4493	2.4636	2.3536	0.0000	0.0000	0.0000	2.4493
406	1	2.7137SLL+1.3CF	-3.4542	-3.4419	-3.4082	-3.4664	0.0000	0.0000	0.0000	-3.5022
406	1	2.7137SLL+1.3CF	1.4016	1.5563	1.3081	1.2488	0.0000	0.0000	0.0000	1.5563
407	0	2.7137SLL+1.3CF	-3.8420	-0.8224	-6.4999	-6.4616	0.0000	0.0000	0.0000	-6.4999
407	0	2.7137SLL+1.3CF	8.8535	5.0865	10.9016	12.8206	0.0000	0.0000	0.0000	12.8206
407	1	2.7137SLL+1.3CF	-3.8420	-2.3257	-4.7086	-4.9583	0.0000	0.0000	0.0000	-4.9583
407	1	2.7137SLL+1.3CF	8.8535	9.9046	9.5324	7.8022	0.0000	0.0000	0.0000	9.9046
408	0	2.7137SLL+1.3CF	-3.1801	-3.4129	-3.3563	-2.9478	0.0000	0.0000	0.0000	-3.4129
408	0	2.7137SLL+1.3CF	1.4056	1.6426	1.3417	1.2686	0.0000	0.0000	0.0000	1.6426
408	1	2.7137SLL+1.3CF	-3.1801	-3.1853	-3.1339	-3.1749	0.0000	0.0000	0.0000	-3.2262
408	1	2.7137SLL+1.3CF	1.4056	1.7511	1.2486	1.1601	0.0000	0.0000	0.0000	1.7511
410	0	2.7137SLL+1.3CF	-3.6890	-2.4891	-4.9904	-4.8889	0.0000	0.0000	0.0000	-4.9904
410	0	2.7137SLL+1.3CF	8.1779	7.1284	6.8633	9.2274	0.0000	0.0000	0.0000	9.4626
410	1	2.7137SLL+1.3CF	-3.6890	-3.0920	-3.8969	-4.2860	0.0000	0.0000	0.0000	-4.2860
410	1	2.7137SLL+1.3CF	8.1779	10.4793	7.9888	5.8775	0.0000	0.0000	0.0000	10.4793
412	0	2.7137SLL+1.3CF	-2.9059	-3.2106	-3.1301	-2.6011	0.0000	0.0000	0.0000	-3.2106
412	0	2.7137SLL+1.3CF	1.4670	1.7532	1.2721	1.1607	0.0000	0.0000	0.0000	1.7532
412	1	2.7137SLL+1.3CF	-2.9059	-2.8172	-2.8413	-2.9945	0.0000	0.0000	0.0000	-2.9945
412	1	2.7137SLL+1.3CF	1.4670	1.8004	1.2184	1.1335	0.0000	0.0000	0.0000	1.8004
413	0	2.7137SLL+1.3CF	-3.7209	-3.2960	-4.2121	-4.1435	0.0000	0.0000	0.0000	-4.2121
413	0	2.7137SLL+1.3CF	7.4126	7.3990	4.8673	7.5362	0.0000	0.0000	0.0000	9.9279

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
413	1	2.7137SLL+1.3CF	-3.7209	-3.0678	-4.1442	-4.3741	-3.2977	0.0000	0.0000	-4.3741
413	1	2.7137SLL+1.3CF	7.4126	9.2088	8.1810	5.6166	8.6442	0.0000	0.0000	9.2088
415	0	2.7137SLL+1.3CF	-2.6478	-2.9127	-3.0135	-2.3830	-2.3922	0.0000	0.0000	-3.0135
415	0	2.7137SLL+1.3CF	1.5275	1.8793	1.2856	1.1757	1.7594	0.0000	0.0000	1.8793
415	1	2.7137SLL+1.3CF	-2.6478	-2.5875	-2.3936	-2.7081	-2.8321	0.0000	0.0000	-2.8321
415	1	2.7137SLL+1.3CF	1.5275	0.9970	2.1907	2.1580	0.8643	0.0000	0.0000	2.1907
416	0	2.7137SLL+1.3CF	-3.7579	-3.2018	-4.4602	-4.2137	-3.0553	0.0000	0.0000	-4.4602
416	0	2.7137SLL+1.3CF	8.8052	5.9749	5.1179	7.2358	8.0826	0.0000	0.0000	8.0826
416	1	2.7137SLL+1.3CF	-3.7579	-2.0115	-5.0831	-5.5040	-2.4324	0.0000	0.0000	-5.5040
416	1	2.7137SLL+1.3CF	8.8052	9.3526	8.1073	7.8677	4.1032	0.0000	0.0000	9.1073
417	0	2.7137SLL+1.3CF	-1.8370	0.1262	0.7183	-7.8654	0.0000	0.0000	0.0000	-7.8654
417	0	2.7137SLL+1.3CF	3.4600	4.6575	3.6856	1.9367	0.0000	0.0000	0.0000	4.6575
417	1	2.7137SLL+1.3CF	-1.8370	-3.8729	-3.9470	2.7732	0.0000	0.0000	0.0000	-3.9470
417	1	2.7137SLL+1.3CF	3.4600	2.9468	3.0836	4.4757	0.0000	0.0000	0.0000	4.4757
418	0	2.7137SLL+1.3CF	-4.0811	-4.3350	-2.7411	-5.7104	0.0000	0.0000	0.0000	-5.7104
418	0	2.7137SLL+1.3CF	2.2424	5.8256	5.0887	-5.2698	0.0000	0.0000	0.0000	5.8256
418	1	2.7137SLL+1.3CF	-4.0811	-2.4993	-5.8779	-3.2170	0.0000	0.0000	0.0000	-5.8779
418	1	2.7137SLL+1.3CF	2.2424	-1.8929	-0.1921	9.7379	0.0000	0.0000	0.0000	9.7379
419	0	2.7137SLL+1.3CF	-0.0960	-0.1704	-0.1704	-0.0647	-0.0647	0.0000	0.0000	-0.1704
419	0	2.7137SLL+1.3CF	0.3108	0.3728	0.3728	0.2847	0.2847	0.0000	0.0000	0.3728
419	1	2.7137SLL+1.3CF	-0.0960	-0.1381	-0.1381	-0.0783	-0.0783	0.0000	0.0000	-0.1381
419	1	2.7137SLL+1.3CF	0.3108	0.5810	0.5810	0.1672	0.1672	0.0000	0.0000	0.5810
420	0	2.7137SLL+1.3CF	-1.2745	-0.7871	-0.7871	-1.4677	-1.4677	0.0000	0.0000	-1.4677
420	0	2.7137SLL+1.3CF	1.0217	0.7518	0.7518	1.1352	1.1352	0.0000	0.0000	1.1352
420	1	2.7137SLL+1.3CF	-1.2745	-1.2453	-1.2453	-1.2868	-1.2868	0.0000	0.0000	-1.2868
420	1	2.7137SLL+1.3CF	1.0217	0.8862	0.8862	1.0871	1.0871	0.0000	0.0000	1.0871
422	0	2.7137SLL+1.3CF	-3.4239	-4.5467	-3.7330	-2.2961	-3.1148	0.0000	0.0000	-4.5467
422	0	2.7137SLL+1.3CF	2.0158	3.0250	1.0934	0.5067	2.9763	0.0000	0.0000	3.0250
422	1	2.7137SLL+1.3CF	-3.4239	-2.1257	-2.6814	-4.7221	-4.1564	0.0000	0.0000	-4.7221
422	1	2.7137SLL+1.3CF	2.0158	1.4600	1.7671	2.5417	2.2646	0.0000	0.0000	2.5417
423	0	2.7137SLL+1.3CF	-4.0101	-1.6179	-6.8422	-6.4023	-1.0779	0.0000	0.0000	-6.8422
423	0	2.7137SLL+1.3CF	8.9379	3.2266	7.3694	8.8485	4.4857	0.0000	0.0000	8.8485
423	1	2.7137SLL+1.3CF	-4.0101	-2.6743	-4.2819	-5.3458	-3.7383	0.0000	0.0000	-5.3458
423	1	2.7137SLL+1.3CF	8.9379	8.3742	8.5698	8.5008	5.3083	0.0000	0.0000	8.5698

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
425	0	2.7137SLL+1.3CF	-5.2743	-7.8114	-8.2153	-2.7372	-3.3332	0.0000	0.0000	-8.2153
425	0	2.7137SLL+1.3CF	3.6429	4.2329	4.5308	3.0630	2.7950	0.0000	0.0000	4.5308
425	1	2.7137SLL+1.3CF	-5.2743	-1.6660	-2.1057	-8.8629	-8.4428	0.0000	0.0000	-8.8626
425	1	2.7137SLL+1.3CF	3.6429	3.4173	3.7658	3.8696	4.5204	0.0000	0.0000	4.5204
426	0	2.7137SLL+1.3CF	-4.2924	-3.8368	-5.4561	-4.7480	-3.1287	0.0000	0.0000	-5.4561
426	0	2.7137SLL+1.3CF	5.3106	3.8197	4.2452	8.7015	8.3793	0.0000	0.0000	8.7015
426	1	2.7137SLL+1.3CF	-4.2924	-4.1088	-5.8743	-4.4759	-4.7106	0.0000	0.0000	-4.7106
426	1	2.7137SLL+1.3CF	5.3106	7.6472	8.3504	2.9740	4.2708	0.0000	0.0000	7.6472
428	0	2.7137SLL+1.3CF	-3.9644	-7.1628	-8.9527	-0.7660	1.0239	0.0000	0.0000	-8.9527
428	0	2.7137SLL+1.3CF	3.7421	4.6400	3.8787	2.8441	3.5254	0.0000	0.0000	4.6400
428	1	2.7137SLL+1.3CF	-3.9644	1.4317	-0.6018	-8.3805	-7.3268	0.0000	0.0000	-8.3605
428	1	2.7137SLL+1.3CF	3.7421	3.4633	3.1021	4.0338	4.3320	0.0000	0.0000	4.3320
429	0	2.7137SLL+1.3CF	-4.3898	-4.4158	-4.2701	-4.3639	-4.5096	0.0000	0.0000	-4.5096
429	0	2.7137SLL+1.3CF	4.0861	2.2979	1.1808	5.8746	6.9814	0.0000	0.0000	6.9814
429	1	2.7137SLL+1.3CF	-4.3898	-4.3417	-4.2083	-4.4360	-4.5714	0.0000	0.0000	-4.5714
429	1	2.7137SLL+1.3CF	4.0861	6.8260	6.0766	1.3462	2.0803	0.0000	0.0000	6.8260
431	0	2.7137SLL+1.3CF	-2.6708	-6.2332	-7.4229	0.8818	2.0813	0.0000	0.0000	-7.4229
431	0	2.7137SLL+1.3CF	3.8858	4.4674	4.1582	3.2336	3.5718	0.0000	0.0000	4.4674
431	1	2.7137SLL+1.3CF	-2.6708	-0.0511	3.1464	-5.2905	-6.4680	0.0000	0.0000	-6.4680
431	1	2.7137SLL+1.3CF	3.8858	2.1509	4.9220	5.5600	2.9080	0.0000	0.0000	5.5600
432	0	2.7137SLL+1.3CF	-4.5042	-4.4718	-4.8836	-4.5367	-4.1148	0.0000	0.0000	-4.8836
432	0	2.7137SLL+1.3CF	3.0833	2.1344	1.8277	4.0523	4.3589	0.0000	0.0000	4.3589
432	1	2.7137SLL+1.3CF	-4.5042	-2.8896	-5.1779	-6.1185	-3.8306	0.0000	0.0000	-6.1185
432	1	2.7137SLL+1.3CF	3.0833	2.4632	4.1418	3.7034	2.0450	0.0000	0.0000	4.1418
433	0	2.7137SLL+1.3CF	-2.1437	-0.8703	-0.0656	-6.2851	0.0000	0.0000	0.0000	-6.2851
433	0	2.7137SLL+1.3CF	2.0835	1.7567	0.2786	4.9354	0.0000	0.0000	0.0000	4.9354
433	1	2.7137SLL+1.3CF	-2.1437	-3.9234	-4.2999	2.8122	0.0000	0.0000	0.0000	-4.2999
433	1	2.7137SLL+1.3CF	2.0835	1.4275	3.1054	1.3629	0.0000	0.0000	0.0000	3.1054
434	0	2.7137SLL+1.3CF	-2.9565	-4.3228	-0.5670	-4.8953	0.0000	0.0000	0.0000	-4.8953
434	0	2.7137SLL+1.3CF	2.3429	5.8670	5.1407	-5.1432	0.0000	0.0000	0.0000	5.8670
434	1	2.7137SLL+1.3CF	-2.9565	-0.3935	-5.1400	1.6282	0.0000	0.0000	0.0000	-5.1400
434	1	2.7137SLL+1.3CF	2.3429	-1.0479	0.5110	8.3018	0.0000	0.0000	0.0000	8.3018
435	0	2.7137SLL+1.3CF	-0.3284	1.3177	1.3177	-1.0200	-1.0200	0.0000	0.0000	1.3177
435	0	2.7137SLL+1.3CF	0.1374	-1.2747	-1.2747	0.7306	0.7306	0.0000	0.0000	-1.2747

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
435	1	2.7137SLL+1.3CF	-0.3284	-1.8372	-1.8372	0.3054	0.3054	0.0000	0.0000	-1.8372
435	1	2.7137SLL+1.3CF	0.1374	1.6850	1.6850	-0.0128	-0.0128	0.0000	0.0000	1.6850
436	0	2.7137SLL+1.3CF	-0.8510	0.2314	0.2314	-1.3057	-1.3057	0.0000	0.0000	-1.3057
436	0	2.7137SLL+1.3CF	0.8446	0.4094	0.4094	1.0274	1.0274	0.0000	0.0000	1.0274
436	1	2.7137SLL+1.3CF	-0.8510	-1.9226	-1.9226	-0.4008	-0.4008	0.0000	0.0000	-1.9226
436	1	2.7137SLL+1.3CF	0.8446	1.0260	1.0260	0.7684	0.7684	0.0000	0.0000	1.0260
438	0	2.7137SLL+1.3CF	-2.1530	-7.5210	-2.8396	3.2151	-1.3664	0.0000	0.0000	-7.5210
438	0	2.7137SLL+1.3CF	4.0142	5.1640	3.6232	2.8645	4.4052	0.0000	0.0000	5.1640
438	1	2.7137SLL+1.3CF	-2.1530	2.0379	0.1902	-6.3458	-4.4961	0.0000	0.0000	-6.3458
438	1	2.7137SLL+1.3CF	4.0142	3.9855	3.4059	4.0330	4.8225	0.0000	0.0000	4.8225
439	0	2.7137SLL+1.3CF	-4.5829	-2.7850	-7.0305	-6.4009	-2.1554	0.0000	0.0000	-7.0305
439	0	2.7137SLL+1.3CF	1.7836	0.6802	2.4622	2.9058	1.1039	0.0000	0.0000	2.9058
439	1	2.7137SLL+1.3CF	-4.5829	-4.3620	-4.0656	-4.8239	-5.1203	0.0000	0.0000	-5.1203
439	1	2.7137SLL+1.3CF	1.7836	2.2904	2.6873	1.2756	0.8787	0.0000	0.0000	2.6873
441	0	2.7137SLL+1.3CF	-1.2982	-2.5968	-2.3061	0.0004	-0.2903	0.0000	0.0000	-2.5968
441	0	2.7137SLL+1.3CF	4.2498	4.9556	4.3097	3.5442	4.1601	0.0000	0.0000	4.9556
441	1	2.7137SLL+1.3CF	-1.2982	-0.1259	0.0374	-2.4706	-2.8338	0.0000	0.0000	-2.8338
441	1	2.7137SLL+1.3CF	4.2498	3.9005	3.6498	4.5993	4.8510	0.0000	0.0000	4.8510
442	0	2.7137SLL+1.3CF	-4.7983	-5.2487	-4.9388	-4.3479	-4.6579	0.0000	0.0000	-5.2487
442	0	2.7137SLL+1.3CF	1.3240	0.8318	0.9094	1.8181	1.7085	0.0000	0.0000	1.8181
442	1	2.7137SLL+1.3CF	-4.7983	-5.8901	-2.8801	-3.9064	-6.7364	0.0000	0.0000	-6.7364
442	1	2.7137SLL+1.3CF	1.3240	2.1751	1.6730	0.4728	0.9748	0.0000	0.0000	2.1751
444	0	2.7137SLL+1.3CF	-1.0535	-1.8295	-1.4803	-0.4773	-0.6168	0.0000	0.0000	-1.8295
444	0	2.7137SLL+1.3CF	5.7330	-0.4928	-0.8131	11.9588	12.2791	0.0000	0.0000	12.2791
444	1	2.7137SLL+1.3CF	-1.0535	-0.5039	-0.4576	-1.6032	-1.6485	0.0000	0.0000	-1.6485
444	1	2.7137SLL+1.3CF	5.7330	12.2020	11.6659	-0.7360	-0.2199	0.0000	0.0000	12.2020
445	0	2.7137SLL+1.3CF	-6.2578	-10.7223	-8.7361	-1.7604	-3.7795	0.0000	0.0000	-10.7223
445	0	2.7137SLL+1.3CF	1.0525	0.7645	0.2855	1.3404	1.8194	0.0000	0.0000	1.8194
445	1	2.7137SLL+1.3CF	-6.2578	-2.9692	-2.3581	-8.5464	-10.1575	0.0000	0.0000	-10.1575
445	1	2.7137SLL+1.3CF	1.0525	1.8506	1.5143	0.2544	0.5909	0.0000	0.0000	1.8506
447	0	2.7137SLL+1.3CF	-1.3391	-0.7677	-0.6456	-1.8848	-2.0057	0.0000	0.0000	-2.0057
447	0	2.7137SLL+1.3CF	8.3732	3.9040	3.0818	12.8424	13.6646	0.0000	0.0000	13.6646
447	1	2.7137SLL+1.3CF	-1.3391	-1.7013	-2.0142	-0.9510	-0.6381	0.0000	0.0000	-2.0142
447	1	2.7137SLL+1.3CF	8.3732	11.1287	13.9088	5.6177	2.8575	0.0000	0.0000	13.9088

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
448	0	2.71375LL+1.3CF	-8.0240	-11.1121	-10.5802	-4.9359	-5.4678	0.0000	0.0000	-11.1121
448	0	2.71375LL+1.3CF	1.2776	1.5936	1.6969	0.9615	0.8563	0.0000	0.0000	1.6969
448	1	2.71375LL+1.3CF	-8.0240	-4.0577	-5.0919	-11.9903	-7.9564	0.0000	0.0000	-11.9903
448	1	2.71375LL+1.3CF	1.2776	0.5634	1.4630	1.9619	1.0723	0.0000	0.0000	1.9619
449	0	2.71375LL+1.3CF	-3.5721	-3.8372	-2.7360	-4.8335	0.0000	0.0000	0.0000	-4.8335
449	0	2.71375LL+1.3CF	0.9618	1.5945	0.7966	0.3539	0.0000	0.0000	0.0000	1.5945
449	1	2.71375LL+1.3CF	-3.5721	-4.8482	-4.0033	-1.8999	0.0000	0.0000	0.0000	-4.8482
449	1	2.71375LL+1.3CF	0.9618	0.6441	1.0804	1.1018	0.0000	0.0000	0.0000	1.1018
450	0	LINEAsnPLATES/	-2.9458	-5.2013	-3.0679	-1.6017	0.0000	0.0000	0.0000	-5.2013
450	0	2.71375LL+1.3CF	0.9303	3.9423	2.9435	-4.7582	0.0000	0.0000	0.0000	-4.7582
450	1	LINEAsnPLATES/	-2.9458	2.5468	-5.8284	-4.2582	0.0000	0.0000	0.0000	-5.8284
450	1	2.71375LL+1.3CF	0.9303	-1.7575	0.6645	3.9574	0.0000	0.0000	0.0000	3.9574
451	0	2.71375LL+1.3CF	-0.2552	-0.2804	-0.2804	-0.2446	-0.2446	0.0000	0.0000	-0.2804
451	0	LINEAsnPLATES/	0.4225	0.7159	0.7159	0.2979	0.2979	0.0000	0.0000	0.7159
451	1	2.71375LL+1.3CF	-0.2552	-0.2907	-0.2907	-0.2403	-0.2403	0.0000	0.0000	-0.2907
451	1	LINEAsnPLATES/	0.4225	0.7496	0.7496	0.2851	0.2851	0.0000	0.0000	0.7496
452	0	2.71375LL+1.3CF	-0.1700	-0.4451	-0.4451	-0.0545	-0.0545	0.0000	0.0000	-0.4451
452	0	2.71375LL+1.3CF	0.7364	0.5436	0.5436	0.8160	0.8160	0.0000	0.0000	0.8160
452	1	2.71375LL+1.3CF	-0.1700	0.2106	0.2106	-0.3300	-0.3300	0.0000	0.0000	-0.3300
452	1	2.71375LL+1.3CF	0.7364	0.7136	0.7136	0.7446	0.7446	0.0000	0.0000	0.7446
454	0	2.71375LL+1.3CF	-1.3670	-0.9614	-1.2950	-1.7726	-1.4380	0.0000	0.0000	-1.7726
454	0	2.71375LL+1.3CF	8.7331	5.9411	7.9536	11.3251	9.6124	0.0000	0.0000	11.3251
454	1	2.71375LL+1.3CF	-1.3670	-1.3936	-1.4581	-1.1405	-1.2459	0.0000	0.0000	-1.5936
454	1	2.71375LL+1.3CF	8.7331	10.2274	9.6569	7.2586	7.8063	0.0000	0.0000	10.2274
455	0	2.71375LL+1.3CF	-8.8550	-5.3974	-9.8806	-12.3125	-8.0283	0.0000	0.0000	-12.3125
455	0	2.71375LL+1.3CF	1.3979	0.7119	1.6812	2.0839	1.1149	0.0000	0.0000	2.0839
455	1	2.71375LL+1.3CF	-8.8550	-10.4960	-9.1679	-7.2135	-8.5423	0.0000	0.0000	-10.4960
455	1	2.71375LL+1.3CF	1.3979	1.5064	1.5780	1.2594	1.2178	0.0000	0.0000	1.5780
457	0	2.71375LL+1.3CF	-1.2964	-0.1830	-0.1690	-2.4138	-2.4279	0.0000	0.0000	-2.4279
457	0	2.71375LL+1.3CF	7.5374	8.2744	7.9022	6.8004	7.1725	0.0000	0.0000	8.2744
457	1	2.71375LL+1.3CF	-1.2964	-2.4335	-2.2775	-0.1634	-0.3194	0.0000	0.0000	-2.4335
457	1	2.71375LL+1.3CF	7.5374	7.0315	8.6877	8.0433	8.3875	0.0000	0.0000	8.3875
458	0	2.71375LL+1.3CF	-8.2753	-7.8363	-6.5087	-9.7112	-10.0418	0.0000	0.0000	-10.0418
458	0	2.71375LL+1.3CF	1.2617	1.5379	1.3594	0.9855	1.1640	0.0000	0.0000	1.5379

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
458	1	2.71375LL+1.3CF	-8.2753	-10.9134	-7.8147	-5.6371	-6.8358	0.0000	0.0000	-10.9134
458	1	2.71375LL+1.3CF	1.2617	1.3626	0.8710	1.1408	1.3524	0.0000	0.0000	1.3524
460	0	2.71375LL+1.3CF	-1.8809	0.1052	0.3327	-3.5171	-3.8946	0.0000	0.0000	-3.8946
460	0	2.71375LL+1.3CF	8.7793	8.1675	7.8478	5.3812	5.7110	0.0000	0.0000	8.1675
460	1	2.71375LL+1.3CF	-1.8809	-3.6547	-3.3731	0.2926	0.0112	0.0000	0.0000	-3.6547
460	1	2.71375LL+1.3CF	8.7793	8.6775	9.4752	7.8611	8.0835	0.0000	0.0000	9.0635
461	0	2.71375LL+1.3CF	-7.5600	-7.9414	-4.3437	-7.4846	-10.7823	0.0000	0.0000	-10.7823
461	0	2.71375LL+1.3CF	1.7990	2.0156	2.4431	0.9825	1.1350	0.0000	0.0000	2.0156
461	1	2.71375LL+1.3CF	-7.5600	-9.7339	-7.8159	-5.3923	-7.3101	0.0000	0.0000	-9.7339
461	1	2.71375LL+1.3CF	1.7990	0.9306	1.1445	2.6475	2.4336	0.0000	0.0000	2.6475
463	0	2.71375LL+1.3CF	-3.0373	2.7200	1.0355	-6.7945	-7.1101	0.0000	0.0000	-6.7945
463	0	2.71375LL+1.3CF	6.1012	7.5703	7.8650	4.8321	4.3374	0.0000	0.0000	7.8650
463	1	2.71375LL+1.3CF	-3.0373	-10.7456	-8.8467	4.8710	-1.4279	0.0000	0.0000	-10.7456
463	1	2.71375LL+1.3CF	6.1012	4.3643	4.8143	7.8360	7.2860	0.0000	0.0000	7.8360
464	0	2.71375LL+1.3CF	-6.8794	-6.9356	-5.2288	-7.0232	-8.7301	0.0000	0.0000	-8.7301
464	0	2.71375LL+1.3CF	3.7709	3.8949	4.4792	1.5468	1.0626	0.0000	0.0000	4.4792
464	1	2.71375LL+1.3CF	-6.8794	-5.7898	-6.8371	-8.1669	-5.3216	0.0000	0.0000	-8.8371
464	1	2.71375LL+1.3CF	2.7709	1.0845	3.4412	4.4472	2.1008	0.0000	0.0000	4.4472
465	0	2.71375LL+1.3CF	-2.2210	-0.0222	0.7573	-6.4817	0.0000	0.0000	0.0000	-6.4817
465	0	2.71375LL+1.3CF	2.3082	4.8020	2.8589	-0.4864	0.0000	0.0000	0.0000	4.8020
465	1	2.71375LL+1.3CF	-2.2210	-3.7092	-3.9436	1.5446	0.0000	0.0000	0.0000	-3.9436
465	1	2.71375LL+1.3CF	2.3082	0.3848	2.8625	3.4699	0.0000	0.0000	0.0000	3.4699
466	0	2.71375LL+1.3CF	-3.2521	-7.5866	-3.3516	1.2218	0.0000	0.0000	0.0000	-7.5866
466	0	2.71375LL+1.3CF	2.5749	4.1436	3.2530	0.0700	0.0000	0.0000	0.0000	4.1436
466	1	2.71375LL+1.3CF	-3.2521	5.1269	-3.3282	-11.5282	0.0000	0.0000	0.0000	-11.5282
466	1	2.71375LL+1.3CF	2.5749	1.2125	2.6309	3.5838	0.0000	0.0000	0.0000	3.5838
467	0	2.71375LL+1.3CF	-0.3567	1.5222	1.5222	-1.1503	-1.1503	0.0000	0.0000	1.5222
467	0	2.71375LL+1.3CF	0.1548	-1.1464	-1.1464	0.7023	0.7023	0.0000	0.0000	-1.1464
467	1	2.71375LL+1.3CF	-0.3567	-2.4061	-2.4061	0.5000	0.5000	0.0000	0.0000	-2.4061
467	1	2.71375LL+1.3CF	0.1548	1.5767	1.5767	-0.4435	-0.4435	0.0000	0.0000	1.5767
468	0	2.71375LL+1.3CF	-1.0304	0.1020	0.1020	-1.5062	-1.5062	0.0000	0.0000	-1.5062
468	0	2.71375LL+1.3CF	1.1802	1.0675	1.0675	1.2276	1.2276	0.0000	0.0000	1.2276
468	1	2.71375LL+1.3CF	-1.0304	-2.1972	-2.1972	-0.5403	-0.5403	0.0000	0.0000	-2.1972
468	1	2.71375LL+1.3CF	1.1802	0.8384	0.8384	1.3238	1.3238	0.0000	0.0000	1.3238

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
470	0	2.71375LL+1.3CF	-3.5285	-1.5166	2.8205	-5.5361	-9.8734	0.0000	0.0000	-9.8734
470	0	2.71375LL+1.3CF	5.8255	7.3605	7.4432	4.2905	4.2078	0.0000	0.0000	7.4432
470	1	2.71375LL+1.3CF	-3.5285	-7.0615	-6.4344	0.0086	1.3614	0.0000	0.0000	-6.4344
470	1	2.71375LL+1.3CF	5.8255	4.3775	4.2711	7.2735	7.3799	0.0000	0.0000	7.3799
471	0	2.71375LL+1.3CF	-6.4384	-4.3043	-7.6465	-5.5245	-5.2302	0.0000	0.0000	-8.5245
471	0	2.71375LL+1.3CF	4.0689	3.1836	5.2914	5.0141	2.8904	0.0000	0.0000	5.2914
471	1	2.71375LL+1.3CF	-6.4384	-7.3662	-6.4774	-5.5125	-6.4013	0.0000	0.0000	-7.3662
471	1	2.71375LL+1.3CF	4.0689	3.3053	2.7305	4.7524	5.4472	0.0000	0.0000	5.4472
473	0	2.71375LL+1.3CF	-4.4760	0.6308	-1.5829	-9.5828	-7.3691	0.0000	0.0000	-9.5828
473	0	2.71375LL+1.3CF	5.3109	7.2194	8.8098	3.4023	3.7121	0.0000	0.0000	7.2194
473	1	2.71375LL+1.3CF	-4.4760	-8.8347	-10.1577	-2.1172	1.2057	0.0000	0.0000	-10.1577
473	1	2.71375LL+1.3CF	5.3109	3.8602	3.5738	8.7615	7.0478	0.0000	0.0000	7.0478
474	0	2.71375LL+1.3CF	-6.0518	-5.4809	-4.7142	-6.6228	-7.3894	0.0000	0.0000	-7.3894
474	0	2.71375LL+1.3CF	4.8311	6.9296	8.0456	2.7326	3.6168	0.0000	0.0000	8.0456
474	1	2.71375LL+1.3CF	-6.0518	-7.8692	-5.6838	-4.2345	-6.4198	0.0000	0.0000	-7.8692
474	1	2.71375LL+1.3CF	4.8311	4.0094	2.3857	5.9028	7.2768	0.0000	0.0000	7.2768
476	0	2.71375LL+1.3CF	-5.2263	0.4232	-3.4988	-10.8757	-6.9839	0.0000	0.0000	-10.8757
476	0	2.71375LL+1.3CF	4.9008	6.4694	6.8860	3.3318	2.9032	0.0000	0.0000	6.8860
476	1	2.71375LL+1.3CF	-5.2263	-8.0512	-9.7434	-2.4014	-0.7091	0.0000	0.0000	-9.7434
476	1	2.71375LL+1.3CF	4.9008	3.1481	3.5367	8.6631	9.2645	0.0000	0.0000	9.6631
477	0	2.71375LL+1.3CF	-5.5861	-6.7330	-3.5460	-5.4591	-7.8431	0.0000	0.0000	-7.8431
477	0	2.71375LL+1.3CF	5.6721	7.6602	8.1116	3.4639	3.2326	0.0000	0.0000	7.6602
477	1	2.71375LL+1.3CF	-5.5861	-8.9346	-5.8259	-4.2575	-0.3643	0.0000	0.0000	-8.9346
477	1	2.71375LL+1.3CF	5.6721	4.3854	4.1291	8.9587	7.2150	0.0000	0.0000	7.2150
479	0	2.71375LL+1.3CF	-6.0268	-1.9793	-3.8638	-10.0738	-8.0893	0.0000	0.0000	-10.0738
479	0	2.71375LL+1.3CF	4.4612	5.7472	6.1655	3.1552	2.7369	0.0000	0.0000	6.1655
479	1	2.71375LL+1.3CF	-6.0268	-10.8762	-7.2414	-1.3788	-4.8117	0.0000	0.0000	-10.8762
479	1	2.71375LL+1.3CF	4.4612	3.0650	3.3582	5.8374	5.5442	0.0000	0.0000	5.8374
480	0	2.71375LL+1.3CF	-5.2087	-5.2575	-3.8602	-5.1618	-6.5582	0.0000	0.0000	-6.5582
480	0	2.71375LL+1.3CF	6.3083	7.0225	8.7881	5.5941	5.8306	0.0000	0.0000	7.0225
480	1	2.71375LL+1.3CF	-5.2087	-4.4196	-6.3670	-5.9966	-4.0534	0.0000	0.0000	-6.3670
480	1	2.71375LL+1.3CF	6.3083	4.2501	6.0503	6.3666	4.5963	0.0000	0.0000	6.3666
481	0	2.71375LL+1.3CF	-2.0841	-1.6743	-1.1188	-3.8281	0.0000	0.0000	0.0000	-3.8281
481	0	2.71375LL+1.3CF	3.1255	5.0206	3.2500	1.0585	0.0000	0.0000	0.0000	5.0206

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
481	1	2.71375LL+1.3CF	-2.0841	-2.4458	-2.3672	-1.3039	0.0000	0.0000	0.0000	-2.4458
481	1	2.71375LL+1.3CF	3.1255	1.7257	3.4587	4.0653	0.0000	0.0000	0.0000	4.0653
482	0	2.71375LL+1.3CF	-4.1175	-7.5780	-3.0267	-2.1626	0.0000	0.0000	0.0000	-7.5780
482	0	2.71375LL+1.3CF	2.4731	2.7332	2.2227	2.5586	0.0000	0.0000	0.0000	2.7332
482	1	2.71375LL+1.3CF	-4.1175	2.6164	-6.7039	-7.2815	0.0000	0.0000	0.0000	-7.2815
482	1	2.71375LL+1.3CF	2.4731	2.3291	3.2187	1.5679	0.0000	0.0000	0.0000	3.2187
483	0	2.71375LL+1.3CF	-0.3038	1.6427	1.6427	-1.1216	-1.1216	0.0000	0.0000	1.6427
483	0	2.71375LL+1.3CF	0.2807	-1.6816	-1.6816	1.1050	1.1050	0.0000	0.0000	-1.6816
483	1	2.71375LL+1.3CF	-0.3038	-2.6410	-2.6410	0.6781	0.6781	0.0000	0.0000	-2.6410
483	1	2.71375LL+1.3CF	0.2807	2.3952	2.3952	-0.6077	-0.6077	0.0000	0.0000	2.3952
484	0	2.71375LL+1.3CF	-1.2421	-1.4893	-1.4893	-1.1383	-1.1383	0.0000	0.0000	-1.4893
484	0	2.71375LL+1.3CF	1.3408	1.2907	1.2907	1.3619	1.3619	0.0000	0.0000	1.3619
484	1	2.71375LL+1.3CF	-1.2421	-0.5132	-0.5132	-1.5483	-1.5483	0.0000	0.0000	-1.5483
484	1	2.71375LL+1.3CF	1.3408	0.8357	0.8357	1.5531	1.5531	0.0000	0.0000	1.5531
486	0	2.71375LL+1.3CF	-6.1457	-5.3367	-2.6307	-6.9548	-9.6608	0.0000	0.0000	-9.6608
486	0	2.71375LL+1.3CF	4.1780	5.2351	5.5210	3.1010	2.8350	0.0000	0.0000	5.5210
486	1	2.71375LL+1.3CF	-6.1457	-7.9329	-6.6330	-4.3585	-3.4586	0.0000	0.0000	-8.6330
486	1	2.71375LL+1.3CF	4.1780	3.2444	3.1040	5.1117	5.2518	0.0000	0.0000	5.2518
487	0	2.71375LL+1.3CF	-4.7200	-3.3481	-5.3079	-6.0809	-4.1321	0.0000	0.0000	-6.0809
487	0	2.71375LL+1.3CF	8.9172	8.8883	8.4833	9.1451	9.3812	0.0000	0.0000	9.1451
487	1	2.71375LL+1.3CF	-4.7200	-5.6646	-4.7526	-3.7752	-4.6674	0.0000	0.0000	-5.6646
487	1	2.71375LL+1.3CF	8.9172	7.0606	6.3336	8.7736	7.5006	0.0000	0.0000	7.5006
489	0	2.71375LL+1.3CF	-6.3130	-4.1868	-5.1173	-8.4305	-7.5088	0.0000	0.0000	-8.4305
489	0	2.71375LL+1.3CF	3.8894	4.6542	4.3128	3.6845	2.8262	0.0000	0.0000	4.6542
489	1	2.71375LL+1.3CF	-6.3130	-7.8485	-6.5158	-4.9795	-4.1101	0.0000	0.0000	-8.5158
489	1	2.71375LL+1.3CF	3.8894	3.0860	3.0421	4.2527	4.2966	0.0000	0.0000	4.2966
490	0	2.71375LL+1.3CF	-4.3364	-3.9144	-2.8542	-4.7584	-5.7188	0.0000	0.0000	-5.7188
490	0	2.71375LL+1.3CF	7.0209	7.5679	6.8414	6.4741	7.2003	0.0000	0.0000	7.5679
490	1	2.71375LL+1.3CF	-4.3364	-5.8717	-4.1221	-2.7012	-4.5508	0.0000	0.0000	-5.8717
490	1	2.71375LL+1.3CF	7.0209	7.7150	9.4675	9.3263	8.5547	0.0000	0.0000	8.5547
492	0	2.71375LL+1.3CF	-6.3102	-4.8427	-4.8363	-7.9778	-7.8641	0.0000	0.0000	-7.9778
492	0	2.71375LL+1.3CF	3.1478	3.3803	3.3717	2.9153	2.9239	0.0000	0.0000	3.3803
492	1	2.71375LL+1.3CF	-6.3102	-7.8867	-6.0131	-4.7539	-4.6073	0.0000	0.0000	-8.0131
492	1	2.71375LL+1.3CF	3.1478	3.2456	3.4153	3.0496	2.8603	0.0000	0.0000	3.4153

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
493	0	2.7137SLL+1.3CF	-3.6780	-3.8286	-1.9953	-3.5233	-5.7566	0.0000	0.0000	-5.7566
493	0	2.7137SLL+1.3CF	7.0633	7.9884	5.7947	6.1601	8.3319	0.0000	0.0000	8.3319
493	1	2.7137SLL+1.3CF	-3.6780	-5.2744	-4.3295	-2.4779	-3.4224	0.0000	0.0000	-5.2744
493	1	2.7137SLL+1.3CF	7.0633	7.7627	7.0502	6.3436	7.0763	0.0000	0.0000	7.7627
495	0	2.7137SLL+1.3CF	-3.5620	-2.6479	-3.1002	-4.4762	-4.0239	0.0000	0.0000	-4.4762
495	0	2.7137SLL+1.3CF	1.6932	1.5851	1.4207	1.8013	1.9857	0.0000	0.0000	1.9857
495	1	2.7137SLL+1.3CF	-3.5620	-4.2800	-3.7972	-2.9841	-3.3268	0.0000	0.0000	-4.2800
495	1	2.7137SLL+1.3CF	1.6932	1.7682	1.6517	1.6182	1.5347	0.0000	0.0000	1.8517
496	0	2.7137SLL+1.3CF	-3.3566	-2.9143	-1.9738	-3.7990	-4.7394	0.0000	0.0000	-4.7394
496	0	2.7137SLL+1.3CF	6.7048	6.1886	5.4583	7.2232	7.9514	0.0000	0.0000	7.9514
496	1	2.7137SLL+1.3CF	-3.3566	-3.1676	-4.7562	-3.5456	-1.9571	0.0000	0.0000	-4.7562
496	1	2.7137SLL+1.3CF	6.7048	6.3103	6.1128	6.0993	4.2969	0.0000	0.0000	6.1128
497	0	2.7137SLL+1.3CF	-1.9218	-2.8263	-2.8094	-0.0664	0.0000	0.0000	0.0000	-2.8263
497	0	2.7137SLL+1.3CF	3.7757	4.8185	3.6112	2.8659	0.0000	0.0000	0.0000	4.8185
497	1	2.7137SLL+1.3CF	-1.9218	-1.5282	-1.1243	-3.4184	0.0000	0.0000	0.0000	-3.4184
497	1	2.7137SLL+1.3CF	3.7757	3.6214	3.6654	4.0960	0.0000	0.0000	0.0000	4.0960
498	0	2.7137SLL+1.3CF	-4.4457	-4.9366	-3.3855	-5.4179	0.0000	0.0000	0.0000	-5.4179
498	0	2.7137SLL+1.3CF	2.4186	2.0853	1.4850	4.0537	0.0000	0.0000	0.0000	4.0537
498	1	2.7137SLL+1.3CF	-4.4457	-2.7732	-0.9811	-3.8668	0.0000	0.0000	0.0000	-5.9811
498	1	2.7137SLL+1.3CF	2.4186	2.4074	3.5622	0.8445	0.0000	0.0000	0.0000	3.5622
499	0	2.7137SLL+1.3CF	-0.2325	-0.6353	-0.6353	-0.0833	-0.0833	0.0000	0.0000	-0.6353
499	0	2.7137SLL+1.3CF	0.4090	0.6521	0.6521	0.3068	0.3068	0.0000	0.0000	0.6521
499	1	2.7137SLL+1.3CF	-0.2325	0.0883	0.0883	-0.3673	-0.3673	0.0000	0.0000	-0.3673
499	1	2.7137SLL+1.3CF	0.4090	0.4159	0.4159	0.4081	0.4081	0.0000	0.0000	0.4159
500	0	2.7137SLL+1.3CF	-1.1978	-1.1407	-1.1407	-1.2219	-1.2219	0.0000	0.0000	-1.2219
500	0	2.7137SLL+1.3CF	1.1620	0.9976	0.9976	1.2595	1.2595	0.0000	0.0000	1.2595
500	1	2.7137SLL+1.3CF	-1.1978	-0.8702	-0.8702	-1.3355	-1.3355	0.0000	0.0000	-1.3355
500	1	2.7137SLL+1.3CF	1.1620	0.9096	0.9096	1.2965	1.2965	0.0000	0.0000	1.2965
502	0	2.7137SLL+1.3CF	-2.4648	-2.8415	-2.2084	-2.0881	-2.7211	0.0000	0.0000	-2.8415
502	0	2.7137SLL+1.3CF	1.1626	1.1133	1.3797	1.2119	0.8458	0.0000	0.0000	1.3797
502	1	2.7137SLL+1.3CF	-2.4648	-2.4215	-2.5721	-2.5080	-2.3575	0.0000	0.0000	-2.5721
502	1	2.7137SLL+1.3CF	1.1626	1.1406	1.1256	1.1846	1.1896	0.0000	0.0000	1.1896
503	0	2.7137SLL+1.3CF	-2.8192	-1.4937	-2.9558	-4.1447	-2.8827	0.0000	0.0000	-4.1447
503	0	2.7137SLL+1.3CF	6.1314	3.5284	7.5117	8.7344	4.7511	0.0000	0.0000	8.7344

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
503	1	2.7137SLL+1.3CF	-2.8192	-3.5836	-3.2036	-2.0446	-2.4347	0.0000	0.0000	-3.5836
503	1	2.7137SLL+1.3CF	6.1314	6.8164	6.4625	5.4484	5.7803	0.0000	0.0000	6.8164
505	0	2.7137SLL+1.3CF	-2.2434	-2.2835	-2.5250	-2.1933	-1.9819	0.0000	0.0000	-2.5250
505	0	2.7137SLL+1.3CF	0.9588	1.0869	1.0571	0.8308	0.8826	0.0000	0.0000	1.0869
505	1	2.7137SLL+1.3CF	-2.2434	-2.2818	-2.1378	-2.2250	-2.3483	0.0000	0.0000	-2.3483
505	1	2.7137SLL+1.3CF	0.9588	0.8821	0.9158	1.0258	1.0022	0.0000	0.0000	1.0258
506	0	2.7137SLL+1.3CF	-2.4655	-1.9762	-1.5856	-2.9549	-3.3454	0.0000	0.0000	-3.3454
506	0	2.7137SLL+1.3CF	5.6629	5.1257	4.8181	6.2001	6.5078	0.0000	0.0000	6.5078
506	1	2.7137SLL+1.3CF	-2.4655	-3.5737	-2.5794	-1.3574	-2.3527	0.0000	0.0000	-3.5737
506	1	2.7137SLL+1.3CF	5.6629	7.2622	5.4030	4.0637	5.6228	0.0000	0.0000	7.2622
508	0	2.7137SLL+1.3CF	-2.0946	-2.3004	-2.1977	-1.8857	-1.9914	0.0000	0.0000	-2.3004
508	0	2.7137SLL+1.3CF	0.8322	0.9178	0.9372	0.7466	0.7372	0.0000	0.0000	0.9372
508	1	2.7137SLL+1.3CF	-2.0946	-2.0070	-2.0853	-2.1821	-2.1036	0.0000	0.0000	-2.1821
508	1	2.7137SLL+1.3CF	0.8322	0.7757	0.7929	0.8887	0.8715	0.0000	0.0000	0.8887
509	0	2.7137SLL+1.3CF	-2.0964	-1.9237	-0.8306	-2.2991	-3.2622	0.0000	0.0000	-3.2622
509	0	2.7137SLL+1.3CF	5.1622	5.2137	3.3554	5.1139	6.9891	0.0000	0.0000	6.9891
509	1	2.7137SLL+1.3CF	-2.0964	-2.9641	-2.4069	-1.2287	-1.7359	0.0000	0.0000	-2.9641
509	1	2.7137SLL+1.3CF	5.1622	6.4627	5.5876	3.8418	4.7369	0.0000	0.0000	6.4627
511	0	2.7137SLL+1.3CF	-1.8513	-1.9900	-2.0573	-1.7125	-1.6452	0.0000	0.0000	-2.0573
511	0	2.7137SLL+1.3CF	0.6856	0.7821	0.7993	0.6092	0.5920	0.0000	0.0000	0.7993
511	1	2.7137SLL+1.3CF	-1.8513	-1.9017	-1.8464	-1.9308	-2.0541	0.0000	0.0000	-2.0541
511	1	2.7137SLL+1.3CF	0.6856	0.6686	0.6158	0.7226	0.7755	0.0000	0.0000	0.7755
512	0	2.7137SLL+1.3CF	-1.7636	-1.4480	-0.8410	-2.0792	-2.5962	0.0000	0.0000	-2.5962
512	0	2.7137SLL+1.3CF	4.7495	4.2795	3.4904	5.2195	6.0085	0.0000	0.0000	6.0085
512	1	2.7137SLL+1.3CF	-1.7636	-1.7467	-2.6314	-1.7785	-0.9958	0.0000	0.0000	-2.6314
512	1	2.7137SLL+1.3CF	4.7495	4.1179	5.7405	5.3810	3.7584	0.0000	0.0000	6.7405
513	0	2.7137SLL+1.3CF	-1.5673	-2.7268	-2.5948	1.0137	0.0000	0.0000	0.0000	-2.7268
513	0	2.7137SLL+1.3CF	3.0058	4.0419	3.5316	1.2439	0.0000	0.0000	0.0000	4.0419
513	1	2.7137SLL+1.3CF	-1.5673	-0.5042	-0.5258	-3.7675	0.0000	0.0000	0.0000	-3.7675
513	1	2.7137SLL+1.3CF	3.0058	2.6275	2.4132	4.2018	0.0000	0.0000	0.0000	4.2018
514	0	2.7137SLL+1.3CF	-3.6655	-3.4351	-3.2990	-5.8910	0.0000	0.0000	0.0000	-5.8910
514	0	2.7137SLL+1.3CF	1.8138	0.9039	0.4729	4.5736	0.0000	0.0000	0.0000	4.5736
514	1	2.7137SLL+1.3CF	-3.6655	-2.8061	-0.3763	-2.2290	0.0000	0.0000	0.0000	-5.3763
514	1	2.7137SLL+1.3CF	1.8138	2.3930	3.2523	-0.7520	0.0000	0.0000	0.0000	3.2523

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
515	0	LINEAmPLATES/	-0.0467	-0.0860	-0.0860	-0.0217	-0.0217	0.0000	0.0000	-0.0860
515	0	2.7137SLL+1.3CF	0.2602	0.3372	0.3372	0.2278	0.2278	0.0000	0.0000	0.3372
515	1	LINEAmPLATES/	-0.0467	-0.0118	-0.0118	-0.0528	-0.0528	0.0000	0.0000	-0.0528
515	1	2.7137SLL+1.3CF	0.2602	0.2445	0.2445	0.2667	0.2667	0.0000	0.0000	0.2667
516	0	2.7137SLL+1.3CF	-0.9510	-0.1039	-0.1039	-1.3069	-1.3069	0.0000	0.0000	-1.3069
516	0	2.7137SLL+1.3CF	0.8359	0.6860	0.6860	0.8689	0.8689	0.0000	0.0000	0.8689
516	1	2.7137SLL+1.3CF	-0.9510	-1.3238	-1.3238	-0.7944	-0.7944	0.0000	0.0000	-1.3238
516	1	2.7137SLL+1.3CF	0.8359	0.6830	0.6830	0.9002	0.9002	0.0000	0.0000	0.9002
518	0	2.7137SLL+1.3CF	-1.5880	-1.9675	-1.5521	-1.1704	-1.5859	0.0000	0.0000	-1.9675
518	0	2.7137SLL+1.3CF	0.9857	0.5480	0.7796	0.3833	0.3917	0.0000	0.0000	0.7796
518	1	2.7137SLL+1.3CF	-1.5880	-1.3880	-1.5384	-1.7469	-1.5996	0.0000	0.0000	-1.7469
518	1	2.7137SLL+1.3CF	0.9857	0.9024	0.4930	0.6288	0.6363	0.0000	0.0000	0.6363
519	0	2.7137SLL+1.3CF	-1.3480	-0.4691	-1.1677	-2.2269	-1.5262	0.0000	0.0000	-2.2269
519	0	2.7137SLL+1.3CF	3.8572	1.4488	4.2748	6.4655	3.8396	0.0000	0.0000	6.4655
519	1	2.7137SLL+1.3CF	-1.3480	-1.9877	-1.8184	-0.7083	-0.7795	0.0000	0.0000	-1.9877
519	1	2.7137SLL+1.3CF	3.8572	5.2269	5.3212	2.6674	2.8932	0.0000	0.0000	5.3212
521	0	2.7137SLL+1.3CF	-1.1222	-1.2691	-1.4827	-0.9753	-0.7517	0.0000	0.0000	-1.4827
521	0	2.7137SLL+1.3CF	0.3732	0.4717	0.4608	0.2746	0.2656	0.0000	0.0000	0.4717
521	1	2.7137SLL+1.3CF	-1.1222	-0.9646	-0.8447	-1.2798	-1.2987	0.0000	0.0000	-1.2987
521	1	2.7137SLL+1.3CF	0.3732	0.3007	0.3121	0.4457	0.4343	0.0000	0.0000	0.4457
522	0	2.7137SLL+1.3CF	-1.0177	-0.3106	-0.3477	-1.7248	-1.6677	0.0000	0.0000	-1.7248
522	0	2.7137SLL+1.3CF	3.0159	1.2486	1.3404	4.7832	4.6915	0.0000	0.0000	4.7832
522	1	2.7137SLL+1.3CF	-1.0177	-1.8358	-1.5639	-0.1986	-0.4716	0.0000	0.0000	-1.8358
522	1	2.7137SLL+1.3CF	3.0159	5.2872	4.3145	0.7447	1.7174	0.0000	0.0000	5.2872
524	0	2.7137SLL+1.3CF	-0.6745	-1.2139	-1.2283	-0.5356	-0.5206	0.0000	0.0000	-1.2283
524	0	2.7137SLL+1.3CF	0.2603	0.4131	0.4075	0.1675	0.1731	0.0000	0.0000	0.4131
524	1	2.7137SLL+1.3CF	-0.6745	-0.5299	-0.3378	-1.2182	-1.2115	0.0000	0.0000	-1.2182
524	1	2.7137SLL+1.3CF	0.2603	0.1747	0.1656	0.4056	0.4150	0.0000	0.0000	0.4150
525	0	2.7137SLL+1.3CF	-0.6100	-0.1104	0.1533	-1.1096	-1.3733	0.0000	0.0000	-1.3733
525	0	2.7137SLL+1.3CF	1.5977	0.5934	-0.3323	2.8021	3.5277	0.0000	0.0000	3.5277
525	1	2.7137SLL+1.3CF	-0.6100	-1.2845	-1.0918	0.0445	-0.1283	0.0000	0.0000	-1.2845
525	1	2.7137SLL+1.3CF	1.5977	3.2668	2.6676	-0.0733	0.4979	0.0000	0.0000	3.2668
527	0	2.7137SLL+1.3CF	-0.2031	-0.4225	-0.3587	0.0162	-0.0475	0.0000	0.0000	-0.4225
527	0	2.7137SLL+1.3CF	0.0702	0.1368	0.1271	0.0035	0.0132	0.0000	0.0000	0.1368

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
527	1	2.7137SLL+1.3CF	-0.2031	-0.3407	-0.0074	-0.3656	-0.3986	0.0000	0.0000	-0.3986
527	1	2.7137SLL+1.3CF	0.0702	0.0597	-0.0414	0.0806	0.1818	0.0000	0.0000	0.1818
528	0	2.7137SLL+1.3CF	-0.2838	0.2267	0.3997	-0.7943	-0.9673	0.0000	0.0000	-0.9673
528	0	2.7137SLL+1.3CF	0.7641	-0.5389	-1.1113	2.0661	2.8368	0.0000	0.0000	2.8368
528	1	2.7137SLL+1.3CF	-0.2838	-0.7430	-0.8550	0.1754	0.2874	0.0000	0.0000	-0.8550
528	1	2.7137SLL+1.3CF	0.7641	1.8891	2.2925	-0.4609	-0.7644	0.0000	0.0000	2.2925
529	0	2.7137SLL+1.3CF	-1.2734	-3.9657	-2.8289	3.7040	0.0000	0.0000	0.0000	-3.9657
529	0	2.7137SLL+1.3CF	0.9325	3.3923	2.8872	-3.9492	0.0000	0.0000	0.0000	-3.9492
529	1	2.7137SLL+1.3CF	-1.2734	0.8211	0.2808	-5.4857	0.0000	0.0000	0.0000	-5.4857
529	1	2.7137SLL+1.3CF	0.9325	-0.8893	-0.5747	4.8347	0.0000	0.0000	0.0000	4.8347
530	0	2.7137SLL+1.3CF	-2.0872	-4.1787	-4.4107	3.2125	0.0000	0.0000	0.0000	-4.4107
530	0	2.7137SLL+1.3CF	1.0896	3.2895	3.3456	-4.2245	0.0000	0.0000	0.0000	-4.2245
530	1	2.7137SLL+1.3CF	-2.0872	0.8584	-0.0251	-7.8792	0.0000	0.0000	0.0000	-7.8792
530	1	2.7137SLL+1.3CF	1.0896	-1.6168	-0.8438	6.4643	0.0000	0.0000	0.0000	6.4643
531	0	2.7137SLL+1.3CF	-0.0725	0.3158	0.3158	-0.2357	-0.2357	0.0000	0.0000	0.3158
531	0	2.7137SLL+1.3CF	0.2019	-0.2112	-0.2112	0.3753	0.3753	0.0000	0.0000	0.3753
531	1	2.7137SLL+1.3CF	-0.0725	-0.8046	-0.8046	0.2350	0.2350	0.0000	0.0000	-0.8046
531	1	2.7137SLL+1.3CF	0.2019	1.2312	1.2312	-0.2307	-0.2307	0.0000	0.0000	1.2312
532	0	2.7137SLL+1.3CF	-0.3275	-0.2308	-0.2308	-0.3661	-0.3661	0.0000	0.0000	-0.3661
532	0	2.7137SLL+1.3CF	0.5093	0.4802	0.4802	0.5214	0.5214	0.0000	0.0000	0.5214
532	1	2.7137SLL+1.3CF	-0.3275	-0.3862	-0.3862	-0.3028	-0.3028	0.0000	0.0000	-0.3862
532	1	2.7137SLL+1.3CF	0.5093	0.4399	0.4399	0.5364	0.5364	0.0000	0.0000	0.5364
534	0	2.7137SLL+1.3CF	-0.8103	-1.3777	-0.8059	-0.5868	0.0000	0.0000	0.0000	-1.3777
534	0	2.7137SLL+1.3CF	0.9808	-0.8881	-1.3586	5.0696	0.0000	0.0000	0.0000	5.0696
534	1	2.7137SLL+1.3CF	-0.8103	-0.4353	-0.8697	-1.2617	0.0000	0.0000	0.0000	-1.2617
534	1	2.7137SLL+1.3CF	0.9808	2.5852	2.6798	-3.9793	0.0000	0.0000	0.0000	-3.9793
535	0	2.7137SLL+1.3CF	-2.0765	-3.6879	-4.4096	2.8725	0.0000	0.0000	0.0000	-4.4096
535	0	2.7137SLL+1.3CF	0.7479	2.0853	2.3579	-2.7915	0.0000	0.0000	0.0000	-2.7915
535	1	2.7137SLL+1.3CF	-2.0765	-0.9411	0.1819	-6.3359	0.0000	0.0000	0.0000	-6.3359
535	1	2.7137SLL+1.3CF	0.7479	-0.3761	-0.8145	4.0285	0.0000	0.0000	0.0000	4.0285
536	0	2.7137SLL+1.3CF	-0.0994	-0.5218	-0.5218	0.0781	0.0781	0.0000	0.0000	-0.5218
536	0	2.7137SLL+1.3CF	0.2218	-0.0384	-0.0384	0.3311	0.3311	0.0000	0.0000	0.3311
536	1	2.7137SLL+1.3CF	-0.0994	0.3378	0.3378	-0.2829	-0.2829	0.0000	0.0000	0.3378
536	1	2.7137SLL+1.3CF	0.2218	0.6955	0.6955	0.0228	0.0228	0.0000	0.0000	0.6955

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
537	0	2.7137SLL+1.3CF	-0.3935	-0.3478	-0.3478	-0.4127	-0.4127	0.0000	0.0000	-0.4127
537	0	2.7137SLL+1.3CF	0.7110	0.7869	0.7869	0.6791	0.6791	0.0000	0.0000	0.7869
537	1	2.7137SLL+1.3CF	-0.3935	-0.4425	-0.4425	-0.3729	-0.3729	0.0000	0.0000	-0.4425
537	1	2.7137SLL+1.3CF	0.7110	0.6368	0.6368	0.7413	0.7413	0.0000	0.0000	0.7413
539	0	2.7137SLL+1.3CF	-0.2962	-0.5835	0.5983	0.0810	-0.9308	0.0000	0.0000	-0.9308
539	0	2.7137SLL+1.3CF	0.0330	-0.0672	0.1378	0.1331	-0.0718	0.0000	0.0000	0.1378
539	1	2.7137SLL+1.3CF	-0.2962	-0.3708	-0.5065	-0.1618	-0.0260	0.0000	0.0000	-0.5065
539	1	2.7137SLL+1.3CF	0.0330	0.0317	0.0168	0.0342	0.0491	0.0000	0.0000	0.0491
540	0	2.7137SLL+1.3CF	-0.3967	-0.8339	-1.0396	0.1205	0.3152	0.0000	0.0000	-1.0396
540	0	2.7137SLL+1.3CF	1.2650	2.6368	3.2185	-0.1067	-0.6844	0.0000	0.0000	3.2185
540	1	2.7137SLL+1.3CF	-0.3567	0.1817	0.3925	-0.8952	-1.1060	0.0000	0.0000	-1.1060
540	1	2.7137SLL+1.3CF	1.2650	0.0186	-0.7911	2.5114	3.3211	0.0000	0.0000	3.3211
542	0	2.7137SLL+1.3CF	-0.9502	-0.4918	-0.6470	-1.4085	-1.2533	0.0000	0.0000	-1.4085
542	0	2.7137SLL+1.3CF	0.3624	0.1049	0.2958	0.8000	0.4091	0.0000	0.0000	0.8000
542	1	2.7137SLL+1.3CF	-0.9502	-1.2742	-1.3938	-0.6261	-0.5065	0.0000	0.0000	-1.3938
542	1	2.7137SLL+1.3CF	0.3624	0.4751	0.5292	0.2297	0.1756	0.0000	0.0000	0.5292
543	0	2.7137SLL+1.3CF	-0.7425	-1.5049	-1.5475	0.0186	0.0620	0.0000	0.0000	-1.5475
543	0	2.7137SLL+1.3CF	2.1267	3.8000	3.1066	0.3184	1.1468	0.0000	0.0000	3.8000
543	1	2.7137SLL+1.3CF	-0.7425	-0.0974	0.3608	-1.3878	-1.8455	0.0000	0.0000	-1.8455
543	1	2.7137SLL+1.3CF	2.1267	1.2824	-0.1421	2.8810	4.3955	0.0000	0.0000	4.3955
545	0	2.7137SLL+1.3CF	-1.1864	-0.9315	-1.0824	-1.4014	-1.2704	0.0000	0.0000	-1.4014
545	0	2.7137SLL+1.3CF	0.4718	0.3501	0.4078	0.5634	0.5059	0.0000	0.0000	0.5634
545	1	2.7137SLL+1.3CF	-1.1864	-1.4523	-1.4062	-0.9806	-0.8267	0.0000	0.0000	-1.4523
545	1	2.7137SLL+1.3CF	0.4718	0.6442	0.5830	0.2994	0.3606	0.0000	0.0000	0.6442
548	0	2.7137SLL+1.3CF	-1.2313	-2.4157	-1.9084	-0.0869	-0.5432	0.0000	0.0000	-2.4157
548	0	2.7137SLL+1.3CF	3.0290	5.2471	4.1508	0.8108	1.9072	0.0000	0.0000	5.2471
548	1	2.7137SLL+1.3CF	-1.2313	-0.5287	-0.0809	-1.9729	-2.4523	0.0000	0.0000	-2.4523
548	1	2.7137SLL+1.3CF	3.0290	1.5511	1.4156	4.5069	4.6424	0.0000	0.0000	4.6424
548	0	2.7137SLL+1.3CF	-1.5435	-1.4793	-1.4877	-1.6077	-1.6293	0.0000	0.0000	-1.6293
548	0	2.7137SLL+1.3CF	0.7036	0.6595	0.5708	0.7478	0.8365	0.0000	0.0000	0.8365
548	1	2.7137SLL+1.3CF	-1.5435	-0.8794	-2.4218	-2.1075	-0.8654	0.0000	0.0000	-2.4218
548	1	2.7137SLL+1.3CF	0.7036	0.3186	1.3395	1.0879	0.0879	0.0000	0.0000	1.3395
549	0	2.7137SLL+1.3CF	-1.7442	-2.7958	-2.2740	-0.6025	-1.2144	0.0000	0.0000	-2.7958
549	0	2.7137SLL+1.3CF	3.9134	5.7472	4.4815	2.0636	3.3093	0.0000	0.0000	5.7472

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
549	1	2.7137SLL+1.3CF	-1.7442	-0.9786	-1.1256	-2.5118	-2.3628	0.0000	0.0000	-2.5118
549	1	2.7137SLL+1.3CF	3.9134	2.5868	3.2407	5.2420	4.9901	0.0000	0.0000	5.2420
550	0	2.7137SLL+1.3CF	-0.5873	-1.0510	-0.9296	0.3154	0.0000	0.0000	0.0000	-1.0510
550	0	2.7137SLL+1.3CF	1.8922	3.9333	3.5997	3.5586	0.0000	0.0000	0.0000	3.5586
550	1	2.7137SLL+1.3CF	-0.5873	-0.2003	-0.2378	-1.5319	0.0000	0.0000	0.0000	-1.5319
550	1	2.7137SLL+1.3CF	1.8922	2.5871	2.3663	-0.1747	0.0000	0.0000	0.0000	2.5871
551	0	2.7137SLL+1.3CF	-2.2859	-3.3904	-3.2523	0.2206	0.0000	0.0000	0.0000	-3.3904
551	0	2.7137SLL+1.3CF	0.7545	0.3310	0.2584	1.8214	0.0000	0.0000	0.0000	1.8214
551	1	2.7137SLL+1.3CF	-2.2859	-1.2653	-1.5160	-4.3014	0.0000	0.0000	0.0000	-4.3014
551	1	2.7137SLL+1.3CF	0.7545	1.0196	1.1760	-0.0825	0.0000	0.0000	0.0000	1.1760
552	0	2.7137SLL+1.3CF	-0.1306	-0.0057	-0.0057	-0.1831	-0.1831	0.0000	0.0000	-0.1831
552	0	2.7137SLL+1.3CF	0.3163	0.1078	0.1078	0.4038	0.4038	0.0000	0.0000	0.4038
552	1	2.7137SLL+1.3CF	-0.1306	-0.2282	-0.2282	-0.0806	-0.0806	0.0000	0.0000	-0.2282
552	1	2.7137SLL+1.3CF	0.3163	0.6324	0.6324	0.1634	0.1634	0.0000	0.0000	0.6324
553	0	2.7137SLL+1.3CF	-2.1068	-1.7008	-1.7008	-2.2777	-2.2777	0.0000	0.0000	-2.2777
553	0	2.7137SLL+1.3CF	1.5436	1.2817	1.2817	1.6835	1.6835	0.0000	0.0000	1.6835
553	1	2.7137SLL+1.3CF	-2.1068	-1.8460	-1.8460	-2.2168	-2.2168	0.0000	0.0000	-2.2168
553	1	2.7137SLL+1.3CF	1.5436	1.2521	1.2521	1.6660	1.6660	0.0000	0.0000	1.6660
555	0	2.7137SLL+1.3CF	-1.8247	-1.8318	-1.7082	-1.8176	-1.9432	0.0000	0.0000	-1.9432
555	0	2.7137SLL+1.3CF	0.8695	1.0060	0.5724	0.7330	1.1867	0.0000	0.0000	1.1867
555	1	2.7137SLL+1.3CF	-1.8247	-1.8806	-2.0956	-1.7668	-1.5536	0.0000	0.0000	-2.0956
555	1	2.7137SLL+1.3CF	0.8695	0.8163	1.0604	0.8228	0.6484	0.0000	0.0000	1.0604
556	0	2.7137SLL+1.3CF	-2.3094	-2.4407	-3.3689	-2.1760	-1.2498	0.0000	0.0000	-3.3689
556	0	2.7137SLL+1.3CF	4.7118	4.6836	6.1509	4.7396	3.2729	0.0000	0.0000	6.1509
556	1	2.7137SLL+1.3CF	-2.3094	-2.0844	-0.9394	-2.5343	-3.6783	0.0000	0.0000	-3.6783
556	1	2.7137SLL+1.3CF	4.7118	4.9422	2.8303	4.4614	6.7932	0.0000	0.0000	6.7932
558	0	2.7137SLL+1.3CF	-2.0835	-1.9851	-2.1764	-2.1819	-1.9886	0.0000	0.0000	-2.1819
558	0	2.7137SLL+1.3CF	1.0529	0.8948	1.0704	1.2110	1.0364	0.0000	0.0000	1.2110
558	1	2.7137SLL+1.3CF	-2.0835	-2.0700	-2.3486	-2.0969	-1.8183	0.0000	0.0000	-2.3486
558	1	2.7137SLL+1.3CF	1.0529	1.0920	1.2806	1.0136	0.8252	0.0000	0.0000	1.2806
559	0	2.7137SLL+1.3CF	-2.7803	-4.2182	-3.0763	-1.3425	-2.4844	0.0000	0.0000	-4.2182
559	0	2.7137SLL+1.3CF	5.2355	7.3225	4.9637	3.1485	5.5074	0.0000	0.0000	7.3225
559	1	2.7137SLL+1.3CF	-2.7803	-2.8417	-0.8492	-2.7190	-4.7115	0.0000	0.0000	-4.7115
559	1	2.7137SLL+1.3CF	5.2355	6.2234	2.5048	4.2473	7.9662	0.0000	0.0000	7.9662

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
561	0	2.7137SLL+1.3CF	-2.2001	-2.0776	-2.3671	-2.3226	-2.0331	0.0000	0.0000	-2.3671
561	0	2.7137SLL+1.3CF	1.2238	1.0523	1.3454	1.3650	1.2018	0.0000	0.0000	1.3650
561	1	2.7137SLL+1.3CF	-2.2001	-2.2734	-2.3604	-2.1268	-2.0398	0.0000	0.0000	-2.3604
561	1	2.7137SLL+1.3CF	1.2238	1.3811	1.3734	1.0662	1.0739	0.0000	0.0000	1.3811
562	0	2.7137SLL+1.3CF	-3.2828	-5.1116	-3.1123	-1.4541	-3.4534	0.0000	0.0000	-5.1116
562	0	2.7137SLL+1.3CF	5.7134	8.1390	4.4405	3.3877	6.9962	0.0000	0.0000	8.1390
562	1	2.7137SLL+1.3CF	-3.2828	-3.0604	-1.8732	-3.5053	-4.8925	0.0000	0.0000	-4.8925
562	1	2.7137SLL+1.3CF	5.7134	6.4303	3.9182	4.9964	7.5085	0.0000	0.0000	7.5085
564	0	2.7137SLL+1.3CF	-2.4091	-2.4365	-2.4888	-2.3817	-2.3495	0.0000	0.0000	-2.4888
564	0	2.7137SLL+1.3CF	1.4780	1.4431	1.4378	1.5128	1.5181	0.0000	0.0000	1.5181
564	1	2.7137SLL+1.3CF	-2.4091	-2.0686	-2.6908	-2.7464	-1.8277	0.0000	0.0000	-2.8908
564	1	2.7137SLL+1.3CF	1.4780	1.1038	2.0726	1.8621	0.8833	0.0000	0.0000	2.0726
565	0	2.7137SLL+1.3CF	-3.7535	-5.2366	-3.8243	-2.2975	-3.8628	0.0000	0.0000	-5.2366
565	0	2.7137SLL+1.3CF	6.0331	7.8858	5.1357	4.4008	6.9308	0.0000	0.0000	7.8858
565	1	2.7137SLL+1.3CF	-3.7535	-2.5046	-5.4348	-5.0025	-4.0723	0.0000	0.0000	-5.0025
565	1	2.7137SLL+1.3CF	6.0331	4.8057	8.3420	7.2806	5.8243	0.0000	0.0000	7.2806
566	0	2.7137SLL+1.3CF	-0.8465	-0.8534	-0.7348	-0.3244	0.0000	0.0000	0.0000	-0.8534
566	0	2.7137SLL+1.3CF	2.4477	2.2564	2.0338	3.2103	0.0000	0.0000	0.0000	3.2103
566	1	2.7137SLL+1.3CF	-0.8465	-0.5921	-0.5534	-0.8361	0.0000	0.0000	0.0000	-0.8361
566	1	2.7137SLL+1.3CF	2.4477	2.8728	2.6863	1.6606	0.0000	0.0000	0.0000	2.8728
567	0	2.7137SLL+1.3CF	-2.8910	-3.6001	-3.4642	-1.3407	0.0000	0.0000	0.0000	-3.6001
567	0	2.7137SLL+1.3CF	0.8748	0.8116	0.5776	1.5483	0.0000	0.0000	0.0000	1.5483
567	1	2.7137SLL+1.3CF	-2.8910	-2.1012	-2.5431	-4.1610	0.0000	0.0000	0.0000	-4.1610
567	1	2.7137SLL+1.3CF	0.8748	0.9644	1.1772	0.3680	0.0000	0.0000	0.0000	1.1772
568	0	2.7137SLL+1.3CF	-0.3378	0.0779	0.0779	-0.5124	-0.5124	0.0000	0.0000	-0.5124
568	0	2.7137SLL+1.3CF	0.2536	0.2592	0.2592	0.2515	0.2515	0.0000	0.0000	0.2592
568	1	2.7137SLL+1.3CF	-0.3378	-0.6518	-0.6518	-0.2059	-0.2059	0.0000	0.0000	-0.6518
568	1	2.7137SLL+1.3CF	0.2536	0.7350	0.7350	0.0516	0.0516	0.0000	0.0000	0.7350
569	0	2.7137SLL+1.3CF	-2.8210	-2.2640	-2.2640	-3.0550	-3.0550	0.0000	0.0000	-3.0550
569	0	2.7137SLL+1.3CF	2.1279	1.8841	1.8841	2.3144	2.3144	0.0000	0.0000	2.3144
569	1	2.7137SLL+1.3CF	-2.8210	-2.4578	-2.4578	-2.9738	-2.9738	0.0000	0.0000	-2.9738
569	1	2.7137SLL+1.3CF	2.1279	1.8418	1.8418	2.2482	2.2482	0.0000	0.0000	2.2482
571	0	2.7137SLL+1.3CF	-3.8597	-3.9524	-4.3482	-3.3671	-2.9712	0.0000	0.0000	-4.3482
571	0	2.7137SLL+1.3CF	2.1993	2.3563	2.3511	2.0423	2.0478	0.0000	0.0000	2.3563

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
571	1	2.7137SLL+1.3CF	-3.8597	-2.6583	-3.1447	-4.8601	-4.1747	0.0000	0.0000	-4.8601
571	1	2.7137SLL+1.3CF	2.1993	1.5869	2.2939	2.7968	2.1047	0.0000	0.0000	2.7968
572	0	2.7137SLL+1.3CF	-4.4594	-4.5202	-5.0600	-4.3957	-2.9589	0.0000	0.0000	-5.0600
572	0	2.7137SLL+1.3CF	6.5992	6.1837	7.8414	7.0147	5.2569	0.0000	0.0000	7.9414
572	1	2.7137SLL+1.3CF	-4.4594	-4.4385	-2.1422	-4.4603	-6.7767	0.0000	0.0000	-6.7767
572	1	2.7137SLL+1.3CF	6.5992	7.3416	4.2186	5.8585	8.9788	0.0000	0.0000	8.9788
574	0	2.7137SLL+1.3CF	-3.3804	-3.9954	-4.5810	-2.7655	-2.1798	0.0000	0.0000	-4.5810
574	0	2.7137SLL+1.3CF	4.0298	3.9549	4.8484	4.1047	3.4102	0.0000	0.0000	4.8484
574	1	2.7137SLL+1.3CF	-3.3804	-2.4529	-2.5881	-4.3080	-4.1828	0.0000	0.0000	-4.3080
574	1	2.7137SLL+1.3CF	4.0298	4.1338	4.4366	3.9258	3.9230	0.0000	0.0000	4.4366
575	0	2.7137SLL+1.3CF	-5.1131	-7.4936	-5.1183	-2.7727	-5.1100	0.0000	0.0000	-7.4936
575	0	2.7137SLL+1.3CF	6.9629	8.9709	5.8181	5.0146	6.1678	0.0000	0.0000	8.9709
575	1	2.7137SLL+1.3CF	-5.1131	-5.8279	-1.9521	-4.3883	-8.2742	0.0000	0.0000	-8.2742
575	1	2.7137SLL+1.3CF	6.9629	8.3840	4.4399	4.6017	8.5458	0.0000	0.0000	8.5458
577	0	2.7137SLL+1.3CF	-6.1363	-8.3628	-7.6822	-3.9099	-4.5803	0.0000	0.0000	-8.3629
577	0	2.7137SLL+1.3CF	4.6662	3.8033	4.1224	5.5991	5.2700	0.0000	0.0000	5.5991
577	1	2.7137SLL+1.3CF	-6.1363	-4.5853	-4.0468	-7.7073	-8.2237	0.0000	0.0000	-8.2237
577	1	2.7137SLL+1.3CF	4.6662	3.8601	5.9726	3.7324	3.4187	0.0000	0.0000	5.9726
578	0	2.7137SLL+1.3CF	-5.7529	-8.8585	-4.6130	-2.8494	-6.8628	0.0000	0.0000	-8.8585
578	0	2.7137SLL+1.3CF	8.7811	8.8564	3.7274	4.9058	8.8348	0.0000	0.0000	8.8348
578	1	2.7137SLL+1.3CF	-5.7529	-6.2336	-2.8182	-5.2723	-8.8896	0.0000	0.0000	-8.8896
579	1	2.7137SLL+1.3CF	8.7811	9.0803	5.2421	4.5018	8.3201	0.0000	0.0000	9.0803
580	0	2.7137SLL+1.3CF	-5.7888	-8.0859	-8.1815	-3.5118	-3.4182	0.0000	0.0000	-8.1815
580	0	2.7137SLL+1.3CF	5.3946	3.7803	4.2437	7.0080	6.5458	0.0000	0.0000	7.0080
580	1	2.7137SLL+1.3CF	-5.7888	-2.6808	-4.4264	-8.8968	-7.1523	0.0000	0.0000	-8.8968
580	1	2.7137SLL+1.3CF	5.3946	5.9469	8.1582	4.8427	3.6314	0.0000	0.0000	8.1582
581	0	2.7137SLL+1.3CF	-6.2759	-8.6905	-5.2456	-3.5874	-7.3123	0.0000	0.0000	-8.6905
581	0	2.7137SLL+1.3CF	8.5579	8.0264	4.2442	5.0894	8.8716	0.0000	0.0000	8.8716
581	1	2.7137SLL+1.3CF	-6.2759	-5.7021	-5.7960	-8.8557	-8.7599	0.0000	0.0000	-8.8557
581	1	2.7137SLL+1.3CF	8.5579	8.3498	8.5881	6.7660	6.5497	0.0000	0.0000	8.7660
582	0	2.7137SLL+1.3CF	-0.9717	-1.5166	-1.1618	-0.1941	0.0000	0.0000	0.0000	-1.5166
582	0	2.7137SLL+1.3CF	2.5144	2.4231	1.0209	4.6670	0.0000	0.0000	0.0000	4.6670
582	1	2.7137SLL+1.3CF	-0.9717	-0.9129	-0.6078	-1.1185	0.0000	0.0000	0.0000	-1.1185
582	1	2.7137SLL+1.3CF	2.5144	2.5203	2.8585	2.0035	0.0000	0.0000	0.0000	2.8585

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
583	0	2.7137SLL+1.3CF	-2.8272	-1.8859	-2.2406	-4.5864	0.0000	0.0000	0.0000	-4.5864
583	0	2.7137SLL+1.3CF	1.0517	1.0261	1.3226	0.7034	0.0000	0.0000	0.0000	1.3226
583	1	2.7137SLL+1.3CF	-2.8272	-4.7031	-4.0102	0.8614	0.0000	0.0000	0.0000	-4.7031
583	1	2.7137SLL+1.3CF	1.0517	0.8519	0.6298	1.7336	0.0000	0.0000	0.0000	1.7336
584	0	2.7137SLL+1.3CF	-0.4802	-0.6110	-0.6110	-0.4253	-0.4253	0.0000	0.0000	-0.6110
584	0	2.7137SLL+1.3CF	1.0716	-0.6842	-0.6842	1.8008	1.8008	0.0000	0.0000	1.8008
584	1	2.7137SLL+1.3CF	-0.4802	-0.1705	-0.1705	-0.6104	-0.6104	0.0000	0.0000	-0.6104
584	1	2.7137SLL+1.3CF	1.0716	2.1785	2.1785	0.9065	0.9065	0.0000	0.0000	2.1785
585	0	2.7137SLL+1.3CF	-2.7004	-1.8842	-1.8842	-2.8670	-2.8670	0.0000	0.0000	-2.8670
585	0	2.7137SLL+1.3CF	2.5136	1.8081	1.8081	2.8100	2.8100	0.0000	0.0000	2.8100
585	1	2.7137SLL+1.3CF	-2.7004	-2.3748	-2.3748	-2.8371	-2.8371	0.0000	0.0000	-2.8371
585	1	2.7137SLL+1.3CF	2.5136	2.1678	2.1678	2.8589	2.8589	0.0000	0.0000	2.8589
587	0	2.7137SLL+1.3CF	-5.7176	-7.5075	-9.7196	-3.9277	-1.7158	0.0000	0.0000	-9.7196
587	0	2.7137SLL+1.3CF	5.7409	2.8403	5.2642	8.8414	6.2175	0.0000	0.0000	8.8414
587	1	2.7137SLL+1.3CF	-5.7176	-2.4370	-2.9828	-8.8962	-6.4724	0.0000	0.0000	-8.8962
587	1	2.7137SLL+1.3CF	5.7409	7.5089	8.0508	3.9746	3.4310	0.0000	0.0000	8.0508
588	0	2.7137SLL+1.3CF	-6.8208	-7.1411	-7.1085	-6.7006	-6.7332	0.0000	0.0000	-7.1411
588	0	2.7137SLL+1.3CF	5.9607	5.5232	5.8618	6.3962	6.2588	0.0000	0.0000	6.3962
588	1	2.7137SLL+1.3CF	-6.8208	-6.3673	-3.8458	-5.4543	-8.8959	0.0000	0.0000	-8.9959
588	1	2.7137SLL+1.3CF	5.9607	8.1713	5.1241	3.7501	6.7973	0.0000	0.0000	8.1713
590	0	2.7137SLL+1.3CF	-4.9034	-6.1813	-6.5433	-1.6254	-1.2635	0.0000	0.0000	-6.5433
590	0	2.7137SLL+1.3CF	5.2876	3.8864	4.5246	5.5868	5.0503	0.0000	0.0000	5.5868
590	1	2.7137SLL+1.3CF	-4.9034	-1.1116	-1.7445	-6.8952	-6.0622	0.0000	0.0000	-6.8952
590	1	2.7137SLL+1.3CF	5.2876	8.4321	6.7985	4.1431	3.7767	0.0000	0.0000	8.7985
591	0	2.7137SLL+1.3CF	-7.3826	-10.5320	-9.9866	-4.2333	-8.7787	0.0000	0.0000	-10.5320
591	0	2.7137SLL+1.3CF	5.2183	5.3992	2.3762	5.0374	8.0604	0.0000	0.0000	8.0604
591	1	2.7137SLL+1.3CF	-7.3826	-9.2049	-3.2960	-5.5803	-11.4693	0.0000	0.0000	-11.4693
591	1	2.7137SLL+1.3CF	5.2183	8.3067	4.4900	2.1299	5.9467	0.0000	0.0000	8.3067
593	0	2.7137SLL+1.3CF	-4.2203	-7.8495	-8.1195	-0.5910	-0.3210	0.0000	0.0000	-8.1195
593	0	2.7137SLL+1.3CF	6.7947	4.4453	4.8091	9.1241	9.7803	0.0000	0.0000	9.1241
593	1	2.7137SLL+1.3CF	-4.2203	-0.4645	-0.4718	-7.9761	-7.9687	0.0000	0.0000	-7.9761
593	1	2.7137SLL+1.3CF	6.7947	9.0075	9.3505	4.5616	4.2189	0.0000	0.0000	9.3505
594	0	2.7137SLL+1.3CF	-7.9208	-11.7217	-5.6113	-4.1199	-10.0302	0.0000	0.0000	-11.7217
594	0	2.7137SLL+1.3CF	4.4409	3.6784	2.2418	5.2033	6.6402	0.0000	0.0000	6.6402

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
594	1	2.7137SLL+1.3CF	-7.9208	-8.7111	-4.7897	-7.1305	-11.0519	0.0000	0.0000	-11.0519
594	1	2.7137SLL+1.3CF	4.4409	6.3673	3.8957	2.5144	3.1950	0.0000	0.0000	6.3673
596	0	2.7137SLL+1.3CF	-3.0968	-6.9227	-6.7969	0.7251	0.5913	0.0000	0.0000	-6.9227
596	0	2.7137SLL+1.3CF	7.3319	5.1670	5.3112	9.4986	9.1524	0.0000	0.0000	9.4986
596	1	2.7137SLL+1.3CF	-3.0968	0.6956	0.2287	-7.0932	-6.4243	0.0000	0.0000	-7.0932
596	1	2.7137SLL+1.3CF	7.3319	9.4101	10.4882	6.2535	4.1793	0.0000	0.0000	10.4882
597	0	2.7137SLL+1.3CF	-8.3963	-10.9490	-7.0293	-5.8477	-9.7673	0.0000	0.0000	-10.9490
597	0	2.7137SLL+1.3CF	3.6697	3.8954	2.2511	4.4440	5.0983	0.0000	0.0000	5.0983
597	1	2.7137SLL+1.3CF	-8.3963	-6.9576	-6.8208	-8.8390	-8.1758	0.0000	0.0000	-8.8390
597	1	2.7137SLL+1.3CF	3.6697	3.1172	4.9488	4.2232	2.3908	0.0000	0.0000	4.9488
598	0	2.7137SLL+1.3CF	-2.2572	-3.7250	-2.8103	-0.0259	0.0000	0.0000	0.0000	-3.7250
598	0	2.7137SLL+1.3CF	1.7428	1.2023	0.1844	4.4334	0.0000	0.0000	0.0000	4.4334
598	1	2.7137SLL+1.3CF	-2.2572	-1.8328	-2.0806	-2.9073	0.0000	0.0000	0.0000	-2.9073
598	1	2.7137SLL+1.3CF	1.7425	1.5828	1.9008	1.8857	0.0000	0.0000	0.0000	1.9008
599	0	2.7137SLL+1.3CF	-2.0302	-0.5532	-0.6922	-6.3540	0.0000	0.0000	0.0000	-6.3540
599	0	2.7137SLL+1.3CF	2.0651	1.9070	2.4952	1.6294	0.0000	0.0000	0.0000	2.4952
599	1	2.7137SLL+1.3CF	-2.0302	-4.7561	-4.2559	3.7696	0.0000	0.0000	0.0000	-4.7561
599	1	2.7137SLL+1.3CF	2.0651	1.6329	1.0416	3.7100	0.0000	0.0000	0.0000	3.7100
600	0	2.7137SLL+1.3CF	-0.5448	-0.3333	-0.3333	-0.6337	-0.6337	0.0000	0.0000	-0.6337
600	0	2.7137SLL+1.3CF	0.8701	-0.1794	-0.1794	1.0270	1.0270	0.0000	0.0000	1.0270
600	1	2.7137SLL+1.3CF	-0.5448	-0.5429	-0.5429	-0.5456	-0.5456	0.0000	0.0000	-0.5456
600	1	2.7137SLL+1.3CF	0.8701	1.1406	1.1406	0.4724	0.4724	0.0000	0.0000	1.1406
601	0	2.7137SLL+1.3CF	-2.1589	-1.7137	-1.7137	-2.3473	-2.3473	0.0000	0.0000	-2.3473
601	0	2.7137SLL+1.3CF	2.3692	1.5310	1.5310	2.7213	2.7213	0.0000	0.0000	2.7213
601	1	2.7137SLL+1.3CF	-2.1589	-1.9178	-1.9178	-2.2615	-2.2615	0.0000	0.0000	-2.2615
601	1	2.7137SLL+1.3CF	2.3692	2.2618	2.2618	2.4143	2.4143	0.0000	0.0000	2.4143
603	0	2.7137SLL+1.3CF	-2.6247	-5.9671	-7.4118	0.7377	2.1824	0.0000	0.0000	-7.4118
603	0	2.7137SLL+1.3CF	7.5970	4.0071	7.8521	11.1668	7.3418	0.0000	0.0000	11.1668
603	1	2.7137SLL+1.3CF	-2.6247	1.4813	1.8384	-6.7307	-7.0878	0.0000	0.0000	-7.0878
603	1	2.7137SLL+1.3CF	7.5970	9.2348	9.7024	5.9593	5.4913	0.0000	0.0000	9.7024
604	0	2.7137SLL+1.3CF	-6.8933	-6.5292	-6.6426	-6.1575	-6.3441	0.0000	0.0000	-6.6426
604	0	2.7137SLL+1.3CF	2.4816	1.0183	2.7950	3.8468	2.1782	0.0000	0.0000	3.8468
604	1	2.7137SLL+1.3CF	-6.8933	-10.6332	-9.8086	-7.3535	-12.3771	0.0000	0.0000	-12.3771
604	1	2.7137SLL+1.3CF	2.4816	3.9477	3.9412	1.4156	1.5220	0.0000	0.0000	3.9412

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
606	0	2.7137SLL+1.3CF	-1.6668	-3.0202	-2.8135	-0.3130	-0.5197	0.0000	0.0000	-3.0202
606	0	2.7137SLL+1.3CF	8.2081	9.6563	7.1136	9.7600	9.3029	0.0000	0.0000	9.7600
606	1	2.7137SLL+1.3CF	-1.6668	-0.4430	-0.2167	-2.9902	-3.1165	0.0000	0.0000	-3.1165
606	1	2.7137SLL+1.3CF	8.2081	9.6523	9.6517	6.7640	6.7646	0.0000	0.0000	9.6523
607	0	2.7137SLL+1.3CF	-9.4868	-12.9186	-7.8879	-6.0551	-11.0858	0.0000	0.0000	-12.9186
607	0	2.7137SLL+1.3CF	1.8992	1.5521	1.3054	2.1600	2.4067	0.0000	0.0000	2.4067
607	1	2.7137SLL+1.3CF	-9.4868	-11.5577	-4.7385	-7.4161	-14.2352	0.0000	0.0000	-14.2352
607	1	2.7137SLL+1.3CF	1.8992	2.8237	2.0596	0.8884	1.6625	0.0000	0.0000	2.8237
609	0	2.7137SLL+1.3CF	-0.7491	-1.7058	-1.6218	0.2073	0.1233	0.0000	0.0000	-1.7058
609	0	2.7137SLL+1.3CF	8.7947	8.1977	8.1739	8.3918	8.4156	0.0000	0.0000	8.4156
609	1	2.7137SLL+1.3CF	-0.7491	0.2022	0.2628	-1.7004	-1.7609	0.0000	0.0000	-1.7609
609	1	2.7137SLL+1.3CF	8.7947	8.4582	8.2206	8.1313	8.3689	0.0000	0.0000	8.4582
610	0	2.7137SLL+1.3CF	-10.0852	-14.2398	-7.4330	-6.9307	-12.7374	0.0000	0.0000	-14.2398
610	0	2.7137SLL+1.3CF	0.7427	0.5763	0.3671	0.9072	1.1163	0.0000	0.0000	1.1163
610	1	2.7137SLL+1.3CF	-10.0852	-11.3170	-6.9810	-8.9534	-13.2094	0.0000	0.0000	-13.2094
610	1	2.7137SLL+1.3CF	0.7427	1.1660	1.1490	0.3194	0.3364	0.0000	0.0000	1.1660
612	0	2.7137SLL+1.3CF	-1.2996	-1.4913	-1.3824	-1.2279	-1.3368	0.0000	0.0000	-1.4913
612	0	2.7137SLL+1.3CF	9.8294	11.2867	11.0281	8.3620	8.6207	0.0000	0.0000	11.2867
612	1	2.7137SLL+1.3CF	-1.2996	-1.0901	-1.3762	-1.5290	-1.3429	0.0000	0.0000	-1.5290
612	1	2.7137SLL+1.3CF	9.8294	7.5672	8.5353	12.0918	11.1235	0.0000	0.0000	12.0918
613	0	2.7137SLL+1.3CF	-10.8127	-13.2818	-8.8266	-7.7435	-12.3987	0.0000	0.0000	-13.2818
613	0	2.7137SLL+1.3CF	1.4842	1.7167	1.4213	1.2917	1.5471	0.0000	0.0000	1.7167
613	1	2.7137SLL+1.3CF	-10.8127	-9.3859	-10.9833	-12.6394	-10.8420	0.0000	0.0000	-12.6394
613	1	2.7137SLL+1.3CF	1.4842	1.0100	1.7188	1.8884	1.2495	0.0000	0.0000	1.9564
614	0	2.7137SLL+1.3CF	-1.8130	-2.3967	-1.4163	-1.7769	0.0000	0.0000	0.0000	-2.3967
614	0	2.7137SLL+1.3CF	0.5130	0.8516	0.5273	0.1543	0.0000	0.0000	0.0000	0.8516
614	1	2.7137SLL+1.3CF	-1.8130	-0.8571	-1.8356	-3.0138	0.0000	0.0000	0.0000	-3.0138
614	1	2.7137SLL+1.3CF	0.5130	0.1602	0.3668	1.0673	0.0000	0.0000	0.0000	1.0673
615	0	2.7137SLL+1.3CF	-1.5553	-0.3030	-1.2218	-3.2880	0.0000	0.0000	0.0000	-3.2880
615	0	2.7137SLL+1.3CF	0.3857	-2.2519	-2.5044	6.9450	0.0000	0.0000	0.0000	6.9450
615	1	2.7137SLL+1.3CF	-1.5553	-3.1119	-1.6850	0.5529	0.0000	0.0000	0.0000	-3.1119
615	1	2.7137SLL+1.3CF	0.3857	2.7452	3.1430	-5.8471	0.0000	0.0000	0.0000	-5.8471
616	0	2.7137SLL+1.3CF	-0.4418	0.4642	0.4642	-0.8222	-0.8222	0.0000	0.0000	-0.8222
616	0	2.7137SLL+1.3CF	0.2344	1.2398	1.2398	-0.2021	-0.2021	0.0000	0.0000	1.2398

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
616	1	2.7137SLL+1.3CF	-0.4418	-1.0949	-1.0949	-0.1871	-0.1871	0.0000	0.0000	-1.0949
616	1	2.7137SLL+1.3CF	0.2344	-0.6882	-0.6882	0.8125	0.8125	0.0000	0.0000	-0.6882
617	0	2.7137SLL+1.3CF	-0.7740	-0.8197	-0.8197	-0.7548	-0.7548	0.0000	0.0000	-0.8197
617	0	2.7137SLL+1.3CF	0.8898	0.5660	0.5660	0.7561	0.7561	0.0000	0.0000	0.7561
617	1	2.7137SLL+1.3CF	-0.7740	-0.6307	-0.6307	-0.8342	-0.8342	0.0000	0.0000	-0.8342
617	1	2.7137SLL+1.3CF	0.8898	0.8331	0.8331	0.6436	0.6436	0.0000	0.0000	0.8331
618	0	2.7137SLL+1.3CF	-1.3204	-1.4332	-1.9764	-1.2076	-0.6643	0.0000	0.0000	-1.9764
618	0	2.7137SLL+1.3CF	9.3490	11.1875	10.6632	7.5005	8.0348	0.0000	0.0000	10.6632
618	1	2.7137SLL+1.3CF	-1.3204	-0.9040	-0.8424	-1.7367	-1.7984	0.0000	0.0000	-1.7984
618	1	2.7137SLL+1.3CF	9.3490	4.5239	4.6114	14.1742	14.0868	0.0000	0.0000	14.1742
620	0	2.7137SLL+1.3CF	-9.6729	-7.1845	-7.8612	-12.1813	-11.4947	0.0000	0.0000	-12.1813
620	0	2.7137SLL+1.3CF	1.4080	0.9011	1.4601	1.9190	1.3590	0.0000	0.0000	1.9190
620	1	2.7137SLL+1.3CF	-9.6729	-14.1898	-10.4618	-5.1582	-8.8841	0.0000	0.0000	-14.1898
620	1	2.7137SLL+1.3CF	1.4080	1.8232	1.5405	0.9629	1.2756	0.0000	0.0000	1.8232
622	0	2.7137SLL+1.3CF	-0.4968	-0.3777	-0.3062	-0.6153	-0.6867	0.0000	0.0000	-0.6867
622	0	2.7137SLL+1.3CF	8.8253	12.8192	12.8759	0.8215	0.7748	0.0000	0.0000	12.8759
622	1	2.7137SLL+1.3CF	-0.4968	-0.5977	-0.5618	-0.3952	-0.4311	0.0000	0.0000	-0.5977
622	1	2.7137SLL+1.3CF	8.8253	0.7741	0.5326	12.8786	13.1181	0.0000	0.0000	13.1181
623	0	2.7137SLL+1.3CF	-8.0107	-6.5064	-2.7841	-9.5149	-13.2373	0.0000	0.0000	-13.2373
623	0	2.7137SLL+1.3CF	0.4660	0.5858	0.6501	0.4103	0.3459	0.0000	0.0000	0.6501
623	1	2.7137SLL+1.3CF	-8.0107	-13.3834	-9.0134	-2.6360	-7.0060	0.0000	0.0000	-13.3834
623	1	2.7137SLL+1.3CF	0.4660	0.5711	0.4357	0.4249	0.5604	0.0000	0.0000	0.5711
625	0	2.7137SLL+1.3CF	-1.2831	-0.3770	-0.3006	-2.1892	-2.2656	0.0000	0.0000	-2.2656
625	0	2.7137SLL+1.3CF	9.0436	11.0529	10.8042	-0.8852	-0.7164	0.0000	0.0000	11.0529
625	1	2.7137SLL+1.3CF	-1.2831	-2.2002	-2.0630	-0.3860	-0.5032	0.0000	0.0000	-2.2002
625	1	2.7137SLL+1.3CF	9.0436	-0.5861	-0.9633	10.6539	10.9511	0.0000	0.0000	10.9511
626	0	2.7137SLL+1.3CF	-6.1873	-5.1236	-0.6462	-7.2121	-11.4664	0.0000	0.0000	-11.4664
626	0	2.7137SLL+1.3CF	0.7505	1.0776	0.8908	0.4234	0.6102	0.0000	0.0000	1.0776
626	1	2.7137SLL+1.3CF	-6.1873	-10.1343	-6.1125	-2.2003	-4.2222	0.0000	0.0000	-10.1343
626	1	2.7137SLL+1.3CF	0.7505	0.7340	0.6818	0.7670	0.8182	0.0000	0.0000	0.8182
628	0	2.7137SLL+1.3CF	-0.8829	0.1493	0.3404	-2.1150	-2.3061	0.0000	0.0000	-2.3061
628	0	2.7137SLL+1.3CF	3.7561	6.4594	6.1444	1.1068	1.4518	0.0000	0.0000	6.4594
628	1	2.7137SLL+1.3CF	-0.8829	-1.7994	-2.3294	-0.1664	0.3637	0.0000	0.0000	-2.3294
628	1	2.7137SLL+1.3CF	3.7561	1.8667	1.1301	5.7296	6.4661	0.0000	0.0000	6.4661

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
629	0	2.713?SLL+1.3CF	-4.6657	-4.4621	-2.7605	-5.3254	-7.0270	0.0000	0.0000	-7.0270
629	0	2.713?SLL+1.3CF	1.6102	1.6891	1.8583	1.3313	1.3641	0.0000	0.0000	1.8891
629	1	2.713?SLL+1.3CF	-4.6657	-4.1134	-7.0471	-5.6741	-2.7404	0.0000	0.0000	-7.0471
629	1	2.713?SLL+1.3CF	1.6102	1.0036	2.0656	2.2156	1.1348	0.0000	0.0000	2.2188
630	0	2.713?SLL+1.3CF	-1.1718	-1.1067	-0.6846	-1.8164	0.0000	0.0000	0.0000	-1.8164
630	0	2.713?SLL+1.3CF	1.4636	3.4208	2.5598	-2.0050	0.0000	0.0000	0.0000	3.4208
630	1	2.713?SLL+1.3CF	-1.1719	-0.3371	-0.3367	-3.1554	0.0000	0.0000	0.0000	-3.1554
630	1	2.713?SLL+1.3CF	1.4636	0.9184	1.1649	2.3636	0.0000	0.0000	0.0000	2.3636
631	0	2.713?SLL+1.3CF	-1.6889	-2.4875	-2.6374	0.4885	0.0000	0.0000	0.0000	-2.6374
631	0	2.713?SLL+1.3CF	1.3259	-0.5088	-0.1913	5.2133	0.0000	0.0000	0.0000	5.2133
631	1	2.713?SLL+1.3CF	-1.6889	-0.3621	0.0867	-5.4155	0.0000	0.0000	0.0000	-5.4155
631	1	2.713?SLL+1.3CF	1.3259	3.5263	3.1592	-3.3901	0.0000	0.0000	0.0000	3.5263
632	0	2.713?SLL+1.3CF	-0.8280	0.0600	0.0600	-1.2095	-1.2095	0.0000	0.0000	-1.2095
632	0	2.713?SLL+1.3CF	0.4960	-0.0861	-0.0861	0.7443	0.7443	0.0000	0.0000	0.7443
632	1	2.713?SLL+1.3CF	-0.8280	-1.3746	-1.3746	-0.5984	-0.5984	0.0000	0.0000	-1.3746
632	1	2.713?SLL+1.3CF	0.4960	0.7728	0.7728	0.3797	0.3797	0.0000	0.0000	0.7728
633	0	2.713?SLL+1.3CF	-1.9718	-1.4971	-1.4971	-2.1713	-2.1713	0.0000	0.0000	-2.1713
633	0	2.713?SLL+1.3CF	1.7008	1.1747	1.1747	1.9219	1.9219	0.0000	0.0000	1.9219
633	1	2.713?SLL+1.3CF	-1.9718	-1.7916	-1.7916	-2.0479	-2.0479	0.0000	0.0000	-2.0479
633	1	2.713?SLL+1.3CF	1.7008	1.4643	1.4643	1.8003	1.8003	0.0000	0.0000	1.8003
635	0	2.713?SLL+1.3CF	-2.2948	2.1420	1.0491	-6.7316	-6.6387	0.0000	0.0000	-6.7316
635	0	2.713?SLL+1.3CF	3.2918	3.8235	6.9818	2.7810	-0.4083	0.0000	0.0000	6.9818
635	1	2.713?SLL+1.3CF	-2.2948	-6.2231	-6.0330	1.6235	1.4434	0.0000	0.0000	-6.2231
635	1	2.713?SLL+1.3CF	3.2918	1.3236	1.2491	5.2599	5.3344	0.0000	0.0000	5.3344
636	0	2.713?SLL+1.3CF	-3.9968	-2.6962	-3.6857	-5.3073	-4.3079	0.0000	0.0000	-5.3073
636	0	2.713?SLL+1.3CF	2.6148	2.9814	3.6581	2.3684	1.5717	0.0000	0.0000	3.6581
636	1	2.713?SLL+1.3CF	-3.9968	-5.3342	-4.7289	-2.6694	-3.2848	0.0000	0.0000	-5.3342
636	1	2.713?SLL+1.3CF	2.6148	1.5767	0.8771	3.6511	4.5527	0.0000	0.0000	4.5527
638	0	2.713?SLL+1.3CF	-3.7248	0.7208	0.7283	-6.1756	-6.1760	0.0000	0.0000	-6.1760
638	0	2.713?SLL+1.3CF	2.4900	3.7540	3.7110	1.2281	1.2691	0.0000	0.0000	3.7540
638	1	2.713?SLL+1.3CF	-3.7248	-6.0798	-7.6832	0.6301	0.2338	0.0000	0.0000	-6.0798
638	1	2.713?SLL+1.3CF	2.4900	1.6059	1.3495	3.3442	3.6306	0.0000	0.0000	3.6306
639	0	2.713?SLL+1.3CF	-3.3222	-2.2791	-1.5627	-4.3652	-5.0819	0.0000	0.0000	-5.0819
639	0	2.713?SLL+1.3CF	3.7114	6.7244	5.6767	0.6684	1.7461	0.0000	0.0000	6.7244

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
639	1	2.713?SLL+1.3CF	-3.3222	-4.9574	-4.2593	-1.6870	-2.3851	0.0000	0.0000	-4.9574
639	1	2.713?SLL+1.3CF	3.7114	1.8758	0.5653	5.4472	6.8575	0.0000	0.0000	6.8575
641	0	2.713?SLL+1.3CF	-5.2808	-1.9783	-1.6413	-8.5433	-8.6802	0.0000	0.0000	-8.6802
641	0	2.713?SLL+1.3CF	2.3620	2.0323	1.9651	2.8717	2.7189	0.0000	0.0000	2.7189
641	1	2.713?SLL+1.3CF	-5.2808	-7.9104	-8.2259	-2.6111	-2.2956	0.0000	0.0000	-8.2259
641	1	2.713?SLL+1.3CF	2.3620	2.8760	3.9621	2.0280	1.7219	0.0000	0.0000	2.9621
642	0	2.713?SLL+1.3CF	-2.6855	-2.1350	-1.2727	-3.2360	-4.0983	0.0000	0.0000	-4.0983
642	0	2.713?SLL+1.3CF	4.9545	7.6128	6.0948	2.2962	3.8143	0.0000	0.0000	7.6128
642	1	2.713?SLL+1.3CF	-2.6855	-3.4149	-3.7951	-1.9561	-1.5858	0.0000	0.0000	-3.7951
642	1	2.713?SLL+1.3CF	4.9545	3.6288	3.4783	6.2602	6.4327	0.0000	0.0000	6.4327
644	0	2.713?SLL+1.3CF	-3.4626	-2.2209	-2.5119	-4.7043	-4.4134	0.0000	0.0000	-4.7043
644	0	2.713?SLL+1.3CF	1.3717	0.9510	1.2852	1.7924	1.4582	0.0000	0.0000	1.7924
644	1	2.713?SLL+1.3CF	-3.4626	-3.9008	-4.5265	-3.0245	-2.3998	0.0000	0.0000	-4.5265
644	1	2.713?SLL+1.3CF	1.3717	1.4350	1.8383	1.3084	1.1050	0.0000	0.0000	1.8383
645	0	2.713?SLL+1.3CF	-2.5011	-2.6732	-1.5826	-2.3290	-3.4096	0.0000	0.0000	-3.4096
645	0	2.713?SLL+1.3CF	5.6370	8.5947	6.2435	4.6793	5.0505	0.0000	0.0000	8.5947
645	1	2.713?SLL+1.3CF	-2.5011	-2.3265	-3.0748	-2.6737	-1.9373	0.0000	0.0000	-3.0748
645	1	2.713?SLL+1.3CF	5.6370	3.2228	6.4139	8.0513	4.8603	0.0000	0.0000	8.0513
646	0	2.713?SLL+1.3CF	-0.8068	-1.1710	-1.0672	-0.0834	0.0000	0.0000	0.0000	-1.1710
646	0	2.713?SLL+1.3CF	2.3432	1.4751	1.2284	4.7501	0.0000	0.0000	0.0000	4.7501
646	1	2.713?SLL+1.3CF	-0.8068	-0.5327	-0.4433	-1.5627	0.0000	0.0000	0.0000	-1.5627
646	1	2.713?SLL+1.3CF	2.3432	3.4816	3.3681	-0.2068	0.0000	0.0000	0.0000	3.4816
647	0	2.713?SLL+1.3CF	-2.7845	-4.8681	-4.5315	1.7102	0.0000	0.0000	0.0000	-4.8681
647	0	2.713?SLL+1.3CF	1.0736	0.5102	0.5200	2.4011	0.0000	0.0000	0.0000	2.4011
647	1	2.713?SLL+1.3CF	-2.7845	-0.7519	-1.3264	-6.8298	0.0000	0.0000	0.0000	-6.8298
647	1	2.713?SLL+1.3CF	1.0736	1.4592	1.8536	-0.1125	0.0000	0.0000	0.0000	1.8536
648	0	2.713?SLL+1.3CF	-0.2600	-0.0886	-0.0886	-0.3404	-0.3404	0.0000	0.0000	-0.3404
648	0	2.713?SLL+1.3CF	0.4673	-0.4601	-0.4601	0.8589	0.8589	0.0000	0.0000	0.8589
648	1	2.713?SLL+1.3CF	-0.2600	-0.6588	-0.6588	-0.0820	-0.0820	0.0000	0.0000	-0.6588
648	1	2.713?SLL+1.3CF	0.4673	1.5618	1.5618	0.0074	0.0074	0.0000	0.0000	1.5618
649	0	2.713?SLL+1.3CF	-2.6365	-2.1613	-2.1613	-2.8361	-2.8361	0.0000	0.0000	-2.8361
649	0	2.713?SLL+1.3CF	1.8873	1.5441	1.5441	2.0315	2.0315	0.0000	0.0000	2.0315
649	1	2.713?SLL+1.3CF	-2.6365	-2.3366	-2.3366	-2.7625	-2.7625	0.0000	0.0000	-2.7625
649	1	2.713?SLL+1.3CF	1.8873	1.5007	1.5007	2.0497	2.0497	0.0000	0.0000	2.0497

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
851	0	2.7137SLL+1.3CF	-2.5361	-2.2156	-2.4708	-2.8605	-2.8052	0.0000	0.0000	-2.8605
851	9	2.7137SLL+1.3CF	0.8463	0.8523	1.0686	1.0403	0.8240	0.0000	0.0000	1.0686
851	1	2.7137SLL+1.3CF	-2.5361	-2.9533	-2.7495	-2.1228	-2.3287	0.0000	0.0000	-2.9533
851	1	2.7137SLL+1.3CF	0.8463	0.8673	0.8663	0.9053	0.9263	0.0000	0.0000	0.9673
852	0	2.7137SLL+1.3CF	-2.3054	-1.7082	-2.5040	-2.9025	-2.1067	0.0000	0.0000	-2.9025
852	0	2.7137SLL+1.3CF	6.3940	5.7978	6.9877	6.9602	3.8202	0.0000	0.0000	6.9877
852	1	2.7137SLL+1.3CF	-2.3054	-2.7997	-2.0430	-1.8111	-2.5677	0.0000	0.0000	-2.7997
852	1	2.7137SLL+1.3CF	6.3940	5.7009	4.0752	7.0871	8.7128	0.0000	0.0000	8.7128
854	0	2.7137SLL+1.3CF	-2.8288	-2.8992	-2.8114	-2.9586	-3.0464	0.0000	0.0000	-3.0464
854	0	2.7137SLL+1.3CF	0.8678	0.8439	0.9120	0.8314	0.8832	0.0000	0.0000	0.9438
854	1	2.7137SLL+1.3CF	-2.8288	-3.1374	-3.2219	-2.7203	-2.6359	0.0000	0.0000	-3.2219
854	1	2.7137SLL+1.3CF	0.8678	0.8883	0.8328	0.9059	0.8424	0.0000	0.0000	0.9328
855	0	2.7137SLL+1.3CF	-2.2403	-2.5123	-1.7324	-1.9683	-2.7482	0.0000	0.0000	-2.7482
855	0	2.7137SLL+1.3CF	7.3682	10.1044	8.3674	4.6720	5.4090	0.0000	0.0000	10.1044
855	1	2.7137SLL+1.3CF	-2.2403	-2.8322	-1.8760	-1.5483	-2.8048	0.0000	0.0000	-2.8322
855	1	2.7137SLL+1.3CF	7.3682	7.2137	3.8014	7.9827	10.8750	0.0000	0.0000	10.8750
857	0	2.7137SLL+1.3CF	-0.2944	-0.1155	-0.2584	-0.4736	-0.3305	0.0000	0.0000	-0.4736
857	0	2.7137SLL+1.3CF	0.8730	0.8672	0.8545	0.8728	0.8054	0.0000	0.0000	0.8349
857	1	2.7137SLL+1.3CF	-0.2944	-0.7496	-0.4215	-2.8362	-3.1674	0.0000	0.0000	-3.7496
857	1	2.7137SLL+1.3CF	0.8730	0.9090	0.8704	0.8309	0.8895	0.0000	0.0000	0.9090
858	0	2.7137SLL+1.3CF	-2.1471	-2.5394	-1.4911	-1.7547	-2.8031	0.0000	0.0000	-2.8031
858	0	2.7137SLL+1.3CF	8.3355	11.4125	8.1029	5.2585	6.5660	0.0000	0.0000	11.4125
858	1	2.7137SLL+1.3CF	-2.1471	-2.4685	-1.8798	-1.8276	-2.3153	0.0000	0.0000	-2.4685
858	1	2.7137SLL+1.3CF	8.3355	7.4268	6.2618	9.2421	10.3893	0.0000	0.0000	10.3893
860	0	2.7137SLL+1.3CF	-3.8011	-3.7225	-3.3838	-3.4798	-3.8185	0.0000	0.0000	-3.8185
860	0	2.7137SLL+1.3CF	0.8451	0.9183	0.8431	0.7717	0.8471	0.0000	0.0000	0.9185
860	1	2.7137SLL+1.3CF	-3.8011	-3.3089	-4.3685	-3.8923	-2.8338	0.0000	0.0000	-4.3685
860	1	2.7137SLL+1.3CF	0.8451	0.7829	0.9330	0.9072	0.7572	0.0000	0.0000	0.9330
861	0	2.7137SLL+1.3CF	-1.3424	-1.4122	-1.2090	-1.2726	-1.4758	0.0000	0.0000	-1.4758
861	0	2.7137SLL+1.3CF	9.0468	10.6701	9.5284	7.4228	8.3969	0.0000	0.0000	10.6701
861	1	2.7137SLL+1.3CF	-1.3424	-0.9220	-1.7487	-1.7628	-0.9391	0.0000	0.0000	-1.7628
861	1	2.7137SLL+1.3CF	9.0468	5.4605	10.5864	12.6324	7.5068	0.0000	0.0000	12.6324
862	0	2.7137SLL+1.3CF	-0.6595	-1.1774	-0.6999	0.3082	0.0000	0.0000	0.0000	-1.1774
862	0	2.7137SLL+1.3CF	2.8036	1.4023	1.4591	6.0606	0.0000	0.0000	0.0000	6.0606

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
862	1	2.7137SLL+1.3CF	-0.6595	-0.3556	-0.2743	-1.5949	0.0000	0.0000	0.0000	-1.5949
862	1	2.7137SLL+1.3CF	2.8036	4.4625	4.0488	-0.5711	0.0000	0.0000	0.0000	4.4625
863	0	2.7137SLL+1.3CF	-3.7804	-5.8051	-5.5992	0.8223	0.0000	0.0000	0.0000	-5.8051
863	0	2.7137SLL+1.3CF	0.7287	0.2378	0.2128	1.8317	0.0000	0.0000	0.0000	1.8317
863	1	2.7137SLL+1.3CF	-3.7804	-1.7382	-2.2558	-7.8583	0.0000	0.0000	0.0000	-7.8583
863	1	2.7137SLL+1.3CF	0.7287	1.0573	1.2428	-0.3094	0.0000	0.0000	0.0000	1.2428
864	0	2.7137SLL+1.3CF	-0.1868	-0.0062	-0.0062	-0.2852	-0.2852	0.0000	0.0000	-0.2852
864	0	2.7137SLL+1.3CF	0.8213	0.3729	0.3729	1.0516	1.0516	0.0000	0.0000	1.0516
864	1	2.7137SLL+1.3CF	-0.1868	-0.3775	-0.3775	-0.1092	-0.1092	0.0000	0.0000	-0.3775
864	1	2.7137SLL+1.3CF	0.8213	1.7019	1.7019	0.4613	0.4613	0.0000	0.0000	1.7019
865	0	2.7137SLL+1.3CF	-3.1983	-2.5302	-2.5302	-3.4799	-3.4799	0.0000	0.0000	-3.4799
865	0	2.7137SLL+1.3CF	1.7619	1.8072	1.8072	1.8268	1.8268	0.0000	0.0000	1.8268
865	1	2.7137SLL+1.3CF	-3.1983	-3.0184	-3.0184	-3.2747	-3.2747	0.0000	0.0000	-3.2747
865	1	2.7137SLL+1.3CF	1.7619	1.2596	1.2596	1.9729	1.9729	0.0000	0.0000	1.9729
867	0	2.7137SLL+1.3CF	-3.8303	-3.4679	-4.0840	-4.1729	-3.5786	0.0000	0.0000	-4.1729
867	0	2.7137SLL+1.3CF	0.8221	0.7529	0.9630	0.8812	0.8811	0.0000	0.0000	0.9630
867	1	2.7137SLL+1.3CF	-3.8303	-4.2002	-3.6718	-3.4624	-3.8888	0.0000	0.0000	-4.2002
867	1	2.7137SLL+1.3CF	0.8221	0.8744	0.7910	0.7687	0.8532	0.0000	0.0000	0.8744
868	0	2.7137SLL+1.3CF	-2.0039	-1.3574	-2.6041	-2.8396	-1.5029	0.0000	0.0000	-2.8396
868	0	2.7137SLL+1.3CF	9.7777	7.8881	13.1091	11.8604	6.4464	0.0000	0.0000	13.1091
868	1	2.7137SLL+1.3CF	-2.0535	-2.2273	-2.0415	-1.8796	-2.0668	0.0000	0.0000	-2.2273
868	1	2.7137SLL+1.3CF	9.7777	9.9590	7.8408	9.5964	11.9147	0.0000	0.0000	11.9147
870	0	2.7137SLL+1.3CF	-4.0724	-4.2241	-4.0368	-3.8208	-4.1051	0.0000	0.0000	-4.2241
870	0	2.7137SLL+1.3CF	0.7854	0.8687	0.7949	0.7020	0.7856	0.0000	0.0000	0.8687
870	1	2.7137SLL+1.3CF	-4.0724	-4.1587	-4.3501	-3.9881	-3.7946	0.0000	0.0000	-4.3501
870	1	2.7137SLL+1.3CF	0.7854	0.7654	0.7963	0.7654	0.7745	0.0000	0.0000	0.7963
871	0	2.7137SLL+1.3CF	-1.9869	-1.8212	-1.7348	-2.0529	-2.2389	0.0000	0.0000	-2.2389
871	0	2.7137SLL+1.3CF	10.3651	12.3668	10.0362	8.3315	10.6941	0.0000	0.0000	12.3668
871	1	2.7137SLL+1.3CF	-1.9869	-2.4588	-1.7348	-1.5150	-2.2482	0.0000	0.0000	-2.4588
871	1	2.7137SLL+1.3CF	10.3651	12.0768	8.7584	8.8536	13.8739	0.0000	0.0000	13.8739
873	0	2.7137SLL+1.3CF	-4.2337	-4.1681	-4.3622	-4.2993	-4.1053	0.0000	0.0000	-4.3622
873	0	2.7137SLL+1.3CF	0.7540	0.7572	0.7980	0.7218	0.7111	0.0000	0.0000	0.7980
873	1	2.7137SLL+1.3CF	-4.2337	-4.5881	-4.3170	-3.8994	-4.1500	0.0000	0.0000	-4.5881
873	1	2.7137SLL+1.3CF	0.7540	0.7925	0.7295	0.7186	0.7795	0.0000	0.0000	0.7925

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
674	0	2.713758LL+1.3CF	-1.8839	-2.0960	-1.3665	-1.7018	-2.4163	0.0000	0.0000	-2.4163
674	0	2.713758LL+1.3CF	10.8004	13.9409	8.6399	7.6600	12.9810	0.0000	0.0000	13.9409
674	1	2.713758LL+1.3CF	-1.8839	-2.1772	-1.8450	-1.9107	-1.9429	0.0000	0.0000	-2.1772
674	1	2.713758LL+1.3CF	10.8004	11.7917	8.5720	9.8092	13.0268	0.0000	0.0000	13.0268
676	0	2.713758LL+1.3CF	-4.3674	-4.5857	-4.3288	-4.1661	-4.4080	0.0000	0.0000	-4.5857
676	0	2.713758LL+1.3CF	0.7208	0.8004	0.7180	0.6412	0.7235	0.0000	0.0000	0.8004
676	1	2.713758LL+1.3CF	-4.3674	-4.0497	-5.0041	-4.6851	-3.7307	0.0000	0.0000	-5.0041
676	1	2.713758LL+1.3CF	0.7208	0.6817	0.7670	0.7599	0.6745	0.0000	0.0000	0.7670
677	0	2.713758LL+1.3CF	-1.8288	-1.8482	-1.5140	-1.8050	-2.1382	0.0000	0.0000	-2.1382
677	0	2.713758LL+1.3CF	11.0598	12.9734	8.7567	8.1462	12.3629	0.0000	0.0000	12.9734
677	1	2.713758LL+1.3CF	-1.8288	-1.4237	-2.3764	-2.2295	-1.2768	0.0000	0.0000	-2.3764
677	1	2.713758LL+1.3CF	11.0598	8.5659	12.8417	13.5536	9.4779	0.0000	0.0000	13.5536
678	0	2.713758LL+1.3CF	-0.5606	-0.7290	-0.6217	-0.3077	0.0000	0.0000	0.0000	-0.7290
678	0	2.713758LL+1.3CF	2.6810	2.4347	2.5003	3.1767	0.0000	0.0000	0.0000	3.1767
678	1	2.713758LL+1.3CF	-0.5606	-0.4668	-0.5023	-0.7327	0.0000	0.0000	0.0000	-0.7327
678	1	2.713758LL+1.3CF	2.6810	3.1269	2.6595	2.2649	0.0000	0.0000	0.0000	3.1269
679	0	2.713758LL+1.3CF	-3.7064	-4.0242	-3.8060	-3.0732	0.0000	0.0000	0.0000	-4.0242
679	0	2.713758LL+1.3CF	0.5534	0.5330	0.5316	0.6040	0.0000	0.0000	0.0000	0.6040
679	1	2.713758LL+1.3CF	-3.7064	-2.9621	-3.5586	-4.0349	0.0000	0.0000	0.0000	-4.0349
679	1	2.713758LL+1.3CF	0.5534	0.5122	0.5559	0.4632	0.0000	0.0000	0.0000	0.5559
680	0	2.713758LL+1.3CF	-0.1888	-0.0274	-0.0274	-0.2279	-0.2279	0.0000	0.0000	-0.2279
680	0	2.713758LL+1.3CF	0.9103	0.4148	0.4148	1.1185	1.1185	0.0000	0.0000	1.1185
680	1	2.713758LL+1.3CF	-0.1888	-0.3244	-0.3244	-0.1032	-0.1032	0.0000	0.0000	-0.3244
680	1	2.713758LL+1.3CF	0.9103	1.6374	1.6374	0.6049	0.6049	0.0000	0.0000	1.6374
681	0	2.713758LL+1.3CF	-3.1951	-2.4520	-2.4520	-3.5073	-3.5073	0.0000	0.0000	-3.5073
681	0	2.713758LL+1.3CF	1.5066	1.4214	1.4214	1.5424	1.5424	0.0000	0.0000	1.5424
681	1	2.713758LL+1.3CF	-3.1951	-3.0759	-3.0759	-3.2452	-3.2452	0.0000	0.0000	-3.2452
681	1	2.713758LL+1.3CF	1.5066	1.0133	1.0133	1.7139	1.7139	0.0000	0.0000	1.7139
683	0	2.713758LL+1.3CF	-4.4461	-4.0683	-4.8617	-4.8238	-3.9304	0.0000	0.0000	-4.8617
683	0	2.713758LL+1.3CF	0.6834	0.6604	0.6021	0.7264	0.5847	0.0000	0.0000	0.6021
683	1	2.713758LL+1.3CF	-4.4461	-4.6862	-4.5593	-4.2060	-4.3329	0.0000	0.0000	-4.6862
683	1	2.713758LL+1.3CF	0.6834	0.7340	0.6555	0.6528	0.7313	0.0000	0.0000	0.7340
684	0	2.713758LL+1.3CF	-1.7324	-1.1410	-2.0421	-2.3239	-1.4228	0.0000	0.0000	-2.3239
684	0	2.713758LL+1.3CF	11.2088	9.2290	13.2271	13.1880	9.1899	0.0000	0.0000	13.2271

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
684	1	2.713758LL+1.3CF	-1.7324	-1.8283	-1.8753	-1.8365	-1.5895	0.0000	0.0000	-1.8753
684	1	2.713758LL+1.3CF	11.2088	11.8186	10.2115	10.7984	12.2055	0.0000	0.0000	12.2055
688	0	2.713758LL+1.3CF	-4.4674	-4.6390	-4.5190	-4.2958	-4.4158	0.0000	0.0000	-4.6390
688	0	2.713758LL+1.3CF	0.6829	0.6962	0.6403	0.6097	0.6856	0.0000	0.0000	0.6962
688	1	2.713758LL+1.3CF	-4.4674	-4.6747	-4.5477	-4.2601	-4.3872	0.0000	0.0000	-4.6747
688	1	2.713758LL+1.3CF	0.6829	0.7251	0.6283	0.5808	0.6779	0.0000	0.0000	0.7251
687	0	2.713758LL+1.3CF	-1.6420	-1.6148	-1.6878	-1.6683	-1.5962	0.0000	0.0000	-1.6878
687	0	2.713758LL+1.3CF	11.3721	12.1685	10.7830	10.5546	11.9613	0.0000	0.0000	12.1685
687	1	2.713758LL+1.3CF	-1.6420	-1.5935	-1.6907	-1.6606	-1.6854	0.0000	0.0000	-1.6854
687	1	2.713758LL+1.3CF	11.3721	11.8881	10.9067	10.9561	12.2396	0.0000	0.0000	12.2396
689	0	2.713758LL+1.3CF	-4.4245	-4.6452	-4.4874	-4.2037	-4.3815	0.0000	0.0000	-4.6452
689	0	2.713758LL+1.3CF	0.6837	0.7373	0.6218	0.6001	0.7356	0.0000	0.0000	0.7373
689	1	2.713758LL+1.3CF	-4.4245	-4.6749	-4.6751	-4.7740	-3.8736	0.0000	0.0000	-4.6751
689	1	2.713758LL+1.3CF	0.6837	0.6618	0.6023	0.7236	0.5851	0.0000	0.0000	0.6023
690	0	2.713758LL+1.3CF	-1.7335	-1.8288	-1.8812	-1.8382	-1.5857	0.0000	0.0000	-1.8812
690	0	2.713758LL+1.3CF	11.2904	11.5274	10.1471	11.0533	12.4336	0.0000	0.0000	12.4336
690	1	2.713758LL+1.3CF	-1.7335	-1.1352	-2.0453	-2.3318	-1.4217	0.0000	0.0000	-2.3318
690	1	2.713758LL+1.3CF	11.2904	9.3560	13.4683	13.2447	9.1134	0.0000	0.0000	13.4683
691	0	2.713758LL+1.3CF	-0.5831	-0.5454	-0.4398	-0.6186	0.0000	0.0000	0.0000	-0.6186
691	0	2.713758LL+1.3CF	2.7540	2.9395	2.9976	2.2521	0.0000	0.0000	0.0000	2.9976
691	1	2.713758LL+1.3CF	-0.5831	-0.6418	-0.6960	-0.3834	0.0000	0.0000	0.0000	-0.6960
691	1	2.713758LL+1.3CF	2.7540	2.8273	2.4819	2.9675	0.0000	0.0000	0.0000	2.9675
692	0	2.713758LL+1.3CF	-3.7808	-3.5390	-3.4622	-4.4665	0.0000	0.0000	0.0000	-4.4665
692	0	2.713758LL+1.3CF	0.5671	0.6194	0.6183	0.5145	0.0000	0.0000	0.0000	0.6194
692	1	2.713758LL+1.3CF	-3.7808	-3.7282	-4.3105	-3.1024	0.0000	0.0000	0.0000	-4.3105
692	1	2.713758LL+1.3CF	0.5671	0.4314	0.5881	0.7443	0.0000	0.0000	0.0000	0.7443
693	0	2.713758LL+1.3CF	-0.1888	-0.0232	-0.0232	-0.2272	-0.2272	0.0000	0.0000	-0.2272
693	0	2.713758LL+1.3CF	0.9254	0.4692	0.4692	1.1171	1.1171	0.0000	0.0000	1.1171
693	1	2.713758LL+1.3CF	-0.1888	-0.3232	-0.3232	-0.1012	-0.1012	0.0000	0.0000	-0.3232
693	1	2.713758LL+1.3CF	0.9254	1.6575	1.6575	0.6179	0.6179	0.0000	0.0000	1.6575
694	0	2.713758LL+1.3CF	-3.2494	-2.4717	-2.4717	-3.5762	-3.5762	0.0000	0.0000	-3.5762
694	0	2.713758LL+1.3CF	1.5555	1.4638	1.4638	1.5982	1.5982	0.0000	0.0000	1.5982
694	1	2.713758LL+1.3CF	-3.2494	-3.1292	-3.1292	-3.3000	-3.3000	0.0000	0.0000	-3.3000
694	1	2.713758LL+1.3CF	1.5555	1.0676	1.0676	1.7604	1.7604	0.0000	0.0000	1.7604

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
695	0	2.7137SLL+1.3CF	-4.3854	-4.0675	-5.0237	-4.7032	-3.7470	0.0000	0.0000	-5.0237
695	0	2.7137SLL+1.3CF	0.7216	0.6829	0.7573	0.7503	0.6759	0.0000	0.0000	0.7573
696	1	2.7137SLL+1.3CF	-4.3854	-4.5881	-4.3658	-4.2046	-4.4048	0.0000	0.0000	-4.5881
695	1	2.7137SLL+1.3CF	0.7216	0.8025	0.7176	0.6408	0.7254	0.0000	0.0000	0.8025
697	0	2.7137SLL+1.3CF	-1.8281	-1.4242	-2.3785	-2.2320	-1.2777	0.0000	0.0000	-2.3785
697	0	2.7137SLL+1.3CF	11.0525	8.4328	12.5995	13.6723	9.5068	0.0000	0.0000	13.6723
697	1	2.7137SLL+1.3CF	-1.8281	-1.8503	-1.5151	-1.8059	-2.1411	0.0000	0.0000	-2.1411
697	1	2.7137SLL+1.3CF	11.0525	13.0068	9.7841	9.0662	12.3209	0.0000	0.0000	13.0068
699	0	2.7137SLL+1.3CF	-4.2748	-4.6013	-4.3845	-3.9484	-4.1852	0.0000	0.0000	-4.6013
699	0	2.7137SLL+1.3CF	0.7502	0.8017	0.7133	0.6886	0.7571	0.0000	0.0000	0.8017
699	1	2.7137SLL+1.3CF	-4.2748	-4.2041	-4.4182	-4.3456	-4.1314	0.0000	0.0000	-4.4182
699	1	2.7137SLL+1.3CF	0.7502	0.7913	0.7630	0.7591	0.7173	0.0000	0.0000	0.7913
700	0	2.7137SLL+1.3CF	-1.8884	-2.1807	-1.8484	-1.6162	-1.9475	0.0000	0.0000	-2.1807
700	0	2.7137SLL+1.3CF	10.7976	11.8050	8.5865	8.7901	13.0087	0.0000	0.0000	13.0087
700	1	2.7137SLL+1.3CF	-1.8884	-2.0820	-1.3719	-1.7049	-2.4250	0.0000	0.0000	-2.4250
700	1	2.7137SLL+1.3CF	10.7976	13.8626	8.4701	7.7325	13.1251	0.0000	0.0000	13.8626
702	0	2.7137SLL+1.3CF	-4.1101	-4.2300	-4.4299	-3.9902	-3.7903	0.0000	0.0000	-4.4299
702	0	2.7137SLL+1.3CF	0.7784	0.7884	0.7603	0.7683	0.7764	0.0000	0.0000	0.7884
702	1	2.7137SLL+1.3CF	-4.1101	-4.2412	-4.0018	-3.9790	-4.2184	0.0000	0.0000	-4.2412
702	1	2.7137SLL+1.3CF	0.7784	0.8743	0.7630	0.6824	0.7937	0.0000	0.0000	0.8743
703	0	2.7137SLL+1.3CF	-1.8733	-2.4343	-1.7143	-1.5123	-2.2324	0.0000	0.0000	-2.4343
703	0	2.7137SLL+1.3CF	10.3357	12.0840	8.7701	8.5874	13.9012	0.0000	0.0000	13.9012
703	1	2.7137SLL+1.3CF	-1.8733	-1.9076	-1.7296	-2.0360	-2.2189	0.0000	0.0000	-2.2189
703	1	2.7137SLL+1.3CF	10.3357	12.2351	8.8570	8.4062	10.6143	0.0000	0.0000	12.2351
705	0	2.7137SLL+1.3CF	-3.8320	-4.1772	-3.8867	-3.4968	-3.6774	0.0000	0.0000	-4.1772
705	0	2.7137SLL+1.3CF	0.8221	0.8790	0.7998	0.7851	0.8574	0.0000	0.0000	0.8790
705	1	2.7137SLL+1.3CF	-3.8320	-3.5001	-4.0872	-4.1639	-3.5768	0.0000	0.0000	-4.1639
705	1	2.7137SLL+1.3CF	0.8221	0.7543	0.8612	0.8896	0.8829	0.0000	0.0000	0.8912
706	0	2.7137SLL+1.3CF	-2.0379	-2.2048	-2.0273	-1.8713	-2.0486	0.0000	0.0000	-2.2048
706	0	2.7137SLL+1.3CF	9.7598	9.8148	7.5858	9.9048	11.9240	0.0000	0.0000	11.9240
706	1	2.7137SLL+1.3CF	-2.0379	-1.2568	-2.5898	-2.8191	-1.4693	0.0000	0.0000	-2.8191
706	1	2.7137SLL+1.3CF	9.7598	7.6234	13.0825	11.6961	8.4370	0.0000	0.0000	13.0825
707	0	2.7137SLL+1.3CF	-0.6906	-0.3692	-0.1867	-1.5696	0.0000	0.0000	0.0000	-1.5696
707	0	2.7137SLL+1.3CF	2.8410	3.8181	3.8740	0.2001	0.0000	0.0000	0.0000	3.8740

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
707	1	2.7137SLL+1.3CF	-0.6906	-1.0361	-1.0562	0.3946	0.0000	0.0000	0.0000	-1.0562
707	1	2.7137SLL+1.3CF	2.8410	2.0091	1.5870	5.3699	0.0000	0.0000	0.0000	5.3699
708	0	2.7137SLL+1.3CF	-3.8049	-2.1690	-1.9581	-7.3898	0.0000	0.0000	0.0000	-7.3898
708	0	2.7137SLL+1.3CF	0.7262	1.2801	1.2686	-0.5695	0.0000	0.0000	0.0000	1.2801
708	1	2.7137SLL+1.3CF	-3.8049	-5.0186	-5.5295	-0.2127	0.0000	0.0000	0.0000	-5.5295
708	1	2.7137SLL+1.3CF	0.7262	0.1147	0.2671	1.9606	0.0000	0.0000	0.0000	1.9606
709	0	2.7137SLL+1.3CF	-0.1886	0.0035	0.0035	-0.2693	-0.2693	0.0000	0.0000	-0.2693
709	0	2.7137SLL+1.3CF	0.8195	0.2734	0.2734	1.0468	1.0468	0.0000	0.0000	1.0468
709	1	2.7137SLL+1.3CF	-0.1886	-0.3945	-0.3945	-0.1020	-0.1020	0.0000	0.0000	-0.3945
709	1	2.7137SLL+1.3CF	0.8195	1.7185	1.7185	0.4417	0.4417	0.0000	0.0000	1.7185
710	0	2.7137SLL+1.3CF	-3.2435	-2.5512	-2.5512	-3.5343	-3.5343	0.0000	0.0000	-3.5343
710	0	2.7137SLL+1.3CF	1.8055	1.6469	1.6469	1.8712	1.8712	0.0000	0.0000	1.8712
710	1	2.7137SLL+1.3CF	-3.2435	-3.0799	-3.0799	-3.3122	-3.3122	0.0000	0.0000	-3.3122
710	1	2.7137SLL+1.3CF	1.8055	1.2943	1.2943	2.0202	2.0202	0.0000	0.0000	2.0202
712	0	2.7137SLL+1.3CF	-3.5836	-3.2860	-4.3808	-3.9213	-2.8064	0.0000	0.0000	-4.3808
712	0	2.7137SLL+1.3CF	0.8521	0.7761	0.9547	0.8191	0.7466	0.0000	0.0000	0.9547
712	1	2.7137SLL+1.3CF	-3.5836	-3.7285	-3.3810	-3.4568	-3.8063	0.0000	0.0000	-3.8063
712	1	2.7137SLL+1.3CF	0.8521	0.9060	0.8667	0.7962	0.8375	0.0000	0.0000	0.9060
713	0	2.7137SLL+1.3CF	-1.3537	-0.9277	-1.7836	-1.7797	-0.9436	0.0000	0.0000	-1.7797
713	0	2.7137SLL+1.3CF	8.9033	5.4648	10.6726	12.5220	7.3130	0.0000	0.0000	12.5220
713	1	2.7137SLL+1.3CF	-1.3537	-1.4232	-1.2219	-1.2942	-1.4655	0.0000	0.0000	-1.4655
713	1	2.7137SLL+1.3CF	8.9033	10.4318	8.3842	7.5551	8.7024	0.0000	0.0000	10.4318
715	0	2.7137SLL+1.3CF	-3.3068	-3.7898	-3.4151	-2.8437	-3.1984	0.0000	0.0000	-3.7898
715	0	2.7137SLL+1.3CF	0.8733	0.8146	0.8729	0.8319	0.8737	0.0000	0.0000	0.8146
715	1	2.7137SLL+1.3CF	-3.3068	-3.1480	-3.2628	-3.4655	-3.3507	0.0000	0.0000	-3.4655
715	1	2.7137SLL+1.3CF	0.8733	0.8726	0.9056	0.8740	0.8119	0.0000	0.0000	0.8956
716	0	2.7137SLL+1.3CF	-2.1617	-2.6058	-1.9237	-1.7577	-2.4396	0.0000	0.0000	-2.6058
716	0	2.7137SLL+1.3CF	8.2429	7.3601	6.2595	9.1252	10.2257	0.0000	0.0000	10.2257
716	1	2.7137SLL+1.3CF	-2.1617	-2.6708	-1.4113	-1.6628	-2.8621	0.0000	0.0000	-2.8621
716	1	2.7137SLL+1.3CF	8.2429	11.1881	7.8584	5.3171	6.8269	0.0000	0.0000	11.1881
718	0	2.7137SLL+1.3CF	-2.9265	-3.1405	-3.2124	-2.7129	-2.6405	0.0000	0.0000	-3.2124
718	0	2.7137SLL+1.3CF	0.8697	0.8715	0.9024	0.9079	0.8470	0.0000	0.0000	0.9024
718	1	2.7137SLL+1.3CF	-2.9265	-2.9130	-2.7945	-2.9400	-3.0586	0.0000	0.0000	-3.0586
718	1	2.7137SLL+1.3CF	0.8697	0.8542	0.9066	0.9252	0.8706	0.0000	0.0000	0.9542

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
718	0	2.7137SLL+1.3CF	-2.2418	-2.9370	-1.7003	-1.5469	-2.7536	0.0000	0.0000	-2.9370
719	0	2.7137SLL+1.3CF	7.2498	7.1322	3.8928	7.3676	10.6070	0.0000	0.0000	10.6070
719	1	2.7137SLL+1.3CF	-2.2418	-2.4827	-1.7299	-1.9912	-2.7540	0.0000	0.0000	-2.7540
718	1	2.7137SLL+1.3CF	7.2498	9.7393	6.0523	4.7605	6.4474	0.0000	0.0000	9.7393
721	0	2.7137SLL+1.3CF	-2.5332	-2.9243	-2.7500	-2.1421	-2.3185	0.0000	0.0000	-3.9243
721	0	2.7137SLL+1.3CF	0.9535	1.0100	0.8580	0.8971	0.9460	0.0000	0.0000	1.0100
721	1	2.7137SLL+1.3CF	-2.5332	-2.1666	-2.5282	-2.8966	-2.5383	0.0000	0.0000	-2.8966
721	1	2.7137SLL+1.3CF	0.9535	0.8624	1.0835	1.0546	0.8238	0.0000	0.0000	1.0835
723	0	2.7137SLL+1.3CF	-2.3086	-2.7918	-2.0373	-1.8257	-2.5603	0.0000	0.0000	-2.7918
723	0	2.7137SLL+1.3CF	5.3602	5.8348	4.2209	7.0858	8.6895	0.0000	0.0000	8.6895
722	1	2.7137SLL+1.3CF	-2.3088	-1.7111	-2.5244	-2.9084	-2.0831	0.0000	0.0000	-2.9084
722	1	2.7137SLL+1.3CF	5.3602	5.7743	5.9544	5.9481	3.7981	0.0000	0.0000	5.9544
723	0	2.7137SLL+1.3CF	-0.6206	-0.5763	-0.4701	-1.5467	0.0000	0.0000	0.0000	-1.5467
723	0	2.7137SLL+1.3CF	2.3605	3.8715	3.8128	-0.8111	0.0000	0.0000	0.0000	3.8715
723	1	2.7137SLL+1.3CF	-0.6206	-1.2384	-1.1608	0.0666	0.0000	0.0000	0.0000	-1.2384
723	1	2.7137SLL+1.3CF	2.3605	1.1113	0.9658	5.5810	0.0000	0.0000	0.0000	5.5810
724	0	2.7137SLL+1.3CF	-2.8078	-1.1405	-0.8015	-7.2438	0.0000	0.0000	0.0000	-7.2438
724	0	2.7137SLL+1.3CF	1.0838	1.6263	1.6476	-0.3046	0.0000	0.0000	0.0000	1.6476
724	1	2.7137SLL+1.3CF	-2.8078	-4.1050	-4.6896	1.0674	0.0000	0.0000	0.0000	-4.6896
724	1	2.7137SLL+1.3CF	1.0838	0.3781	0.5894	2.4318	0.0000	0.0000	0.0000	2.4318
725	0	2.7137SLL+1.3CF	-0.2627	-0.0978	-0.0978	-0.3320	-0.3320	0.0000	0.0000	-0.3320
725	0	2.7137SLL+1.3CF	0.4523	-0.3386	-0.3386	0.9686	0.9686	0.0000	0.0000	0.9686
725	1	2.7137SLL+1.3CF	-0.2627	-0.6893	-0.6893	-0.0835	-0.0835	0.0000	0.0000	-0.6893
725	1	2.7137SLL+1.3CF	0.4523	1.5432	1.5432	-0.0060	-0.0060	0.0000	0.0000	1.5432
726	0	2.7137SLL+1.3CF	-2.6904	-2.2051	-2.2051	-2.8942	-2.8942	0.0000	0.0000	-2.8942
726	0	2.7137SLL+1.3CF	1.8357	1.5618	1.5618	2.0845	2.0845	0.0000	0.0000	2.0845
726	1	2.7137SLL+1.3CF	-2.6904	-2.4102	-2.4102	-2.8081	-2.8081	0.0000	0.0000	-2.8081
726	1	2.7137SLL+1.3CF	1.8357	1.5530	1.5530	2.0965	2.0965	0.0000	0.0000	2.0965
728	0	2.7137SLL+1.3CF	-3.4361	-3.8836	-4.4018	-2.9946	-2.4784	0.0000	0.0000	-4.4018
728	0	2.7137SLL+1.3CF	1.3754	1.4418	1.8463	1.3089	1.1044	0.0000	0.0000	1.8463
728	1	2.7137SLL+1.3CF	-3.4361	-2.1918	-2.5831	-4.6864	-4.2951	0.0000	0.0000	-4.6864
728	1	2.7137SLL+1.3CF	1.3754	1.0173	1.2146	1.7335	1.5362	0.0000	0.0000	1.7335
729	0	2.7137SLL+1.3CF	-2.5042	-2.3301	-3.0850	-2.8784	-1.9235	0.0000	0.0000	-3.0850
729	0	2.7137SLL+1.3CF	5.5578	3.1922	6.3646	7.9235	4.7508	0.0000	0.0000	7.9235

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
729	1	2.7137SLL+1.3CF	-2.5042	-2.8632	-1.5867	-2.3452	-3.4068	0.0000	0.0000	-3.4068
729	1	2.7137SLL+1.3CF	5.5578	6.4018	6.0131	4.7139	5.1029	0.0000	0.0000	6.4018
731	0	2.7137SLL+1.3CF	-5.1820	-7.6232	-7.8681	-2.7408	-2.3759	0.0000	0.0000	-7.9881
731	0	2.7137SLL+1.3CF	2.3477	2.8870	2.9558	2.0265	1.7365	0.0000	0.0000	2.9558
731	1	2.7137SLL+1.3CF	-5.1820	-2.1202	-1.7724	-8.2438	-8.5916	0.0000	0.0000	-8.5916
731	1	2.7137SLL+1.3CF	2.3477	2.0143	2.0348	2.6810	2.6809	0.0000	0.0000	2.6810
732	0	2.7137SLL+1.3CF	-2.8959	-3.5133	-2.4757	-1.8785	-2.9161	0.0000	0.0000	-3.5133
732	0	2.7137SLL+1.3CF	4.9556	3.5647	3.2835	6.3556	6.6260	0.0000	0.0000	6.6260
732	1	2.7137SLL+1.3CF	-2.8959	-3.2788	-1.5531	-2.1130	-3.8388	0.0000	0.0000	-3.8388
732	1	2.7137SLL+1.3CF	4.9556	7.7732	8.2147	2.1363	3.6969	0.0000	0.0000	7.7732
734	0	2.7137SLL+1.3CF	-3.7237	-8.1176	-7.7631	0.6722	0.3157	0.0000	0.0000	-8.1176
734	0	2.7137SLL+1.3CF	2.4779	1.5756	1.1877	3.3603	3.7662	0.0000	0.0000	3.7662
734	1	2.7137SLL+1.3CF	-3.7237	0.6073	0.7754	-8.2547	-8.2229	0.0000	0.0000	-8.2547
734	1	2.7137SLL+1.3CF	2.4779	3.9093	3.7475	1.0465	1.2084	0.0000	0.0000	3.9093
735	0	2.7137SLL+1.3CF	-3.3125	-4.9002	-4.2277	-1.7248	-2.3873	0.0000	0.0000	-4.9002
735	0	2.7137SLL+1.3CF	3.7065	1.9129	0.4884	5.4897	5.9142	0.0000	0.0000	5.9142
735	1	2.7137SLL+1.3CF	-3.3125	-2.2827	-1.5857	-4.3322	-5.0293	0.0000	0.0000	-5.0293
735	1	2.7137SLL+1.3CF	3.7065	5.7890	5.7345	0.6436	1.6782	0.0000	0.0000	5.7890
737	0	2.7137SLL+1.3CF	-2.2198	-5.9352	-5.7843	1.4658	1.3447	0.0000	0.0000	-5.9352
737	0	2.7137SLL+1.3CF	3.2636	1.3477	1.2238	5.1798	5.3034	0.0000	0.0000	5.3034
737	1	2.7137SLL+1.3CF	-2.2198	1.8793	0.9239	-6.4189	-6.3632	0.0000	0.0000	-6.4189
737	1	2.7137SLL+1.3CF	3.2636	3.7556	6.9470	2.7713	-0.4198	0.0000	0.0000	6.9470
738	0	2.7137SLL+1.3CF	-3.9467	-5.2509	-4.6804	-2.9469	-3.2018	0.0000	0.0000	-5.2509
738	0	2.7137SLL+1.3CF	2.5929	1.6285	1.2074	3.5573	3.8794	0.0000	0.0000	3.8794
738	1	2.7137SLL+1.3CF	-3.9467	-2.6520	-3.6465	-5.2471	-4.2511	0.0000	0.0000	-5.2471
738	1	2.7137SLL+1.3CF	2.5928	2.5148	3.7940	2.6710	1.4218	0.0000	0.0000	3.7940
739	0	2.7137SLL+1.3CF	-1.2014	-1.9643	-1.4583	-0.0626	0.0000	0.0000	0.0000	-1.9643
739	0	2.7137SLL+1.3CF	1.4845	0.6520	-0.1886	4.6415	0.0000	0.0000	0.0000	4.6415
739	1	2.7137SLL+1.3CF	-1.2014	-1.7600	-1.7607	0.1293	0.0000	0.0000	0.0000	-1.7607
739	1	2.7137SLL+1.3CF	1.4845	1.7104	1.9859	0.3660	0.0000	0.0000	0.0000	1.9859
740	0	2.7137SLL+1.3CF	-1.7291	-0.8099	-1.0148	-3.5349	0.0000	0.0000	0.0000	-3.5349
740	0	2.7137SLL+1.3CF	1.3303	2.6808	3.0410	-2.3818	0.0000	0.0000	0.0000	3.0410
740	1	2.7137SLL+1.3CF	-1.7291	-3.7980	-3.3362	2.5581	0.0000	0.0000	0.0000	-3.7980
740	1	2.7137SLL+1.3CF	1.3303	-0.3743	-0.7532	5.9104	0.0000	0.0000	0.0000	5.9104

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
741	0	2.7137SLL+1.3CF	-0.8323	0.0835	0.0835	-1.2213	-1.2213	0.0000	0.0000	-1.2213
741	0	2.7137SLL+1.3CF	0.4675	-0.0313	-0.0313	0.7054	0.7054	0.0000	0.0000	0.7054
741	1	2.7137SLL+1.3CF	-0.8323	-1.4019	-1.4019	-0.5930	-0.5930	0.0000	0.0000	-1.4019
741	1	2.7137SLL+1.3CF	0.4675	0.7286	0.7286	0.3861	0.3861	0.0000	0.0000	0.7286
742	0	2.7137SLL+1.3CF	-1.8773	-1.5679	-1.5679	-2.1493	-2.1493	0.0000	0.0000	-2.1493
742	0	2.7137SLL+1.3CF	1.7408	1.1960	1.1960	1.9697	1.9697	0.0000	0.0000	1.9697
742	1	2.7137SLL+1.3CF	-1.8773	-1.7231	-1.7231	-2.0640	-2.0640	0.0000	0.0000	-2.0640
742	1	2.7137SLL+1.3CF	1.7408	1.5106	1.5106	1.8376	1.8376	0.0000	0.0000	1.8376
744	0	2.7137SLL+1.3CF	-1.4884	-2.1083	-2.4872	-0.8235	-0.4356	0.0000	0.0000	-2.4872
744	0	2.7137SLL+1.3CF	3.7753	1.8566	1.1557	5.6641	5.3949	0.0000	0.0000	5.3949
744	1	2.7137SLL+1.3CF	-1.4884	-0.6149	-0.3960	-2.3179	-2.5336	0.0000	0.0000	-2.5336
744	1	2.7137SLL+1.3CF	3.7753	6.4065	6.0839	1.1412	1.4668	0.0000	0.0000	6.4065
745	0	2.7137SLL+1.3CF	-4.8665	-4.0606	-7.0359	-5.6723	-2.6670	0.0000	0.0000	-7.0359
745	0	2.7137SLL+1.3CF	1.8091	0.9679	2.2860	2.2504	1.1322	0.0000	0.0000	2.2504
745	1	2.7137SLL+1.3CF	-4.8665	-4.4228	-2.7884	-5.3103	-6.9635	0.0000	0.0000	-6.9635
745	1	2.7137SLL+1.3CF	1.8091	1.9015	1.8043	1.3188	1.3139	0.0000	0.0000	1.9043
747	0	2.7137SLL+1.3CF	-1.2818	-1.6210	-1.4580	-0.9426	-1.1056	0.0000	0.0000	-1.6210
747	0	2.7137SLL+1.3CF	5.0783	-0.4639	-0.7734	10.8206	10.8301	0.0000	0.0000	10.8301
747	1	2.7137SLL+1.3CF	-1.2818	-1.0390	-0.8152	-1.5246	-1.7483	0.0000	0.0000	-1.7483
747	1	2.7137SLL+1.3CF	5.0783	11.0352	10.7720	-0.6785	-0.8153	0.0000	0.0000	11.0352
748	0	2.7137SLL+1.3CF	-8.2078	-10.2179	-8.2278	-3.1978	-4.1581	0.0000	0.0000	-10.2179
748	0	2.7137SLL+1.3CF	1.4138	1.8060	1.3817	1.2217	1.4459	0.0000	0.0000	1.8060
748	1	2.7137SLL+1.3CF	-8.2078	-5.1417	-0.7809	-7.2739	-11.6247	0.0000	0.0000	-11.6247
748	1	2.7137SLL+1.3CF	1.4138	1.8463	1.1934	0.9614	1.6343	0.0000	0.0000	1.8463
750	0	2.7137SLL+1.3CF	-0.5285	-1.2725	-1.1088	0.2154	0.0518	0.0000	0.0000	-1.2725
750	0	2.7137SLL+1.3CF	6.8146	0.9625	0.7014	12.8666	12.9277	0.0000	0.0000	12.9277
750	1	2.7137SLL+1.3CF	-0.5285	0.1554	0.3494	-1.2124	-1.3064	0.0000	0.0000	-1.3064
750	1	2.7137SLL+1.3CF	6.8146	12.6157	12.7019	1.0135	0.9273	0.0000	0.0000	12.7019
751	0	2.7137SLL+1.3CF	-7.8660	-13.4290	-9.1086	-2.5039	-6.8233	0.0000	0.0000	-13.4290
751	0	2.7137SLL+1.3CF	0.5335	0.5336	0.4042	0.5338	0.9829	0.0000	0.0000	0.9829
751	1	2.7137SLL+1.3CF	-7.8660	-6.5747	-2.8047	-9.5573	-13.3272	0.0000	0.0000	-13.3272
751	1	2.7137SLL+1.3CF	0.5335	0.7039	0.7467	0.3632	0.3184	0.0000	0.0000	0.7467
753	0	2.7137SLL+1.3CF	-1.3207	-0.8885	-0.6219	-1.7529	-1.8185	0.0000	0.0000	-1.8185
753	0	2.7137SLL+1.3CF	9.3612	4.9623	4.8572	14.1600	14.0851	0.0000	0.0000	14.1600

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
753	1	2.7137SLL+1.3CF	-1.3207	-1.4489	-1.8981	-1.1924	-0.8432	0.0000	0.0000	-1.8981
753	1	2.7137SLL+1.3CF	9.3612	11.1613	15.6798	7.5610	3.0457	0.0000	0.0000	15.6798
754	0	2.7137SLL+1.3CF	-9.7036	-14.3244	-10.6187	-5.0828	-8.7886	0.0000	0.0000	-14.3244
754	0	2.7137SLL+1.3CF	1.4056	1.8224	1.5564	0.9887	1.2547	0.0000	0.0000	1.8224
754	1	2.7137SLL+1.3CF	-9.7036	-7.0918	-7.8813	-12.3156	-11.5259	0.0000	0.0000	-12.3156
754	1	2.7137SLL+1.3CF	1.4056	0.8887	1.4614	1.8224	1.3487	0.0000	0.0000	1.8224
755	0	2.7137SLL+1.3CF	-1.8267	-2.6464	-1.6837	-1.2319	0.0000	0.0000	0.0000	-2.6464
755	0	2.7137SLL+1.3CF	0.5227	0.7339	0.4614	0.3859	0.0000	0.0000	0.0000	0.7339
755	1	2.7137SLL+1.3CF	-1.8267	-1.8996	-2.4803	-1.0526	0.0000	0.0000	0.0000	-2.4803
755	1	2.7137SLL+1.3CF	0.5227	0.5541	0.6352	0.3356	0.0000	0.0000	0.0000	0.6352
756	0	2.7137SLL+1.3CF	-1.8313	-1.4624	-2.4754	-0.8351	0.0000	0.0000	0.0000	-2.4754
756	0	2.7137SLL+1.3CF	0.3715	3.1488	2.8297	-5.9366	0.0000	0.0000	0.0000	-5.9366
756	1	2.7137SLL+1.3CF	-1.8313	-1.9087	-0.6864	-2.6601	0.0000	0.0000	0.0000	-2.6601
756	1	2.7137SLL+1.3CF	0.3715	-2.3966	-2.0313	6.4561	0.0000	0.0000	0.0000	6.4561
757	0	2.7137SLL+1.3CF	-0.4543	0.3850	0.3850	-0.9066	-0.9066	0.0000	0.0000	-0.9066
757	0	2.7137SLL+1.3CF	0.2420	0.9033	0.9033	-0.0359	-0.0359	0.0000	0.0000	0.9033
757	1	2.7137SLL+1.3CF	-0.4543	-1.0255	-1.0255	-0.2143	-0.2143	0.0000	0.0000	-1.0255
757	1	2.7137SLL+1.3CF	0.2420	-0.3087	-0.3087	0.4733	0.4733	0.0000	0.0000	0.4733
758	0	2.7137SLL+1.3CF	-0.7937	-0.7773	-0.7773	-0.8006	-0.8006	0.0000	0.0000	-0.8006
758	0	2.7137SLL+1.3CF	0.7122	0.5732	0.5732	0.7705	0.7705	0.0000	0.0000	0.7705
758	1	2.7137SLL+1.3CF	-0.7937	-0.8206	-0.8206	-0.7824	-0.7824	0.0000	0.0000	-0.8206
758	1	2.7137SLL+1.3CF	0.7122	0.8817	0.8817	0.6535	0.6535	0.0000	0.0000	0.8817
760	0	2.7137SLL+1.3CF	-1.3564	-1.0823	-1.3546	-1.8265	-1.3562	0.0000	0.0000	-1.8265
760	0	2.7137SLL+1.3CF	9.7957	7.5219	8.5000	12.0686	11.0915	0.0000	0.0000	12.0686
760	1	2.7137SLL+1.3CF	-1.3564	-1.5133	-1.3676	-1.1975	-1.3232	0.0000	0.0000	-1.5133
760	1	2.7137SLL+1.3CF	9.7957	11.2355	11.0156	8.3539	8.5759	0.0000	0.0000	11.2355
761	0	2.7137SLL+1.3CF	-10.8364	-8.3743	-11.0400	-12.6985	-10.0327	0.0000	0.0000	-12.6985
761	0	2.7137SLL+1.3CF	1.4863	0.9908	1.7295	1.8618	1.2421	0.0000	0.0000	1.8618
761	1	2.7137SLL+1.3CF	-10.8364	-13.2939	-9.8613	-7.7769	-12.1115	0.0000	0.0000	-13.2939
761	1	2.7137SLL+1.3CF	1.4863	1.7130	1.4053	1.2598	1.5373	0.0000	0.0000	1.7130
763	0	2.7137SLL+1.3CF	-0.7809	0.0659	0.1616	-1.5877	-1.7034	0.0000	0.0000	-1.7034
763	0	2.7137SLL+1.3CF	8.7954	9.4415	9.2327	8.1492	8.3680	0.0000	0.0000	9.4415
763	1	2.7137SLL+1.3CF	-0.7809	-1.8784	-1.4639	0.1565	-0.0580	0.0000	0.0000	-1.8784
763	1	2.7137SLL+1.3CF	8.7954	8.1837	8.2088	9.4070	9.3619	0.0000	0.0000	9.4070

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
764	0	2.7137SLL+1.3CF	-10.1088	-11.3276	-8.8944	-8.8895	-13.2237	0.0000	0.0000	-13.2237
764	0	2.7137SLL+1.3CF	0.7859	1.5630	1.5302	0.0089	0.0417	0.0000	0.0000	1.5630
764	1	2.7137SLL+1.3CF	-10.1088	-14.2984	-7.4501	-5.9507	-12.7671	0.0000	0.0000	-14.2984
764	1	2.7137SLL+1.3CF	0.7859	0.2612	0.0406	1.3107	1.5313	0.0000	0.0000	1.5313
766	0	2.7137SLL+1.3CF	-1.8635	-0.4668	-0.2491	-2.9603	-3.0780	0.0000	0.0000	-3.0780
766	0	2.7137SLL+1.3CF	8.2298	9.5963	9.6296	6.8636	6.8303	0.0000	0.0000	9.6296
766	1	2.7137SLL+1.3CF	-1.8635	-2.9736	-2.7872	-0.3531	-0.5399	0.0000	0.0000	-2.9736
766	1	2.7137SLL+1.3CF	8.2298	6.7191	7.1952	9.7408	9.2647	0.0000	0.0000	9.7408
767	0	2.7137SLL+1.3CF	-9.5217	-11.3620	-4.7503	-7.4814	-14.2931	0.0000	0.0000	-14.2931
767	0	2.7137SLL+1.3CF	1.6557	2.7901	2.0171	0.9313	1.6943	0.0000	0.0000	2.7901
767	1	2.7137SLL+1.3CF	-9.5217	-12.9736	-7.9449	-6.0868	-11.3988	0.0000	0.0000	-12.9736
767	1	2.7137SLL+1.3CF	1.6557	1.8001	1.3431	2.1113	2.3684	0.0000	0.0000	2.3684
769	0	2.7137SLL+1.3CF	-2.6365	1.6853	1.5665	-6.8884	-6.8096	0.0000	0.0000	-6.8884
769	0	2.7137SLL+1.3CF	7.6074	9.2110	9.8985	8.0037	5.5182	0.0000	0.0000	9.8985
769	1	2.7137SLL+1.3CF	-2.6365	-6.1067	-7.2672	0.8236	1.9941	0.0000	0.0000	-7.2672
769	1	2.7137SLL+1.3CF	7.6074	4.0316	7.8931	11.1831	7.3218	0.0000	0.0000	11.1831
770	0	2.7137SLL+1.3CF	-9.0218	-10.6535	-5.6277	-7.3902	-12.4180	0.0000	0.0000	-12.4180
770	0	2.7137SLL+1.3CF	2.5083	3.6360	4.0015	1.3746	1.0112	0.0000	0.0000	4.0015
770	1	2.7137SLL+1.3CF	-9.0218	-9.8703	-8.8766	-9.1734	-9.3688	0.0000	0.0000	-9.8766
770	1	2.7137SLL+1.3CF	2.5083	1.0188	2.7913	3.9937	2.2213	0.0000	0.0000	3.9937
771	0	2.7137SLL+1.3CF	-2.2869	-2.0701	-1.1430	-4.0827	0.0000	0.0000	0.0000	-4.0827
771	0	2.7137SLL+1.3CF	1.7711	3.7910	2.7477	-1.5867	0.0000	0.0000	0.0000	3.7910
771	1	2.7137SLL+1.3CF	-2.2869	-2.3558	-2.6188	-1.7598	0.0000	0.0000	0.0000	-2.6188
771	1	2.7137SLL+1.3CF	1.7711	1.4841	1.8284	1.9790	0.0000	0.0000	0.0000	1.9790
772	0	2.7137SLL+1.3CF	-2.0422	-3.3012	-3.4127	1.1066	0.0000	0.0000	0.0000	-3.4127
772	0	2.7137SLL+1.3CF	3.1446	1.3947	1.9367	3.1814	0.0000	0.0000	0.0000	3.1814
772	1	2.7137SLL+1.3CF	-2.0422	-0.0849	0.4097	-7.3837	0.0000	0.0000	0.0000	-7.3837
772	1	2.7137SLL+1.3CF	3.1446	3.6286	2.8455	-0.3070	0.0000	0.0000	0.0000	3.6286
773	0	2.7137SLL+1.3CF	-0.5481	-0.3075	-0.3075	-0.6482	-0.6482	0.0000	0.0000	-0.6482
773	0	2.7137SLL+1.3CF	0.6465	-0.1869	-0.1869	0.8882	0.8882	0.0000	0.0000	0.8882
773	1	2.7137SLL+1.3CF	-0.5481	-0.5746	-0.5746	-0.5370	-0.5370	0.0000	0.0000	-0.5746
773	1	2.7137SLL+1.3CF	0.6465	1.1112	1.1112	0.4612	0.4612	0.0000	0.0000	1.1112
774	0	2.7137SLL+1.3CF	-2.1569	-1.7741	-1.7741	-2.3178	-2.3178	0.0000	0.0000	-2.3178
774	0	2.7137SLL+1.3CF	2.3914	1.5574	1.5574	2.7418	2.7418	0.0000	0.0000	2.7418

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
774	1	2.7137SLL+1.3CF	-2.1569	-1.8233	-1.8233	-2.2971	-2.2971	0.0000	0.0000	-2.2971
774	1	2.7137SLL+1.3CF	2.3914	2.2647	2.2647	2.4447	2.4447	0.0000	0.0000	2.4447
776	0	2.7137SLL+1.3CF	-3.1914	0.5571	0.6258	-6.6399	-7.0087	0.0000	0.0000	-7.0087
776	0	2.7137SLL+1.3CF	7.3370	8.3677	10.4816	6.2864	4.1725	0.0000	0.0000	10.4816
776	1	2.7137SLL+1.3CF	-3.1914	-7.0213	-7.0888	0.6386	0.7061	0.0000	0.0000	-7.0888
776	1	2.7137SLL+1.3CF	7.3370	5.1632	5.5485	9.4908	9.1258	0.0000	0.0000	9.4908
777	0	2.7137SLL+1.3CF	-8.4240	-6.9002	-8.6392	-6.8678	-8.2088	0.0000	0.0000	-8.8678
777	0	2.7137SLL+1.3CF	3.6727	3.8129	4.4174	3.5326	2.9280	0.0000	0.0000	4.4174
777	1	2.7137SLL+1.3CF	-8.4240	-10.8878	-7.0465	-5.8604	-8.8014	0.0000	0.0000	-10.8878
777	1	2.7137SLL+1.3CF	3.6727	3.8791	1.3504	3.8663	5.9651	0.0000	0.0000	5.9651
779	0	2.7137SLL+1.3CF	-4.2475	-0.4335	-0.5247	-8.0614	-7.9703	0.0000	0.0000	-8.0614
779	0	2.7137SLL+1.3CF	6.7917	8.8623	9.3483	4.8011	4.2371	0.0000	0.0000	9.3483
779	1	2.7137SLL+1.3CF	-4.2475	-7.9163	-8.1406	-0.5788	-0.3543	0.0000	0.0000	-8.1406
779	1	2.7137SLL+1.3CF	6.7917	4.4655	4.8458	9.1179	8.7376	0.0000	0.0000	9.1179
780	0	2.7137SLL+1.3CF	-7.9462	-6.7469	-4.8027	-7.1435	-11.3897	0.0000	0.0000	-11.3897
780	0	2.7137SLL+1.3CF	4.4988	7.3743	4.9045	1.6229	4.0627	0.0000	0.0000	7.3743
780	1	2.7137SLL+1.3CF	-7.9462	-11.7911	-5.8206	-4.1313	-10.0718	0.0000	0.0000	-11.7911
780	1	2.7137SLL+1.3CF	4.4988	4.7590	1.1246	4.2362	7.8726	0.0000	0.0000	7.8726
782	0	2.7137SLL+1.3CF	-5.0281	-1.1383	-1.3995	-8.9178	-8.6567	0.0000	0.0000	-8.9178
782	0	2.7137SLL+1.3CF	8.2952	8.4109	8.7933	4.1799	3.7971	0.0000	0.0000	8.7933
782	1	2.7137SLL+1.3CF	-5.0281	-8.5872	-8.8870	-1.4889	-1.1891	0.0000	0.0000	-8.8870
782	1	2.7137SLL+1.3CF	8.2952	4.0221	4.5465	8.5683	8.0421	0.0000	0.0000	8.5683
783	0	2.7137SLL+1.3CF	-7.4089	-6.3490	-3.3098	-9.5689	-11.5081	0.0000	0.0000	-11.5081
783	0	2.7137SLL+1.3CF	5.3611	8.6579	4.7893	2.0643	5.9329	0.0000	0.0000	8.6579
783	1	2.7137SLL+1.3CF	-7.4089	-10.5656	-5.9984	-4.2523	-8.8215	0.0000	0.0000	-10.5656
783	1	2.7137SLL+1.3CF	5.3611	5.5111	2.4487	5.2111	8.2735	0.0000	0.0000	8.2735
785	0	2.7137SLL+1.3CF	-5.7306	-3.5353	-2.8613	-8.9259	-8.5998	0.0000	0.0000	-8.9259
785	0	2.7137SLL+1.3CF	5.7492	7.3000	8.0317	3.9684	3.4668	0.0000	0.0000	8.0317
785	1	2.7137SLL+1.3CF	-5.7306	-7.4409	-8.8360	-4.0203	-1.8232	0.0000	0.0000	-8.8360
785	1	2.7142SLL+1.3CF	5.7492	2.8653	5.2992	8.6332	8.1993	0.0000	0.0000	8.6332
786	0	2.7137SLL+1.3CF	-6.9458	-6.4291	-5.8638	-5.4685	-10.0339	0.0000	0.0000	-10.0339
786	0	2.7137SLL+1.3CF	5.9670	8.2039	5.1229	3.7703	6.6512	0.0000	0.0000	8.2039
786	1	2.7137SLL+1.3CF	-6.9458	-7.1716	-7.1344	-6.7260	-6.7633	0.0000	0.0000	-7.1716
786	1	2.7137SLL+1.3CF	5.9670	5.5748	5.7075	6.3993	6.2666	0.0000	0.0000	6.3993

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
787	0	2.713TSLL+1.3CF	-0.9728	-0.9595	-0.8015	-1.4985	0.0000	0.0000	0.0000	-1.4985
787	0	2.713TSLL+1.3CF	2.5026	4.8089	3.2296	-0.4389	0.0000	0.0000	0.0000	4.8089
787	1	2.713TSLL+1.3CF	-0.9728	-1.0327	-1.0194	-0.8485	0.0000	0.0000	0.0000	-1.0327
787	1	2.713TSLL+1.3CF	2.5026	2.1662	2.4798	3.0375	0.0000	0.0000	0.0000	3.0375
788	0	2.713TSLL+1.3CF	-2.8423	-3.3583	-3.5741	-1.4162	0.0000	0.0000	0.0000	-3.5741
788	0	2.713TSLL+1.3CF	1.0688	0.6668	0.9790	1.5668	0.0000	0.0000	0.0000	1.5668
788	1	2.713TSLL+1.3CF	-2.8423	-2.1311	-1.4576	-5.4648	0.0000	0.0000	0.0000	-5.4648
788	1	2.713TSLL+1.3CF	1.0688	1.6000	1.2692	0.3839	0.0000	0.0000	0.0000	1.6000
789	0	2.713TSLL+1.3CF	-0.4617	-0.6182	-0.6182	-0.3859	-0.3859	0.0000	0.0000	-0.6182
789	0	2.713TSLL+1.3CF	1.0701	-0.5869	-0.5869	1.7713	1.7713	0.0000	0.0000	1.7713
789	1	2.713TSLL+1.3CF	-0.4617	-0.0797	-0.0797	-0.6222	-0.6222	0.0000	0.0000	-0.6222
789	1	2.713TSLL+1.3CF	1.0701	2.1575	2.1575	0.6133	0.6133	0.0000	0.0000	2.1575
790	0	2.713TSLL+1.3CF	-2.7479	-1.9828	-1.9828	-3.0650	-3.0650	0.0000	0.0000	-3.0650
790	0	2.713TSLL+1.3CF	2.5456	1.8087	1.8087	2.8555	2.8555	0.0000	0.0000	2.8555
790	1	2.713TSLL+1.3CF	-2.7479	-2.5995	-2.5995	-2.8144	-2.8144	0.0000	0.0000	-2.8144
790	1	2.713TSLL+1.3CF	2.5456	2.2420	2.2420	2.6734	2.6734	0.0000	0.0000	2.6734
792	0	2.713TSLL+1.3CF	-5.8887	-2.7446	-4.3737	-8.0358	-7.3996	0.0000	0.0000	-8.0358
792	0	2.713TSLL+1.3CF	5.4047	5.9345	8.1555	4.8749	2.8539	0.0000	0.0000	8.1555
792	1	2.713TSLL+1.3CF	-5.8887	-6.2106	-6.3455	-3.5624	-3.4278	0.0000	0.0000	-6.3455
792	1	2.713TSLL+1.3CF	5.4047	3.7775	4.2878	7.0320	6.5117	0.0000	0.0000	7.0320
793	0	2.713TSLL+1.3CF	-6.3097	-5.7339	-5.8238	-6.5854	-6.7956	0.0000	0.0000	-6.6854
793	0	2.713TSLL+1.3CF	6.6190	6.3805	6.5952	6.8495	6.8348	0.0000	0.0000	6.8495
793	1	2.713TSLL+1.3CF	-6.3097	-6.7033	-6.2851	-3.9160	-7.3543	0.0000	0.0000	-6.7033
793	1	2.713TSLL+1.3CF	6.6190	6.1259	4.3032	9.1041	8.9268	0.0000	0.0000	9.9268
795	0	2.713TSLL+1.3CF	-6.1107	-4.5030	-4.1136	-7.7184	-8.1078	0.0000	0.0000	-8.1078
795	0	2.713TSLL+1.3CF	4.7083	5.6378	6.0029	3.7748	3.4098	0.0000	0.0000	6.0029
795	1	2.713TSLL+1.3CF	-6.1107	-6.2791	-7.6747	-3.9423	-4.5486	0.0000	0.0000	-6.2791
795	1	2.713TSLL+1.3CF	4.7083	3.8096	4.1516	5.8031	5.2911	0.0000	0.0000	5.8031
796	0	2.713TSLL+1.3CF	-5.7838	-6.2760	-2.8373	-5.2898	-6.7305	0.0000	0.0000	-6.7305
796	0	2.713TSLL+1.3CF	6.8878	9.3807	5.4646	4.3648	5.2910	0.0000	0.0000	9.3807
796	1	2.713TSLL+1.3CF	-5.7838	-6.8947	-4.6264	-2.6731	-6.9413	0.0000	0.0000	-6.8947
796	1	2.713TSLL+1.3CF	6.8878	8.7693	3.7704	5.0063	10.0052	0.0000	0.0000	10.0052
798	0	2.713TSLL+1.3CF	-6.1484	-5.0244	-4.2486	-7.2723	-8.0469	0.0000	0.0000	-8.0469
798	0	2.713TSLL+1.3CF	4.0383	4.1231	4.4444	3.9534	3.6321	0.0000	0.0000	4.4444

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
798	1	2.713TSLL+1.3CF	-6.1484	-7.5445	-6.0720	-4.7523	-4.2247	0.0000	0.0000	-6.0720
798	1	2.713TSLL+1.3CF	4.0383	3.9860	4.6717	4.1105	3.4048	0.0000	0.0000	4.6717
799	0	2.713TSLL+1.3CF	-5.1444	-5.8683	-1.9844	-4.4205	-6.3048	0.0000	0.0000	-6.3048
799	0	2.713TSLL+1.3CF	7.0282	9.4507	4.4652	4.8058	9.6013	0.0000	0.0000	9.6013
799	1	2.713TSLL+1.3CF	-5.1444	-7.4788	-5.1418	-2.8101	-5.1471	0.0000	0.0000	-7.4788
799	1	2.713TSLL+1.3CF	7.0282	9.0286	5.6430	5.0299	8.2135	0.0000	0.0000	9.0286
801	0	2.713TSLL+1.3CF	-3.6868	-2.6430	-3.2278	-4.7309	-4.1481	0.0000	0.0000	-4.7309
801	0	2.713TSLL+1.3CF	3.2014	1.5811	2.3005	2.8117	2.1022	0.0000	0.0000	2.8117
801	1	2.713TSLL+1.3CF	-3.6868	-3.9484	-4.3815	-3.4244	-2.9824	0.0000	0.0000	-4.3815
801	1	2.713TSLL+1.3CF	3.2014	2.3594	2.3572	2.0434	2.0456	0.0000	0.0000	2.3594
802	0	2.713TSLL+1.3CF	-4.4894	-4.4754	-2.1718	-4.5033	-6.8071	0.0000	0.0000	-6.8071
802	0	2.713TSLL+1.3CF	8.8523	7.4084	4.2576	5.8662	9.0470	0.0000	0.0000	9.0470
802	1	2.713TSLL+1.3CF	-4.4894	-4.5372	-5.8964	-4.4416	-2.9823	0.0000	0.0000	-5.8964
802	1	2.713TSLL+1.3CF	8.8523	8.2330	8.0088	7.0716	5.2959	0.0000	0.0000	8.3086
803	0	2.713TSLL+1.3CF	-0.6575	-0.5863	-0.4290	-1.0420	0.0000	0.0000	0.0000	-1.0420
803	0	2.713TSLL+1.3CF	2.5174	3.0159	2.7692	1.8712	0.0000	0.0000	0.0000	3.0159
803	1	2.713TSLL+1.3CF	-0.6575	-0.8559	-0.8312	-0.2183	0.0000	0.0000	0.0000	-0.8559
803	1	2.713TSLL+1.3CF	2.5174	2.4088	2.2188	3.0406	0.0000	0.0000	0.0000	3.0406
804	0	2.713TSLL+1.3CF	-3.0214	-3.5253	-2.3404	-4.4573	0.0000	0.0000	0.0000	-4.4573
804	0	2.713TSLL+1.3CF	0.8471	1.2539	1.2346	0.2433	0.0000	0.0000	0.0000	1.2539
804	1	2.713TSLL+1.3CF	-3.0214	-3.1881	-3.8579	-1.9761	0.0000	0.0000	0.0000	-3.8579
804	1	2.713TSLL+1.3CF	0.8471	0.5398	0.7660	1.8051	0.0000	0.0000	0.0000	1.8051
805	0	2.713TSLL+1.3CF	-0.3660	0.0134	0.0134	-0.5239	-0.5239	0.0000	0.0000	-0.5239
805	0	2.713TSLL+1.3CF	0.4490	-0.9365	-0.8365	1.0268	1.0268	0.0000	0.0000	1.0268
805	1	2.713TSLL+1.3CF	-0.3660	-0.6940	-0.6940	-0.2387	-0.2387	0.0000	0.0000	-0.6940
805	1	2.713TSLL+1.3CF	0.4490	1.2262	1.2262	0.1173	0.1173	0.0000	0.0000	1.2262
806	0	2.713TSLL+1.3CF	-2.9026	-2.2170	-2.2170	-3.1906	-3.1906	0.0000	0.0000	-3.1906
806	0	2.713TSLL+1.3CF	2.2278	1.7929	1.7929	2.4105	2.4105	0.0000	0.0000	2.4105
806	1	2.713TSLL+1.3CF	-2.9026	-2.8374	-2.8374	-3.0140	-3.0140	0.0000	0.0000	-3.0140
806	1	2.713TSLL+1.3CF	2.2278	1.8794	1.8794	2.3741	2.3741	0.0000	0.0000	2.3741
808	0	2.713TSLL+1.3CF	-2.4393	-2.0713	-2.9882	-2.8074	-1.8105	0.0000	0.0000	-2.9882
808	0	2.713TSLL+1.3CF	1.4758	1.1204	2.0474	1.8312	0.9042	0.0000	0.0000	2.0474
808	1	2.713TSLL+1.3CF	-2.4393	-2.5172	-3.4316	-2.3615	-2.4470	0.0000	0.0000	-2.5172
808	1	2.713TSLL+1.3CF	1.4758	1.4445	1.4390	1.5071	1.5156	0.0000	0.0000	1.5156

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
809	0	2.7137SLL+1.3CF	-3.7828	-2.5297	-3.4807	-5.0359	-4.0850	0.0000	0.0000	-5.0359
809	0	2.7137SLL+1.3CF	6.1041	4.8639	6.3178	7.3445	5.8923	0.0000	0.0000	7.3445
809	1	2.7137SLL+1.3CF	-3.7828	-5.2280	-3.8500	-2.3396	-3.7157	0.0000	0.0000	-5.2280
809	1	2.7137SLL+1.3CF	6.1041	7.7563	5.1882	4.4618	7.0089	0.0000	0.0000	7.7563
811	0	2.7137SLL+1.3CF	-2.1215	-2.2967	-2.1828	-1.9462	-2.0500	0.0000	0.0000	-2.2967
811	0	2.7137SLL+1.3CF	1.2245	1.3601	1.3724	1.0689	1.0765	0.0000	0.0000	1.3601
811	1	2.7137SLL+1.3CF	-2.1215	-2.0749	-2.1913	-2.1650	-2.0516	0.0000	0.0000	-2.1913
811	1	2.7137SLL+1.3CF	1.2245	1.0548	1.2491	1.3842	1.1999	0.0000	0.0000	1.3842
812	0	2.7137SLL+1.3CF	-3.3167	-3.0978	-1.7186	-3.5356	-4.9137	0.0000	0.0000	-4.9137
812	0	2.7137SLL+1.3CF	5.7627	6.4848	3.8484	5.0309	7.5771	0.0000	0.0000	7.5771
812	1	2.7137SLL+1.3CF	-3.3167	-5.1301	-3.1447	-1.5034	-3.4688	0.0000	0.0000	-5.1301
812	1	2.7137SLL+1.3CF	5.7627	8.2188	4.4703	3.3068	7.0551	0.0000	0.0000	8.2188
814	0	2.7137SLL+1.3CF	-2.0891	-2.1165	-2.3829	-2.0679	-1.7933	0.0000	0.0000	-2.3829
814	0	2.7137SLL+1.3CF	1.0547	1.0901	1.2838	1.0194	0.8257	0.0000	0.0000	1.2838
814	1	2.7137SLL+1.3CF	-2.0891	-1.9312	-2.1599	-2.2551	-2.0277	0.0000	0.0000	-2.2551
814	1	2.7137SLL+1.3CF	1.0547	0.9014	1.0726	1.2080	1.0385	0.0000	0.0000	1.2080
815	0	2.7137SLL+1.3CF	-2.6186	-2.6827	-0.6922	-2.7504	-4.7409	0.0000	0.0000	-4.7409
815	0	2.7137SLL+1.3CF	5.2884	6.2728	2.5078	4.2600	8.0249	0.0000	0.0000	8.0249
815	1	2.7137SLL+1.3CF	-2.6186	-4.2339	-3.1193	-1.3982	-2.5137	0.0000	0.0000	-4.2339
815	1	2.7137SLL+1.3CF	5.2884	7.3841	4.9831	3.1487	5.5397	0.0000	0.0000	7.3841
817	0	2.7137SLL+1.3CF	-1.7921	-1.8927	-2.0925	-1.8915	-1.4916	0.0000	0.0000	-2.0925
817	0	2.7137SLL+1.3CF	0.8679	0.9183	1.0644	0.8186	0.6513	0.0000	0.0000	1.0644
817	1	2.7137SLL+1.3CF	-1.7921	-1.7288	-1.6504	-1.8874	-1.9338	0.0000	0.0000	-1.9338
817	1	2.7137SLL+1.3CF	0.8679	0.9982	0.5634	0.7395	1.1523	0.0000	0.0000	1.1523
818	0	2.7137SLL+1.3CF	-2.3968	-2.1176	-1.0133	-2.5958	-3.7003	0.0000	0.0000	-3.7003
818	0	2.7137SLL+1.3CF	4.7754	5.0054	2.6606	4.5453	6.8601	0.0000	0.0000	6.8601
818	1	2.7137SLL+1.3CF	-2.3968	-2.4372	-3.4547	-2.2764	-1.2586	0.0000	0.0000	-3.4547
818	1	2.7137SLL+1.3CF	4.7754	4.7230	6.2487	4.8277	3.3020	0.0000	0.0000	6.2487
819	0	2.7137SLL+1.3CF	-0.7139	-0.4298	-0.2628	-1.6208	0.0000	0.0000	0.0000	-1.6208
819	0	2.7137SLL+1.3CF	1.8775	2.5604	2.5342	0.2643	0.0000	0.0000	0.0000	2.5604
819	1	2.7137SLL+1.3CF	-0.7139	-1.1294	-1.1364	0.2848	0.0000	0.0000	0.0000	-1.1364
819	1	2.7137SLL+1.3CF	1.8775	1.3747	1.1682	3.3595	0.0000	0.0000	0.0000	3.3595
820	0	2.7137SLL+1.3CF	-2.4397	-1.6300	-1.4291	-4.6443	0.0000	0.0000	0.0000	-4.6443
820	0	2.7137SLL+1.3CF	0.9047	1.3552	1.3112	-0.1868	0.0000	0.0000	0.0000	1.3552

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
820	1	2.7137SLL+1.3CF	-2.4397	-2.9457	-3.2937	-0.7160	0.0000	0.0000	0.0000	-3.2937
820	1	2.7137SLL+1.3CF	0.9047	0.3723	0.5756	1.8913	0.0000	0.0000	0.0000	1.8913
821	0	2.7137SLL+1.3CF	-0.1333	-0.0079	-0.0079	-0.1860	-0.1860	0.0000	0.0000	-0.1860
821	0	2.7137SLL+1.3CF	0.3054	0.0867	0.0867	0.3823	0.3823	0.0000	0.0000	0.3823
821	1	2.7137SLL+1.3CF	-0.1333	-0.2535	-0.2535	-0.0829	-0.0829	0.0000	0.0000	-0.2535
821	1	2.7137SLL+1.3CF	0.3054	0.7139	0.7139	0.1336	0.1336	0.0000	0.0000	0.7139
822	0	2.7137SLL+1.3CF	-2.2573	-1.8017	-1.8017	-2.4467	-2.4467	0.0000	0.0000	-2.4467
822	0	2.7137SLL+1.3CF	1.6360	1.3535	1.3535	1.7575	1.7575	0.0000	0.0000	1.7575
822	1	2.7137SLL+1.3CF	-2.2573	-2.0036	-2.0036	-2.3636	-2.3636	0.0000	0.0000	-2.3636
822	1	2.7137SLL+1.3CF	1.6360	1.3119	1.3119	1.7749	1.7749	0.0000	0.0000	1.7749
824	0	2.7137SLL+1.3CF	-1.5252	-0.9117	-2.4163	-2.1387	-0.6341	0.0000	0.0000	-2.4163
824	0	2.7137SLL+1.3CF	0.6899	0.3150	1.3338	1.0846	0.0661	0.0000	0.0000	1.3338
824	1	2.7137SLL+1.3CF	-1.5252	-1.5080	-1.4322	-1.5412	-1.6182	0.0000	0.0000	-1.6182
824	1	2.7137SLL+1.3CF	0.6899	0.6600	0.5671	0.7596	0.8328	0.0000	0.0000	0.8328
825	0	2.7137SLL+1.3CF	-1.7979	-0.9992	-1.2407	-2.6068	-2.3551	0.0000	0.0000	-2.6068
825	0	2.7137SLL+1.3CF	4.0115	2.8182	3.4133	5.4047	4.8096	0.0000	0.0000	5.4047
825	1	2.7137SLL+1.3CF	-1.7979	-2.8241	-2.3261	-0.7719	-1.2997	0.0000	0.0000	-2.8241
825	1	2.7137SLL+1.3CF	4.0115	5.8256	4.5673	2.1932	3.4556	0.0000	0.0000	5.8256
827	0	2.7137SLL+1.3CF	-1.1582	-1.4488	-1.3728	-0.8679	-0.9436	0.0000	0.0000	-1.4488
827	0	2.7137SLL+1.3CF	0.4709	0.6437	0.5483	0.2982	0.3935	0.0000	0.0000	0.6437
827	1	2.7137SLL+1.3CF	-1.1582	-0.9297	-1.0899	-1.3867	-1.2466	0.0000	0.0000	-1.3867
827	1	2.7137SLL+1.3CF	0.4709	0.3529	0.4081	0.5890	0.5337	0.0000	0.0000	0.5890
828	0	2.7137SLL+1.3CF	-1.3064	-0.5846	-0.0946	-2.0282	-2.5280	0.0000	0.0000	-2.5280
828	0	2.7137SLL+1.3CF	3.1537	2.2201	0.9547	4.0874	5.3528	0.0000	0.0000	5.3528
828	1	2.7137SLL+1.3CF	-1.3064	-2.4952	-2.0043	-0.1178	-0.6085	0.0000	0.0000	-2.4952
828	1	2.7137SLL+1.3CF	3.1537	5.8520	4.0341	0.6655	2.2734	0.0000	0.0000	5.8520
830	0	2.7137SLL+1.3CF	-0.6469	-1.2566	-1.3784	-0.6365	-0.5147	0.0000	0.0000	-1.3784
830	0	2.7137SLL+1.3CF	0.5494	0.4711	0.5230	0.2277	0.1757	0.0000	0.0000	0.5230
830	1	2.7137SLL+1.3CF	-0.6469	-0.4842	-0.6838	-1.4089	-1.2089	0.0000	0.0000	-1.4089
830	1	2.7137SLL+1.3CF	0.5494	0.1130	0.2686	0.5857	0.4092	0.0000	0.0000	0.5857
831	0	2.7137SLL+1.3CF	-0.7937	-0.1859	0.3239	-1.4214	-1.9132	0.0000	0.0000	-1.9132
831	0	2.7137SLL+1.3CF	1.8613	0.8633	-0.5874	2.8993	4.3600	0.0000	0.0000	4.3600
831	1	2.7137SLL+1.3CF	-0.7937	-1.5623	-1.5844	-0.0250	-0.0029	0.0000	0.0000	-1.5844
831	1	2.7137SLL+1.3CF	1.8613	3.8253	3.2731	-0.0627	0.4885	0.0000	0.0000	3.8253

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
833	0	2.713758LL+1.3CF	-0.2310	-0.3606	-0.5382	-0.1016	0.0871	0.0000	0.0000	-0.5382
833	0	2.713758LL+1.3CF	0.0788	0.0667	0.2402	0.0890	-0.0624	0.0000	0.0000	0.2402
833	1	2.713758LL+1.3CF	-0.2310	-0.9115	0.8629	0.4494	-1.3447	0.0000	0.0000	-1.3447
833	1	2.713758LL+1.3CF	0.0788	0.7420	-0.7303	-0.5842	0.8880	0.0000	0.0000	0.8880
834	0	2.713758LL+1.3CF	-0.3594	0.4177	0.3969	-1.1365	-1.1157	0.0000	0.0000	-1.1365
834	0	2.713758LL+1.3CF	0.8813	-0.6603	-1.2438	2.4729	3.0265	0.0000	0.0000	3.0265
834	1	2.713758LL+1.3CF	-0.3594	-0.6137	-1.4052	-0.1051	0.6864	0.0000	0.0000	-1.4052
834	1	2.713758LL+1.3CF	0.8813	1.6843	2.9688	-0.2017	-1.1881	0.0000	0.0000	2.9688
835	0	2.713758LL+1.3CF	-1.3898	-2.4783	-1.8029	0.0605	0.0000	0.0000	0.0000	-2.4783
835	0	2.713758LL+1.3CF	0.3873	2.3136	1.8773	-3.5621	0.0000	0.0000	0.0000	-3.5621
835	1	2.713758LL+1.3CF	-1.3898	-0.2471	-0.6795	-3.0313	0.0000	0.0000	0.0000	-3.0313
835	1	2.713758LL+1.3CF	0.3873	-1.4316	-1.2990	4.5260	0.0000	0.0000	0.0000	4.5260
836	0	2.713758LL+1.3CF	-1.4949	1.2432	0.8668	-7.2167	0.0000	0.0000	0.0000	-7.2167
836	0	2.713758LL+1.3CF	0.8625	-1.1087	-0.8426	4.5122	0.0000	0.0000	0.0000	4.5122
836	1	2.713758LL+1.3CF	-1.4949	-4.1099	-3.2712	3.5716	0.0000	0.0000	0.0000	-4.1099
836	1	2.713758LL+1.3CF	0.8625	3.4070	2.9053	-2.9356	0.0000	0.0000	0.0000	-2.9356
837	0	2.713758LL+1.3CF	-0.0741	-0.4274	-0.4274	0.0743	0.0743	0.0000	0.0000	-0.4274
837	0	2.713758LL+1.3CF	0.1692	-0.0478	-0.0478	0.2604	0.2604	0.0000	0.0000	0.2604
837	1	2.713758LL+1.3CF	-0.0741	0.2499	0.2499	-0.2102	-0.2102	0.0000	0.0000	0.2499
837	1	2.713758LL+1.3CF	0.1692	0.3714	0.3714	0.0643	0.0643	0.0000	0.0000	0.3714
838	0	2.713758LL+1.3CF	-0.2000	-0.1581	-0.1581	-0.2184	-0.2184	0.0000	0.0000	-0.2184
838	0	2.713758LL+1.3CF	0.3531	0.4330	0.4330	0.3185	0.3185	0.0000	0.0000	0.4330
838	1	2.713758LL+1.3CF	-0.2000	-0.2642	-0.2642	-0.1730	-0.1730	0.0000	0.0000	-0.2642
838	1	2.713758LL+1.3CF	0.3531	0.2940	0.2940	0.3779	0.3779	0.0000	0.0000	0.3779
840	0	2.713758LL+1.3CF	-1.6715	-1.6382	-1.2343	-2.0083	0.0000	0.0000	0.0000	-2.0083
840	0	2.713758LL+1.3CF	0.5394	1.8856	1.7727	-2.5091	0.0000	0.0000	0.0000	-2.5091
840	1	2.713758LL+1.3CF	-1.6715	-1.5007	-2.1873	-1.1185	0.0000	0.0000	0.0000	-2.1873
840	1	2.713758LL+1.3CF	0.5394	-0.9098	-0.6877	3.6547	0.0000	0.0000	0.0000	3.6547
841	0	2.713758LL+1.3CF	-1.2878	-1.6144	-2.2265	0.3345	0.0000	0.0000	0.0000	-2.2265
841	0	2.713758LL+1.3CF	0.9079	2.5557	2.9614	-3.6029	0.0000	0.0000	0.0000	-3.6029
841	1	2.713758LL+1.3CF	-1.2878	-1.1390	-0.4802	-2.5788	0.0000	0.0000	0.0000	-2.5788
841	1	2.713758LL+1.3CF	0.9079	-0.4222	-1.0556	4.9472	0.0000	0.0000	0.0000	4.9472
842	0	2.713758LL+1.3CF	-0.0745	-0.3170	-0.3170	0.0274	0.0274	0.0000	0.0000	-0.3170
842	0	2.713758LL+1.3CF	0.2205	0.2647	0.2647	0.2019	0.2019	0.0000	0.0000	0.2647

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
842	1	2.713758LL+1.3CF	-0.0745	0.2049	0.2049	-0.1918	-0.1918	0.0000	0.0000	0.2049
842	1	2.713758LL+1.3CF	0.2205	0.2400	0.2400	0.2123	0.2123	0.0000	0.0000	0.2400
843	0	2.713758LL+1.3CF	-0.4844	-0.6321	-0.6321	-0.4234	-0.4234	0.0000	0.0000	-0.6321
843	0	2.713758LL+1.3CF	0.5672	0.6886	0.6886	0.5446	0.5446	0.0000	0.0000	0.6886
843	1	2.713758LL+1.3CF	-0.4844	-0.4017	-0.4017	-0.5192	-0.5192	0.0000	0.0000	-0.5192
843	1	2.713758LL+1.3CF	0.5672	0.4689	0.4689	0.6069	0.6069	0.0000	0.0000	0.6069
845	0	2.713758LL+1.3CF	-0.3028	-0.9194	0.7405	0.3139	-1.3460	0.0000	0.0000	-1.3460
845	0	2.713758LL+1.3CF	0.1234	0.7335	-0.6825	-0.4867	0.9293	0.0000	0.0000	0.9293
845	1	2.713758LL+1.3CF	-0.3028	-0.5779	-0.4966	-0.0376	-0.1067	0.0000	0.0000	-0.5779
845	1	2.713758LL+1.3CF	0.1234	0.1684	0.2783	0.0783	-0.0315	0.0000	0.0000	0.2783
846	0	2.713758LL+1.3CF	-0.5517	-1.0528	-1.7801	-0.0507	0.6796	0.0000	0.0000	-1.7801
846	0	2.713758LL+1.3CF	1.2666	2.8431	3.5710	-0.3100	-1.0379	0.0000	0.0000	3.5710
846	1	2.713758LL+1.3CF	-0.5517	0.3449	0.5153	-1.4481	-1.6188	0.0000	0.0000	-1.6188
846	1	2.713758LL+1.3CF	1.2666	-0.4316	-1.3480	2.9649	3.6791	0.0000	0.0000	3.6791
848	0	2.713758LL+1.3CF	-1.1409	-0.9533	-0.7580	-1.5286	-1.5239	0.0000	0.0000	-1.6286
848	0	2.713758LL+1.3CF	0.4973	0.2171	0.3555	0.7778	0.6392	0.0000	0.0000	0.7778
848	1	2.713758LL+1.3CF	-1.1409	-1.5118	-1.9628	-0.7701	-0.8190	0.0000	0.0000	-1.9628
848	1	2.713758LL+1.3CF	0.4973	0.0544	0.7642	0.3403	0.2305	0.0000	0.0000	0.7642
849	0	2.713758LL+1.3CF	-1.1883	-2.3729	-2.2710	-0.0037	-0.1056	0.0000	0.0000	-2.3729
849	0	2.713758LL+1.3CF	2.7160	5.5468	4.8028	-0.1178	0.8282	0.0000	0.0000	5.5468
849	1	2.713758LL+1.3CF	-1.1883	-0.2918	0.4638	-2.0848	-2.8405	0.0000	0.0000	-2.8405
849	1	2.713758LL+1.3CF	2.7160	1.1285	-0.8282	4.3034	6.2581	0.0000	0.0000	6.2581
851	0	2.713758LL+1.3CF	-1.4915	-1.1833	-1.3690	-1.6167	-1.8140	0.0000	0.0000	-1.8167
851	0	2.713758LL+1.3CF	0.6654	0.4998	0.6125	0.8721	0.7583	0.0000	0.0000	0.8721
851	1	2.713758LL+1.3CF	-1.4915	-2.0373	-1.8488	-0.9457	-1.3362	0.0000	0.0000	-2.0373
851	1	2.713758LL+1.3CF	0.6654	0.6818	0.8495	0.4690	0.5212	0.0000	0.0000	0.8818
852	0	2.713758LL+1.3CF	-1.9336	-3.6629	-2.9094	-0.1822	-0.9357	0.0000	0.0000	-3.6629
852	0	2.713758LL+1.3CF	4.1314	7.5820	5.6292	0.6609	2.6336	0.0000	0.0000	7.5820
852	1	2.713758LL+1.3CF	-1.9336	-0.8363	-0.1963	-3.0288	-3.6668	0.0000	0.0000	-3.6668
852	1	2.713758LL+1.3CF	4.1314	2.3297	1.0679	5.8331	7.1950	0.0000	0.0000	7.1950
854	0	2.713758LL+1.3CF	-2.1427	-2.1369	-1.8289	-2.1465	-2.4555	0.0000	0.0000	-2.4555
854	0	2.713758LL+1.3CF	1.0180	0.9071	0.8784	1.1289	1.1577	0.0000	0.0000	1.1577
854	1	2.713758LL+1.3CF	-2.1427	-1.5779	-2.2674	-2.7075	-1.0180	0.0000	0.0000	-2.2674
854	1	2.713758LL+1.3CF	1.0180	0.6603	1.7107	1.3457	0.3254	0.0000	0.0000	1.7107

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
855	0	2.713?SLL+1.3CF	-2.6855	-4.1152	-3.4724	-1.2158	-1.8586	0.0000	0.0000	-4.1152
855	0	2.713?SLL+1.3CF	5.4666	8.0329	6.7708	2.9643	4.2784	0.0000	0.0000	8.0329
855	1	2.713?SLL+1.3CF	-2.6855	-1.3602	-1.9873	-3.9708	-3.3337	0.0000	0.0000	-3.8709
855	1	2.713?SLL+1.3CF	5.4666	3.0468	4.8378	7.9484	6.1596	0.0000	0.0000	7.9484
856	0	2.713?SLL+1.3CF	-0.8525	-1.1946	-1.3563	0.1648	0.0000	0.0000	0.0000	-1.3563
856	0	2.713?SLL+1.3CF	1.5893	1.2456	1.5218	2.0299	0.0000	0.0000	0.0000	2.0299
856	1	2.713?SLL+1.3CF	-0.8525	-0.4512	-0.4467	-1.8113	0.0000	0.0000	0.0000	-1.8113
856	1	2.713?SLL+1.3CF	1.5893	1.8294	1.6707	1.2370	0.0000	0.0000	0.0000	1.8294
857	0	2.713?SLL+1.3CF	-2.3300	-4.2034	-4.3584	1.9633	0.0000	0.0000	0.0000	-4.3584
857	0	2.713?SLL+1.3CF	0.4678	0.4545	0.5120	0.4678	0.0000	0.0000	0.0000	0.5120
857	1	2.713?SLL+1.3CF	-2.3300	-0.9558	-1.1004	-6.0773	0.0000	0.0000	0.0000	-6.0773
857	1	2.713?SLL+1.3CF	0.4678	0.4273	0.4218	0.6398	0.0000	0.0000	0.0000	0.6398
858	0	2.713?SLL+1.3CF	-0.1881	-0.0367	-0.0367	-0.2518	-0.2518	0.0000	0.0000	-0.2518
858	0	2.713?SLL+1.3CF	0.3460	0.1146	0.1146	0.4433	0.4433	0.0000	0.0000	0.4433
858	1	2.713?SLL+1.3CF	-0.1881	-0.1963	-0.1963	-0.1847	-0.1847	0.0000	0.0000	-0.1963
858	1	2.713?SLL+1.3CF	0.3460	0.7740	0.7740	0.1662	0.1662	0.0000	0.0000	0.7740
859	0	2.713?SLL+1.3CF	-2.0946	-1.4483	-1.4483	-2.3661	-2.3661	0.0000	0.0000	-2.3661
859	0	2.713?SLL+1.3CF	1.1547	1.3640	1.3640	1.0867	1.0867	0.0000	0.0000	1.3640
859	1	2.713?SLL+1.3CF	-2.0946	-2.1367	-2.1367	-2.0756	-2.0756	0.0000	0.0000	-2.1367
859	1	2.713?SLL+1.3CF	1.1547	0.7011	0.7011	1.3452	1.3452	0.0000	0.0000	1.3452
861	0	2.713?SLL+1.3CF	-2.5564	-2.3521	-2.6511	-2.7606	-2.4616	0.0000	0.0000	-2.7606
861	0	2.713?SLL+1.3CF	1.2771	1.4420	0.8683	1.1123	1.6660	0.0000	0.0000	1.6660
861	1	2.713?SLL+1.3CF	-2.5564	-2.7433	-2.7948	-2.3694	-2.3279	0.0000	0.0000	-2.7948
861	1	2.713?SLL+1.3CF	1.2771	1.3320	1.6039	1.2223	0.9504	0.0000	0.0000	1.6039
862	0	2.713?SLL+1.3CF	-5.4458	-5.5567	-5.1090	-3.4088	-1.8585	0.0000	0.0000	-5.1090
862	0	2.713?SLL+1.3CF	6.5302	6.0092	8.6484	7.0813	4.4121	0.0000	0.0000	8.6484
862	1	2.713?SLL+1.3CF	-5.4458	-3.0963	-1.5673	-3.8692	-5.4002	0.0000	0.0000	-5.4002
862	1	2.713?SLL+1.3CF	6.5302	6.7216	4.1045	6.3389	8.8980	0.0000	0.0000	8.8980
864	0	2.713?SLL+1.3CF	-2.8123	-2.7599	-2.7855	-2.8648	-2.8592	0.0000	0.0000	-2.8648
864	0	2.713?SLL+1.3CF	1.5873	1.3233	1.5851	1.7924	1.5186	0.0000	0.0000	1.7924
864	1	2.713?SLL+1.3CF	-2.8123	-2.8108	-3.2228	-2.8139	-2.4021	0.0000	0.0000	-3.2228
864	1	2.713?SLL+1.3CF	1.5873	1.6419	1.8555	1.4727	1.2591	0.0000	0.0000	1.8555
865	0	2.713?SLL+1.3CF	-4.1567	-6.1787	-4.6461	-2.1368	-3.6674	0.0000	0.0000	-6.1787
865	0	2.713?SLL+1.3CF	7.1556	8.9057	7.3213	4.4055	5.8699	0.0000	0.0000	8.9057

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
865	1	2.713?SLL+1.3CF	-4.1567	-4.1601	-1.4323	-4.1534	-6.8812	0.0000	0.0000	-6.8812
865	1	2.713?SLL+1.3CF	7.1556	7.6767	3.3643	6.4014	10.9469	0.0000	0.0000	10.9469
867	0	2.713?SLL+1.3CF	-2.9829	-2.7940	-3.1507	-3.1914	-2.8350	0.0000	0.0000	-3.1914
867	0	2.713?SLL+1.3CF	1.8180	1.6072	1.8236	2.0288	1.8121	0.0000	0.0000	2.0288
867	1	2.713?SLL+1.3CF	-2.9829	-3.2819	-3.1152	-2.6938	-2.6708	0.0000	0.0000	-3.2819
867	1	2.713?SLL+1.3CF	1.8180	1.9666	2.1056	1.6673	1.5303	0.0000	0.0000	2.1056
868	0	2.713?SLL+1.3CF	-4.8753	-7.4364	-4.7121	-2.2121	-5.0384	0.0000	0.0000	-7.4364
868	0	2.713?SLL+1.3CF	7.8664	11.1330	6.8946	4.6397	9.1762	0.0000	0.0000	11.1330
868	1	2.713?SLL+1.3CF	-4.8753	-4.3919	-2.7011	-5.3587	-7.0495	0.0000	0.0000	-7.0495
868	1	2.713?SLL+1.3CF	7.8664	8.2173	5.4449	7.5555	10.3278	0.0000	0.0000	10.3278
870	0	2.713?SLL+1.3CF	-3.3866	-3.5205	-3.3459	-3.2727	-3.4474	0.0000	0.0000	-3.5205
870	0	2.713?SLL+1.3CF	2.1777	2.0511	2.1819	2.3044	2.1938	0.0000	0.0000	2.3044
870	1	2.713?SLL+1.3CF	-3.3866	-3.6015	-4.4147	-4.1918	-2.3788	0.0000	0.0000	-4.4147
870	1	2.713?SLL+1.3CF	2.1777	1.8902	2.7960	2.4652	1.5575	0.0000	0.0000	2.7960
871	0	2.713?SLL+1.3CF	-5.5549	-7.4846	-5.6068	-3.6150	-5.3030	0.0000	0.0000	-7.4846
871	0	2.713?SLL+1.3CF	8.3667	10.4294	7.8600	5.3060	9.0774	0.0000	0.0000	10.4294
871	1	2.713?SLL+1.3CF	-5.5549	-3.4908	-5.4002	-7.6491	-5.7096	0.0000	0.0000	-7.6491
871	1	2.713?SLL+1.3CF	8.3667	8.0039	9.0311	10.7336	7.7063	0.0000	0.0000	10.7336
872	0	2.713?SLL+1.3CF	-0.6416	-1.1092	-1.2313	0.6092	0.0000	0.0000	0.0000	-1.2313
872	0	2.713?SLL+1.3CF	2.2020	1.8201	2.2765	2.3611	0.0000	0.0000	0.0000	2.3611
872	1	2.713?SLL+1.3CF	-0.6416	-0.1230	-0.0960	-1.9113	0.0000	0.0000	0.0000	-1.9113
872	1	2.713?SLL+1.3CF	2.2020	2.2942	2.1252	2.2158	0.0000	0.0000	0.0000	2.2942
873	0	2.713?SLL+1.3CF	-3.0952	-3.6988	-3.9885	-1.2733	0.0000	0.0000	0.0000	-3.9885
873	0	2.713?SLL+1.3CF	0.8357	0.7567	0.9153	0.2877	0.0000	0.0000	0.0000	0.9153
873	1	2.713?SLL+1.3CF	-3.0952	-2.3623	-2.5108	-4.6147	0.0000	0.0000	0.0000	-4.6147
873	1	2.713?SLL+1.3CF	0.8357	0.4128	0.8493	0.8397	0.0000	0.0000	0.0000	0.8397
874	0	2.713?SLL+1.3CF	-0.4498	-0.0266	-0.0266	-0.6274	-0.6274	0.0000	0.0000	-0.6274
874	0	2.713?SLL+1.3CF	0.7504	0.5135	0.5135	0.8499	0.8499	0.0000	0.0000	0.8499
874	1	2.713?SLL+1.3CF	-0.4498	-0.5574	-0.5574	-0.4045	-0.4045	0.0000	0.0000	-0.5574
874	1	2.713?SLL+1.3CF	0.7504	1.2804	1.2804	0.5277	0.5277	0.0000	0.0000	1.2804
875	0	2.713?SLL+1.3CF	-2.8856	-1.9376	-1.9376	-3.2417	-3.2417	0.0000	0.0000	-3.2417
875	0	2.713?SLL+1.3CF	1.7136	1.9222	1.9222	1.6260	1.6260	0.0000	0.0000	1.9222
875	1	2.713?SLL+1.3CF	-2.8856	-2.8741	-2.8741	-2.8483	-2.8483	0.0000	0.0000	-2.8741
875	1	2.713?SLL+1.3CF	1.7136	1.1122	1.1122	1.9663	1.9663	0.0000	0.0000	1.9663

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
877	0	2.7137SLL+1.3CF	-4.9015	-5.0470	-5.0284	-4.7559	-3.7745	0.0000	0.0000	-5.0284
877	0	2.7137SLL+1.3CF	3.2646	3.5860	3.4123	2.9432	3.1189	0.0000	0.0000	3.5860
877	1	2.7137SLL+1.3CF	-4.9015	-3.1267	-4.7890	-6.6762	-5.0336	0.0000	0.0000	-6.6762
877	1	2.7137SLL+1.3CF	3.2646	2.2866	3.4432	4.2264	3.0861	0.0000	0.0000	4.2264
878	0	2.7137SLL+1.3CF	-6.6070	-6.4954	-9.0336	-6.7186	-4.1804	0.0000	0.0000	-9.0336
878	0	2.7137SLL+1.3CF	9.3830	9.1927	11.7591	10.5733	7.0069	0.0000	0.0000	11.7591
878	1	2.7137SLL+1.3CF	-6.6070	-6.3207	-3.3863	-6.8933	-9.8277	0.0000	0.0000	-9.8277
878	1	2.7137SLL+1.3CF	9.3830	10.0006	6.5648	8.7154	12.2012	0.0000	0.0000	12.2012
880	0	2.7137SLL+1.3CF	-8.4827	-8.9023	-11.4961	-7.0830	-5.4692	0.0000	0.0000	-11.4961
880	0	2.7137SLL+1.3CF	6.0520	5.8267	7.0706	6.1752	5.0333	0.0000	0.0000	7.0706
880	1	2.7137SLL+1.3CF	-8.4827	-7.0902	-5.7654	-9.8751	-11.1999	0.0000	0.0000	-11.1999
880	1	2.7137SLL+1.3CF	6.0520	6.2411	8.4827	5.8628	5.8112	0.0000	0.0000	8.4827
881	0	2.7137SLL+1.3CF	-7.5936	-10.8039	-7.8988	-4.3832	-7.3199	0.0000	0.0000	-10.8039
881	0	2.7137SLL+1.3CF	9.8070	11.9181	8.4275	7.4960	11.1865	0.0000	0.0000	11.9181
881	1	2.7137SLL+1.3CF	-7.5936	-6.3108	-3.2529	-6.8762	-11.9342	0.0000	0.0000	-11.9342
881	1	2.7137SLL+1.3CF	9.8070	12.6821	6.6396	8.9520	12.9746	0.0000	0.0000	12.9746
883	0	2.7137SLL+1.3CF	-8.3712	-12.3574	-9.3684	-4.3850	-7.3739	0.0000	0.0000	-12.3574
883	0	2.7137SLL+1.3CF	7.0224	5.9580	6.3071	6.0868	7.8377	0.0000	0.0000	8.0868
883	1	2.7137SLL+1.3CF	-8.3712	-7.5873	-4.5101	-8.1551	-12.2323	0.0000	0.0000	-12.2323
883	1	2.7137SLL+1.3CF	7.0224	6.4129	8.6011	5.8319	5.4439	0.0000	0.0000	8.6011
884	0	2.7137SLL+1.3CF	-8.4705	-12.3332	-7.2748	-4.6079	-8.6662	0.0000	0.0000	-12.3332
884	0	2.7137SLL+1.3CF	9.8384	11.8386	5.9714	7.3372	13.3054	0.0000	0.0000	13.3054
884	1	2.7137SLL+1.3CF	-8.4705	-8.5227	-5.0068	-8.4183	-11.9310	0.0000	0.0000	-11.9310
884	1	2.7137SLL+1.3CF	9.8384	12.0824	7.8820	7.1944	11.3848	0.0000	0.0000	12.0824
886	0	2.7137SLL+1.3CF	-8.1479	-12.1990	-10.0442	-4.0866	-6.2315	0.0000	0.0000	-12.1990
886	0	2.7137SLL+1.3CF	8.0027	9.3400	8.5320	8.9654	9.4729	0.0000	0.0000	8.9654
886	1	2.7137SLL+1.3CF	-8.1479	-1.8115	-9.0278	-14.6841	-7.2679	0.0000	0.0000	-14.6841
886	1	2.7137SLL+1.3CF	8.0027	8.5762	11.2763	7.4292	4.7290	0.0000	0.0000	11.2763
887	0	2.7137SLL+1.3CF	-8.1824	-11.8466	-8.3372	-8.5363	-10.0477	0.0000	0.0000	-11.8466
887	0	2.7137SLL+1.3CF	8.4718	11.2758	7.0928	7.8681	11.8510	0.0000	0.0000	11.8510
887	1	2.7137SLL+1.3CF	-8.1824	-7.4634	-8.5253	-10.9215	-8.8596	0.0000	0.0000	-10.9215
887	1	2.7137SLL+1.3CF	8.4718	8.0617	9.8836	10.8619	9.0597	0.0000	0.0000	10.8619
888	0	2.7137SLL+1.3CF	-1.0127	-1.8884	-1.4782	0.5056	0.0000	0.0000	0.0000	-1.8884
888	0	2.7137SLL+1.3CF	2.1765	2.1198	1.4116	3.2869	0.0000	0.0000	0.0000	3.2869

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
888	1	2.7137SLL+1.3CF	-1.0127	-0.7988	-0.9184	-1.3667	0.0000	0.0000	0.0000	-1.3667
888	1	2.7137SLL+1.3CF	2.1765	2.0106	2.3982	2.0264	0.0000	0.0000	0.0000	2.3982
889	0	2.7137SLL+1.3CF	-1.9771	-1.5606	-1.6751	-2.8104	0.0000	0.0000	0.0000	-2.8104
889	0	2.7137SLL+1.3CF	0.9647	1.0813	1.4601	0.1543	0.0000	0.0000	0.0000	1.4601
889	1	2.7137SLL+1.3CF	-1.9771	-3.3080	-2.5960	0.1685	0.0000	0.0000	0.0000	-3.3080
889	1	2.7137SLL+1.3CF	0.9647	0.3679	0.0776	2.7960	0.0000	0.0000	0.0000	2.7960
890	0	2.7137SLL+1.3CF	-1.1407	0.1130	0.1130	-1.6674	-1.6674	0.0000	0.0000	-1.6674
890	0	2.7137SLL+1.3CF	1.1825	-0.1543	-0.1543	1.7441	1.7441	0.0000	0.0000	1.7441
890	1	2.7137SLL+1.3CF	-1.1407	-1.9813	-1.9813	-0.7960	-0.7960	0.0000	0.0000	-1.9813
890	1	2.7137SLL+1.3CF	1.1825	2.0032	2.0032	0.8377	0.8377	0.0000	0.0000	2.0032
891	0	2.7137SLL+1.3CF	-2.8063	-2.1393	-2.1393	-3.0866	-3.0866	0.0000	0.0000	-3.0866
891	0	2.7137SLL+1.3CF	1.2295	1.0841	1.0841	1.2906	1.2906	0.0000	0.0000	1.2906
891	1	2.7137SLL+1.3CF	-2.8063	-2.4829	-2.4829	-2.9360	-2.9360	0.0000	0.0000	-2.9360
891	1	2.7137SLL+1.3CF	1.2295	0.7367	0.7367	1.4357	1.4357	0.0000	0.0000	1.4357
893	0	2.7137SLL+1.3CF	-7.6058	-7.2277	-10.8828	-6.3636	0.2710	0.0000	0.0000	-10.8828
893	0	2.7137SLL+1.3CF	8.5407	9.3237	8.1089	11.7577	8.9744	0.0000	0.0000	11.7577
893	1	2.7137SLL+1.3CF	-7.6058	-5.2516	-2.9340	-10.2599	-12.9779	0.0000	0.0000	-12.9779
893	1	2.7137SLL+1.3CF	8.5407	10.6291	10.9385	6.4552	6.1429	0.0000	0.0000	10.9385
894	0	2.7137SLL+1.3CF	-10.1078	-8.4049	-11.3031	-10.8107	-8.9125	0.0000	0.0000	-11.3031
894	0	2.7137SLL+1.3CF	8.5599	7.3012	9.1228	9.8185	7.9670	0.0000	0.0000	9.8185
894	1	2.7137SLL+1.3CF	-10.1078	-11.4087	-8.5442	-8.8069	-13.6714	0.0000	0.0000	-13.6714
894	1	2.7137SLL+1.3CF	8.5599	11.1851	8.1479	5.8347	8.9718	0.0000	0.0000	11.1851
896	0	2.7137SLL+1.3CF	-8.3584	-11.3868	-10.4016	-1.3323	-2.3172	0.0000	0.0000	-11.3868
896	0	2.7137SLL+1.3CF	8.3791	7.2018	7.5073	11.5566	11.2509	0.0000	0.0000	11.5566
896	1	2.7137SLL+1.3CF	-8.3584	-9.9580	0.2145	-8.7808	-12.9333	0.0000	0.0000	-12.9333
896	1	2.7137SLL+1.3CF	8.3791	11.6706	11.7981	7.0879	6.9721	0.0000	0.0000	11.7981
897	0	2.7137SLL+1.3CF	-10.7734	-14.4501	-9.5705	-7.0868	-11.9782	0.0000	0.0000	-14.4501
897	0	2.7137SLL+1.3CF	7.4899	6.7181	3.7381	8.2618	11.2436	0.0000	0.0000	11.2436
897	1	2.7137SLL+1.3CF	-10.7734	-12.8302	-5.6701	-8.8116	-15.8787	0.0000	0.0000	-15.8787
897	1	2.7137SLL+1.3CF	7.4899	11.7850	7.4482	3.1947	7.5315	0.0000	0.0000	11.7850
899	0	2.7137SLL+1.3CF	-8.2429	-12.3430	-8.1848	1.8572	-2.3211	0.0000	0.0000	-12.3430
899	0	2.7137SLL+1.3CF	10.1688	8.2528	8.3681	12.0848	11.9715	0.0000	0.0000	12.0848
899	1	2.7137SLL+1.3CF	-8.2429	-1.9401	1.1041	-8.5457	-11.5899	0.0000	0.0000	-11.5899
899	1	2.7137SLL+1.3CF	10.1688	12.2316	12.2836	9.1081	8.0740	0.0000	0.0000	12.2836

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
900	0	2.7137SLL+1.3CF	-11.5466	-16.2231	-6.2569	-6.8701	-13.8364	0.0000	0.0000	-16.2231
900	0	2.7137SLL+1.3CF	6.1536	9.8627	1.5467	8.3146	10.7386	0.0000	0.0000	10.7386
900	1	2.7137SLL+1.3CF	-11.5466	-11.9139	-7.8448	-11.1794	-15.2494	0.0000	0.0000	-15.2494
900	1	2.7137SLL+1.3CF	6.1536	10.0359	7.1121	2.2713	5.1952	0.0000	0.0000	10.0359
902	0	2.7137SLL+1.3CF	-3.6154	-9.9049	-6.8854	2.6742	-0.3453	0.0000	0.0000	-9.9049
902	0	2.7137SLL+1.3CF	11.0683	8.8230	8.8673	12.3136	12.2793	0.0000	0.0000	12.3136
902	1	2.7137SLL+1.3CF	-3.6154	4.2834	-2.8325	-11.5141	-4.5963	0.0000	0.0000	-11.5141
902	1	2.7137SLL+1.3CF	11.0683	10.6774	14.0399	11.4582	8.0968	0.0000	0.0000	14.0399
903	0	2.7137SLL+1.3CF	-12.2465	-15.1554	-11.0883	-9.3378	-13.4037	0.0000	0.0000	-15.1554
903	0	2.7137SLL+1.3CF	5.0266	4.8577	1.8991	5.0859	8.1548	0.0000	0.0000	8.1548
903	1	2.7137SLL+1.3CF	-12.2465	-9.1886	-15.3524	-15.3045	-11.1407	0.0000	0.0000	-15.3045
903	1	2.7137SLL+1.3CF	5.0266	5.1438	5.8367	4.9098	4.1170	0.0000	0.0000	5.8367
904	0	2.7137SLL+1.3CF	-1.6929	-3.2362	-2.4917	0.9561	0.0000	0.0000	0.0000	-3.2362
904	0	2.7137SLL+1.3CF	1.7656	1.3444	0.8368	3.4688	3.0000	0.0000	0.0000	3.4688
904	1	2.7137SLL+1.3CF	-1.6929	-1.0516	-1.1857	-3.0342	0.0000	0.0000	0.0000	-3.0342
904	1	2.7137SLL+1.3CF	1.7656	1.8883	2.0099	1.4655	0.0000	0.0000	0.0000	2.0099
905	0	2.7137SLL+1.3CF	-1.8031	-0.8779	-0.9516	-3.2270	0.0000	0.0000	0.0000	-3.2270
905	0	2.7137SLL+1.3CF	1.8062	1.3893	1.8308	1.9138	0.0000	0.0000	0.0000	1.8305
905	1	2.7137SLL+1.3CF	-1.8031	-3.4515	-2.8761	2.0025	0.0000	0.0000	0.0000	-3.4515
905	1	2.7137SLL+1.3CF	1.8062	1.4603	0.9780	2.8190	0.0000	0.0000	0.0000	2.8190
906	0	2.7137SLL+1.3CF	-1.3466	0.5436	0.5436	-2.1442	-2.1442	0.0000	0.0000	-3.1442
906	0	2.7137SLL+1.3CF	0.7423	-0.0206	-0.0206	1.0628	1.0628	0.0000	0.0000	1.0628
906	1	2.7137SLL+1.3CF	-1.3466	-2.8103	-2.8103	-0.7348	-0.7348	0.0000	0.0000	-2.8103
906	1	2.7137SLL+1.3CF	0.7423	1.1132	1.1132	0.5684	0.5684	0.0000	0.0000	1.1132
907	0	2.7137SLL+1.3CF	-2.2396	-1.9307	-1.9307	-2.3552	-2.3552	0.0000	0.0000	-2.3552
907	0	2.7137SLL+1.3CF	2.1207	2.1500	2.1500	2.1089	2.1089	0.0000	0.0000	2.1500
907	1	2.7137SLL+1.3CF	-2.2396	-1.9502	-1.9502	-2.3470	-2.3470	0.0000	0.0000	-2.3470
907	1	2.7137SLL+1.3CF	2.1207	1.4548	1.4548	2.4005	2.4005	0.0000	0.0000	2.4005
909	0	2.7137SLL+1.3CF	-2.7766	-2.3805	-10.8740	-3.1727	5.4208	0.0000	0.0000	-10.8740
909	0	2.7137SLL+1.3CF	11.8012	8.2044	14.1148	14.3980	9.4878	0.0000	0.0000	14.3980
909	1	2.7137SLL+1.3CF	-2.7766	-1.0903	2.9814	-4.4630	-6.5348	0.0000	0.0000	-6.5348
909	1	2.7137SLL+1.3CF	11.8012	12.2970	11.4887	11.3054	12.1137	0.0000	0.0000	12.2970
910	0	2.7137SLL+1.3CF	-13.0402	-11.1860	-14.5913	-14.8145	-11.3182	0.0000	0.0000	-14.8145
910	0	2.7137SLL+1.3CF	3.0498	1.8817	2.2002	4.2079	3.6903	0.0000	0.0000	4.2079

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
910	1	2.7137SLL+1.3CF	-13.0402	-15.6210	-10.2021	-12.4595	-15.8794	0.0000	0.0000	-15.8794
910	1	2.7137SLL+1.3CF	3.0498	5.4677	5.1870	0.6318	0.9128	0.0000	0.0000	5.4677
912	0	2.7137SLL+1.3CF	-0.8620	-2.0414	-1.9725	0.3174	0.2489	0.0000	0.0000	-2.0414
912	0	2.7137SLL+1.3CF	8.4625	9.8178	9.4071	7.1571	7.5178	0.0000	0.0000	9.8178
912	1	2.7137SLL+1.3CF	-0.8620	0.1681	0.2473	-1.8620	-1.8712	0.0000	0.0000	-1.8712
912	1	2.7137SLL+1.3CF	8.4625	8.0143	8.2638	8.3109	8.8812	0.0000	0.0000	8.8812
913	0	2.7137SLL+1.3CF	-13.1185	-15.9902	-10.5625	-10.2467	-15.8744	0.0000	0.0000	-15.9902
913	0	2.7137SLL+1.3CF	1.5846	-0.3283	-0.4320	3.4674	3.6011	0.0000	0.0000	3.6011
913	1	2.7137SLL+1.3CF	-13.1185	-16.0147	-7.7194	-10.2222	-16.5179	0.0000	0.0000	-16.5179
913	1	2.7137SLL+1.3CF	1.5846	3.7758	3.3686	-0.6064	-0.2198	0.0000	0.0000	3.7758
915	0	2.7137SLL+1.3CF	-1.0860	-1.1507	-1.0451	-1.0252	-1.1328	0.0000	0.0000	-1.1507
915	0	2.7137SLL+1.3CF	9.0699	8.3875	9.0342	8.7523	9.1068	0.0000	0.0000	9.3875
915	1	2.7137SLL+1.3CF	-1.0860	-1.2190	-1.1394	-0.9569	-1.0365	0.0000	0.0000	-1.2190
915	1	2.7137SLL+1.3CF	9.0699	8.8091	9.5937	8.3306	8.5460	0.0000	0.0000	8.8091
916	0	2.7137SLL+1.3CF	-13.7476	-16.8641	-10.5661	-8.6310	-16.8291	0.0000	0.0000	-16.8641
916	0	2.7137SLL+1.3CF	1.8471	2.1425	1.3796	1.1517	1.9157	0.0000	0.0000	2.1425
916	1	2.7137SLL+1.3CF	-13.7476	-15.1459	-10.2204	-12.3494	-17.2746	0.0000	0.0000	-17.2746
916	1	2.7137SLL+1.3CF	1.8471	1.6746	1.3482	1.8196	1.9460	0.0000	0.0000	1.9460
918	0	2.7137SLL+1.3CF	-1.1834	-1.3508	-1.2713	-1.0159	-1.0654	0.0000	0.0000	-1.3508
918	0	2.7137SLL+1.3CF	10.0316	11.8599	11.7444	9.1033	8.3188	0.0000	0.0000	11.8599
918	1	2.7137SLL+1.3CF	-1.1834	-0.9017	-1.2813	-1.4651	-1.0655	0.0000	0.0000	-1.4651
918	1	2.7137SLL+1.3CF	10.0316	9.9186	9.5665	13.1488	10.4787	0.0000	0.0000	13.1488
919	0	2.7137SLL+1.3CF	-14.2377	-17.4119	-12.4899	-11.0635	-15.9668	0.0000	0.0000	-17.4119
919	0	2.7137SLL+1.3CF	1.7012	1.9431	1.8189	1.4594	1.7636	0.0000	0.0000	1.9431
919	1	2.7137SLL+1.3CF	-14.2377	-16.5851	-15.6216	-17.8903	-12.8536	0.0000	0.0000	-17.8903
919	1	2.7137SLL+1.3CF	1.7012	1.1261	2.0252	2.2764	1.3773	0.0000	0.0000	2.2764
920	0	2.7137SLL+1.3CF	-3.9442	-6.3167	-4.5566	-0.7238	0.0000	0.0000	0.0000	-6.3167
920	0	2.7137SLL+1.3CF	0.5121	0.6737	0.6150	0.0000	0.0000	0.0000	0.0000	0.6737
920	1	2.7137SLL+1.3CF	-3.9442	-1.2860	-2.6221	-6.4174	0.0000	0.0000	0.0000	-6.4174
920	1	2.7137SLL+1.3CF	-0.5121	0.1625	0.3261	1.0898	0.0000	0.0000	0.0000	1.0898
921	0	2.7137SLL+1.3CF	-1.0417	-0.0876	-1.0156	-2.0316	0.0000	0.0000	0.0000	-2.0316
921	0	2.7137SLL+1.3CF	0.7481	-1.4286	-1.8228	6.4734	0.0000	0.0000	0.0000	6.4734
921	1	2.7137SLL+1.3CF	-1.0417	-2.2486	-1.1518	0.3184	0.0000	0.0000	0.0000	-2.2486
921	1	2.7137SLL+1.3CF	0.7481	3.9007	3.6053	-6.4172	0.0000	0.0000	0.0000	-6.4172

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
922	0	2.7137SLL+1.3CF	-0.6861	1.4441	1.4441	-1.5810	-1.5810	0.0000	0.0000	-1.5810
922	0	2.7137SLL+1.3CF	0.1511	0.7194	0.7194	-0.0877	-0.0877	0.0000	0.0000	0.7194
922	1	2.7137SLL+1.3CF	-0.6861	-2.5054	-2.5054	0.0763	0.0763	0.0000	0.0000	-2.5054
922	1	2.7137SLL+1.3CF	0.1511	-0.3063	-0.3063	0.3440	0.3440	0.0000	0.0000	0.3440
923	0	2.7137SLL+1.3CF	-0.7118	-1.0451	-1.0451	-0.5718	-0.5718	0.0000	0.0000	-1.0451
923	0	2.7137SLL+1.3CF	1.4094	1.2501	1.2501	1.4763	1.4763	0.0000	0.0000	1.4763
923	1	2.7137SLL+1.3CF	-0.7118	-0.4795	-0.4795	-0.8094	-0.8094	0.0000	0.0000	-0.8094
923	1	2.7137SLL+1.3CF	1.4094	1.6456	1.6456	1.3102	1.3102	0.0000	0.0000	1.6456
925	0	2.7137SLL+1.3CF	-1.1447	-1.2484	-1.7470	-1.0400	-0.5424	0.0000	0.0000	-1.7470
925	0	2.7137SLL+1.3CF	9.4640	11.8104	16.2572	7.3176	2.9708	0.0000	0.0000	16.2572
925	1	2.7137SLL+1.3CF	-1.1447	-0.5359	-0.7791	-1.4035	-1.5103	0.0000	0.0000	-1.5103
925	1	2.7137SLL+1.3CF	9.4640	4.6332	4.3827	14.2048	14.3653	0.0000	0.0000	14.3653
926	0	2.7137SLL+1.3CF	-12.9652	-8.4877	-11.5805	-17.2326	-14.1648	0.0000	0.0000	-17.2326
926	0	2.7137SLL+1.3CF	1.8107	1.0093	1.7498	2.2121	1.4719	0.0000	0.0000	2.2121
926	1	2.7137SLL+1.3CF	-12.9652	-16.4584	-14.9548	-7.2710	-11.0656	0.0000	0.0000	-16.4584
926	1	2.7137SLL+1.3CF	1.8107	2.0422	1.7411	1.1783	1.4804	0.0000	0.0000	2.0422
928	0	2.7137SLL+1.3CF	-0.9521	-1.5889	-1.5124	-0.3344	-0.3919	0.0000	0.0000	-1.5889
928	0	2.7137SLL+1.3CF	7.1000	14.4663	14.3950	-0.2663	-0.1650	0.0000	0.0000	14.4663
928	1	2.7137SLL+1.3CF	-0.9521	-0.4736	-0.3756	-1.4307	-1.5285	0.0000	0.0000	-1.5285
928	1	2.7137SLL+1.3CF	7.1000	0.2590	-0.2653	13.9410	14.4653	0.0000	0.0000	14.4653
929	0	2.7137SLL+1.3CF	-10.4610	-7.3223	-9.5072	-13.5996	-11.4147	0.0000	0.0000	-17.4147
929	0	2.7137SLL+1.3CF	1.4172	1.1539	0.8518	1.8604	1.9824	0.0000	0.0000	1.9824
929	1	2.7137SLL+1.3CF	-10.4610	-17.9545	-12.7774	-2.9674	-8.1445	0.0000	0.0000	-17.9545
929	1	2.7137SLL+1.3CF	1.4172	2.1196	1.4828	0.7147	1.3416	0.0000	0.0000	2.1196
931	0	2.7137SLL+1.3CF	-0.8102	-1.2128	-1.1430	-0.4278	-0.4774	0.0000	0.0000	-1.2128
931	0	2.7137SLL+1.3CF	5.4678	13.1046	12.8056	-2.1880	-1.8889	0.0000	0.0000	13.1046
931	1	2.7137SLL+1.3CF	-0.8102	-0.5195	-0.4877	-1.1010	-1.1328	0.0000	0.0000	-1.1328
931	1	2.7137SLL+1.3CF	5.4678	-1.8802	-2.0790	12.8158	13.0146	0.0000	0.0000	13.0146
932	0	2.7137SLL+1.3CF	-7.9238	-6.0568	-6.8130	-8.7908	-15.0341	0.0000	0.0000	-15.0341
932	0	2.7137SLL+1.3CF	0.9702	2.1782	1.1482	-0.2377	0.7913	0.0000	0.0000	2.1782
932	1	2.7137SLL+1.3CF	-7.9238	-13.2380	-10.8130	-2.9285	-5.2345	0.0000	0.0000	-13.2380
932	1	2.7137SLL+1.3CF	0.9702	0.5720	0.2118	1.3685	1.7290	0.0000	0.0000	1.7290
934	0	2.7137SLL+1.3CF	-1.3380	0.0067	0.4146	-2.6828	-3.0606	0.0000	0.0000	-3.0606
934	0	2.7137SLL+1.3CF	5.6029	9.7181	9.3617	1.4677	1.8441	0.0000	0.0000	9.7181

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
934	1	2.7137SLL+1.3CF	-1.3380	-2.7677	-3.0008	0.0917	0.3748	0.0000	0.0000	-3.0008
934	1	2.7137SLL+1.3CF	5.6029	1.8551	1.0462	9.3507	10.1596	0.0000	0.0000	10.1596
935	0	2.7137SLL+1.3CF	-6.1370	-5.0652	-2.5062	-7.2089	-9.7679	0.0000	0.0000	-9.7679
935	0	2.7137SLL+1.3CF	1.4484	2.7103	2.5700	0.1825	0.3229	0.0000	0.0000	2.7103
935	1	2.7137SLL+1.3CF	-6.1370	-6.8815	-6.8181	-5.6128	-3.4579	0.0000	0.0000	-6.8181
935	1	2.7137SLL+1.3CF	1.4484	0.3470	1.2235	2.5458	1.6889	0.0000	0.0000	2.5458
936	0	2.7137SLL+1.3CF	-1.4145	-2.7396	-2.1158	0.8786	0.0000	0.0000	0.0000	-2.7396
936	1	2.7137SLL+1.3CF	-1.4145	1.0172	0.8452	-6.9652	0.0000	0.0000	0.0000	-6.9652
936	1	2.7137SLL+1.3CF	1.5610	1.2595	1.3522	1.8747	0.0000	0.0000	0.0000	1.8747
937	0	2.7137SLL+1.3CF	-1.3799	-2.1304	-2.1834	0.4828	0.0000	0.0000	0.0000	-2.1834
937	0	2.7137SLL+1.3CF	1.1648	-0.7028	-0.2114	4.8696	0.0000	0.0000	0.0000	4.8696
937	1	2.7137SLL+1.3CF	-1.3799	-0.2482	0.3135	-4.8457	0.0000	0.0000	0.0000	-4.8457
937	1	2.7137SLL+1.3CF	1.1648	3.8051	3.0024	-3.9443	0.0000	0.0000	0.0000	-3.9443
938	0	2.7137SLL+1.3CF	-0.5552	-0.1537	-0.1537	-0.7240	-0.7240	0.0000	0.0000	-0.7240
938	0	2.7137SLL+1.3CF	0.5478	-0.0215	-0.0215	0.7670	0.7670	0.0000	0.0000	0.7670
938	1	2.7137SLL+1.3CF	-0.5552	-0.7111	-0.7111	-0.4898	-0.4898	0.0000	0.0000	-0.7111
938	1	2.7137SLL+1.3CF	0.5478	0.7478	0.7478	0.4638	0.4638	0.0000	0.0000	0.7478
939	0	2.7137SLL+1.3CF	-2.0255	-1.8431	-1.8431	-2.1021	-2.1021	0.0000	0.0000	-2.1021
939	0	2.7137SLL+1.3CF	1.2638	1.1191	1.1191	1.3246	1.3246	0.0000	0.0000	1.3246
939	1	2.7137SLL+1.3CF	-2.0255	-1.7163	-1.7163	-2.1553	-2.1553	0.0000	0.0000	-2.1553
939	1	2.7137SLL+1.3CF	1.2638	0.8144	0.8144	1.4526	1.4526	0.0000	0.0000	1.4526
941	0	2.7137SLL+1.3CF	-2.0596	3.3187	-3.2087	-7.4363	-1.9098	0.0000	0.0000	-7.4363
941	0	2.7137SLL+1.3CF	4.2296	9.6599	8.7974	2.7572	-0.3403	0.0000	0.0000	9.7974
941	1	2.7137SLL+1.3CF	-2.0596	-5.9469	-3.5366	1.8274	-0.5829	0.0000	0.0000	-5.9469
941	1	2.7137SLL+1.3CF	4.2296	1.2774	1.1031	7.1797	7.3040	0.0000	0.0000	7.3040
942	0	2.7137SLL+1.3CF	-4.3223	-2.4057	-3.7958	-6.1869	-4.8486	0.0000	0.0000	-6.1869
942	0	2.7137SLL+1.3CF	2.6609	2.9623	3.5218	2.3596	1.8000	0.0000	0.0000	3.5218
942	1	2.7137SLL+1.3CF	-4.3223	-6.4173	-6.0147	-2.2273	-2.6296	0.0000	0.0000	-6.4173
942	1	2.7137SLL+1.3CF	2.6609	1.9753	0.6520	3.3456	4.6699	0.0000	0.0000	4.6699
944	0	2.7137SLL+1.3CF	-3.4368	0.0662	0.6646	-7.4729	-7.5383	0.0000	0.0000	-7.5383
944	0	2.7137SLL+1.3CF	3.4655	3.3118	3.3306	3.6592	3.6404	0.0000	0.0000	3.6592
944	1	2.7137SLL+1.3CF	-3.4368	-7.5551	-7.2309	0.4614	0.3072	0.0000	0.0000	-7.5551
944	1	2.7137SLL+1.3CF	3.4655	3.7605	3.6457	3.2106	3.1253	0.0000	0.0000	3.6457

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
945	0	2.7137SLL+1.3CF	-3.8888	-4.0975	-2.7675	-3.6418	-4.9722	0.0000	0.0000	-4.9722
945	0	2.7137SLL+1.3CF	3.7993	7.2031	5.8261	0.3954	1.8724	0.0000	0.0000	7.2031
945	1	2.7137SLL+1.3CF	-3.8888	-5.2067	-3.6835	-2.5359	-4.6762	0.0000	0.0000	-5.2067
945	1	2.7137SLL+1.3CF	3.7993	2.3264	0.2114	5.2721	7.3672	0.0000	0.0000	7.3672
947	0	2.7137SLL+1.3CF	-5.6581	-2.6652	-0.6363	-8.6311	-10.6809	0.0000	0.0000	-10.6809
947	0	2.7137SLL+1.3CF	3.2641	2.8654	2.9530	3.6628	3.5752	0.0000	0.0000	3.6628
947	1	2.7137SLL+1.3CF	-5.6581	-9.0634	-9.6794	-3.2529	-1.8379	0.0000	0.0000	-9.6794
947	1	2.7137SLL+1.3CF	3.2641	3.5870	4.0771	2.8412	2.4511	0.0000	0.0000	4.0771
948	0	2.7137SLL+1.3CF	-3.6360	-4.2760	-2.0331	-3.0001	-5.2430	0.0000	0.0000	-5.2430
948	0	2.7137SLL+1.3CF	5.4317	9.6842	8.9930	1.1793	3.6705	0.0000	0.0000	9.6842
948	1	2.7137SLL+1.3CF	-3.6360	-4.8794	-3.4000	-2.3967	-3.8761	0.0000	0.0000	-4.8794
948	1	2.7137SLL+1.3CF	5.4317	3.8951	2.3435	8.9654	8.5200	0.0000	0.0000	8.5200
950	0	2.7137SLL+1.3CF	-3.9575	-2.3437	-2.8365	-5.5713	-4.8786	0.0000	0.0000	-5.5713
950	0	2.7137SLL+1.3CF	1.8357	1.2774	1.7698	2.3640	1.9017	0.0000	0.0000	2.3640
950	1	2.7137SLL+1.3CF	-3.9575	-3.4796	-6.3555	-4.4052	-1.5596	0.0000	0.0000	-6.3555
950	1	2.7137SLL+1.3CF	1.8357	1.8265	2.2416	1.8449	1.4298	0.0000	0.0000	2.2416
951	0	2.7137SLL+1.3CF	-3.2533	-3.3671	-1.9468	-3.1395	-4.5569	0.0000	0.0000	-4.5569
951	0	2.7137SLL+1.3CF	6.8997	6.6959	7.4339	6.1035	6.3656	0.0000	0.0000	9.6959
951	1	2.7137SLL+1.3CF	-3.2533	-3.1415	-4.0579	-3.3651	-2.4490	0.0000	0.0000	-4.0579
951	1	2.7137SLL+1.3CF	6.8997	4.5976	5.1495	9.2015	7.9499	0.0000	0.0000	9.2015
952	0	2.7137SLL+1.3CF	-1.0118	-1.2856	-1.5255	-0.0389	0.0000	0.0000	0.0000	-1.5255
952	0	2.7137SLL+1.3CF	2.2621	1.4858	1.8724	3.5767	0.0000	0.0000	0.0000	3.5767
952	1	2.7137SLL+1.3CF	-1.0118	-0.5903	-0.5044	-2.1378	0.0000	0.0000	0.0000	-2.1378
952	1	2.7137SLL+1.3CF	2.2621	2.8794	2.7153	1.0228	0.0000	0.0000	0.0000	2.8794
953	0	2.7137SLL+1.3CF	-3.0741	-5.9541	-6.1461	4.0488	0.0000	0.0000	0.0000	-6.1461
953	0	2.7137SLL+1.3CF	0.8071	0.7015	0.8057	0.9144	0.0000	0.0000	0.0000	0.9144
953	1	2.7137SLL+1.3CF	-3.0741	-0.2818	-0.3798	-8.5857	0.0000	0.0000	0.0000	-8.5857
953	1	2.7137SLL+1.3CF	0.8071	0.8798	0.7951	0.7509	0.0000	0.0000	0.0000	0.8798
954	0	2.7137SLL+1.3CF	-0.3428	-0.0563	-0.0563	-0.3207	-0.3207	0.0000	0.0000	-0.3207
954	0	2.7137SLL+1.3CF	0.8008	1.0204	1.0204	0.4245	0.4245	0.0000	0.0000	1.0204
954	1	2.7137SLL+1.3CF	-0.3428	-0.2782	-0.2782	-0.2275	-0.2275	0.0000	0.0000	-0.2782
954	1	2.7137SLL+1.3CF	0.8008	0.8824	0.8824	0.8186	0.8186	0.0000	0.0000	0.8186
955	0	2.7137SLL+1.3CF	-2.8265	-2.2560	-2.2560	-3.2062	-3.2062	0.0000	0.0000	-3.2062
955	0	2.7137SLL+1.3CF	1.1808	1.1706	1.1706	1.1991	1.1991	0.0000	0.0000	1.1991

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
955	1	2.7137SLL+1.3CF	-2.8265	-2.8237	-2.8237	-2.9997	-2.9997	0.0000	0.0000	-2.9997
955	1	2.7137SLL+1.3CF	1.1808	0.6861	0.6861	1.4028	1.4028	0.0000	0.0000	1.4028
957	0	2.7137SLL+1.3CF	-3.2806	-2.9461	-3.1471	-3.6130	-3.4140	0.0000	0.0000	-3.6130
957	0	2.7137SLL+1.3CF	1.2817	1.3082	1.3338	1.2543	1.2298	0.0000	0.0000	1.3338
957	1	2.7137SLL+1.3CF	-3.2806	-3.6378	-3.7071	-2.9233	-2.8540	0.0000	0.0000	-3.7071
957	1	2.7137SLL+1.3CF	1.2817	1.2282	1.3758	1.3303	1.1877	0.0000	0.0000	1.3758
958	0	2.7137SLL+1.3CF	-2.9906	-2.0330	-3.2799	-3.9682	-2.6213	0.0000	0.0000	-3.9682
958	0	2.7137SLL+1.3CF	8.2176	7.8080	11.0095	6.4668	5.3761	0.0000	0.0000	11.0095
958	1	2.7137SLL+1.3CF	-2.9906	-3.5858	-2.7358	-2.3355	-3.1654	0.0000	0.0000	-3.5858
958	1	2.7137SLL+1.3CF	8.2176	8.1132	4.4687	8.3224	11.8858	0.0000	0.0000	11.8858
960	0	2.7137SLL+1.3CF	-3.6822	-3.5553	-3.6074	-3.8091	-3.7569	0.0000	0.0000	-3.8091
960	0	2.7137SLL+1.3CF	1.1839	1.2090	1.3067	1.1798	1.0811	0.0000	0.0000	1.3067
960	1	2.7137SLL+1.3CF	-3.6822	-3.7157	-4.3007	-3.6466	-3.0637	0.0000	0.0000	-4.3007
960	1	2.7137SLL+1.3CF	1.1839	1.1403	1.2601	1.2478	1.1277	0.0000	0.0000	1.2601
961	0	2.7137SLL+1.3CF	-2.8408	-3.0546	-2.2089	-2.6271	-3.4731	0.0000	0.0000	-3.4731
961	0	2.7137SLL+1.3CF	9.4400	13.6833	10.0250	5.1867	8.8550	0.0000	0.0000	13.6833
961	1	2.7137SLL+1.3CF	-2.8408	-3.7327	-2.2183	-1.9468	-3.4633	0.0000	0.0000	-3.7327
961	1	2.7137SLL+1.3CF	9.4400	10.0253	3.8012	8.6847	15.0288	0.0000	0.0000	15.0288
963	0	2.7137SLL+1.3CF	-4.1870	-3.7920	-4.3427	-4.5819	-4.0313	0.0000	0.0000	-4.5819
963	0	2.7137SLL+1.3CF	1.1535	1.1433	1.2835	1.1837	1.0435	0.0000	0.0000	1.2835
963	1	2.7137SLL+1.3CF	-4.1870	-4.5648	-4.5513	-3.8083	-3.8228	0.0000	0.0000	-4.5648
963	1	2.7137SLL+1.3CF	1.1535	1.1295	1.2070	1.1775	1.1000	0.0000	0.0000	1.2070
964	0	2.7137SLL+1.3CF	-2.7390	-3.2621	-1.7533	-2.2160	-3.7248	0.0000	0.0000	-3.7248
964	0	2.7137SLL+1.3CF	10.7382	15.8126	9.6253	5.6837	11.8510	0.0000	0.0000	15.8126
964	1	2.7137SLL+1.3CF	-2.7390	-3.2945	-2.4699	-2.1833	-2.9882	0.0000	0.0000	-3.2945
964	1	2.7137SLL+1.3CF	10.7382	10.3134	6.9099	11.1629	14.8864	0.0000	0.0000	14.8864
966	0	2.7137SLL+1.3CF	-4.7804	-4.6822	-4.6611	-4.8795	-4.8896	0.0000	0.0000	-4.8896
966	0	2.7137SLL+1.3CF	1.1136	1.1282	1.2065	1.0993	1.0208	0.0000	0.0000	1.2065
966	1	2.7137SLL+1.3CF	-4.7804	-5.8309	-6.4602	-5.7266	-5.1005	0.0000	0.0000	-6.4602
966	1	2.7137SLL+1.3CF	1.1136	1.0191	1.2254	1.2082	1.0019	0.0000	0.0000	1.2254
967	0	2.7137SLL+1.3CF	-2.8411	-2.8502	-2.0493	-2.4320	-3.2358	0.0000	0.0000	-3.2358
967	0	2.7137SLL+1.3CF	12.0069	15.7405	12.0078	8.3734	12.1063	0.0000	0.0000	15.7405
967	1	2.7137SLL+1.3CF	-2.8411	-2.1196	-3.3450	-3.1625	-1.8371	0.0000	0.0000	-3.3450
967	1	2.7137SLL+1.3CF	12.0069	8.2125	12.5812	15.9014	11.8527	0.0000	0.0000	15.9014

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
968	0	2.7137SLL+1.3CF	-0.7902	-1.5064	-1.8273	1.3913	0.0000	0.0000	0.0000	-1.8273
968	0	2.7137SLL+1.3CF	2.3980	1.6613	2.0539	3.6096	0.0000	0.0000	0.0000	3.6096
968	1	2.7137SLL+1.3CF	-0.7902	0.2446	0.1590	-3.1013	0.0000	0.0000	0.0000	-3.1013
968	1	2.7137SLL+1.3CF	2.3980	3.0395	2.7605	1.2561	0.0000	0.0000	0.0000	3.0395
969	0	2.7137SLL+1.3CF	-3.8878	-6.3960	-6.5806	3.3379	0.0000	0.0000	0.0000	-6.5806
969	0	2.7137SLL+1.3CF	0.4960	0.2413	0.3167	0.9640	0.0000	0.0000	0.0000	0.9640
969	1	2.7137SLL+1.3CF	-3.8878	-1.2746	-1.7247	-6.4860	0.0000	0.0000	0.0000	-6.4860
969	1	2.7137SLL+1.3CF	0.4960	0.9079	0.8436	0.1668	0.0000	0.0000	0.0000	0.8436
970	0	2.7137SLL+1.3CF	-0.1604	-0.0377	-0.0377	-0.2404	-0.2404	0.0000	0.0000	-0.2404
970	0	2.7137SLL+1.3CF	0.7988	0.1515	0.1515	1.0676	1.0676	0.0000	0.0000	1.0676
970	1	2.7137SLL+1.3CF	-0.1604	-0.1813	-0.1813	-0.1601	-0.1601	0.0000	0.0000	-0.1813
970	1	2.7137SLL+1.3CF	0.7988	1.0655	1.0655	0.8837	0.8837	0.0000	0.0000	1.0655
971	0	2.7137SLL+1.3CF	-3.3398	-2.5481	-2.5481	-3.8722	-3.8722	0.0000	0.0000	-3.8722
971	0	2.7137SLL+1.3CF	0.9042	1.4068	1.4068	0.7357	0.7357	0.0000	0.0000	1.4068
971	1	2.7137SLL+1.3CF	-3.3398	-3.2698	-3.2698	-3.3690	-3.3690	0.0000	0.0000	-3.3690
971	1	2.7137SLL+1.3CF	0.9042	0.2593	0.2593	1.2179	1.2179	0.0000	0.0000	1.2179
973	0	2.7137SLL+1.3CF	-5.1746	-4.9001	-5.4851	-5.4491	-4.8640	0.0000	0.0000	-5.4851
973	0	2.7137SLL+1.3CF	1.0698	1.0223	1.2298	1.1174	0.9099	0.0000	0.0000	1.2298
973	1	2.7137SLL+1.3CF	-5.1746	-5.2857	-5.8466	-5.0834	-4.7025	0.0000	0.0000	-5.8466
973	1	2.7137SLL+1.3CF	1.0698	1.0394	1.1038	1.1003	1.0359	0.0000	0.0000	1.1038
974	0	2.7137SLL+1.3CF	-2.5070	-1.6797	-2.8079	-3.3343	-2.1081	0.0000	0.0000	-3.3343
974	0	2.7137SLL+1.3CF	13.1812	11.1225	16.7843	15.2398	9.5781	0.0000	0.0000	16.7843
974	1	2.7137SLL+1.3CF	-2.5070	-3.0082	-2.3747	-2.0078	-2.6383	0.0000	0.0000	-3.0082
974	1	2.7137SLL+1.3CF	13.1812	14.5717	9.3250	11.7907	17.0374	0.0000	0.0000	17.0374
976	0	2.7137SLL+1.3CF	-5.3745	-5.2783	-5.8186	-5.4708	-5.1308	0.0000	0.0000	-5.8186
976	0	2.7137SLL+1.3CF	1.0012	1.0002	1.0829	0.9722	0.9099	0.0000	0.0000	1.0829
976	1	2.7137SLL+1.3CF	-5.3745	-5.2007	-6.0413	-5.5464	-4.7078	0.0000	0.0000	-6.0413
976	1	2.7137SLL+1.3CF	1.0012	0.9514	1.0443	1.0510	0.9582	0.0000	0.0000	1.0510
977	0	2.7137SLL+1.3CF	-2.3614	-2.4263	-1.7924	-2.3364	-2.9803	0.0000	0.0000	-2.9803
977	0	2.7137SLL+1.3CF	13.7936	17.3438	12.0855	10.2433	15.4915	0.0000	0.0000	17.3438
977	1	2.7137SLL+1.3CF	-2.3614	-3.2346	-1.9402	-1.5283	-2.8225	0.0000	0.0000	-3.2346
977	1	2.7137SLL+1.3CF	13.7936	17.2744	7.7758	10.3128	19.8101	0.0000	0.0000	19.8101
979	0	2.7137SLL+1.3CF	-5.8487	-5.2582	-6.0637	-6.0412	-5.2337	0.0000	0.0000	-6.0637
979	0	2.7137SLL+1.3CF	0.9485	0.9549	1.0478	0.9422	0.8493	0.0000	0.0000	1.0478

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
979	1	2.7137SLL+1.3CF	-5.8487	-5.6226	-6.1084	-5.4749	-5.1891	0.0000	0.0000	-6.1084
979	1	2.7137SLL+1.3CF	0.9485	0.9131	0.9648	0.9640	0.9123	0.0000	0.0000	0.9648
980	0	2.7137SLL+1.3CF	-2.2460	-2.6202	-1.3249	-1.6717	-3.1870	0.0000	0.0000	-3.1870
980	0	2.7137SLL+1.3CF	14.4357	18.6837	10.4681	8.8877	18.4054	0.0000	0.0000	19.3837
980	1	2.7137SLL+1.3CF	-2.2460	-2.8813	-2.0814	-1.6308	-2.4405	0.0000	0.0000	-2.8813
980	1	2.7137SLL+1.3CF	14.4357	16.6767	8.8447	12.1948	19.0288	0.0000	0.0000	19.0288
982	0	2.7137SLL+1.3CF	-5.8773	-5.8809	-6.1868	-6.0738	-5.7879	0.0000	0.0000	-6.1868
982	0	2.7137SLL+1.3CF	0.8990	0.9159	0.9682	0.8821	0.8098	0.0000	0.0000	0.9682
982	1	2.7137SLL+1.3CF	-5.8773	-5.2831	-7.2398	-6.6915	-4.7148	0.0000	0.0000	-7.2398
982	1	2.7137SLL+1.3CF	0.8990	0.8777	0.9147	0.9203	0.8833	0.0000	0.0000	0.9203
983	0	2.7137SLL+1.3CF	-2.1213	-2.2953	-1.4857	-1.9473	-2.7569	0.0000	0.0000	-2.7569
983	0	2.7137SLL+1.3CF	15.0074	19.2323	12.3513	10.7528	17.8636	0.0000	0.0000	19.2323
983	1	2.7137SLL+1.3CF	-2.1213	-1.8815	-2.6311	-2.3611	-1.8115	0.0000	0.0000	-2.6311
983	1	2.7137SLL+1.3CF	15.0074	12.5278	15.5844	17.4870	14.4208	0.0000	0.0000	17.4870
984	0	2.7137SLL+1.3CF	-0.8078	-0.8085	-0.9362	0.0463	0.0000	0.0000	0.0000	-0.8362
984	0	2.7137SLL+1.3CF	2.1997	1.8720	2.2498	2.4579	0.0000	0.0000	0.0000	2.4579
984	1	2.7137SLL+1.3CF	-0.8078	-0.2084	-0.2599	-1.3514	0.0000	0.0000	0.0000	-1.3514
984	1	2.7137SLL+1.3CF	2.1997	2.4141	2.1184	2.1004	0.0000	0.0000	0.0000	2.4141
985	0	2.7137SLL+1.3CF	-3.8571	-4.1588	-4.4497	-2.0818	0.0000	0.0000	0.0000	-4.4497
985	0	2.7137SLL+1.3CF	0.3517	0.1874	0.2565	0.6473	0.0000	0.0000	0.0000	0.6473
985	1	2.7137SLL+1.3CF	-3.8571	-2.8410	-3.0375	-5.5284	0.0000	0.0000	0.0000	-5.5284
985	1	2.7137SLL+1.3CF	0.3517	0.3650	0.4259	0.2139	0.0000	0.0000	0.0000	0.4259
986	0	2.7137SLL+1.3CF	-0.1462	-0.0469	-0.0469	-0.1821	-0.1821	0.0000	0.0000	-0.1821
986	0	2.7137SLL+1.3CF	1.0830	0.9685	0.9685	1.1873	1.1873	0.0000	0.0000	1.1873
986	1	2.7137SLL+1.3CF	-0.1462	-0.1384	-0.1384	-0.1537	-0.1537	0.0000	0.0000	-0.1537
986	1	2.7137SLL+1.3CF	1.0830	0.9812	0.9812	1.2880	1.2880	0.0000	0.0000	1.2880
987	0	2.7137SLL+1.3CF	-3.2375	-2.4885	-2.4885	-3.5613	-3.5613	0.0000	0.0000	-3.5613
987	0	2.7137SLL+1.3CF	0.7792	1.2004	1.2004	0.6022	0.6022	0.0000	0.0000	1.2004
987	1	2.7137SLL+1.3CF	-3.2375	-3.1348	-3.1348	-3.2806	-3.2806	0.0000	0.0000	-3.2806
987	1	2.7137SLL+1.3CF	0.7792	0.1868	0.1868	1.0226	1.0226	0.0000	0.0000	1.0226
989	0	2.7137SLL+1.3CF	-6.1002	-5.4980	-7.0153	-6.7023	-5.1851	0.0000	0.0000	-7.0153
989	0	2.7137SLL+1.3CF	0.8453	0.7784	1.0246	0.9142	0.8992	0.0000	0.0000	1.0246
989	1	2.7137SLL+1.3CF	-6.1002	-6.0400	-6.5109	-6.1604	-5.6695	0.0000	0.0000	-6.5109
989	1	2.7137SLL+1.3CF	0.8453	0.8185	0.8519	0.8722	0.8368	0.0000	0.0000	0.8722

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
980	0	2.7137SLL+1.3CF	-1.9588	-1.4169	-2.0375	-2.5007	-1.8601	0.0000	0.0000	-2.5007
980	0	2.7137SLL+1.3CF	15.3680	13.7797	17.0490	16.9962	13.7268	0.0000	0.0000	17.0490
980	1	2.7137SLL+1.3CF	-1.9588	-2.3367	-2.0261	-1.5759	-1.8918	0.0000	0.0000	-2.3367
980	1	2.7137SLL+1.3CF	15.3680	17.1354	12.7856	13.8428	18.0104	0.0000	0.0000	18.0104
982	0	2.7137SLL+1.3CF	-5.9859	-5.9497	-6.3742	-6.0221	-5.5978	0.0000	0.0000	-6.3742
982	0	2.7137SLL+1.3CF	0.7687	0.8091	0.8418	0.7283	0.6955	0.0000	0.0000	0.8418
982	1	2.7137SLL+1.3CF	-5.9859	-5.9613	-6.3766	-6.0126	-5.5852	0.0000	0.0000	-6.3766
982	1	2.7137SLL+1.3CF	0.7687	0.7216	0.7892	0.8156	0.7482	0.0000	0.0000	0.8156
983	0	2.7137SLL+1.3CF	-1.8729	-2.3161	-1.9860	-1.4297	-1.7498	0.0000	0.0000	-2.3161
983	0	2.7137SLL+1.3CF	15.3674	17.4024	13.0172	13.3329	17.7177	0.0000	0.0000	17.7177
983	1	2.7137SLL+1.3CF	-1.8729	-1.8968	-1.3781	-2.0470	-2.3676	0.0000	0.0000	-2.3676
983	1	2.7137SLL+1.3CF	15.3674	17.3525	12.9567	13.3824	17.7762	0.0000	0.0000	17.7762
985	0	2.7137SLL+1.3CF	-6.0869	-6.0457	-6.4828	-6.1542	-6.7073	0.0000	0.0000	-6.4828
985	0	2.7137SLL+1.3CF	0.8053	0.7639	0.8041	0.8267	0.8665	0.0000	0.0000	0.8267
985	1	2.7137SLL+1.3CF	-6.0869	-5.9378	-7.0325	-6.6822	-5.1674	0.0000	0.0000	-7.0325
985	1	2.7137SLL+1.3CF	0.8053	0.7401	0.9638	0.8708	0.6268	0.0000	0.0000	0.9638
986	0	2.7137SLL+1.3CF	-2.0329	-2.4278	-2.1075	-1.6377	-1.9578	0.0000	0.0000	-2.4278
986	0	2.7137SLL+1.3CF	15.3990	17.4805	13.1436	13.3075	17.8544	0.0000	0.0000	17.8544
986	1	2.7137SLL+1.3CF	-2.0329	-1.4652	-2.1148	-2.6001	-1.9538	0.0000	0.0000	-2.6001
986	1	2.7137SLL+1.3CF	15.3990	13.6470	16.7810	17.1510	14.0170	0.0000	0.0000	17.1510
987	0	2.7137SLL+1.3CF	-0.6393	-0.2307	-0.3396	-1.4617	0.0000	0.0000	0.0000	-1.4617
987	0	2.7137SLL+1.3CF	2.2186	3.0605	2.4418	2.0790	0.0000	0.0000	0.0000	2.4418
987	1	2.7137SLL+1.3CF	-0.6393	-0.8359	-1.0199	0.0826	0.0000	0.0000	0.0000	-1.0199
987	1	2.7137SLL+1.3CF	2.2186	2.5601	2.0752	2.2582	0.0000	0.0000	0.0000	2.5601
988	0	2.7137SLL+1.3CF	-3.7824	-3.4724	-3.7032	-4.2015	0.0000	0.0000	0.0000	-4.2015
988	0	2.7137SLL+1.3CF	0.2871	0.3567	0.4026	0.0620	0.0000	0.0000	0.0000	0.4026
988	1	2.7137SLL+1.3CF	-3.7824	-3.7371	-4.1795	-3.2695	0.0000	0.0000	0.0000	-4.1795
988	1	2.7137SLL+1.3CF	0.2871	0.1629	0.2871	0.4453	0.0000	0.0000	0.0000	0.4453
989	0	2.7137SLL+1.3CF	-0.1441	-0.0408	-0.0408	-0.1878	-0.1878	0.0000	0.0000	-0.1878
989	0	2.7137SLL+1.3CF	1.0815	0.8324	0.8324	1.2004	1.2004	0.0000	0.0000	1.2004
989	1	2.7137SLL+1.3CF	-0.1441	-0.1355	-0.1355	-0.1479	-0.1479	0.0000	0.0000	-0.1479
989	1	2.7137SLL+1.3CF	1.0815	0.6788	0.6788	1.2857	1.2857	0.0000	0.0000	1.2857
1000	0	2.7137SLL+1.3CF	-3.3011	-2.4742	-2.4742	-3.8485	-3.8485	0.0000	0.0000	-3.8485
1000	0	2.7137SLL+1.3CF	0.7986	1.2459	1.2459	0.6125	0.6125	0.0000	0.0000	1.2459

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1000	1	2.7137SLL+1.3CF	-3.3011	-3.2188	-3.2193	-3.3354	-3.3354	0.0000	0.0000	-3.3354
1000	1	2.7137SLL+1.3CF	0.7986	0.1940	0.1940	1.0544	1.0544	0.0000	0.0000	1.0544
1002	0	2.7137SLL+1.3CF	-6.0055	-5.2801	-7.2554	-6.7308	-4.7555	0.0000	0.0000	-7.2554
1002	0	2.7137SLL+1.3CF	0.8602	0.8423	0.8685	0.8791	0.8519	0.0000	0.0000	0.8791
1002	1	2.7137SLL+1.3CF	-6.0055	-6.0047	-6.2490	-6.1062	-5.7619	0.0000	0.0000	-6.2490
1002	1	2.7137SLL+1.3CF	0.8602	0.8840	0.9488	0.8384	0.7736	0.0000	0.0000	0.9488
1003	0	2.7137SLL+1.3CF	-2.2044	-1.9539	-2.7441	-2.4048	-1.6647	0.0000	0.0000	-2.7441
1003	0	2.7137SLL+1.3CF	15.0498	12.5250	15.5884	17.5746	14.5112	0.0000	0.0000	17.5746
1003	1	2.7137SLL+1.3CF	-2.2044	-2.3906	-1.5367	-2.0281	-2.6701	0.0000	0.0000	-2.6701
1003	1	2.7137SLL+1.3CF	15.0498	19.2842	12.4051	10.8054	17.8844	0.0000	0.0000	19.2842
1005	0	2.7137SLL+1.3CF	-6.0378	-5.7955	-6.0993	-5.4802	-5.1783	0.0000	0.0000	-6.0993
1005	0	2.7137SLL+1.3CF	0.9109	0.8798	0.9410	0.9430	0.8807	0.0000	0.0000	0.9430
1005	1	2.7137SLL+1.3CF	-6.0378	-6.2703	-6.0508	-6.0054	-5.2348	0.0000	0.0000	-6.0508
1005	1	2.7137SLL+1.3CF	0.9109	0.9245	1.0063	0.8672	0.8154	0.0000	0.0000	1.0063
1006	0	2.7137SLL+1.3CF	-2.3374	-2.9846	-2.1426	-1.6900	-2.5323	0.0000	0.0000	-2.9846
1006	0	2.7137SLL+1.3CF	14.5187	18.6563	8.7447	12.3771	19.2887	0.0000	0.0000	19.2887
1006	1	2.7137SLL+1.3CF	-2.3374	-2.7231	-1.3684	-1.9518	-3.3085	0.0000	0.0000	-3.3085
1006	1	2.7137SLL+1.3CF	14.5187	20.2640	10.6857	8.7694	18.3467	0.0000	0.0000	20.2640
1008	0	2.7137SLL+1.3CF	-5.3635	-5.2135	-6.0343	-5.5135	-4.6839	0.0000	0.0000	-6.0343
1008	0	2.7137SLL+1.3CF	0.9645	0.9188	1.0007	1.0103	0.9283	0.0000	0.0000	1.0103
1008	1	2.7137SLL+1.3CF	-5.3635	-5.2490	-5.6173	-5.4840	-5.1096	0.0000	0.0000	-5.6173
1008	1	2.7137SLL+1.3CF	0.9645	1.0002	1.0541	0.9297	0.8749	0.0000	0.0000	1.0541
1009	0	2.7137SLL+1.3CF	-2.4982	-3.3871	-2.0362	-1.5853	-2.6042	0.0000	0.0000	-3.3871
1009	0	2.7137SLL+1.3CF	13.8313	17.3297	7.8073	10.3330	19.8554	0.0000	0.0000	19.8554
1009	1	2.7137SLL+1.3CF	-2.4982	-2.5241	-1.8018	-2.4483	-3.1204	0.0000	0.0000	-3.1204
1009	1	2.7137SLL+1.3CF	13.8313	17.3974	12.1682	10.2652	15.4965	0.0000	0.0000	17.3974
1011	0	2.7137SLL+1.3CF	-5.1730	-5.2678	-5.6590	-5.0753	-4.6870	0.0000	0.0000	-5.6590
1011	0	2.7137SLL+1.3CF	1.0355	1.0095	1.0642	1.0615	1.0067	0.0000	0.0000	1.0642
1011	1	2.7137SLL+1.3CF	-5.1730	-4.9130	-5.4860	-5.4330	-4.8800	0.0000	0.0000	-5.4860
1011	1	2.7137SLL+1.3CF	1.0355	0.8983	1.1881	1.0747	0.9618	0.0000	0.0000	1.1881
1012	0	2.7137SLL+1.3CF	-3.6173	-3.1470	-2.4846	-2.0877	-2.7499	0.0000	0.0000	-3.1470
1012	0	2.7137SLL+1.3CF	13.1968	14.5333	9.3073	11.8597	17.0857	0.0000	0.0000	17.0857
1012	1	2.7137SLL+1.3CF	-2.6173	-1.7503	-3.0296	-3.4844	-2.2051	0.0000	0.0000	-3.4844
1012	1	2.7137SLL+1.3CF	13.1968	11.1347	16.8681	15.2583	9.5249	0.0000	0.0000	16.8681

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1013	0	2.713?SLL+1.3CF	-0.7982	0.5870	0.3135	-3.7172	0.0000	0.0000	0.0000	-3.7172
1013	0	2.713?SLL+1.3CF	2.4190	2.5949	3.0084	1.4224	0.0000	0.0000	0.0000	3.0084
1013	1	2.713?SLL+1.3CF	-0.7982	-1.9442	-2.0378	2.0582	0.0000	0.0000	0.0000	2.0582
1013	1	2.713?SLL+1.3CF	2.4190	2.1708	1.8813	3.4082	0.0000	0.0000	0.0000	3.4082
1014	0	2.713?SLL+1.3CF	-3.9042	-1.2694	-1.4818	-9.9084	0.0000	0.0000	0.0000	-9.9084
1014	0	2.713?SLL+1.3CF	0.4539	0.4501	0.5242	0.3609	0.0000	0.0000	0.0000	0.5242
1014	1	2.713?SLL+1.3CF	-3.9042	-5.7860	-6.2450	1.2093	0.0000	0.0000	0.0000	-6.2450
1014	1	2.713?SLL+1.3CF	0.4539	0.2936	0.4200	0.8612	0.0000	0.0000	0.0000	0.8612
1015	0	2.713?SLL+1.3CF	-0.1821	-0.0369	-0.0369	-0.2431	-0.2431	0.0000	0.0000	-0.2431
1015	0	2.713?SLL+1.3CF	0.8018	0.1378	0.1378	1.0806	1.0806	0.0000	0.0000	1.0806
1015	1	2.713?SLL+1.3CF	-0.1821	-0.1784	-0.1784	-0.1837	-0.1837	0.0000	0.0000	-0.1837
1015	1	2.713?SLL+1.3CF	0.8018	1.0958	1.0958	0.8781	0.8781	0.0000	0.0000	1.0958
1016	0	2.713?SLL+1.3CF	-3.3757	-2.5881	-2.5881	-3.7079	-3.7079	0.0000	0.0000	-3.7079
1016	0	2.713?SLL+1.3CF	1.2311	1.6839	1.6839	1.0410	1.0410	0.0000	0.0000	1.6839
1016	1	2.713?SLL+1.3CF	-3.3757	-3.2984	-3.2984	-3.4082	-3.4082	0.0000	0.0000	-3.4082
1016	1	2.713?SLL+1.3CF	1.2311	0.5417	0.5417	1.5208	1.5208	0.0000	0.0000	1.5208
1018	0	2.713?SLL+1.3CF	-4.6030	-3.8568	-6.4568	-3.7472	-3.1462	0.0000	0.0000	-6.4568
1018	0	2.713?SLL+1.3CF	1.0804	0.9904	1.1857	1.1704	0.9752	0.0000	0.0000	1.1857
1018	1	2.713?SLL+1.3CF	-4.6030	-4.7045	-4.7164	-4.9015	-4.8896	0.0000	0.0000	-4.9015
1018	1	2.713?SLL+1.3CF	1.0804	1.1010	1.1704	1.0598	0.9904	0.0000	0.0000	1.1704
1019	0	2.713?SLL+1.3CF	-2.7602	-2.2213	-3.4953	-3.2991	-2.0251	0.0000	0.0000	-3.4953
1019	0	2.713?SLL+1.3CF	12.0867	8.1880	12.5414	16.0314	11.6560	0.0000	0.0000	16.0314
1019	1	2.713?SLL+1.3CF	-2.7602	-2.9794	-3.1337	-3.5420	-3.3867	0.0000	0.0000	-3.3867
1019	1	2.713?SLL+1.3CF	12.0867	15.8863	12.1388	8.3310	12.0608	0.0000	0.0000	15.8863
1021	0	2.713?SLL+1.3CF	-4.1973	-4.6151	-4.5028	-3.7794	-3.8119	0.0000	0.0000	-4.6151
1021	0	2.713?SLL+1.3CF	1.1185	1.0867	1.1665	1.1363	1.0705	0.0000	0.0000	1.1665
1021	1	2.713?SLL+1.3CF	-4.1973	-3.7535	-4.3295	-4.6410	-4.0650	0.0000	0.0000	-4.6410
1021	1	2.713?SLL+1.3CF	1.1185	1.1163	1.2235	1.1207	1.0139	0.0000	0.0000	1.2239
1022	0	2.713?SLL+1.3CF	-2.8645	-3.4514	-2.6058	-2.2775	-3.1231	0.0000	0.0000	-3.4514
1022	0	2.713?SLL+1.3CF	10.8551	10.4283	8.6839	11.2818	15.0462	0.0000	0.0000	15.0462
1022	1	2.713?SLL+1.3CF	-2.8645	-3.4075	-1.8316	-2.3214	-3.8873	0.0000	0.0000	-3.8873
1022	1	2.713?SLL+1.3CF	10.8551	15.0249	9.7741	5.8855	11.9360	0.0000	0.0000	15.0249
1024	0	2.713?SLL+1.3CF	-3.6829	-3.7327	-4.3063	-3.6331	-3.0594	0.0000	0.0000	-4.3063
1024	0	2.713?SLL+1.3CF	1.1596	1.1120	1.2187	1.2073	1.1005	0.0000	0.0000	1.2187

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1024	1	2.713?SLL+1.3CF	-3.6829	-3.5261	-3.5979	-3.8379	-3.7679	0.0000	0.0000	-3.8379
1024	1	2.713?SLL+1.3CF	1.1596	1.1778	1.2721	1.1414	1.0472	0.0000	0.0000	1.2721
1025	0	2.713?SLL+1.3CF	-2.9723	-3.8059	-2.3256	-2.0366	-3.8187	0.0000	0.0000	-3.8059
1025	0	2.713?SLL+1.3CF	9.5255	10.2856	4.0527	6.7853	14.6662	0.0000	0.0000	14.6662
1025	1	2.713?SLL+1.3CF	-2.9723	-3.1881	-2.3156	-2.7564	-3.6289	0.0000	0.0000	-3.6289
1025	1	2.713?SLL+1.3CF	9.5255	13.6072	9.8806	5.4438	9.1704	0.0000	0.0000	13.6072
1027	0	2.713?SLL+1.3CF	-3.2808	-3.6609	-3.7005	-2.9006	-2.8610	0.0000	0.0000	-3.7005
1027	0	2.713?SLL+1.3CF	1.2515	1.2326	1.3247	1.2704	1.1793	0.0000	0.0000	1.3247
1027	1	2.713?SLL+1.3CF	-3.2808	-2.9808	-3.1167	-3.5807	-3.4448	0.0000	0.0000	-3.5807
1027	1	2.713?SLL+1.3CF	1.2515	1.2448	1.3268	1.2584	1.1762	0.0000	0.0000	1.3268
1028	0	2.713?SLL+1.3CF	-3.0868	-3.7046	-2.8363	-2.4668	-3.3342	0.0000	0.0000	-3.7046
1028	0	2.713?SLL+1.3CF	8.2291	8.1672	4.5386	8.2711	11.9197	0.0000	0.0000	11.9197
1028	1	2.713?SLL+1.3CF	-3.0868	-2.1327	-3.4670	-4.0408	-2.7068	0.0000	0.0000	-4.0408
1028	1	2.713?SLL+1.3CF	8.2291	7.8784	10.9807	6.5798	5.4775	0.0000	0.0000	10.9807
1029	0	2.713?SLL+1.3CF	-1.0350	-0.4421	-0.6813	-2.1159	0.0000	0.0000	0.0000	-2.1159
1029	0	2.713?SLL+1.3CF	2.2516	2.4660	2.8627	1.1938	0.0000	0.0000	0.0000	2.8627
1029	1	2.713?SLL+1.3CF	-1.0350	-1.5367	-1.4729	0.0711	0.0000	0.0000	0.0000	-1.5367
1029	1	2.713?SLL+1.3CF	2.2516	1.8633	1.7040	3.3732	0.0000	0.0000	0.0000	3.3732
1030	0	2.713?SLL+1.3CF	-3.0757	-0.0592	-0.2294	-10.0207	0.0000	0.0000	0.0000	-10.0207
1030	0	2.713?SLL+1.3CF	0.7986	0.6656	0.7662	0.9158	0.0000	0.0000	0.0000	0.9158
1030	1	2.713?SLL+1.3CF	-3.0757	-5.6018	-5.7333	3.1188	0.0000	0.0000	0.0000	-5.7333
1030	1	2.713?SLL+1.3CF	0.7986	0.9147	0.9287	0.6410	0.0000	0.0000	0.0000	0.9147
1031	0	2.713?SLL+1.3CF	-0.2316	-0.1709	-0.1709	-0.2429	-0.2429	0.0000	0.0000	-0.2429
1031	0	2.713?SLL+1.3CF	0.5980	0.9682	0.9682	0.4341	0.4341	0.0000	0.0000	0.9682
1031	1	2.713?SLL+1.3CF	-0.2316	-0.2647	-0.2647	-0.2035	-0.2035	0.0000	0.0000	-0.2647
1031	1	2.713?SLL+1.3CF	0.5980	0.0607	0.0607	0.8154	0.8154	0.0000	0.0000	0.8154
1032	0	2.713?SLL+1.3CF	-2.9431	-2.2848	-2.2848	-3.2196	-3.2196	0.0000	0.0000	-3.2196
1032	0	2.713?SLL+1.3CF	1.4449	1.8075	1.8075	1.2825	1.2825	0.0000	0.0000	1.8075
1032	1	2.713?SLL+1.3CF	-2.9431	-2.8362	-2.8362	-2.9880	-2.9880	0.0000	0.0000	-2.9880
1032	1	2.713?SLL+1.3CF	1.4449	0.7579	0.7579	1.7335	1.7335	0.0000	0.0000	1.7335
1034	0	2.713?SLL+1.3CF	-3.6817	-3.5436	-4.3311	-4.4197	-1.8322	0.0000	0.0000	-4.3311
1034	0	2.713?SLL+1.3CF	1.8040	1.8015	2.2010	1.8066	1.4071	0.0000	0.0000	2.2010
1034	1	2.713?SLL+1.3CF	-3.6817	-2.8237	-2.7163	-5.3396	-5.2470	0.0000	0.0000	-5.3396
1034	1	2.713?SLL+1.3CF	1.8040	1.2578	1.7338	2.3502	1.8743	0.0000	0.0000	2.3502

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1035	0	2.7137SLL+1.3CF	-3.4200	-3.2713	-4.2446	-3.5347	-2.5614	0.0000	0.0000	-4.2446
1035	0	2.7137SLL+1.3CF	6.8874	4.5772	6.2036	8.4175	7.7913	0.0000	0.0000	8.4175
1035	1	2.7137SLL+1.3CF	-3.4200	-3.5308	-2.0032	-3.2756	-4.7528	0.0000	0.0000	-4.7528
1035	1	2.7137SLL+1.3CF	6.8874	9.9005	7.6323	4.0942	6.3625	0.0000	0.0000	9.9005
1037	0	2.7137SLL+1.3CF	-5.6413	-6.2732	-9.5256	-3.0098	-1.7573	0.0000	0.0000	-9.5256
1037	0	2.7137SLL+1.3CF	3.2099	3.5371	4.0136	2.8629	2.4083	0.0000	0.0000	4.0136
1037	1	2.7137SLL+1.3CF	-5.6413	-2.4853	-0.6864	-8.7976	-10.5965	0.0000	0.0000	-10.5965
1037	1	2.7137SLL+1.3CF	3.2099	2.8374	2.8735	5.5825	3.5464	0.0000	0.0000	5.5825
1038	0	2.7137SLL+1.3CF	-3.7193	-4.9561	-3.4764	-2.4826	-3.9619	0.0000	0.0000	-4.9561
1038	0	2.7137SLL+1.3CF	5.7368	4.4158	2.3488	7.0577	9.1238	0.0000	0.0000	9.1238
1038	1	2.7137SLL+1.3CF	-3.7193	-4.3729	-2.1090	-3.0858	-5.3297	0.0000	0.0000	-5.3297
1038	1	2.7137SLL+1.3CF	5.7368	10.2950	6.8648	1.1756	4.4967	0.0000	0.0000	10.2950
1040	0	2.7137SLL+1.3CF	-3.3677	-6.9474	-6.8573	0.1721	3.0618	0.0000	0.0000	-6.9474
1040	0	2.7137SLL+1.3CF	3.4318	3.7302	3.7678	3.1036	3.0960	0.0000	0.0000	3.7678
1040	1	2.7137SLL+1.3CF	-3.3677	0.2653	0.3090	-7.0827	-7.0844	0.0000	0.0000	-7.0844
1040	1	2.7137SLL+1.3CF	3.4318	3.2546	3.2801	3.6092	3.5638	0.0000	0.0000	3.6092
1041	0	2.7137SLL+1.3CF	-3.9193	-5.3114	-5.1935	-2.5272	-4.8451	0.0000	0.0000	-5.3114
1041	0	2.7137SLL+1.3CF	3.8102	2.1557	-0.0174	5.4648	7.6579	0.0000	0.0000	7.6579
1041	1	2.7137SLL+1.3CF	-3.9193	-4.0871	-2.7607	-3.7715	-5.0779	0.0000	0.0000	-5.0779
1041	1	2.7137SLL+1.3CF	3.8102	7.4188	5.8044	5.2020	1.7961	0.0000	0.0000	7.4188
1043	0	2.7137SLL+1.3CF	-2.1124	-6.8232	-4.8799	1.5985	0.6651	0.0000	0.0000	-6.8232
1043	0	2.7137SLL+1.3CF	4.1622	1.2429	1.0403	7.0815	7.2841	0.0000	0.0000	7.2841
1043	1	2.7137SLL+1.3CF	-2.1124	3.3412	-1.3001	-7.5859	-2.6047	0.0000	0.0000	-7.5859
1043	1	2.7137SLL+1.3CF	4.1622	8.5841	6.7040	2.7402	-0.3797	0.0000	0.0000	8.7040
1044	0	2.7137SLL+1.3CF	-4.3346	-6.3029	-5.6230	-2.3863	-2.8463	0.0000	0.0000	-6.3029
1044	0	2.7137SLL+1.3CF	2.5553	1.5893	0.3224	3.5214	4.7883	0.0000	0.0000	4.7883
1044	1	2.7137SLL+1.3CF	-4.3346	-2.5823	-3.6883	-6.1070	-4.7939	0.0000	0.0000	-6.1070
1044	1	2.7137SLL+1.3CF	2.5553	3.0487	3.8096	2.0619	1.3041	0.0000	0.0000	3.8096
1045	0	2.7137SLL+1.3CF	-1.4809	-1.0384	-0.3973	-3.3534	0.0000	0.0000	0.0000	-3.3534
1045	0	2.7137SLL+1.3CF	1.5502	1.1565	0.7533	3.0440	0.0000	0.0000	0.0000	3.0440
1045	1	2.7137SLL+1.3CF	-1.4809	-3.5584	-3.7881	3.8192	0.0000	0.0000	0.0000	3.8192
1045	1	2.7137SLL+1.3CF	1.5502	1.4223	1.7048	1.4648	0.0000	0.0000	0.0000	1.7048
1046	0	2.7137SLL+1.3CF	-1.3828	-0.5221	-0.5724	-3.3618	0.0000	0.0000	0.0000	-3.3618
1046	0	2.7137SLL+1.3CF	1.1588	2.2879	2.7810	-2.2094	0.0000	0.0000	0.0000	2.7810

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1046	1	2.7137SLL+1.3CF	-1.3828	-3.3469	-2.7938	2.5291	0.0000	0.0000	0.0000	-3.3469
1046	1	2.7137SLL+1.3CF	1.1588	-0.2963	-1.0788	5.7050	0.0000	0.0000	0.0000	5.7050
1047	0	2.7137SLL+1.3CF	-0.5245	-0.2234	-0.2234	-0.8810	-0.8810	0.0000	0.0000	-0.8810
1047	0	2.7137SLL+1.3CF	0.5806	-0.0463	-0.0463	0.8448	0.8448	0.0000	0.0000	0.8448
1047	1	2.7137SLL+1.3CF	-0.5245	-0.6030	-0.6030	-0.4915	-0.4915	0.0000	0.0000	-0.6030
1047	1	2.7137SLL+1.3CF	0.5806	0.7690	0.7690	0.5015	0.5015	0.0000	0.0000	0.7690
1048	0	2.7137SLL+1.3CF	-2.0106	-1.5888	-1.5888	-2.1963	-2.1963	0.0000	0.0000	-2.1963
1048	0	2.7137SLL+1.3CF	1.2579	1.1099	1.1099	1.3201	1.3201	0.0000	0.0000	1.3201
1048	1	2.7137SLL+1.3CF	-2.0106	-1.7953	-1.7953	-2.1011	-2.1011	0.0000	0.0000	-2.1011
1048	1	2.7137SLL+1.3CF	1.2579	0.8212	0.8212	1.4413	1.4413	0.0000	0.0000	1.4413
1050	0	2.7137SLL+1.3CF	-1.3407	-2.6712	-3.1256	-0.0103	0.4441	0.0000	0.0000	-3.1256
1050	0	2.7137SLL+1.3CF	5.6283	1.8167	0.9771	9.4099	10.2795	0.0000	0.0000	10.2795
1050	1	2.7137SLL+1.3CF	-1.3407	-0.0013	0.3914	-2.6802	-3.0729	0.0000	0.0000	-3.0729
1050	1	2.7137SLL+1.3CF	5.6283	9.7510	8.4986	1.4756	1.7599	0.0000	0.0000	9.7510
1051	0	2.7137SLL+1.3CF	-6.1159	-5.6838	-6.7938	-5.5441	-5.4440	0.0000	0.0000	-6.7938
1051	0	2.7137SLL+1.3CF	1.4060	0.3981	1.2074	2.5160	1.6847	0.0000	0.0000	2.5160
1051	1	2.7137SLL+1.3CF	-6.1159	-5.0147	-2.4507	-7.2231	-9.7672	0.0000	0.0000	-9.7672
1051	1	2.7137SLL+1.3CF	1.4060	2.7151	2.5479	0.1570	0.3242	0.0000	0.0000	2.7151
1053	0	2.7137SLL+1.3CF	-0.7646	-0.2500	-0.2153	-1.2792	-1.3140	0.0000	0.0000	-1.3140
1053	0	2.7137SLL+1.3CF	5.5034	-2.7936	-2.9628	13.7703	13.9696	0.0000	0.0000	13.9696
1053	1	2.7137SLL+1.3CF	-0.7646	-1.3662	-1.2965	-0.1410	-0.2328	0.0000	0.0000	-1.3662
1053	1	2.7137SLL+1.3CF	5.5034	13.9701	13.4545	-2.9634	-2.4477	0.0000	0.0000	13.9701
1054	0	2.7137SLL+1.3CF	-7.8771	-13.1890	-10.5774	-3.5652	-5.1769	0.0000	0.0000	-13.1890
1054	0	2.7137SLL+1.3CF	1.2445	1.8466	1.2627	0.8423	1.2363	0.0000	0.0000	1.8466
1054	1	2.7137SLL+1.3CF	-7.8771	-8.0127	-0.7559	-9.7416	-14.8984	0.0000	0.0000	-14.8984
1054	1	2.7137SLL+1.3CF	1.2445	1.3439	0.6101	1.1451	1.6788	0.0000	0.0000	1.6788
1056	0	2.7137SLL+1.3CF	-0.9104	-0.4931	-0.3603	-1.3677	-1.4604	0.0000	0.0000	-1.4604
1056	0	2.7137SLL+1.3CF	7.0996	0.0797	-0.4365	14.1196	14.8360	0.0000	0.0000	14.8360
1056	1	2.7137SLL+1.3CF	-0.9104	-1.5034	-1.4416	-0.3173	-0.3788	0.0000	0.0000	-1.5034
1056	1	2.7137SLL+1.3CF	7.0996	14.8184	14.5378	-0.4188	-0.3360	0.0000	0.0000	14.8184
1057	0	2.7137SLL+1.3CF	-10.4186	-17.7825	-12.5481	-3.0407	-6.2851	0.0000	0.0000	-17.7825
1057	0	2.7137SLL+1.3CF	1.4392	2.1337	1.5136	0.7447	1.3645	0.0000	0.0000	2.1337
1057	1	2.7137SLL+1.3CF	-10.4186	-7.4412	-3.5859	-13.3918	-17.2372	0.0000	0.0000	-17.2372
1057	1	2.7137SLL+1.3CF	1.4392	1.1767	0.8797	1.6997	1.9996	0.0000	0.0000	1.9996

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1059	0	2.7137SLL+1.3CF	-1.0989	-0.8087	-0.7475	-1.3890	-1.4502	0.0000	0.0000	-1.4502
1059	0	2.7137SLL+1.3CF	9.4622	4.8089	4.5436	14.3158	14.3806	0.0000	0.0000	14.3806
1059	1	2.7137SLL+1.3CF	-1.0989	-1.2037	-1.8822	-0.8940	-0.5355	0.0000	0.0000	-1.8822
1059	1	2.7137SLL+1.3CF	9.4622	11.9378	16.2540	6.8889	2.6701	0.0000	0.0000	16.2540
1060	0	2.7137SLL+1.3CF	-12.8210	-16.3419	-14.5294	-7.3001	-11.1126	0.0000	0.0000	-16.3419
1060	0	2.7137SLL+1.3CF	1.8324	2.0600	1.7707	1.2049	1.4942	0.0000	0.0000	2.0600
1060	1	2.7137SLL+1.3CF	-12.8210	-8.4848	-11.5997	-17.1572	-14.0423	0.0000	0.0000	-17.1572
1060	1	2.7137SLL+1.3CF	1.8324	1.0149	1.7840	2.2503	1.4808	0.0000	0.0000	2.2503
1061	0	2.7137SLL+1.3CF	-3.7967	-4.0831	-2.4202	-5.4102	0.0000	0.0000	0.0000	-5.4102
1061	0	2.7137SLL+1.3CF	0.5497	0.5436	0.2247	1.0043	0.0000	0.0000	0.0000	1.0043
1061	1	2.7137SLL+1.3CF	-3.7967	-4.2968	-5.5738	-0.8437	0.0000	0.0000	0.0000	-5.5738
1061	1	2.7137SLL+1.3CF	0.5497	0.6697	0.8603	-0.0191	0.0000	0.0000	0.0000	0.8603
1062	0	2.7137SLL+1.3CF	-1.0366	-0.6181	-1.5441	-0.7613	0.0000	0.0000	0.0000	-1.5441
1062	0	2.7137SLL+1.3CF	0.7578	3.2023	2.8481	-4.5719	0.0000	0.0000	0.0000	-4.5719
1062	1	2.7137SLL+1.3CF	-1.0366	-1.4638	-0.3679	-1.5392	0.0000	0.0000	0.0000	-1.5392
1062	1	2.7137SLL+1.3CF	0.7578	-1.7588	-2.0743	7.1812	0.0000	0.0000	0.0000	7.1812
1063	0	2.7137SLL+1.3CF	-0.7017	1.3556	1.3556	-1.5881	-1.5881	0.0000	0.0000	-1.5881
1063	0	2.7137SLL+1.3CF	0.0688	0.1725	0.1725	0.0036	0.0036	0.0000	0.0000	0.1725
1063	1	2.7137SLL+1.3CF	-0.7017	-2.4424	-2.4424	0.0296	0.0296	0.0000	0.0000	-2.4424
1063	1	2.7137SLL+1.3CF	0.0688	0.1660	0.1660	0.0479	0.0479	0.0000	0.0000	0.1660
1064	0	2.7137SLL+1.3CF	-0.8070	-1.4090	-1.4090	-0.5541	-0.5541	0.0000	0.0000	-1.4090
1064	0	2.7137SLL+1.3CF	1.3789	1.2131	1.2131	1.4457	1.4457	0.0000	0.0000	1.4457
1064	1	2.7137SLL+1.3CF	-0.8070	-0.4389	-0.4389	-0.9618	-0.9618	0.0000	0.0000	-0.9618
1064	1	2.7137SLL+1.3CF	1.3789	1.6183	1.6183	1.2763	1.2763	0.0000	0.0000	1.6183
1066	0	2.7137SLL+1.3CF	-1.1381	-0.8801	-1.2358	-1.3860	-1.0404	0.0000	0.0000	-1.3860
1066	0	2.7137SLL+1.3CF	10.0419	7.0050	8.6748	13.0788	10.4089	0.0000	0.0000	13.0788
1066	1	2.7137SLL+1.3CF	-1.1381	-1.3006	-1.1928	-0.9755	-1.0633	0.0000	0.0000	-1.3006
1066	1	2.7137SLL+1.3CF	10.0419	11.8179	11.6722	8.1659	8.4118	0.0000	0.0000	11.8179
1067	0	2.7137SLL+1.3CF	-14.1586	-10.4715	-15.5849	-17.8481	-12.7547	0.0000	0.0000	-17.8481
1067	0	2.7137SLL+1.3CF	1.7209	1.1264	2.0641	2.3154	1.3779	0.0000	0.0000	2.3154
1067	1	2.7137SLL+1.3CF	-14.1586	-17.2878	-12.4506	-11.0318	-15.8688	0.0000	0.0000	-17.2878
1067	1	2.7137SLL+1.3CF	1.7209	1.9569	1.6457	1.4628	1.7980	0.0000	0.0000	1.9569
1068	0	2.7137SLL+1.3CF	-1.0458	-1.2052	-1.0974	-0.8865	-0.9943	0.0000	0.0000	-1.2052
1068	0	2.7137SLL+1.3CF	9.0994	9.8851	9.8394	8.3137	8.5594	0.0000	0.0000	9.8851

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1069	1	2.7137SLL+1.3CF	-1.0458	-1.0836	-0.9818	-1.0981	-1.0999	0.0000	0.0000	-1.0999
1069	1	2.7137SLL+1.3CF	9.0994	9.3857	9.0401	8.8131	9.1567	0.0000	0.0000	9.3857
1070	0	2.7137SLL+1.3CF	-13.6747	-15.0445	-10.2053	-12.3049	-17.1441	0.0000	0.0000	-17.1441
1070	0	2.7137SLL+1.3CF	1.6613	1.6835	1.3681	1.6391	1.9545	0.0000	0.0000	1.9545
1070	1	2.7137SLL+1.3CF	-13.6747	-18.7424	-10.5186	-8.6073	-16.8308	0.0000	0.0000	-18.7424
1070	1	2.7137SLL+1.3CF	1.6613	2.1584	1.3901	1.1842	1.9329	0.0000	0.0000	2.1584
1072	0	2.7137SLL+1.3CF	-0.8420	0.9551	1.0331	-2.6362	-2.7041	0.0000	0.0000	-2.7041
1072	0	2.7137SLL+1.3CF	8.4982	8.6698	8.3271	8.3266	8.8894	0.0000	0.0000	8.8898
1072	1	2.7137SLL+1.3CF	-0.8420	-2.8891	-2.8192	1.2050	1.1351	0.0000	0.0000	-2.8891
1072	1	2.7137SLL+1.3CF	8.4982	9.8245	9.4353	7.1720	7.5812	0.0000	0.0000	9.8245
1073	0	2.7137SLL+1.3CF	-13.0525	-15.9247	-7.7037	-10.1803	-16.4013	0.0000	0.0000	-16.4013
1073	0	2.7137SLL+1.3CF	1.4620	3.6126	3.2160	-0.6266	-0.2320	0.0000	0.0000	3.6126
1073	1	2.7137SLL+1.3CF	-13.0525	-15.8873	-10.4942	-10.2077	-15.8108	0.0000	0.0000	-15.8873
1073	1	2.7137SLL+1.3CF	1.4620	-0.3894	-0.4917	3.3734	3.4757	0.0000	0.0000	3.4757
1075	0	2.7137SLL+1.3CF	-2.7447	-0.9559	3.0777	-4.5539	-8.9671	0.0000	0.0000	-8.9671
1075	0	2.7137SLL+1.3CF	11.8859	12.3469	11.5814	11.3849	12.1503	0.0000	0.0000	12.3469
1075	1	2.7137SLL+1.3CF	-2.7447	-2.1880	-11.2799	-3.3205	5.7905	0.0000	0.0000	-11.2799
1075	1	2.7137SLL+1.3CF	11.8859	9.2599	14.1749	14.4719	9.5589	0.0000	0.0000	14.4719
1076	0	2.7137SLL+1.3CF	-12.9811	-15.5988	-10.1644	-10.4034	-15.7977	0.0000	0.0000	-15.7977
1076	0	2.7137SLL+1.3CF	3.0113	5.4014	5.1021	0.6211	0.8204	0.0000	0.0000	5.4014
1076	1	2.7137SLL+1.3CF	-12.9811	-11.1352	-14.4709	-14.8270	-11.4913	0.0000	0.0000	-14.8270
1076	1	2.7137SLL+1.3CF	3.0113	1.8579	2.1505	4.1646	3.8720	0.0000	0.0000	4.1646
1077	0	2.7137SLL+1.3CF	-1.6793	-1.2575	-0.5064	-3.7201	0.0000	0.0000	0.0000	-3.7201
1077	0	2.7137SLL+1.3CF	1.7582	2.8907	2.3843	-0.2589	0.0000	0.0000	0.0000	2.8907
1077	1	2.7137SLL+1.3CF	-1.6793	-2.0488	-2.2220	-0.5608	0.0000	0.0000	0.0000	-2.2220
1077	1	2.7137SLL+1.3CF	1.7582	1.3748	1.6688	2.2582	0.0000	0.0000	0.0000	2.2582
1078	0	2.7137SLL+1.3CF	-1.5869	-2.2001	-2.2802	-0.0167	0.0000	0.0000	0.0000	-2.2802
1078	0	2.7137SLL+1.3CF	1.6843	1.5159	1.9382	1.4099	0.0000	0.0000	0.0000	1.9382
1078	1	2.7137SLL+1.3CF	-1.5869	-0.5527	0.0204	-4.6367	0.0000	0.0000	0.0000	-4.6367
1078	1	2.7137SLL+1.3CF	1.6843	2.2875	1.7756	0.8678	0.0000	0.0000	0.0000	2.2875
1079	0	2.7137SLL+1.3CF	-1.3524	0.5482	0.5482	-2.1509	-2.1509	0.0000	0.0000	-2.1509
1079	0	2.7137SLL+1.3CF	0.7668	-0.0336	-0.0336	1.1058	1.1058	0.0000	0.0000	1.1058
1079	1	2.7137SLL+1.3CF	-1.3524	-2.8178	-2.8178	-0.7368	-0.7368	0.0000	0.0000	-2.8178
1079	1	2.7137SLL+1.3CF	0.7668	1.1285	1.1285	0.4177	0.4177	0.0000	0.0000	1.1285

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1080	0	2.7137SLL+1.3CF	-2.2348	-1.7834	-1.7534	-2.4244	-2.4244	0.0000	0.0000	-2.4244
1080	0	2.7137SLL+1.3CF	2.1412	2.1626	2.1626	2.1322	2.1322	0.0000	0.0000	2.1626
1080	1	2.7137SLL+1.3CF	-2.2348	-2.0194	-2.0194	-2.3253	-2.3253	0.0000	0.0000	-2.3253
1080	1	2.7137SLL+1.3CF	2.1412	1.4662	1.4662	2.4166	2.4166	0.0000	0.0000	2.4166
1082	0	2.7137SLL+1.3CF	-3.8856	3.7960	-2.8340	-11.5273	-4.9372	0.0000	0.0000	-11.5272
1082	0	2.7137SLL+1.3CF	11.1303	10.7433	14.1188	11.5172	9.1439	0.0000	0.0000	14.1188
1082	1	2.7137SLL+1.3CF	-3.8856	-9.4163	-7.6585	1.8452	-0.1123	0.0000	0.0000	-9.4163
1082	1	2.7137SLL+1.3CF	11.1303	9.8456	9.9395	12.4149	12.3210	0.0000	0.0000	12.4149
1083	0	2.7137SLL+1.3CF	-12.1907	-9.1615	-13.2851	-15.2199	-11.1184	0.0000	0.0000	-15.2199
1083	0	2.7137SLL+1.3CF	5.0489	5.0867	5.8641	5.0011	4.2338	0.0000	0.0000	5.8641
1083	1	2.7137SLL+1.3CF	-12.1907	-15.1029	-11.0267	-9.2785	-13.3547	0.0000	0.0000	-15.1029
1083	1	2.7137SLL+1.3CF	5.0489	5.0200	1.8340	5.0778	8.1639	0.0000	0.0000	8.1639
1085	0	2.7137SLL+1.3CF	-8.2597	-1.7586	0.7366	-8.8109	-11.2580	0.0000	0.0000	-11.2580
1085	0	2.7137SLL+1.3CF	10.2333	12.2702	12.3619	8.1963	8.1047	0.0000	0.0000	12.3619
1085	1	2.7137SLL+1.3CF	-8.2597	-12.1810	-8.2369	1.8618	-2.2625	0.0000	0.0000	-12.1810
1085	1	2.7137SLL+1.3CF	10.2333	8.3151	8.4318	12.1818	13.0348	0.0000	0.0000	13.1818
1086	0	2.7137SLL+1.3CF	-11.4930	-11.8714	-7.7922	-11.1148	-15.1937	0.0000	0.0000	-15.1937
1086	0	2.7137SLL+1.3CF	6.1260	9.9705	9.8945	2.2815	2.2575	0.0000	0.0000	9.9705
1086	1	2.7137SLL+1.3CF	-11.4930	-16.1581	-9.1883	-6.8278	-13.7967	0.0000	0.0000	-16.1581
1086	1	2.7137SLL+1.3CF	6.1260	5.9671	1.5430	6.2550	10.7090	0.0000	0.0000	10.7090
1088	0	2.7137SLL+1.3CF	-6.4388	-4.1329	0.5375	-8.7467	-13.4171	0.0000	0.0000	-13.4171
1088	0	2.7137SLL+1.3CF	9.4503	11.7391	11.8579	7.1618	7.0428	0.0000	0.0000	11.8579
1088	1	2.7137SLL+1.3CF	-6.4388	-12.2875	-10.0402	-0.8121	-2.8384	0.0000	0.0000	-12.2875
1088	1	2.7137SLL+1.3CF	9.4503	7.2764	7.5806	11.6243	11.3201	0.0000	0.0000	11.6243
1089	0	2.7137SLL+1.3CF	-10.7252	-12.5953	-5.6378	-6.8052	-15.8129	0.0000	0.0000	-15.8129
1089	0	2.7137SLL+1.3CF	7.3886	11.8329	7.2567	3.1444	7.9205	0.0000	0.0000	11.8329
1089	1	2.7137SLL+1.3CF	-10.7252	-14.3919	-9.5088	-7.0586	-11.8439	0.0000	0.0000	-14.3919
1089	1	2.7137SLL+1.3CF	7.3886	8.8582	3.8418	8.1190	11.1355	0.0000	0.0000	11.1355
1091	0	2.7137SLL+1.3CF	-7.8368	-5.3900	-2.5339	-10.2875	-13.1436	0.0000	0.0000	-13.1436
1091	0	2.7137SLL+1.3CF	8.8210	10.7023	11.0130	6.5397	6.2289	0.0000	0.0000	11.0130
1091	1	2.7137SLL+1.3CF	-7.8368	-7.1981	-10.0253	-6.4794	0.3477	0.0000	0.0000	-10.0253
1091	1	2.7137SLL+1.3CF	8.8210	5.3742	8.2284	11.8677	9.0126	0.0000	0.0000	11.8677
1092	0	2.7137SLL+1.3CF	-10.0750	-11.3908	-6.5106	-8.7582	-13.6394	0.0000	0.0000	-13.6394
1092	0	2.7137SLL+1.3CF	8.4668	11.0331	7.9801	3.9006	8.9539	0.0000	0.0000	11.0331

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1092	1	2.7137SLL+1.3CF	-10.0750	-9.3953	-11.2430	-10.7547	-8.9071	0.0000	0.0000	-11.2430
1092	1	2.7137SLL+1.3CF	8.4668	7.2892	8.0291	9.9644	7.9045	0.0000	0.0000	9.9644
1093	0	2.7137SLL+1.3CF	-1.0256	-0.6000	-0.1640	-2.8130	0.0000	0.0000	0.0000	-2.8130
1093	0	2.7137SLL+1.3CF	2.2051	3.2697	2.5577	0.8639	0.0000	0.0000	0.0000	3.2697
1093	1	2.7137SLL+1.3CF	-1.0256	-1.1046	-1.2622	-0.8202	0.0000	0.0000	0.0000	-1.2622
1093	1	2.7137SLL+1.3CF	2.2051	1.6022	2.1670	2.8191	0.0000	0.0000	0.0000	2.8191
1094	0	2.7137SLL+1.3CF	-1.9957	-2.2366	-2.3788	-1.2269	0.0000	0.0000	0.0000	-2.3788
1094	0	2.7137SLL+1.3CF	0.9756	0.4964	0.6843	1.5807	0.0000	0.0000	0.0000	1.5807
1094	1	2.7137SLL+1.3CF	-1.9957	-1.7207	-0.9712	-3.6848	0.0000	0.0000	0.0000	-3.6848
1094	1	2.7137SLL+1.3CF	0.9756	1.8339	1.4833	-0.5974	0.0000	0.0000	0.0000	1.8339
1095	0	2.7137SLL+1.3CF	-1.1988	-0.0799	0.0799	-1.6890	-1.6890	0.0000	0.0000	-1.6890
1095	0	2.7137SLL+1.3CF	1.2111	-0.3069	-0.2069	1.8068	1.8068	0.0000	0.0000	1.8068
1095	1	2.7137SLL+1.3CF	-1.1988	-1.8714	-1.8714	-0.8294	-0.8294	0.0000	0.0000	-1.8714
1095	1	2.7137SLL+1.3CF	1.2111	2.0864	2.0864	0.8391	0.8391	0.0000	0.0000	2.0864
1096	0	2.7137SLL+1.3CF	-2.8182	-2.0740	-2.0740	-3.1322	-3.1322	0.0000	0.0000	-3.1322
1096	0	2.7137SLL+1.3CF	1.2539	1.1054	1.1054	1.3158	1.3158	0.0000	0.0000	1.3158
1096	1	2.7137SLL+1.3CF	-2.8182	-2.5458	-2.5458	-2.9341	-2.9341	0.0000	0.0000	-2.9341
1096	1	2.7137SLL+1.3CF	1.2539	0.7617	0.7617	1.4598	1.4598	0.0000	0.0000	1.4598
1098	0	2.7137SLL+1.3CF	-9.1897	-1.6070	-6.8729	-14.7723	-7.4064	0.0000	0.0000	-14.7723
1098	0	2.7137SLL+1.3CF	9.0875	9.6219	11.3869	7.3531	4.7791	0.0000	0.0000	11.3869
1098	1	2.7137SLL+1.3CF	-9.1897	-11.8452	-10.6143	-4.5341	-5.7950	0.0000	0.0000	-11.8452
1098	1	2.7137SLL+1.3CF	9.0875	6.4483	8.5859	9.7257	9.5791	0.0000	0.0000	9.7257
1099	0	2.7137SLL+1.3CF	-9.1857	-7.4581	-8.4677	-10.8732	-8.8636	0.0000	0.0000	-10.8732
1099	0	2.7137SLL+1.3CF	9.4837	8.0060	8.8018	10.8615	9.1858	0.0000	0.0000	10.8615
1099	1	2.7137SLL+1.3CF	-9.1857	-11.8304	-8.3075	-6.5009	-10.0239	0.0000	0.0000	-11.8304
1099	1	2.7137SLL+1.3CF	9.4837	11.3296	7.0899	7.8378	11.6798	0.0000	0.0000	11.6798
1101	0	2.7137SLL+1.3CF	-9.4406	-9.0666	-5.3060	-10.0203	-11.3811	0.0000	0.0000	-11.3811
1101	0	2.7137SLL+1.3CF	7.1037	8.5191	8.8814	5.8883	5.5460	0.0000	0.0000	8.8814
1101	1	2.7137SLL+1.3CF	-9.4406	-11.7759	-10.1783	-5.1112	-6.7089	0.0000	0.0000	-11.7759
1101	1	2.7137SLL+1.3CF	7.1037	5.0478	8.2798	9.1598	7.9284	0.0000	0.0000	9.1598
1102	0	2.7137SLL+1.3CF	-9.4413	-9.4953	-4.9669	-9.3671	-11.8135	0.0000	0.0000	-11.8135
1102	0	2.7137SLL+1.3CF	9.8692	12.2181	7.9681	7.1203	11.3503	0.0000	0.0000	12.2181
1102	1	2.7137SLL+1.3CF	-9.4412	-12.3082	-7.2506	-4.5762	-9.8318	0.0000	0.0000	-12.3082
1102	1	2.7137SLL+1.3CF	9.8692	11.8764	5.6002	7.4620	13.4862	0.0000	0.0000	13.4862

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1104	0	2.7137SLL+1.3CF	-6.5665	-7.1902	-6.8656	-6.9377	-11.2673	0.0000	0.0000	-11.2673
1104	0	2.7137SLL+1.3CF	6.1153	6.3099	6.5408	5.9211	5.8888	0.0000	0.0000	6.5408
1104	1	2.7137SLL+1.3CF	-6.5665	-10.0582	-11.4777	-7.0747	-6.6552	0.0000	0.0000	-11.4777
1104	1	2.7137SLL+1.3CF	6.1153	5.9628	7.1816	6.2898	5.0490	0.0000	0.0000	7.1816
1105	0	2.7137SLL+1.3CF	-7.5575	-8.2653	-3.2128	-6.8467	-11.9022	0.0000	0.0000	-11.9022
1105	0	2.7137SLL+1.3CF	9.8351	12.8895	6.4386	8.9807	13.0316	0.0000	0.0000	13.0316
1105	1	2.7137SLL+1.3CF	-7.5575	-10.7783	-7.8401	-4.3367	-7.2749	0.0000	0.0000	-10.7783
1105	1	2.7137SLL+1.3CF	9.8351	12.0213	8.5225	7.8488	11.1477	0.0000	0.0000	12.0213
1107	0	2.7137SLL+1.3CF	-4.8218	-2.7187	-5.1835	-7.1245	-4.8567	0.0000	0.0000	-7.1245
1107	0	2.7137SLL+1.3CF	3.3010	3.2916	3.5137	4.3106	3.0884	0.0000	0.0000	4.3106
1107	1	2.7137SLL+1.3CF	-4.8218	-5.1122	-6.0273	-4.7310	-3.8158	0.0000	0.0000	-6.0273
1107	1	2.7137SLL+1.3CF	3.3010	3.6268	3.4475	2.9753	3.1548	0.0000	0.0000	3.6268
1108	0	2.7137SLL+1.3CF	-6.5624	-6.2670	-3.3307	-6.8579	-9.7943	0.0000	0.0000	-9.7943
1108	0	2.7137SLL+1.3CF	9.3465	10.0212	8.9520	8.8718	12.1411	0.0000	0.0000	12.1411
1108	1	2.7137SLL+1.3CF	-6.5624	-6.4784	-6.9794	-6.8465	-4.1455	0.0000	0.0000	-6.9794
1108	1	2.7137SLL+1.3CF	9.3465	8.1189	11.8365	10.3742	7.0566	0.0000	0.0000	11.8365
1109	0	2.7137SLL+1.3CF	-0.7784	-0.1975	-0.5545	-1.6682	0.0000	0.0000	0.0000	-1.6682
1109	0	2.7137SLL+1.3CF	2.2589	2.0186	2.3662	2.3065	0.0000	0.0000	0.0000	2.3662
1109	1	2.7137SLL+1.3CF	-0.7784	-1.1003	-1.0700	-0.0039	0.0000	0.0000	0.0000	-1.1003
1109	1	2.7137SLL+1.3CF	2.2589	2.4081	2.2359	2.1411	0.0000	0.0000	0.0000	2.4081
1110	0	2.7137SLL+1.3CF	-3.1512	-2.1441	-2.4033	-5.1907	0.0000	0.0000	0.0000	-5.1907
1110	0	2.7137SLL+1.3CF	0.8283	0.5701	0.8637	0.8377	0.0000	0.0000	0.0000	0.8637
1110	1	2.7137SLL+1.3CF	-3.1512	-3.8971	-3.8590	-1.8283	0.0000	0.0000	0.0000	-3.8590
1110	1	2.7137SLL+1.3CF	0.8283	0.4268	0.8486	0.8008	0.0000	0.0000	0.0000	0.8008
1111	0	2.7137SLL+1.3CF	-0.4505	-0.0177	-0.0177	-0.8323	-0.8323	0.0000	0.0000	-0.8323
1111	0	2.7137SLL+1.3CF	0.7023	0.8722	0.8722	0.6009	0.6009	0.0000	0.0000	0.8722
1111	1	2.7137SLL+1.3CF	-0.4505	-0.5768	-0.5768	-0.3974	-0.3974	0.0000	0.0000	-0.5768
1111	1	2.7137SLL+1.3CF	0.7023	0.1527	0.1527	0.9332	0.9332	0.0000	0.0000	0.9332
1112	0	2.7137SLL+1.3CF	-2.9367	-2.1024	-2.1024	-3.2872	-3.2872	0.0000	0.0000	-3.2872
1112	0	2.7137SLL+1.3CF	1.7504	1.9679	1.9679	1.6690	1.6690	0.0000	0.0000	1.9679
1112	1	2.7137SLL+1.3CF	-2.9367	-2.8730	-2.8730	-2.9634	-2.9634	0.0000	0.0000	-2.9634
1112	1	2.7137SLL+1.3CF	1.7504	1.1235	1.1235	2.0137	2.0137	0.0000	0.0000	2.0137
1114	0	2.7137SLL+1.3CF	-3.3615	-2.6107	-4.3424	-4.1124	-2.3807	0.0000	0.0000	-4.3424
1114	0	2.7137SLL+1.3CF	2.1990	1.9148	2.8188	2.4839	1.5791	0.0000	0.0000	2.8188

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1114	1	2.7137SLL+1.3CF	-3.3615	-3.4975	-3.3021	-3.2256	-3.4209	0.0000	0.0000	-3.4975
1114	1	2.7137SLL+1.3CF	2.1990	2.0886	2.2134	2.3294	2.1846	0.0000	0.0000	2.3294
1115	0	2.7137SLL+1.3CF	-5.5013	-3.4179	-5.3196	-7.5650	-5.8834	0.0000	0.0000	-7.5650
1115	0	2.7137SLL+1.3CF	8.8126	8.0495	8.1655	11.1758	8.0597	0.0000	0.0000	11.1758
1115	1	2.7137SLL+1.3CF	-5.5015	-7.4416	-5.7730	-3.5814	-5.2309	0.0000	0.0000	-7.4416
1115	1	2.7137SLL+1.3CF	8.8126	10.9079	8.1250	6.3174	9.1003	0.0000	0.0000	10.9079
1117	0	2.7137SLL+1.3CF	-2.8883	-3.2851	-3.0878	-2.8334	-2.8309	0.0000	0.0000	-3.2851
1117	0	2.7137SLL+1.3CF	1.8353	1.9843	2.1254	1.8883	1.5452	0.0000	0.0000	2.1254
1117	1	2.7137SLL+1.3CF	-2.8883	-2.7810	-3.0811	-3.1575	-2.8274	0.0000	0.0000	-3.1575
1117	1	2.7137SLL+1.3CF	1.8353	1.6242	1.8397	2.0464	1.8309	0.0000	0.0000	2.0464
1118	0	2.7137SLL+1.3CF	-4.8167	-4.3155	-2.8441	-5.3182	-6.8894	0.0000	0.0000	-6.8894
1118	0	2.7137SLL+1.3CF	7.8912	7.8886	5.2501	7.3837	10.0902	0.0000	0.0000	10.0902
1118	1	2.7137SLL+1.3CF	-4.8167	-7.3649	-4.6837	-2.2858	-4.8496	0.0000	0.0000	-7.3649
1118	1	2.7137SLL+1.3CF	7.8912	10.9450	8.3832	4.5373	9.0191	0.0000	0.0000	10.9450
1120	0	2.7137SLL+1.3CF	-2.8364	-2.8308	-3.2445	-2.8423	-2.4283	0.0000	0.0000	-3.2445
1120	0	2.7137SLL+1.3CF	1.5746	1.6586	1.8710	1.4908	1.2791	0.0000	0.0000	1.8710
1120	1	2.7137SLL+1.3CF	-2.8364	-2.7998	-2.8028	-2.8990	-2.8701	0.0000	0.0000	-2.8990
1120	1	2.7137SLL+1.3CF	1.5746	1.3460	1.6062	1.8031	1.5430	0.0000	0.0000	1.8031
1121	0	2.7137SLL+1.3CF	-4.0870	-4.0742	-1.3903	-4.1158	-6.8037	0.0000	0.0000	-6.8037
1121	0	2.7137SLL+1.3CF	7.0707	7.9360	3.4584	6.2054	10.6829	0.0000	0.0000	10.6829
1121	1	2.7137SLL+1.3CF	-4.0870	-6.1029	-4.6086	-2.0912	-3.5854	0.0000	0.0000	-6.1029
1121	1	2.7137SLL+1.3CF	7.0707	9.6817	7.0910	4.4596	7.0504	0.0000	0.0000	9.6817
1123	0	2.7137SLL+1.3CF	-2.5718	-2.7664	-2.8269	-2.3791	-2.3166	0.0000	0.0000	-2.8269
1123	0	2.7137SLL+1.3CF	1.2891	1.3466	1.6076	1.2295	0.9705	0.0000	0.0000	1.6076
1123	1	2.7137SLL+1.3CF	-2.5718	-2.3475	-2.6324	-2.7960	-2.5111	0.0000	0.0000	-2.7960
1123	1	2.7137SLL+1.3CF	1.2891	1.4375	0.9183	1.1408	1.6588	0.0000	0.0000	1.6588
1124	0	2.7137SLL+1.3CF	-3.4168	-3.0060	-1.5144	-3.8242	-5.3182	0.0000	0.0000	-5.3182
1124	0	2.7137SLL+1.3CF	6.5383	6.6900	4.0154	6.3717	9.0553	0.0000	0.0000	9.0553
1124	1	2.7137SLL+1.3CF	-3.4168	-3.4880	-5.0420	-3.3542	-1.7918	0.0000	0.0000	-5.0420
1124	1	2.7137SLL+1.3CF	6.5383	6.1224	8.8882	6.9483	4.3625	0.0000	0.0000	8.8882
1125	0	2.7137SLL+1.3CF	-0.9578	-0.4416	-0.6891	-1.8717	0.0000	0.0000	0.0000	-1.8717
1125	0	2.7137SLL+1.3CF	1.7633	1.8893	2.0084	1.5198	0.0000	0.0000	0.0000	2.0084
1125	1	2.7137SLL+1.3CF	-0.9578	-1.2827	-1.2881	-0.1764	0.0000	0.0000	0.0000	-1.2881
1125	1	2.7137SLL+1.3CF	1.7633	1.7483	1.5737	2.0412	0.0000	0.0000	0.0000	2.0412

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1126	0	2.7137SLL+1.3CF	-2.8040	-2.7236	-2.8573	-6.8954	0.0000	0.0000	0.0000	-6.8954
1126	0	2.7137SLL+1.3CF	0.5617	0.5520	0.5618	0.3435	0.0000	0.0000	0.0000	0.5618
1126	1	2.7137SLL+1.3CF	-2.8040	-3.9811	-4.1269	0.8750	0.0000	0.0000	0.0000	-4.1269
1126	1	2.7137SLL+1.3CF	0.5617	0.6001	0.6011	0.4688	0.0000	0.0000	0.0000	0.6011
1127	0	2.7137SLL+1.3CF	-0.1930	-0.2310	-0.2310	-0.2611	-0.2611	0.0000	0.0000	-0.2611
1127	0	2.7137SLL+1.3CF	0.3482	0.1158	0.1158	0.4472	0.4472	0.0000	0.0000	0.4472
1127	1	2.7137SLL+1.3CF	-0.1930	-0.2314	-0.2314	-0.1769	-0.1769	0.0000	0.0000	-0.2314
1127	1	2.7137SLL+1.3CF	0.3482	0.7976	0.7976	0.1808	0.1808	0.0000	0.0000	0.7976
1128	0	2.7137SLL+1.3CF	-2.3831	-1.7490	-1.7490	-2.8494	-2.8494	0.0000	0.0000	-2.8494
1128	0	2.7137SLL+1.3CF	1.0455	1.0177	1.0177	1.0572	1.0572	0.0000	0.0000	1.0572
1128	1	2.7137SLL+1.3CF	-2.3831	-2.3281	-2.3281	-2.4082	-2.4082	0.0000	0.0000	-2.4082
1128	1	2.7137SLL+1.3CF	1.0455	0.6287	0.6287	1.2206	1.2206	0.0000	0.0000	1.2206
1130	0	2.7137SLL+1.3CF	-2.1821	-1.6229	-3.3526	-2.7416	-1.3116	0.0000	0.0000	-3.3525
1130	0	2.7137SLL+1.3CF	1.0265	0.6900	1.7244	1.3629	0.3265	0.0000	0.0000	1.7244
1130	1	2.7137SLL+1.3CF	-2.1821	-2.1843	-1.8406	-2.1868	-2.5236	0.0000	0.0000	-2.5236
1130	1	2.7137SLL+1.3CF	1.0265	0.8152	0.8647	1.1337	1.1882	0.0000	0.0000	1.1882
1131	0	2.7137SLL+1.3CF	-2.5967	-1.2938	-1.9303	-3.8896	-3.2631	0.0000	0.0000	-3.8896
1131	0	2.7137SLL+1.3CF	5.3343	2.9196	4.6271	7.7486	6.0414	0.0000	0.0000	7.7486
1131	1	2.7137SLL+1.3CF	-2.5967	-4.0210	-3.4274	-1.1724	-1.7960	0.0000	0.0000	-4.0210
1131	1	2.7137SLL+1.3CF	5.3343	7.8120	6.5417	2.9585	4.1288	0.0000	0.0000	7.8120
1133	0	2.7137SLL+1.3CF	-1.4956	-2.0102	-1.6840	-0.9615	-1.3076	0.0000	0.0000	-2.0102
1133	0	2.7137SLL+1.3CF	0.8809	0.8674	0.8498	0.4644	0.5322	0.0000	0.0000	0.8674
1133	1	2.7137SLL+1.3CF	-1.4956	-1.1672	-1.3667	-1.8245	-1.6229	0.0000	0.0000	-1.8245
1133	1	2.7137SLL+1.3CF	0.8809	0.5071	0.6172	0.8747	0.7646	0.0000	0.0000	0.8747
1134	0	2.7137SLL+1.3CF	-1.8819	-0.7646	-0.1684	-2.8994	-3.5954	0.0000	0.0000	-3.5954
1134	0	2.7137SLL+1.3CF	4.1042	2.2013	0.9378	6.0072	7.2709	0.0000	0.0000	7.2709
1134	1	2.7137SLL+1.3CF	-1.8819	-3.6077	-2.9034	-0.1561	-0.9805	0.0000	0.0000	-3.6077
1134	1	2.7137SLL+1.3CF	4.1042	7.6574	5.7492	3.5511	2.4593	0.0000	0.0000	7.6574
1136	0	2.7137SLL+1.3CF	-1.1320	-1.4988	-1.5826	-0.7674	-0.5614	0.0000	0.0000	-1.6826
1136	0	2.7137SLL+1.3CF	0.5003	0.6576	0.7039	0.3430	0.2367	0.0000	0.0000	0.7039
1136	1	2.7137SLL+1.3CF	-1.1320	-0.6807	-0.6908	-1.5834	-1.5734	0.0000	0.0000	-1.5834
1136	1	2.7137SLL+1.3CF	0.5003	0.2369	0.3424	0.7642	0.6562	0.0000	0.0000	0.7642
1137	0	2.7137SLL+1.3CF	-1.1364	-0.2196	0.4958	-2.0571	-2.7635	0.0000	0.0000	-2.7635
1137	0	2.7137SLL+1.3CF	2.1368	0.6849	-0.7176	3.5884	4.8908	0.0000	0.0000	4.8906

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1137	1	2.7137SLL+1.3CF	-1.1364	-2.3073	-2.2346	0.0308	-0.0421	0.0000	0.0000	-2.3073
1137	1	2.7137SLL+1.3CF	2.1368	4.5141	3.7578	-0.2409	0.5158	0.0000	0.0000	4.5141
1139	0	2.7137SLL+1.3CF	-0.2900	-0.4885	-0.5868	-0.0918	0.0168	0.0000	0.0000	-0.5869
1139	0	2.7137SLL+1.3CF	0.1298	0.1898	0.2040	0.0694	-0.0348	0.0000	0.0000	0.2040
1139	1	2.7137SLL+1.3CF	-0.2900	-0.8280	0.7306	0.2479	-1.3106	0.0000	0.0000	-1.3106
1139	1	2.7137SLL+1.3CF	0.1298	0.8049	-0.7947	-0.5457	1.0240	0.0000	0.0000	1.0240
1140	0	2.7137SLL+1.3CF	-0.5155	0.5330	0.6074	-1.5640	-1.8384	0.0000	0.0000	-1.8384
1140	0	2.7137SLL+1.3CF	0.9626	-0.7075	-1.4643	2.8827	3.4495	0.0000	0.0000	3.4495
1140	1	2.7137SLL+1.3CF	-0.5155	-0.9583	-1.8802	-0.0747	0.8592	0.0000	0.0000	-1.8802
1140	1	2.7137SLL+1.3CF	0.9626	2.4074	3.0462	-0.4522	-1.0610	0.0000	0.0000	3.0462
1141	0	2.7137SLL+1.3CF	-1.2679	-1.8249	-1.3885	-0.4720	0.0000	0.0000	0.0000	-1.8249
1141	0	2.7137SLL+1.3CF	0.5375	-0.5880	-0.7079	3.3798	0.0000	0.0000	0.0000	3.3798
1141	1	2.7137SLL+1.3CF	-1.2679	-0.5214	-1.0768	-2.2781	0.0000	0.0000	0.0000	-2.2781
1141	1	2.7137SLL+1.3CF	0.5375	1.5772	1.8174	-2.2706	0.0000	0.0000	0.0000	-2.2706
1142	0	2.7137SLL+1.3CF	-1.9867	1.1148	0.2428	-6.0981	0.0000	0.0000	0.0000	-6.0981
1142	0	2.7137SLL+1.3CF	0.8626	-1.3448	-0.9179	5.5278	0.0000	0.0000	0.0000	5.5278
1142	1	2.7137SLL+1.3CF	-1.9867	-4.8908	-3.8844	3.3283	0.0000	0.0000	0.0000	-4.8908
1143	1	2.7137SLL+1.3CF	0.8626	3.0513	2.4228	-3.4793	0.0000	0.0000	0.0000	-3.4793
1143	0	2.7137SLL+1.3CF	-0.0477	-0.2939	-0.2939	0.0658	0.0658	0.0000	0.0000	-0.2939
1143	0	2.7137SLL+1.3CF	0.1711	-0.0009	-0.0009	0.2434	0.2434	0.0000	0.0000	0.2434
1143	1	2.7137SLL+1.3CF	-0.0477	0.2718	0.2718	-0.1818	-0.1818	0.0000	0.0000	0.2718
1143	1	2.7137SLL+1.3CF	0.1711	0.2976	0.2976	0.1180	0.1180	0.0000	0.0000	0.2976
1144	0	2.7137SLL+1.3CF	-0.1436	-0.2327	-0.2327	-0.1061	-0.1061	0.0000	0.0000	-0.2327
1144	0	2.7137SLL+1.3CF	0.3018	0.3902	0.3902	0.2647	0.2647	0.0000	0.0000	0.3902
1144	1	2.7137SLL+1.3CF	-0.1436	-0.0481	-0.0481	-0.1837	-0.1837	0.0000	0.0000	-0.1837
1144	1	2.7137SLL+1.3CF	0.3018	0.2259	0.2259	0.3337	0.3337	0.0000	0.0000	0.3337
1146	0	2.7137SLL+1.3CF	-4.0256	-3.0810	-6.2795	-1.8093	0.0000	0.0000	0.0000	-6.2795
1146	0	2.7137SLL+1.3CF	1.1298	2.6117	2.6074	-2.4024	0.0000	0.0000	0.0000	2.6117
1146	1	2.7137SLL+1.3CF	-4.0256	-3.0463	-2.6806	-6.8615	0.0000	0.0000	0.0000	-6.8615
1146	1	2.7137SLL+1.3CF	1.1298	-0.5650	-0.2466	4.7139	0.0000	0.0000	0.0000	4.7139
1147	0	2.7137SLL+1.3CF	-2.7042	-3.6345	-4.9582	1.5372	0.0000	0.0000	0.0000	-4.9582
1147	0	2.7137SLL+1.3CF	1.0585	2.4191	2.8078	-2.7168	0.0000	0.0000	0.0000	2.8078
1147	1	2.7137SLL+1.3CF	-2.7042	-2.0923	-0.3948	-6.5041	0.0000	0.0000	0.0000	-6.5041
1147	1	2.7137SLL+1.3CF	1.0585	-0.3090	-0.9401	5.2145	0.0000	0.0000	0.0000	5.2145

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1148	0	2.7137SLL+1.3CF	-0.0222	-0.0560	-0.0560	-0.0081	-0.0081	0.0000	0.0000	-0.0560
1148	0	2.7137SLL+1.3CF	0.2153	0.4231	0.4231	0.1284	0.1284	0.0000	0.0000	0.4231
1148	1	2.7137SLL+1.3CF	-0.0222	-0.0545	-0.0545	-0.0087	-0.0087	0.0000	0.0000	-0.0545
1148	1	2.7137SLL+1.3CF	0.2153	0.2797	0.2797	0.1662	0.1662	0.0000	0.0000	0.2797
1149	0	2.7137SLL+1.3CF	-0.3031	-0.3760	-0.3760	-0.2725	-0.2725	0.0000	0.0000	-0.3760
1149	0	2.7137SLL+1.3CF	0.7474	0.8245	0.8245	0.7990	0.7990	0.0000	0.0000	0.7990
1149	1	2.7137SLL+1.3CF	-0.3031	-0.3415	-0.3415	-0.3289	-0.3289	0.0000	0.0000	-0.3289
1149	1	2.7137SLL+1.3CF	0.7474	0.8747	0.8747	0.7779	0.7779	0.0000	0.0000	0.7779
1151	0	2.7137SLL+1.3CF	-0.3675	-0.3477	0.2985	-0.3673	-1.0335	0.0000	0.0000	-1.0335
1151	0	2.7137SLL+1.3CF	0.2240	0.5894	-0.4893	-0.1215	0.9473	0.0000	0.0000	0.9473
1151	1	2.7137SLL+1.3CF	-0.3675	-0.3647	-1.0214	-0.3704	0.2864	0.0000	0.0000	-1.0214
1151	1	2.7137SLL+1.3CF	0.2240	0.2312	0.5252	0.2168	-0.0773	0.0000	0.0000	0.5252
1152	0	2.7137SLL+1.3CF	-1.2224	-1.2704	-1.8186	-1.1744	-0.6263	0.0000	0.0000	-1.8186
1152	0	2.7137SLL+1.3CF	1.8255	3.9887	4.5924	-0.1377	-0.7414	0.0000	0.0000	4.5924
1152	1	2.7137SLL+1.3CF	-1.2224	-0.8226	-0.0535	-1.6223	-2.3914	0.0000	0.0000	-2.3914
1152	1	2.7137SLL+1.3CF	1.8255	-0.1010	-1.7274	3.9520	5.5784	0.0000	0.0000	5.5784
1154	0	2.7137SLL+1.3CF	-1.7028	-0.8514	-1.4290	-2.7539	-1.9763	0.0000	0.0000	-2.7539
1154	0	2.7137SLL+1.3CF	0.7186	0.3043	0.5708	1.1288	0.8627	0.0000	0.0000	1.1288
1154	1	2.7137SLL+1.3CF	-1.7028	-2.2325	-2.4591	-1.1728	-0.9481	0.0000	0.0000	-2.4591
1154	1	2.7137SLL+1.3CF	0.7186	0.9846	0.9926	0.4485	0.4405	0.0000	0.0000	0.9926
1155	0	2.7137SLL+1.3CF	-1.7408	-3.1807	-2.4118	-0.3008	-1.0697	0.0000	0.0000	-3.1807
1155	0	2.7137SLL+1.3CF	3.8220	7.5371	5.8268	-0.2931	1.4174	0.0000	0.0000	7.5371
1155	1	2.7137SLL+1.3CF	-1.7408	-1.1803	0.1848	-2.3012	-3.6784	0.0000	0.0000	-3.6784
1155	1	2.7137SLL+1.3CF	3.8220	1.6575	-1.0523	5.5845	8.2962	0.0000	0.0000	8.2962
1157	0	2.7137SLL+1.3CF	-1.9846	-1.6156	-1.8489	-2.3504	-2.1202	0.0000	0.0000	-2.3504
1157	0	2.7137SLL+1.3CF	0.9087	0.7572	0.7693	1.0601	1.0481	0.0000	0.0000	1.0601
1157	1	2.7137SLL+1.3CF	-1.9846	-2.1820	-2.6430	-1.7871	-1.3261	0.0000	0.0000	-2.6430
1157	1	2.7137SLL+1.3CF	0.9087	1.1329	1.1237	0.6845	0.6836	0.0000	0.0000	1.1329
1158	0	2.7137SLL+1.3CF	-2.5007	-4.6073	-3.2898	-0.3941	-1.7316	0.0000	0.0000	-4.6073
1158	0	2.7137SLL+1.3CF	5.4083	9.8234	7.2310	0.9533	3.8456	0.0000	0.0000	9.8234
1158	1	2.7137SLL+1.3CF	-2.5007	-1.4110	-0.5839	-3.5904	-4.4375	0.0000	0.0000	-4.4375
1158	1	2.7137SLL+1.3CF	5.4083	3.0932	1.7553	7.7834	9.1213	0.0000	0.0000	9.1213
1160	0	2.7137SLL+1.3CF	-3.7322	-2.2941	-2.7328	-3.1803	-2.7115	0.0000	0.0000	-3.1803
1160	0	2.7137SLL+1.3CF	1.3408	1.1529	1.1784	1.4987	1.5032	0.0000	0.0000	1.5032

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1160	1	2.7137SLL+1.3CF	-2.7232	-3.1187	-3.0881	-2.3247	-2.3662	0.0000	0.0000	-3.1187
1160	1	2.7137SLL+1.3CF	1.3408	1.2515	1.8164	1.4301	0.7852	0.0000	0.0000	1.8164
1161	0	2.7137SLL+1.3CF	-5.5360	-4.8197	-4.3832	-2.1522	-2.5888	0.0000	0.0000	-4.9197
1161	0	2.7137SLL+1.3CF	7.0885	8.6405	8.3658	4.4675	5.7512	0.0000	0.0000	9.6405
1161	1	2.7137SLL+1.3CF	-3.5360	-2.0208	-3.7723	-5.0911	-3.2996	0.0000	0.0000	-5.0511
1161	1	2.7137SLL+1.3CF	7.0885	4.0665	7.4673	10.0479	6.8569	0.0000	0.0000	10.0479
1162	0	2.7137SLL+1.3CF	-2.8850	-1.4805	-4.3857	-1.5347	0.0000	0.0000	0.0000	-4.3857
1162	0	2.7137SLL+1.3CF	1.6051	1.3668	1.5806	1.8747	0.0000	0.0000	0.0000	1.8747
1162	1	2.7137SLL+1.3CF	-2.8850	-2.8398	-1.9991	-4.2841	0.0000	0.0000	0.0000	-4.2841
1162	1	2.7137SLL+1.3CF	1.6051	1.6048	1.5308	1.5083	0.0000	0.0000	0.0000	1.6048
1163	0	2.7137SLL+1.3CF	-1.8184	-2.3984	-2.4918	-0.2120	0.0000	0.0000	0.0000	-2.4918
1163	0	2.7137SLL+1.3CF	1.8514	1.3917	1.0451	3.5239	0.0000	0.0000	0.0000	3.5239
1163	1	2.7137SLL+1.3CF	-1.8184	-1.3607	-1.3226	-2.9539	0.0000	0.0000	0.0000	-2.9539
1163	1	2.7137SLL+1.3CF	1.8514	2.9673	2.2565	0.1562	0.0000	0.0000	0.0000	2.9673
1164	0	2.7137SLL+1.3CF	-0.2109	-0.0689	-0.0689	-0.2705	-0.2705	0.0000	0.0000	-0.2705
1164	0	2.7137SLL+1.3CF	0.4323	0.0827	0.0827	0.5750	0.5750	0.0000	0.0000	0.5750
1164	1	2.7137SLL+1.3CF	-0.2109	-0.1688	-0.1688	-0.2285	-0.2285	0.0000	0.0000	-0.2285
1164	1	2.7137SLL+1.3CF	0.4323	0.6148	0.6148	0.3557	0.3557	0.0000	0.0000	0.6148
1165	0	2.7137SLL+1.3CF	-1.1313	-1.1555	-1.1555	-1.1211	-1.1211	0.0000	0.0000	-1.1555
1165	0	2.7137SLL+1.3CF	0.2787	0.5350	0.5350	0.1710	0.1710	0.0000	0.0000	0.5350
1165	1	2.7137SLL+1.3CF	-1.1313	-0.3798	-0.3798	-1.4475	-1.4475	0.0000	0.0000	-1.4475
1165	1	2.7137SLL+1.3CF	0.2787	-0.0134	-0.0134	0.4014	0.4014	0.0000	0.0000	0.4014
1167	0	2.7137SLL+1.3CF	-3.2060	-3.2128	-2.7779	-3.0993	-3.6342	0.0000	0.0000	-3.6342
1167	0	2.7137SLL+1.3CF	1.6729	1.5841	1.4673	1.7617	1.6785	0.0000	0.0000	1.6785
1167	1	2.7137SLL+1.3CF	-3.2060	-3.3453	-3.7418	-3.0668	-2.6702	0.0000	0.0000	-3.7418
1167	1	2.7137SLL+1.3CF	1.6729	1.8257	2.0125	1.3202	1.3334	0.0000	0.0000	2.0125
1168	0	2.7137SLL+1.3CF	-4.7111	-4.1298	-6.2969	-5.2835	-3.1252	0.0000	0.0000	-6.2969
1168	0	2.7137SLL+1.3CF	8.4962	7.2393	11.0286	8.7831	5.9636	0.0000	0.0000	11.0286
1168	1	2.7137SLL+1.3CF	-4.7111	-4.4182	-2.8025	-5.0039	-6.8186	0.0000	0.0000	-6.8186
1168	1	2.7137SLL+1.3CF	8.4962	8.6878	5.3119	8.3047	11.4805	0.0000	0.0000	11.4805
1170	0	2.7137SLL+1.3CF	-3.0153	-2.9970	-3.8310	-4.0338	-3.1996	0.0000	0.0000	-4.0338
1170	0	2.7137SLL+1.3CF	2.0646	1.8316	2.0102	2.2773	2.0868	0.0000	0.0000	2.2773
1170	1	2.7137SLL+1.3CF	-3.0153	-3.6295	-4.0707	-3.4011	-2.9599	0.0000	0.0000	-4.0707
1170	1	2.7137SLL+1.3CF	2.0646	2.1720	2.4336	1.8071	1.8752	0.0000	0.0000	2.4336

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1171	0	2.7137SLL+1.3CF	-5.5065	-6.0266	-6.2110	-2.9864	-4.8021	0.0000	0.0000	-6.0266
1171	0	2.7137SLL+1.3CF	9.1253	12.5357	9.4864	5.7168	8.7542	0.0000	0.0000	12.5357
1171	1	2.7137SLL+1.3CF	-5.5065	-5.3810	-2.1477	-5.6321	-6.5653	0.0000	0.0000	-6.6653
1171	1	2.7137SLL+1.3CF	9.1253	8.8630	4.4686	8.3876	13.7620	0.0000	0.0000	13.7620
1173	0	2.7137SLL+1.3CF	-3.8556	-3.6037	-4.0471	-4.1075	-3.6640	0.0000	0.0000	-4.1075
1173	0	2.7137SLL+1.3CF	2.3646	2.1263	2.3834	2.6410	2.3758	0.0000	0.0000	2.6410
1173	1	2.7137SLL+1.3CF	-3.8556	-4.0387	-4.1667	-3.6525	-3.5445	0.0000	0.0000	-4.1667
1173	1	2.7137SLL+1.3CF	2.3646	2.6358	2.6857	2.1335	2.0836	0.0000	0.0000	2.6857
1174	0	2.7137SLL+1.3CF	-6.4305	-6.5876	-6.3660	-3.2633	-6.4648	0.0000	0.0000	-6.5876
1174	0	2.7137SLL+1.3CF	10.1474	14.0628	8.6110	6.2318	11.6837	0.0000	0.0000	14.0628
1174	1	2.7137SLL+1.3CF	-6.4305	-5.5012	-3.8747	-7.3597	-6.8663	0.0000	0.0000	-6.8663
1174	1	2.7137SLL+1.3CF	10.1474	10.3512	7.5341	8.9436	12.7936	0.0000	0.0000	12.7936
1176	0	2.7137SLL+1.3CF	-4.4746	-4.4934	-4.8183	-4.4558	-4.3328	0.0000	0.0000	-4.8183
1176	0	2.7137SLL+1.3CF	2.8853	2.7714	2.8262	2.9992	2.9444	0.0000	0.0000	2.9992
1176	1	2.7137SLL+1.3CF	-4.4746	-4.5131	-4.8488	-4.4361	-4.3004	0.0000	0.0000	-4.8488
1176	1	2.7137SLL+1.3CF	2.8853	2.7250	3.5311	3.0456	2.2398	0.0000	0.0000	3.5311
1177	0	2.7137SLL+1.3CF	-7.2753	-8.3673	-7.7428	-6.1832	-8.8077	0.0000	0.0000	-9.3673
1177	0	2.7137SLL+1.3CF	10.6428	13.6258	9.8127	8.6594	11.4724	0.0000	0.0000	12.6258
1177	1	2.7137SLL+1.3CF	-7.2753	-4.3879	-7.8583	-10.1626	-6.6822	0.0000	0.0000	-10.1626
1177	1	2.7137SLL+1.3CF	10.6428	7.2340	12.3661	14.0512	8.8871	0.0000	0.0000	14.0512
1178	0	2.7137SLL+1.3CF	-3.0827	-0.8214	-4.2530	-3.7298	0.0000	0.0000	0.0000	-4.2530
1178	0	2.7137SLL+1.3CF	2.2745	1.9409	2.1206	2.8205	0.0000	0.0000	0.0000	2.8205
1178	1	2.7137SLL+1.3CF	-3.0827	-3.9056	-2.5062	-3.0515	0.0000	0.0000	0.0000	-3.9056
1178	1	2.7137SLL+1.3CF	2.2745	2.6029	2.2567	1.9706	0.0000	0.0000	0.0000	2.6029
1179	0	2.7137SLL+1.3CF	-2.1866	-2.5906	-2.7173	-1.0839	0.0000	0.0000	0.0000	-2.7173
1179	0	2.7137SLL+1.3CF	2.4074	1.8836	1.8702	3.7026	0.0000	0.0000	0.0000	3.7026
1179	1	2.7137SLL+1.3CF	-2.1866	-1.8068	-1.8419	-3.0840	0.0000	0.0000	0.0000	-3.0840
1179	1	2.7137SLL+1.3CF	2.4074	3.7226	2.4056	1.0949	0.0000	0.0000	0.0000	3.7226
1180	0	2.7137SLL+1.3CF	-0.5631	-0.2737	-0.2737	-0.8846	-0.8846	0.0000	0.0000	-0.8846
1180	0	2.7137SLL+1.3CF	0.6776	0.0324	0.0324	0.9496	0.9496	0.0000	0.0000	0.9496
1180	1	2.7137SLL+1.3CF	-0.5631	-0.6220	-0.6220	-0.5393	-0.5393	0.0000	0.0000	-0.6220
1180	1	2.7137SLL+1.3CF	0.6776	0.9732	0.9732	0.5534	0.5534	0.0000	0.0000	0.9732
1181	0	2.7137SLL+1.3CF	-1.5321	-1.3620	-1.3620	-1.5952	-1.5952	0.0000	0.0000	-1.5952
1181	0	2.7137SLL+1.3CF	0.7594	0.0827	0.0827	1.0395	1.0395	0.0000	0.0000	1.0395

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1181	1	2.7137SLL+1.3CF	-1.5321	-0.7832	-0.7832	-1.8467	-1.8467	0.0000	0.0000	-1.8467
1181	1	2.7137SLL+1.3CF	0.7594	1.0177	1.0177	0.6509	0.6509	0.0000	0.0000	1.0177
1183	0	2.7137SLL+1.3CF	-6.7274	-7.7502	-7.3813	-5.7047	-6.0730	0.0000	0.0000	-7.7502
1183	0	2.7137SLL+1.3CF	4.2964	4.3980	4.7349	4.1937	3.8578	0.0000	0.0000	4.7349
1183	1	2.7137SLL+1.3CF	-6.7274	-5.5154	-5.3835	-7.9395	-6.0714	0.0000	0.0000	-6.0714
1183	1	2.7137SLL+1.3CF	4.2964	3.1332	4.5883	5.4595	4.0265	0.0000	0.0000	5.4595
1184	0	2.7137SLL+1.3CF	-6.6818	-7.9534	-11.7827	-9.4103	-5.5810	0.0000	0.0000	-11.7827
1184	0	2.7137SLL+1.3CF	12.0719	10.1654	15.3075	13.8784	8.8362	0.0000	0.0000	15.3075
1184	1	2.7137SLL+1.3CF	-6.6818	-8.2417	-4.9320	-9.1220	-12.4316	0.0000	0.0000	-12.4316
1184	1	2.7137SLL+1.3CF	12.0719	12.7072	8.7330	11.4365	15.4107	0.0000	0.0000	15.4107
1186	0	2.7137SLL+1.3CF	-11.0647	-14.6011	-13.9116	-7.5283	-8.2177	0.0000	0.0000	-14.6011
1186	0	2.7137SLL+1.3CF	7.4871	7.4297	8.8805	7.9446	6.5138	0.0000	0.0000	8.8805
1186	1	2.7137SLL+1.3CF	-11.0647	-8.5932	-9.0570	-15.5362	-13.0724	0.0000	0.0000	-15.5362
1186	1	2.7137SLL+1.3CF	7.4871	8.3701	6.0613	7.0042	7.3230	0.0000	0.0000	8.3701
1187	0	2.7137SLL+1.3CF	-9.9095	-13.8034	-10.4905	-6.0155	-9.3284	0.0000	0.0000	-13.8034
1187	0	2.7137SLL+1.3CF	12.6086	15.0296	11.0667	10.1874	14.1205	0.0000	0.0000	15.0296
1187	1	2.7137SLL+1.3CF	-9.9095	-10.3326	-4.5591	-9.2863	-15.2599	0.0000	0.0000	-15.2599
1187	1	2.7137SLL+1.3CF	12.6086	16.0429	8.8974	9.1743	16.3186	0.0000	0.0000	16.3186
1189	0	2.7137SLL+1.3CF	-10.9286	-9.6270	-20.8142	-12.2302	-0.9430	0.0000	0.0000	-20.8142
1189	0	2.7137SLL+1.3CF	9.0121	7.7916	7.4736	10.2326	10.5504	0.0000	0.0000	10.5504
1189	1	2.7137SLL+1.3CF	-10.9286	2.1022	-15.8250	-23.9594	-6.0322	0.0000	0.0000	-23.9594
1189	1	2.7137SLL+1.3CF	9.0121	11.3497	10.9772	8.5745	7.0470	0.0000	0.0000	11.3497
1190	0	2.7137SLL+1.3CF	-11.0518	-15.8243	-8.8806	-8.2789	-12.3428	0.0000	0.0000	-15.8243
1190	0	2.7137SLL+1.3CF	13.3336	14.6736	7.6133	9.7936	17.0538	0.0000	0.0000	17.0538
1190	1	2.7137SLL+1.3CF	-11.0518	-10.8518	-6.9401	-11.4514	-15.1630	0.0000	0.0000	-15.1630
1190	1	2.7137SLL+1.3CF	13.3336	15.2737	10.6564	9.3634	14.0108	0.0000	0.0000	15.2737
1192	0	2.7137SLL+1.3CF	-10.4445	-6.2101	-22.0860	-12.5759	1.1970	0.0000	0.0000	-22.0860
1192	0	2.7137SLL+1.3CF	10.2544	8.0748	7.7111	12.4340	12.7979	0.0000	0.0000	12.7979
1192	1	2.7137SLL+1.3CF	-10.4445	-14.7985	2.7889	-6.1326	-23.6759	0.0000	0.0000	-23.6759
1192	1	2.7137SLL+1.3CF	10.2544	11.1870	15.0040	9.3219	5.5049	0.0000	0.0000	15.0040
1193	0	2.7137SLL+1.3CF	-12.0780	-15.3875	-11.6624	-8.7885	-12.4738	0.0000	0.0000	-15.3875
1193	0	2.7137SLL+1.3CF	11.9491	13.4624	8.7540	10.4359	15.1443	0.0000	0.0000	15.1443
1193	1	2.7137SLL+1.3CF	-12.0780	-8.6279	-12.5865	-15.5282	-11.5698	0.0000	0.0000	-15.5282
1193	1	2.7137SLL+1.3CF	11.9491	10.5147	13.9605	13.6639	8.9577	0.0000	0.0000	13.9605

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1194	0	2.7137SLL+1.3CF	-3.2064	3.5557	-7.1024	-4.5808	0.0000	0.0000	0.0000	-7.1024
1194	0	2.7137SLL+1.3CF	2.1999	2.2267	0.0608	5.1258	0.0000	0.0000	0.0000	5.1258
1194	1	2.7137SLL+1.3CF	-3.2064	-6.8369	-1.6329	-1.9458	0.0000	0.0000	0.0000	-6.8369
1194	1	2.7137SLL+1.3CF	2.1999	2.0011	2.7602	1.5754	0.0000	0.0000	0.0000	2.7602
1195	0	2.7137SLL+1.3CF	-2.1923	-1.1169	-1.6049	-4.0785	0.0000	0.0000	0.0000	-4.0785
1195	0	2.7137SLL+1.3CF	2.0703	1.5312	3.3070	0.8024	0.0000	0.0000	0.0000	3.3070
1195	1	2.7137SLL+1.3CF	-2.1923	-4.2671	-3.2779	1.3810	0.0000	0.0000	0.0000	-4.2671
1195	1	2.7137SLL+1.3CF	2.0703	1.9363	0.2582	4.7054	0.0000	0.0000	0.0000	4.7054
1196	0	2.7137SLL+1.3CF	-0.9647	2.2408	2.2408	-2.3188	-2.3188	0.0000	0.0000	-2.3188
1196	0	2.7137SLL+1.3CF	0.4494	-2.2510	-2.2510	1.5839	1.5839	0.0000	0.0000	-2.2510
1196	1	2.7137SLL+1.3CF	-0.9647	-2.7456	-2.7456	-0.2165	-0.2165	0.0000	0.0000	-2.7456
1196	1	2.7137SLL+1.3CF	0.4494	2.1696	2.1696	-0.3817	-0.3817	0.0000	0.0000	2.1696
1197	0	2.7137SLL+1.3CF	-1.3935	-2.5523	-2.5523	-0.9067	-0.9067	0.0000	0.0000	-2.5523
1197	0	2.7137SLL+1.3CF	1.0578	0.1597	0.1597	1.4048	1.4048	0.0000	0.0000	1.4048
1197	1	2.7137SLL+1.3CF	-1.3935	0.0814	0.0814	-2.0006	-2.0006	0.0000	0.0000	-2.0006
1197	1	2.7137SLL+1.3CF	1.0578	1.2519	1.2519	0.9760	0.9760	0.0000	0.0000	1.2519
1198	0	2.7137SLL+1.3CF	-8.8518	-25.8378	-5.6814	9.9540	-14.0222	0.0000	0.0000	-25.8378
1198	0	2.7137SLL+1.3CF	11.0781	5.8895	10.8844	16.1628	11.2678	0.0000	0.0000	16.1628
1198	1	2.7137SLL+1.3CF	-8.8518	-4.5258	-12.5086	-24.2293	-7.1639	0.0000	0.0000	-24.2293
1198	1	2.7137SLL+1.3CF	11.0781	14.3362	14.0684	7.8180	8.0839	0.0000	0.0000	14.3362
1200	0	2.7137SLL+1.3CF	-13.2042	-11.9174	-16.1139	-14.4911	-10.2946	0.0000	0.0000	-16.1139
1200	0	2.7137SLL+1.3CF	10.8598	8.1241	12.0056	13.7956	9.9142	0.0000	0.0000	13.7956
1200	1	2.7137SLL+1.3CF	-13.2042	-14.1234	-9.0566	-12.2850	-17.3499	0.0000	0.0000	-17.3499
1200	1	2.7137SLL+1.3CF	10.8598	14.2733	10.3985	7.8484	11.5212	0.0000	0.0000	14.2733
1202	0	2.7137SLL+1.3CF	-8.5367	-15.8244	-14.7521	-1.3489	-2.3213	0.0000	0.0000	-15.8244
1202	0	2.7137SLL+1.3CF	12.0095	8.4141	8.1377	14.8048	14.8813	0.0000	0.0000	14.8813
1202	1	2.7137SLL+1.3CF	-8.5367	5.3817	-8.5946	-22.4360	-8.4787	0.0000	0.0000	-22.4360
1202	1	2.7137SLL+1.3CF	12.0095	15.5563	14.8371	8.4628	9.3820	0.0000	0.0000	15.5563
1203	0	2.7137SLL+1.3CF	-14.0009	-17.8536	-12.8793	-10.9482	-15.1225	0.0000	0.0000	-17.8536
1203	0	2.7137SLL+1.3CF	9.7191	8.8808	9.0677	10.5778	14.3705	0.0000	0.0000	14.3705
1203	1	2.7137SLL+1.3CF	-14.0009	-16.0879	-8.0360	-11.9139	-19.9638	0.0000	0.0000	-19.9638
1203	1	2.7137SLL+1.3CF	9.7191	15.4766	9.0530	3.9614	10.3852	0.0000	0.0000	15.4766
1205	0	2.7137SLL+1.3CF	-7.0140	-7.4115	-21.4117	-6.6166	7.3836	0.0000	0.0000	-21.4117
1205	0	2.7137SLL+1.3CF	12.9610	11.1066	10.1908	14.8154	15.7314	0.0000	0.0000	15.7314

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1205	1	2.7137SLL+1.3CF	-7.0140	8.7833	-8.2038	-22.7914	-5.8243	0.0000	0.0000	-22.7914
1205	1	2.7137SLL+1.3CF	12.9610	15.7820	15.2258	10.1600	10.6965	0.0000	0.0000	15.7820
1206	0	2.7137SLL+1.3CF	-14.8182	-20.3884	-12.2943	-8.4719	-17.5441	0.0000	0.0000	-20.3884
1206	0	2.7137SLL+1.3CF	7.9531	7.7323	1.8551	8.1736	14.2510	0.0000	0.0000	14.2510
1206	1	2.7137SLL+1.3CF	-14.8182	-15.1459	-10.8985	-14.6925	-19.1388	0.0000	0.0000	-19.1388
1206	1	2.7137SLL+1.3CF	7.9531	13.1400	9.2318	2.7681	6.6743	0.0000	0.0000	13.1400
1208	0	2.7137SLL+1.3CF	-4.7161	-3.2520	-19.9385	-6.1802	10.5063	0.0000	0.0000	-19.9385
1208	0	2.7137SLL+1.3CF	14.0039	12.8405	12.4134	15.0673	15.5844	0.0000	0.0000	15.5844
1208	1	2.7137SLL+1.3CF	-4.7161	-8.3090	12.9710	-0.0732	-22.4032	0.0000	0.0000	-22.4032
1208	1	2.7137SLL+1.3CF	14.0039	12.5752	16.1024	15.4328	9.9054	0.0000	0.0000	16.1024
1209	0	2.7137SLL+1.3CF	-15.8846	-19.6191	-15.1811	-12.1500	-16.5680	0.0000	0.0000	-19.6191
1209	0	2.7137SLL+1.3CF	6.3546	5.6456	1.8679	7.0640	10.8417	0.0000	0.0000	10.8417
1209	1	2.7137SLL+1.3CF	-15.8846	-10.5504	-16.7987	-21.2187	-14.8704	0.0000	0.0000	-21.2187
1209	1	2.7137SLL+1.3CF	6.3546	6.8560	8.7720	6.0536	3.6378	0.0000	0.0000	8.7720
1210	0	2.7137SLL+1.3CF	-3.1383	0.7468	-7.8417	-0.5333	0.0000	0.0000	0.0000	-7.8417
1210	0	2.7137SLL+1.3CF	1.6297	1.5481	0.3544	3.4715	0.0000	0.0000	0.0000	3.4715
1210	1	2.7137SLL+1.3CF	-3.1383	-5.1252	-0.8679	-4.2851	0.0000	0.0000	0.0000	-5.1252
1210	1	2.7137SLL+1.3CF	1.6297	1.3264	1.7562	1.7584	0.0000	0.0000	0.0000	1.7584
1211	0	2.7137SLL+1.3CF	-1.6546	-0.0452	-0.1781	-5.3021	0.0000	0.0000	0.0000	-5.3021
1211	0	2.7137SLL+1.3CF	2.0502	1.1953	3.0859	1.4819	0.0000	0.0000	0.0000	3.0859
1211	1	2.7137SLL+1.3CF	-1.6546	-4.2047	-3.6902	3.7046	0.0000	0.0000	0.0000	-4.2047
1211	1	2.7137SLL+1.3CF	2.0502	2.6831	1.2335	2.5446	0.0000	0.0000	0.0000	2.6831
1212	0	2.7137SLL+1.3CF	-1.1810	3.2490	3.2490	-3.0563	-3.0563	0.0000	0.0000	3.2490
1212	0	2.7137SLL+1.3CF	0.2522	-0.7615	-0.7615	0.6790	0.6790	0.0000	0.0000	-0.7615
1212	1	2.7137SLL+1.3CF	-1.1810	-3.8299	-3.8299	-0.0824	-0.0824	0.0000	0.0000	-3.8299
1212	1	2.7137SLL+1.3CF	0.2522	0.8110	0.8110	0.0174	0.0174	0.0000	0.0000	0.8110
1213	0	2.7137SLL+1.3CF	-1.1772	-3.6542	-3.6542	-0.1368	-0.1368	0.0000	0.0000	-3.6542
1213	0	2.7137SLL+1.3CF	1.2895	-0.0010	-0.0010	1.8259	1.8259	0.0000	0.0000	1.8259
1213	1	2.7137SLL+1.3CF	-1.1772	0.4589	0.4589	-1.8650	-1.8650	0.0000	0.0000	-1.8650
1213	1	2.7137SLL+1.3CF	1.2895	1.8839	1.8839	1.1181	1.1181	0.0000	0.0000	1.8839
1215	0	2.7137SLL+1.3CF	-3.4452	-21.5421	3.3675	14.8518	-10.2479	0.0000	0.0000	-21.5421
1215	0	2.7137SLL+1.3CF	14.8469	11.7478	16.3936	17.9481	11.3083	0.0000	0.0000	18.3856
1215	1	2.7137SLL+1.3CF	-3.4452	11.0067	-7.4188	-17.8990	0.5283	0.0000	0.0000	-17.8990
1215	1	2.7137SLL+1.3CF	14.8469	13.6148	13.6377	14.0791	16.0562	0.0000	0.0000	16.0562

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1216	0	2.7137SLL+1.3CF	-18.4547	-13.9258	-20.0656	-16.9837	-12.8437	0.0000	0.0000	-20.0656
1216	0	2.7137SLL+1.3CF	3.8182	1.3659	3.2362	6.4604	4.5961	0.0000	0.0000	6.4604
1216	1	2.7137SLL+1.3CF	-18.4547	-19.0256	-13.4578	-13.8857	-18.4515	0.0000	0.0000	-18.4515
1216	1	2.7137SLL+1.3CF	3.8182	6.9429	6.3080	0.6934	1.5263	0.0000	0.0000	6.9429
1218	0	2.7137SLL+1.3CF	-1.6725	-1.0113	-10.2320	-2.3336	6.8871	0.0000	0.0000	-10.2320
1218	0	2.7137SLL+1.3CF	10.3072	12.8907	11.8004	7.7238	8.7141	0.0000	0.0000	12.8907
1218	1	2.7137SLL+1.3CF	-1.6725	7.0899	-3.3121	-10.4348	-0.0328	0.0000	0.0000	-10.4348
1218	1	2.7137SLL+1.3CF	10.3072	9.9336	9.0480	10.6809	11.5885	0.0000	0.0000	11.5885
1219	0	2.7137SLL+1.3CF	-16.3769	-16.7186	-13.0980	-14.0351	-18.6547	0.0000	0.0000	-18.6547
1219	0	2.7137SLL+1.3CF	2.8120	1.8152	-0.2041	4.0087	5.8280	0.0000	0.0000	5.8280
1219	1	2.7137SLL+1.3CF	-16.3769	-20.2902	-12.8557	-12.4636	-22.0981	0.0000	0.0000	-22.0981
1219	1	2.7137SLL+1.3CF	2.8120	6.2189	3.5173	-0.5948	2.1066	0.0000	0.0000	6.2189
1221	0	2.7137SLL+1.3CF	-1.7663	-1.5892	-1.7468	-1.9433	-1.7657	0.0000	0.0000	-1.9433
1221	0	2.7137SLL+1.3CF	10.9169	12.6052	11.7305	9.2296	10.1033	0.0000	0.0000	12.6052
1221	1	2.7137SLL+1.3CF	-1.7663	-1.9072	-2.0973	-1.8254	-1.4352	0.0000	0.0000	-2.0973
1221	1	2.7137SLL+1.3CF	10.9169	10.7918	10.2318	11.0522	11.6020	0.0000	0.0000	11.6020
1222	0	2.7137SLL+1.3CF	-16.8315	-22.4018	-13.7050	-11.2612	-20.9580	0.0000	0.0000	-22.4018
1222	0	2.7137SLL+1.3CF	2.8307	4.0982	1.8052	1.1632	3.8562	0.0000	0.0000	4.0982
1222	1	2.7137SLL+1.3CF	-16.8315	-18.8505	-13.0072	-14.8125	-20.6558	0.0000	0.0000	-20.6558
1222	1	2.7137SLL+1.3CF	2.8307	3.3613	1.4461	1.9001	3.8153	0.0000	0.0000	3.8153
1224	0	2.7137SLL+1.3CF	-1.8201	-1.4742	-1.5055	-1.7960	-1.7346	0.0000	0.0000	-1.7960
1224	0	2.7137SLL+1.3CF	11.8523	15.3679	14.8269	8.3369	8.8777	0.0000	0.0000	15.3679
1224	1	2.7137SLL+1.3CF	-1.8201	-1.4366	-2.0034	-1.7835	-1.2366	0.0000	0.0000	-2.0034
1224	1	2.7137SLL+1.3CF	11.8523	9.5523	10.5837	17.1524	13.1210	0.0000	0.0000	17.1524
1225	0	2.7137SLL+1.3CF	-17.3409	-21.1001	-15.3250	-13.5818	-19.3588	0.0000	0.0000	-21.1001
1225	0	2.7137SLL+1.3CF	2.9170	4.2821	2.4209	1.5819	3.4131	0.0000	0.0000	4.2821
1225	1	2.7137SLL+1.3CF	-17.3409	-12.3074	-16.6529	-22.3744	-16.0290	0.0000	0.0000	-22.3744
1225	1	2.7137SLL+1.3CF	2.9170	2.1780	2.2008	3.6560	3.6340	0.0000	0.0000	3.6560
1226	0	2.7137SLL+1.3CF	-5.7749	-0.7783	-10.0114	-4.9237	0.0000	0.0000	0.0000	-10.0114
1226	0	2.7137SLL+1.3CF	0.4722	0.8777	0.4857	-0.0242	0.0000	0.0000	0.0000	0.8777
1226	1	2.7137SLL+1.3CF	-5.7749	-6.3165	-2.4013	-9.8997	0.0000	0.0000	0.0000	-9.8997
1226	1	2.7137SLL+1.3CF	0.4722	0.1323	0.3250	1.0154	0.0000	0.0000	0.0000	1.0154
1227	0	2.7137SLL+1.3CF	-1.4917	-0.7605	-1.4171	-2.3259	0.0000	0.0000	0.0000	-2.3259
1227	0	2.7137SLL+1.3CF	1.3546	-0.4833	-0.2310	5.3609	0.0000	0.0000	0.0000	5.3609

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1227	1	2.7137SLL+1.3CF	-1.4917	-2.7303	-1.5004	-0.2411	0.0000	0.0000	0.0000	-2.7303
1227	1	2.7137SLL+1.3CF	1.3546	3.6779	3.3162	-3.8764	0.0000	0.0000	0.0000	3.6779
1228	0	2.7137SLL+1.3CF	-0.6256	4.1514	4.1514	-2.6325	-2.6325	0.0000	0.0000	4.1514
1228	0	2.7137SLL+1.3CF	0.1052	0.1466	0.1466	0.0870	0.0870	0.0000	0.0000	0.1466
1228	1	2.7137SLL+1.3CF	-0.6256	-3.8856	-3.8856	0.7439	0.7439	0.0000	0.0000	-3.8856
1228	1	2.7137SLL+1.3CF	0.1052	0.4358	0.4358	-0.0336	-0.0336	0.0000	0.0000	0.4358
1229	0	2.7137SLL+1.3CF	-0.3628	-0.1651	-0.1651	-0.4458	-0.4458	0.0000	0.0000	-0.4458
1229	0	2.7137SLL+1.3CF	1.5541	-0.7596	-0.7596	2.5262	2.5262	0.0000	0.0000	2.5262
1229	1	2.7137SLL+1.3CF	-0.3628	-0.4503	-0.4503	-0.3260	-0.3260	0.0000	0.0000	-0.4503
1229	1	2.7137SLL+1.3CF	1.5541	3.1260	3.1260	0.8836	0.8836	0.0000	0.0000	3.1260
1231	0	2.7137SLL+1.3CF	-1.6013	-1.7240	-2.2510	-1.4787	-0.9617	0.0000	0.0000	-2.2510
1231	0	2.7137SLL+1.3CF	11.0201	15.6569	20.1614	6.3617	1.6787	0.0000	0.0000	20.1614
1231	1	2.7137SLL+1.3CF	-1.6013	-1.1347	-1.2303	-2.0660	-1.9724	0.0000	0.0000	-2.0660
1231	1	2.7137SLL+1.3CF	11.0201	4.3670	3.6346	17.8432	18.4053	0.0000	0.0000	18.4053
1232	0	2.7137SLL+1.3CF	-15.4109	-10.2158	-15.6474	-20.6062	-15.1748	0.0000	0.0000	-20.6062
1232	0	2.7137SLL+1.3CF	2.4816	2.2099	2.1253	2.7533	2.8379	0.0000	0.0000	2.8379
1232	1	2.7137SLL+1.3CF	-15.4109	-21.3189	-17.5756	-8.5020	-13.2461	0.0000	0.0000	-21.3189
1232	1	2.7137SLL+1.3CF	2.4816	3.6292	2.2145	1.3340	3.7487	0.0000	0.0000	3.6292
1234	0	2.7137SLL+1.3CF	-1.2940	-2.1126	-2.1870	-0.4753	-0.4011	0.0000	0.0000	-2.1870
1234	0	2.7137SLL+1.3CF	9.2883	18.4642	17.7429	-1.8877	-1.1659	0.0000	0.0000	18.4642
1234	1	2.7137SLL+1.3CF	-1.2940	-0.4686	-0.5497	-2.0865	-2.0384	0.0000	0.0000	-2.0865
1234	1	2.7137SLL+1.3CF	9.2883	-0.8154	-1.6853	17.3620	18.4619	0.0000	0.0000	18.4619
1235	0	2.7137SLL+1.3CF	-12.5756	-8.2918	-4.4962	-16.8896	-20.6549	0.0000	0.0000	-20.6549
1235	0	2.7137SLL+1.3CF	2.4720	2.8253	0.9829	2.3186	3.9811	0.0000	0.0000	3.9811
1235	1	2.7137SLL+1.3CF	-12.5756	-21.5310	-15.4108	-3.6201	-8.7353	0.0000	0.0000	-21.5310
1235	1	2.7137SLL+1.3CF	2.4720	3.9697	2.1983	0.9743	2.7477	0.0000	0.0000	3.9697
1237	0	2.7137SLL+1.3CF	-1.4448	-1.1400	-3.1571	-1.7492	0.2678	0.0000	0.0000	-3.1571
1237	0	2.7137SLL+1.3CF	6.4218	16.0800	15.2222	-3.2364	-2.3785	0.0000	0.0000	16.0800
1237	1	2.7137SLL+1.3CF	-1.4448	0.1529	-1.6900	-3.0421	-1.1993	0.0000	0.0000	-3.0421
1237	1	2.7137SLL+1.3CF	6.4218	-3.1452	-3.3818	15.9689	16.2255	0.0000	0.0000	16.2255
1238	0	2.7137SLL+1.3CF	-9.3989	-7.5682	-1.5333	-11.6316	-17.6668	0.0000	0.0000	-17.6668
1238	0	2.7137SLL+1.3CF	2.1495	2.7178	0.7914	1.5812	3.5077	0.0000	0.0000	3.5077
1238	1	2.7137SLL+1.3CF	-9.3989	-15.8997	-12.4665	-3.5001	-6.7333	0.0000	0.0000	-15.8997
1238	1	2.7137SLL+1.3CF	2.1495	2.9604	1.9094	1.3099	2.3897	0.0000	0.0000	2.9604

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1240	0	2.713?SLL+1.3CF	-2.3186	10.6362	-12.2798	-15.2735	7.6425	0.0000	0.0000	-15.2735
1240	0	2.713?SLL+1.3CF	5.0227	12.7558	12.3088	0.8896	1.3365	0.0000	0.0000	12.7558
1240	1	2.713?SLL+1.3CF	-2.3186	-13.5670	9.9007	8.6297	-10.5360	0.0000	0.0000	-13.5670
1240	1	2.713?SLL+1.3CF	5.0227	-0.4666	1.6035	14.1320	12.0419	0.0000	0.0000	14.1320
1241	0	2.713?SLL+1.3CF	-7.6245	-6.8884	-3.4826	-6.5595	-11.7665	0.0000	0.0000	-11.7665
1241	0	2.713?SLL+1.3CF	2.4479	4.1305	2.4608	0.7651	2.4047	0.0000	0.0000	4.1305
1241	1	2.713?SLL+1.3CF	-7.6245	-8.7478	-10.1961	-8.5011	-5.0828	0.0000	0.0000	-10.1961
1241	1	2.713?SLL+1.3CF	2.4479	1.4879	2.1090	3.3976	2.7866	0.0000	0.0000	3.3976
1242	0	2.713?SLL+1.3CF	-3.2120	3.8581	-5.4160	-6.2381	0.0000	0.0000	0.0000	-6.2381
1242	0	2.713?SLL+1.3CF	1.4188	2.5726	1.7333	-0.1686	0.0000	0.0000	0.0000	2.5726
1242	1	2.713?SLL+1.3CF	-3.2120	-4.3227	-0.3795	-6.0111	0.0000	0.0000	0.0000	-6.0111
1242	1	2.713?SLL+1.3CF	1.4188	1.5092	1.8088	0.7908	0.0000	0.0000	0.0000	1.8088
1243	0	2.713?SLL+1.3CF	-1.4018	-2.6288	-2.8279	1.5156	0.0000	0.0000	0.0000	-2.8279
1243	0	2.713?SLL+1.3CF	2.1394	-2.3860	-1.2268	11.3113	0.0000	0.0000	0.0000	11.3113
1243	1	2.713?SLL+1.3CF	-1.4018	0.0298	0.4184	-5.3456	0.0000	0.0000	0.0000	-5.3456
1243	1	2.713?SLL+1.3CF	2.1394	8.2048	6.9539	-10.5714	0.0000	0.0000	0.0000	-10.5714
1244	0	2.713?SLL+1.3CF	-0.4072	0.1256	0.1256	-0.6310	0.0000	0.0000	0.0000	-0.6310
1244	0	2.713?SLL+1.3CF	0.2093	1.0260	1.0260	-0.1337	-0.1337	0.0000	0.0000	1.0260
1244	1	2.713?SLL+1.3CF	-0.4072	-0.4562	-0.4562	-0.3666	-0.3666	0.0000	0.0000	-0.4562
1244	1	2.713?SLL+1.3CF	0.2093	-0.7667	-0.7667	0.6194	0.6194	0.0000	0.0000	-0.7667
1245	0	2.713?SLL+1.3CF	-1.0092	-2.8672	-2.8672	-0.3266	-0.3266	0.0000	0.0000	-2.8672
1245	0	2.713?SLL+1.3CF	0.5310	0.4817	0.4817	0.5518	0.5518	0.0000	0.0000	0.5518
1245	1	2.713?SLL+1.3CF	-1.0092	0.4903	0.4903	-1.6391	-1.6391	0.0000	0.0000	-1.6391
1245	1	2.713?SLL+1.3CF	0.5310	0.3937	0.3937	0.5868	0.5868	0.0000	0.0000	0.5868
1247	0	2.713?SLL+1.3CF	-2.8236	-11.4693	12.3916	5.6210	-16.2386	0.0000	0.0000	-16.2386
1247	0	2.713?SLL+1.3CF	4.8489	3.7204	5.2692	5.9774	4.4298	0.0000	0.0000	5.9774
1247	1	2.713?SLL+1.3CF	-2.8236	2.4183	-15.3930	-8.2866	9.5457	0.0000	0.0000	-15.3930
1247	1	2.713?SLL+1.3CF	4.8489	5.4479	5.1496	4.2501	4.5460	0.0000	0.0000	5.4479
1248	0	2.713?SLL+1.3CF	-5.3157	-3.3439	-5.5887	-7.2877	-5.0828	0.0000	0.0000	-7.2877
1248	0	2.713?SLL+1.3CF	3.8482	4.8464	5.2828	2.4500	2.0136	0.0000	0.0000	5.2828
1248	1	2.713?SLL+1.3CF	-5.3157	-6.4950	-5.0982	-4.1366	-6.5322	0.0000	0.0000	-6.4950
1248	1	2.713?SLL+1.3CF	3.8482	2.9676	0.1342	4.3066	7.1622	0.0000	0.0000	7.1622
1250	0	2.713?SLL+1.3CF	-5.0249	12.0109	-6.2821	-22.0607	-3.7677	0.0000	0.0000	-22.0607
1250	0	2.713?SLL+1.3CF	4.5855	4.4648	4.1652	4.7064	5.0058	0.0000	0.0000	5.0058

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1250	1	2.713?SLL+1.3CF	-5.0249	-6.8504	-18.5131	-3.1994	8.4833	0.0000	0.0000	-18.5131
1250	1	2.713?SLL+1.3CF	4.5855	5.1464	4.9830	4.0245	4.1760	0.0000	0.0000	5.1464
1251	0	2.713?SLL+1.3CF	-0.0506	-5.2831	-3.8879	-4.8188	-6.2139	0.0000	0.0000	-6.2139
1251	0	2.713?SLL+1.3CF	5.1523	10.7500	7.8843	-0.4404	2.6104	0.0000	0.0000	10.7500
1251	1	2.713?SLL+1.3CF	-5.0506	-6.6177	-3.5805	-3.4842	-6.1214	0.0000	0.0000	-6.6177
1251	1	2.713?SLL+1.3CF	5.1523	3.0670	-1.0704	7.2076	11.3751	0.0000	0.0000	11.3751
1253	0	2.713?SLL+1.3CF	-6.1848	4.8734	-7.2704	-21.3031	-9.0393	0.0000	0.0000	-21.3031
1253	0	2.713?SLL+1.3CF	4.2998	3.8284	3.6730	4.7054	4.8608	0.0000	0.0000	4.8608
1253	1	2.713?SLL+1.3CF	-6.1848	-18.5674	-6.6883	2.2377	-7.6004	0.0000	0.0000	-18.5674
1253	1	2.713?SLL+1.3CF	4.2998	4.5898	5.4895	3.9640	3.0453	0.0000	0.0000	5.4895
1254	0	2.713?SLL+1.3CF	-4.8077	-5.5077	-2.6796	-4.1078	-6.7358	0.0000	0.0000	-6.7358
1254	0	2.713?SLL+1.3CF	7.7057	14.3702	10.1873	1.0413	5.2542	0.0000	0.0000	14.3702
1254	1	2.713?SLL+1.3CF	-4.8077	-6.2181	-4.6224	-3.3992	-4.9830	0.0000	0.0000	-6.2181
1254	1	2.713?SLL+1.3CF	7.7057	5.1364	2.9481	10.2751	12.4634	0.0000	0.0000	12.4634
1256	0	2.713?SLL+1.3CF	-6.1284	-4.6759	-3.2310	-7.2809	-9.0258	0.0000	0.0000	-9.0258
1256	0	2.713?SLL+1.3CF	2.5334	1.8884	2.5813	3.3974	2.4755	0.0000	0.0000	3.3974
1256	1	2.713?SLL+1.3CF	-6.1284	-7.7249	-7.3899	-4.5319	-4.9899	0.0000	0.0000	-7.7249
1256	1	2.713?SLL+1.3CF	2.5334	2.6473	2.9412	2.4195	2.1257	0.0000	0.0000	2.9412
1257	0	2.713?SLL+1.3CF	-4.2617	-4.1832	-2.6248	-4.3802	-5.8885	0.0000	0.0000	-5.8885
1257	0	2.713?SLL+1.3CF	9.2349	11.8863	8.7679	6.9035	8.6718	0.0000	0.0000	11.8863
1257	1	2.713?SLL+1.3CF	-4.2617	-4.1180	-5.7942	-4.4044	-2.7292	0.0000	0.0000	-5.7942
1257	1	2.713?SLL+1.3CF	9.2349	6.7400	10.2598	11.7298	8.2099	0.0000	0.0000	11.7298
1258	0	2.713?SLL+1.3CF	-3.5706	-2.3700	-6.6778	-0.2065	0.0000	0.0000	0.0000	-6.6778
1258	0	2.713?SLL+1.3CF	2.2508	2.3222	2.4633	1.8891	0.0000	0.0000	0.0000	2.4633
1258	1	2.713?SLL+1.3CF	-3.5706	-2.8242	-0.5800	-7.8829	0.0000	0.0000	0.0000	-7.8829
1258	1	2.713?SLL+1.3CF	2.2508	2.2932	1.9869	2.5588	0.0000	0.0000	0.0000	2.5588
1259	0	2.713?SLL+1.3CF	-2.1115	-2.5141	-2.5156	-1.1508	0.0000	0.0000	0.0000	-2.5156
1259	0	2.713?SLL+1.3CF	2.7051	1.2996	1.4086	5.9002	0.0000	0.0000	0.0000	5.9002
1259	1	2.713?SLL+1.3CF	-2.1115	-1.7983	-1.9208	-2.7182	0.0000	0.0000	0.0000	-2.7182
1259	1	2.713?SLL+1.3CF	2.7051	5.3187	3.7913	-1.4087	0.0000	0.0000	0.0000	5.3187
1260	0	2.713?SLL+1.3CF	-0.2712	-0.0570	-0.0570	-0.3612	-0.3612	0.0000	0.0000	-0.3612
1260	0	2.713?SLL+1.3CF	0.4674	0.1240	0.1240	0.6543	0.6543	0.0000	0.0000	0.6543
1260	1	2.713?SLL+1.3CF	-0.2712	-0.3565	-0.3565	-0.2342	-0.2342	0.0000	0.0000	-0.3565
1260	1	2.713?SLL+1.3CF	0.4674	0.6315	0.6315	0.4410	0.4410	0.0000	0.0000	0.6315

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1261	0	2.713?SLL+1.3CF	-1.4942	-1.3740	-1.3740	-1.5447	-1.5447	0.0000	0.0000	-1.5447
1261	0	2.713?SLL+1.3CF	0.3784	0.5584	0.5584	0.3036	0.3036	0.0000	0.0000	0.5584
1261	1	2.713?SLL+1.3CF	-1.4942	-0.6632	-0.6632	-1.8433	-1.8433	0.0000	0.0000	-1.8433
1261	1	2.713?SLL+1.3CF	0.3784	0.1268	0.1268	0.4841	0.4841	0.0000	0.0000	0.4841
1263	0	2.713?SLL+1.3CF	-4.5020	-5.0307	-3.0711	-3.8733	-5.8329	0.0000	0.0000	-5.8329
1263	0	2.713?SLL+1.3CF	1.7515	1.7880	1.8273	1.7178	1.6756	0.0000	0.0000	1.8273
1263	1	2.713?SLL+1.3CF	-4.5020	-4.7596	-5.5888	-4.2444	-3.4154	0.0000	0.0000	-5.5888
1263	1	2.713?SLL+1.3CF	1.7515	1.7278	1.8252	1.7752	1.6779	0.0000	0.0000	1.8252
1264	0	2.713?SLL+1.3CF	-3.8941	-3.3721	-4.0711	-5.4182	-3.7172	0.0000	0.0000	-5.4182
1264	0	2.713?SLL+1.3CF	11.0182	9.6155	13.6657	12.4209	8.3407	0.0000	0.0000	13.6657
1264	1	2.713?SLL+1.3CF	-3.8941	-4.8884	-3.7754	-2.9198	-4.0129	0.0000	0.0000	-4.8884
1264	1	2.713?SLL+1.3CF	11.0182	11.1548	8.4563	10.8816	15.5801	0.0000	0.0000	15.5801
1266	0	2.713?SLL+1.3CF	-4.9115	-4.2028	-5.1148	-5.8204	-4.7084	0.0000	0.0000	-5.8204
1266	0	2.713?SLL+1.3CF	1.5884	1.6304	1.7268	1.5493	1.4488	0.0000	0.0000	1.7268
1266	1	2.713?SLL+1.3CF	-4.9115	-5.2018	-5.7253	-4.6214	-4.0977	0.0000	0.0000	-5.7253
1266	1	2.713?SLL+1.3CF	1.5884	1.4977	1.6746	1.6791	1.5021	0.0000	0.0000	1.6791
1267	0	2.713?SLL+1.3CF	-3.6898	-3.8359	-2.7420	-3.5037	-4.5875	0.0000	0.0000	-4.5875
1267	0	2.713?SLL+1.3CF	12.6794	10.3294	13.7137	7.0294	11.6451	0.0000	0.0000	18.3294
1267	1	2.713?SLL+1.3CF	-3.6898	-4.9450	-2.6596	-2.3946	-4.3630	0.0000	0.0000	-4.9450
1267	1	2.713?SLL+1.3CF	12.6794	13.0918	5.5267	12.2872	19.8321	0.0000	0.0000	19.8321
1269	0	2.713?SLL+1.3CF	-5.5810	-5.0609	-5.7062	-6.0061	-5.4158	0.0000	0.0000	-6.0561
1269	0	2.713?SLL+1.3CF	1.5011	1.4967	1.6661	1.5055	1.3362	0.0000	0.0000	1.6661
1269	1	2.713?SLL+1.3CF	-5.5810	-5.8592	-6.2715	-5.2627	-4.8508	0.0000	0.0000	-6.2715
1269	1	2.713?SLL+1.3CF	1.5011	1.4574	1.5498	1.5449	1.4837	0.0000	0.0000	1.5498
1270	0	2.713?SLL+1.3CF	-3.4800	-4.0779	-2.0925	-2.5624	-4.8674	0.0000	0.0000	-4.8674
1270	0	2.713?SLL+1.3CF	14.5197	21.1425	13.4520	7.8968	15.3074	0.0000	0.0000	21.1425
1270	1	2.713?SLL+1.3CF	-3.4800	-4.3111	-3.2323	-2.5468	-3.7279	0.0000	0.0000	-4.3111
1270	1	2.713?SLL+1.3CF	14.5197	13.2421	8.6064	15.7973	19.4330	0.0000	0.0000	19.4330
1272	0	2.713?SLL+1.3CF	-6.2908	-5.7350	-6.8382	-6.9468	-5.9755	0.0000	0.0000	-6.9468
1272	0	2.713?SLL+1.3CF	1.4348	1.4881	1.5810	1.4010	1.3081	0.0000	0.0000	1.5810
1272	1	2.713?SLL+1.3CF	-6.2908	-6.2900	-7.3368	-6.3018	-5.2453	0.0000	0.0000	-7.3368
1272	1	2.713?SLL+1.3CF	1.4348	1.2796	1.5889	1.5895	1.2823	0.0000	0.0000	1.5895
1273	0	2.713?SLL+1.3CF	-3.2951	-3.4898	-2.3923	-3.1204	-4.1979	0.0000	0.0000	-4.1979
1273	0	2.713?SLL+1.3CF	15.9435	19.5646	15.9790	13.3225	15.9081	0.0000	0.0000	19.5646

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1273	1	2.713?SLL+1.3CF	-3.2951	-2.7801	-4.3155	-3.9101	-2.2747	0.0000	0.0000	-4.3155
1273	1	2.713?SLL+1.3CF	15.9435	15.7524	18.7105	21.1347	13.1798	0.0000	0.0000	21.1347
1274	0	2.713?SLL+1.3CF	-3.2583	-2.5893	-5.8593	-0.8332	0.0000	0.0000	0.0000	-5.8593
1274	0	2.713?SLL+1.3CF	2.3683	2.0036	2.1990	2.9666	0.0000	0.0000	0.0000	2.9666
1274	1	2.713?SLL+1.3CF	-3.2583	-2.5143	-1.4362	-6.5173	0.0000	0.0000	0.0000	-6.5173
1274	1	2.713?SLL+1.3CF	2.3683	2.9116	2.3813	1.7931	0.0000	0.0000	0.0000	2.9116
1275	0	2.713?SLL+1.3CF	-2.9033	-3.4714	-3.8741	-0.9851	0.0000	0.0000	0.0000	-3.8741
1275	0	2.713?SLL+1.3CF	2.0210	1.8276	1.4042	2.9660	0.0000	0.0000	0.0000	2.9660
1275	1	2.713?SLL+1.3CF	-2.9033	-2.1977	-2.1865	-4.5962	0.0000	0.0000	0.0000	-4.5962
1275	1	2.713?SLL+1.3CF	2.0210	3.0451	2.3257	0.5765	0.0000	0.0000	0.0000	3.0451
1276	0	2.713?SLL+1.3CF	-0.2291	-0.1786	-0.1786	-0.2503	-0.2503	0.0000	0.0000	-0.2503
1276	0	2.713?SLL+1.3CF	0.9084	0.1062	0.1062	1.2426	1.2426	0.0000	0.0000	1.2426
1276	1	2.713?SLL+1.3CF	-0.2291	-0.3559	-0.3559	-0.1758	-0.1758	0.0000	0.0000	-0.3559
1276	1	2.713?SLL+1.3CF	0.9084	1.1430	1.1430	0.8070	0.8070	0.0000	0.0000	1.1430
1277	0	2.713?SLL+1.3CF	-1.8590	-1.0263	-1.0263	-2.2088	-2.2088	0.0000	0.0000	-2.2088
1277	0	2.713?SLL+1.3CF	0.2066	0.4685	0.4685	0.1007	0.1007	0.0000	0.0000	0.4685
1277	1	2.713?SLL+1.3CF	-1.8590	-1.4920	-1.4920	-2.0131	-2.0131	0.0000	0.0000	-2.0131
1277	1	2.713?SLL+1.3CF	0.2066	0.0312	0.0312	0.2802	0.2802	0.0000	0.0000	0.2802
1279	0	2.713?SLL+1.3CF	-6.8150	-6.7567	-6.7809	-6.8733	-6.8692	0.0000	0.0000	-6.8733
1279	0	2.713?SLL+1.3CF	1.3654	1.3240	1.5666	1.4068	1.1622	0.0000	0.0000	1.5666
1279	1	2.713?SLL+1.3CF	-6.8150	-6.9213	-7.5796	-6.7066	-6.0505	0.0000	0.0000	-7.5796
1279	1	2.713?SLL+1.3CF	1.3654	1.3121	1.4013	1.4167	1.3299	0.0000	0.0000	1.4167
1280	0	2.713?SLL+1.3CF	-3.0141	-1.9112	-3.5367	-4.1170	-2.4916	0.0000	0.0000	-4.1170
1280	0	2.713?SLL+1.3CF	17.3943	13.6657	22.2184	21.5230	12.6703	0.0000	0.0000	22.2184
1280	1	2.713?SLL+1.3CF	-3.0141	-3.5968	-2.9312	-2.4315	-3.0971	0.0000	0.0000	-3.5968
1280	1	2.713?SLL+1.3CF	17.3943	19.2067	13.0076	15.9620	22.1811	0.0000	0.0000	22.1811
1282	0	2.713?SLL+1.3CF	-7.7345	-6.7462	-7.7245	-7.7028	-6.7245	0.0000	0.0000	-7.7345
1282	0	2.713?SLL+1.3CF	1.2048	1.3108	1.3539	1.2034	1.1600	0.0000	0.0000	1.3539
1282	1	2.713?SLL+1.3CF	-7.2345	-7.3624	-7.9529	-7.0066	-6.5962	0.0000	0.0000	-7.9529
1282	1	2.713?SLL+1.3CF	1.2048	1.2047	1.2960	1.3091	1.2179	0.0000	0.0000	1.3091
1283	0	2.713?SLL+1.3CF	-2.8398	-2.7990	-2.1325	-2.8805	-3.5471	0.0000	0.0000	-3.5471
1283	0	2.713?SLL+1.3CF	18.4589	23.3160	17.1537	13.6018	19.7940	0.0000	0.0000	23.3160
1283	1	2.713?SLL+1.3CF	-2.8398	-3.6887	-2.3883	-1.8108	-3.2912	0.0000	0.0000	-3.6887
1283	1	2.713?SLL+1.3CF	18.4589	22.3714	10.5494	14.5463	26.3683	0.0000	0.0000	26.3683

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1285	0	2.713TSLL+1.3CF	-7.5748	-7.3993	-7.8434	-7.7586	-7.3058	0.0000	0.0000	-7.8434
1285	0	2.713TSLL+1.3CF	1.1657	1.2104	1.3014	1.1610	1.0701	0.0000	0.0000	1.3014
1285	1	2.713TSLL+1.3CF	-7.5748	-7.5809	-8.2973	-7.5983	-6.8519	0.0000	0.0000	-8.2973
1285	1	2.713TSLL+1.3CF	1.1657	1.1560	1.2015	1.2154	1.1668	0.0000	0.0000	1.2154
1286	0	2.713TSLL+1.3CF	-2.6547	-3.0233	-1.5427	-2.2881	-3.7667	0.0000	0.0000	-3.7667
1286	0	2.713TSLL+1.3CF	19.3683	26.2108	14.3958	12.3257	24.1410	0.0000	0.0000	26.2108
1286	1	2.713TSLL+1.3CF	-2.6547	-3.4116	-2.4984	-1.8977	-2.8130	0.0000	0.0000	-3.4116
1286	1	2.713TSLL+1.3CF	19.3683	21.7355	13.8328	16.8010	24.7037	0.0000	0.0000	24.7037
1288	0	2.713TSLL+1.3CF	-7.8853	-7.7379	-8.2576	-8.0026	-7.5331	0.0000	0.0000	-8.2576
1288	0	2.713TSLL+1.3CF	1.1105	1.1571	1.2033	1.0640	1.0178	0.0000	0.0000	1.2033
1288	1	2.713TSLL+1.3CF	-7.8853	-7.8629	-8.5495	-7.8279	-7.2411	0.0000	0.0000	-8.5495
1288	1	2.713TSLL+1.3CF	1.1105	1.0378	1.1606	1.1831	1.0605	0.0000	0.0000	1.1831
1289	0	2.713TSLL+1.3CF	-2.4901	-2.6652	-1.7506	-2.3153	-3.2296	0.0000	0.0000	-3.2296
1289	0	2.713TSLL+1.3CF	19.9186	24.4104	16.5194	15.4269	23.3179	0.0000	0.0000	24.4104
1289	1	2.713TSLL+1.3CF	-2.4901	-2.1372	-3.0774	-2.5430	-1.9029	0.0000	0.0000	-3.0774
1289	1	2.713TSLL+1.3CF	19.9186	18.0992	22.0325	23.7381	17.8046	0.0000	0.0000	23.7381
1290	0	2.713TSLL+1.3CF	-3.1372	-1.2022	-4.2453	-3.5453	0.0000	0.0000	0.0000	-4.2453
1290	0	2.713TSLL+1.3CF	2.0313	1.9906	2.0972	1.9812	0.0000	0.0000	0.0000	2.0972
1290	1	2.713TSLL+1.3CF	-3.1372	-3.7797	-2.7241	-3.0646	0.0000	0.0000	0.0000	-3.7797
1290	1	2.713TSLL+1.3CF	2.0313	2.2209	1.7382	2.2450	0.0000	0.0000	0.0000	2.2450
1291	0	2.713TSLL+1.3CF	-2.6811	-2.5330	-2.9562	-2.4497	0.0000	0.0000	0.0000	-2.9562
1291	0	2.713TSLL+1.3CF	1.8396	1.8573	1.3950	2.3358	0.0000	0.0000	0.0000	2.3358
1291	1	2.713TSLL+1.3CF	-2.6811	-2.4712	-2.4828	-3.1824	0.0000	0.0000	0.0000	-3.1824
1291	1	2.713TSLL+1.3CF	1.8396	2.8174	1.9570	0.9275	0.0000	0.0000	0.0000	2.8174
1292	0	2.713TSLL+1.3CF	-0.1824	-0.2338	-0.2338	-0.1751	-0.1751	0.0000	0.0000	-0.2338
1292	0	2.713TSLL+1.3CF	0.8674	-0.1281	-0.1281	1.4052	1.4052	0.0000	0.0000	1.4052
1292	1	2.713TSLL+1.3CF	-0.1824	-0.3099	-0.3099	-0.1431	-0.1431	0.0000	0.0000	-0.3099
1292	1	2.713TSLL+1.3CF	0.8674	1.3921	1.3921	0.8174	0.8174	0.0000	0.0000	1.3921
1293	0	2.713TSLL+1.3CF	-1.8384	-1.2806	-1.2806	-2.0727	-2.0727	0.0000	0.0000	-2.0727
1293	0	2.713TSLL+1.3CF	0.1350	0.3674	0.3674	0.0374	0.0374	0.0000	0.0000	0.3674
1293	1	2.713TSLL+1.3CF	-1.8384	-1.2833	-1.2833	-2.0800	-2.0800	0.0000	0.0000	-2.0800
1293	1	2.713TSLL+1.3CF	0.1350	-0.0281	-0.0281	0.2036	0.2036	0.0000	0.0000	0.2036
1295	0	2.713TSLL+1.3CF	-6.0413	-7.9838	-6.4808	-6.1189	-7.6219	0.0000	0.0000	-6.4808
1295	0	2.713TSLL+1.3CF	1.0421	1.0011	1.2244	1.0831	0.8598	0.0000	0.0000	1.2244

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1295	1	2.713TSLL+1.3CF	-6.0413	-6.0037	-6.5662	-6.0790	-7.5165	0.0000	0.0000	-6.5662
1295	1	2.713TSLL+1.3CF	1.0421	1.0158	1.0355	1.0884	1.0487	0.0000	0.0000	1.0884
1296	0	2.713TSLL+1.3CF	-2.2593	-1.6147	-2.4879	-2.9040	-2.0308	0.0000	0.0000	-2.9040
1296	0	2.713TSLL+1.3CF	20.3648	17.4780	23.4919	23.2517	17.2378	0.0000	0.0000	23.4919
1296	1	2.713TSLL+1.3CF	-2.2593	-2.6443	-2.3648	-1.8744	-2.1539	0.0000	0.0000	-2.6443
1296	1	2.713TSLL+1.3CF	20.3648	21.9168	17.4907	18.8129	23.2390	0.0000	0.0000	23.2390
1298	0	2.713TSLL+1.3CF	-7.9620	-7.8723	-8.7007	-8.2516	-7.2232	0.0000	0.0000	-8.7007
1298	0	2.713TSLL+1.3CF	0.9501	1.0115	1.0303	0.8686	0.8700	0.0000	0.0000	1.0303
1298	1	2.713TSLL+1.3CF	-7.9620	-7.8378	-8.5891	-8.0861	-7.3048	0.0000	0.0000	-8.5891
1298	1	2.713TSLL+1.3CF	0.9501	0.9071	0.9529	0.9632	0.9474	0.0000	0.0000	0.9632
1299	0	2.713TSLL+1.3CF	-2.1799	-2.7299	-2.3850	-1.6311	-1.9747	0.0000	0.0000	-2.7299
1299	0	2.713TSLL+1.3CF	20.3736	22.4948	18.0128	18.2524	23.7343	0.0000	0.0000	23.7343
1299	1	2.713TSLL+1.3CF	-2.1799	-1.8851	-1.5878	-2.4746	-2.7619	0.0000	0.0000	-2.7619
1299	1	2.713TSLL+1.3CF	20.3736	22.2963	17.6717	18.4508	23.8755	0.0000	0.0000	23.8755
1301	0	2.713TSLL+1.3CF	-7.8940	-7.5832	-8.7884	-8.2049	-6.9697	0.0000	0.0000	-8.7884
1301	0	2.713TSLL+1.3CF	0.9654	0.9393	0.9524	0.9818	0.9785	0.0000	0.0000	0.9818
1301	1	2.713TSLL+1.3CF	-7.8940	-7.8384	-8.5471	-7.9467	-7.4409	0.0000	0.0000	-8.5471
1301	1	2.713TSLL+1.3CF	0.9654	0.9057	1.1439	0.9652	0.7870	0.0000	0.0000	1.1439
1302	0	2.713TSLL+1.3CF	-2.3778	-2.7858	-2.4992	-1.9686	-2.2561	0.0000	0.0000	-2.7858
1302	0	2.713TSLL+1.3CF	20.3512	22.2521	17.9081	18.4504	22.7944	0.0000	0.0000	22.7944
1302	1	2.713TSLL+1.3CF	-2.3776	-1.8903	-2.6211	-3.0650	-2.1341	0.0000	0.0000	-3.0650
1302	1	2.713TSLL+1.3CF	20.3512	17.2641	23.2537	23.4384	17.4487	0.0000	0.0000	23.4384
1303	0	2.713TSLL+1.3CF	-3.1889	-0.4451	-3.6814	-5.2803	0.0000	0.0000	0.0000	-5.2803
1303	0	2.713TSLL+1.3CF	2.0744	1.9066	2.0145	2.3242	0.0000	0.0000	0.0000	2.3242
1303	1	2.713TSLL+1.3CF	-3.1889	-4.3700	-3.2532	-1.9186	0.0000	0.0000	0.0000	-4.3700
1303	1	2.713TSLL+1.3CF	2.0744	2.6402	2.1564	1.3603	0.0000	0.0000	0.0000	2.6402
1304	0	2.713TSLL+1.3CF	-2.6570	-2.3575	-2.7462	-2.6307	0.0000	0.0000	0.0000	-2.6307
1304	0	2.713TSLL+1.3CF	1.9280	2.4895	1.8836	1.4040	0.0000	0.0000	0.0000	2.4895
1304	1	2.713TSLL+1.3CF	-2.6570	-2.7545	-2.7467	-2.4016	0.0000	0.0000	0.0000	-2.7467
1304	1	2.713TSLL+1.3CF	1.9280	2.2271	1.4990	2.2211	0.0000	0.0000	0.0000	2.2271
1305	0	2.713TSLL+1.3CF	-0.2058	-0.3151	-0.3151	-0.1801	-0.1801	0.0000	0.0000	-0.3151
1305	0	2.713TSLL+1.3CF	0.9815	-0.1021	-0.1021	1.4368	1.4368	0.0000	0.0000	1.4368
1305	1	2.713TSLL+1.3CF	-0.2058	-0.3113	-0.3113	-0.1817	-0.1817	0.0000	0.0000	-0.3113
1305	1	2.713TSLL+1.3CF	0.9815	1.3514	1.3514	0.8261	0.8261	0.0000	0.0000	1.3514

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1306	0	2.7137SLL+1.3CF	-1.6836	-1.3323	-1.3323	-2.1152	-2.1152	0.0000	0.0000	-2.1152
1306	0	2.7137SLL+1.3CF	0.1346	0.3687	0.3687	0.0358	0.0358	0.0000	0.0000	0.3687
1306	1	2.7137SLL+1.3CF	-1.6836	-1.2623	-1.2623	-2.1446	-2.1446	0.0000	0.0000	-2.1446
1306	1	2.7137SLL+1.3CF	0.1346	-0.0274	-0.0274	0.2027	0.2027	0.0000	0.0000	0.2027
1308	0	2.7137SLL+1.3CF	-7.8230	-7.9361	-6.5003	-7.9089	-7.3456	0.0000	0.0000	-6.5003
1308	0	2.7137SLL+1.3CF	1.0368	0.9713	1.0736	1.1022	1.0000	0.0000	0.0000	1.1022
1308	1	2.7137SLL+1.3CF	-7.8230	-7.7117	-6.3809	-8.1342	-7.4651	0.0000	0.0000	-8.3809
1308	1	2.7137SLL+1.3CF	1.0368	1.0801	1.1304	0.9834	0.9432	0.0000	0.0000	1.1304
1309	0	2.7137SLL+1.3CF	-2.8281	-2.2546	-3.2566	-3.0016	-1.9678	0.0000	0.0000	-3.2566
1309	0	2.7137SLL+1.3CF	19.9359	15.8027	21.8146	23.9791	18.0572	0.0000	0.0000	23.9791
1309	1	2.7137SLL+1.3CF	-2.8281	-2.8080	-1.8423	-2.4502	-3.4139	0.0000	0.0000	-3.4139
1309	1	2.7137SLL+1.3CF	19.9359	24.8177	16.8739	19.2541	23.1960	0.0000	0.0000	24.8177
1311	0	2.7137SLL+1.3CF	-7.5638	-7.3961	-6.2726	-7.5314	-6.9550	0.0000	0.0000	-6.2726
1311	0	2.7137SLL+1.3CF	1.1097	1.0804	1.1198	1.1390	1.0998	0.0000	0.0000	1.1390
1311	1	2.7137SLL+1.3CF	-7.5638	-7.2978	-7.9367	-7.8299	-7.1909	0.0000	0.0000	-7.9367
1311	1	2.7137SLL+1.3CF	1.1097	1.1404	1.2261	1.0790	0.9933	0.0000	0.0000	1.2261
1312	0	2.7137SLL+1.3CF	-2.8083	-3.6145	-2.8501	-1.9982	-2.9625	0.0000	0.0000	-3.6145
1312	0	2.7137SLL+1.3CF	18.4652	21.9737	13.8974	16.9586	24.9330	0.0000	0.0000	24.9330
1312	1	2.7137SLL+1.3CF	-2.8083	-3.1671	-1.8236	-2.4255	-3.8691	0.0000	0.0000	-3.8691
1312	1	2.7137SLL+1.3CF	18.4652	26.4916	14.5797	12.4388	24.3507	0.0000	0.0000	26.4916
1314	0	2.7137SLL+1.3CF	-7.2024	-7.3043	-7.9408	-7.1005	-6.4640	0.0000	0.0000	-7.9408
1314	0	2.7137SLL+1.3CF	1.1815	1.1291	1.2152	1.2339	1.1479	0.0000	0.0000	1.2339
1314	1	2.7137SLL+1.3CF	-7.2024	-6.6779	-7.7432	-7.7289	-6.8619	0.0000	0.0000	-7.7432
1314	1	2.7137SLL+1.3CF	1.1815	1.2432	1.2779	1.1186	1.0851	0.0000	0.0000	1.2779
1315	0	2.7137SLL+1.3CF	-3.0067	-4.1025	-2.5391	-1.9110	-3.4743	0.0000	0.0000	-4.1025
1315	0	2.7137SLL+1.3CF	18.5355	22.5623	10.6733	14.5067	26.3977	0.0000	0.0000	26.3977
1315	1	2.7137SLL+1.3CF	-3.0067	-2.9523	-2.2555	-3.0811	-3.7580	0.0000	0.0000	-3.7580
1315	1	2.7137SLL+1.3CF	18.5355	23.2475	17.0311	13.8236	20.0400	0.0000	0.0000	23.2475
1317	0	2.7137SLL+1.3CF	-6.7561	-6.7141	-7.7903	-6.7990	-5.7216	0.0000	0.0000	-7.7903
1317	0	2.7137SLL+1.3CF	1.2660	1.2439	1.2784	1.2662	1.2537	0.0000	0.0000	1.2662
1317	1	2.7137SLL+1.3CF	-6.7561	-6.9987	-6.8510	-6.8134	-6.8611	0.0000	0.0000	-6.8611
1317	1	2.7137SLL+1.3CF	1.2660	1.2332	1.4528	1.2666	1.0795	0.0000	0.0000	1.4528
1318	0	2.7137SLL+1.3CF	-3.1952	-3.8145	-3.1186	-2.5759	-3.2717	0.0000	0.0000	-3.8145
1318	0	2.7137SLL+1.3CF	17.8429	19.1460	13.0041	16.1398	22.2817	0.0000	0.0000	22.2817

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1318	1	2.7137SLL+1.3CF	-3.1952	-2.0129	-3.7554	-4.3775	-2.6300	0.0000	0.0000	-4.3775
1318	1	2.7137SLL+1.3CF	17.8429	13.7149	22.4143	21.5709	12.8715	0.0000	0.0000	22.4143
1319	0	2.7137SLL+1.3CF	-3.2969	0.3686	-2.8303	-7.9086	0.0000	0.0000	0.0000	-7.9086
1319	0	2.7137SLL+1.3CF	2.3272	2.4197	2.6318	1.8144	0.0000	0.0000	0.0000	2.6318
1319	1	2.7137SLL+1.3CF	-3.2969	-0.5153	-4.3760	0.4110	0.0000	0.0000	0.0000	-5.5153
1319	1	2.7137SLL+1.3CF	2.3272	2.0062	1.9747	2.6349	0.0000	0.0000	0.0000	2.6349
1320	0	2.7137SLL+1.3CF	-2.9063	-1.5789	-2.0891	-5.2639	0.0000	0.0000	0.0000	-5.2639
1320	0	2.7137SLL+1.3CF	3.0677	3.1956	2.9088	3.1930	0.0000	0.0000	0.0000	3.1956
1320	1	2.7137SLL+1.3CF	-2.9063	-3.7129	-3.7088	-0.9922	0.0000	0.0000	0.0000	-3.7129
1320	1	2.7137SLL+1.3CF	3.0677	1.8381	1.1394	3.5787	0.0000	0.0000	0.0000	3.5787
1321	0	2.7137SLL+1.3CF	-0.2316	-0.3001	-0.3001	-0.2316	-0.2316	0.0000	0.0000	-0.3001
1321	0	2.7137SLL+1.3CF	0.9031	0.0868	0.0868	1.2481	1.2481	0.0000	0.0000	1.2481
1321	1	2.7137SLL+1.3CF	-0.2316	-0.3221	-0.3221	-0.2324	-0.2324	0.0000	0.0000	-0.3221
1321	1	2.7137SLL+1.3CF	0.9031	1.1373	1.1373	0.8047	0.8047	0.0000	0.0000	1.1373
1322	0	2.7137SLL+1.3CF	-1.8977	-1.3222	-1.3222	-2.1395	-2.1395	0.0000	0.0000	-2.1395
1322	0	2.7137SLL+1.3CF	0.1994	0.3791	0.3791	0.1198	0.1198	0.0000	0.0000	0.3791
1322	1	2.7137SLL+1.3CF	-1.8977	-1.5183	-1.5183	-2.1411	-2.1411	0.0000	0.0000	-2.1411
1322	1	2.7137SLL+1.3CF	0.1994	0.0483	0.0483	0.2585	0.2585	0.0000	0.0000	0.2585
1324	0	2.7137SLL+1.3CF	-6.2870	-6.2980	-7.2936	-6.2980	-5.2804	0.0000	0.0000	-7.2936
1324	0	2.7137SLL+1.3CF	1.3704	1.2198	1.5133	1.5213	1.2275	0.0000	0.0000	1.5213
1324	1	2.7137SLL+1.3CF	-6.2870	-5.7859	-6.5531	-6.7862	-6.0209	0.0000	0.0000	-6.7862
1324	1	2.7137SLL+1.3CF	1.3704	1.4119	1.4671	1.3290	1.2438	0.0000	0.0000	1.4671
1325	0	2.7137SLL+1.3CF	-3.5052	-2.9381	-4.8106	-4.0723	-2.3699	0.0000	0.0000	-4.8106
1325	0	2.7137SLL+1.3CF	15.9991	10.7424	18.7961	21.2557	13.2020	0.0000	0.0000	21.2557
1325	1	2.7137SLL+1.3CF	-3.5052	-3.6830	-2.5921	-3.3275	-4.4583	0.0000	0.0000	-4.4583
1325	1	2.7137SLL+1.3CF	15.9991	19.8236	16.0418	12.3745	15.9565	0.0000	0.0000	19.8236
1327	0	2.7137SLL+1.3CF	-5.5808	-5.9623	-6.3295	-5.2993	-4.8321	0.0000	0.0000	-6.3295
1327	0	2.7137SLL+1.3CF	1.4440	1.4012	1.4873	1.4667	1.4008	0.0000	0.0000	1.4872
1327	1	2.7137SLL+1.3CF	-5.5808	-5.0744	-5.7358	-6.0872	-5.4258	0.0000	0.0000	-6.0872
1327	1	2.7137SLL+1.3CF	1.4440	1.4435	1.6122	1.4444	1.2758	0.0000	0.0000	1.6122
1328	0	2.7137SLL+1.3CF	-3.7041	-4.5900	-3.4485	-2.8182	-3.9597	0.0000	0.0000	-4.5900
1328	0	2.7137SLL+1.3CF	14.5534	13.4918	9.8228	15.8150	19.2639	0.0000	0.0000	19.2639
1328	1	2.7137SLL+1.3CF	-3.7041	-4.3451	-2.2221	-3.0631	-5.1861	0.0000	0.0000	-5.1861
1328	1	2.7137SLL+1.3CF	14.5534	20.9511	13.3216	9.1557	15.7891	0.0000	0.0000	20.9511

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1330	0	2.713TSLL+1.3CF	-4.8355	-5.2422	-5.8670	-4.8268	-4.2040	0.0000	0.0000	-5.8670
1330	0	2.713TSLL+1.3CF	1.5144	1.4280	1.3981	1.6008	1.4327	0.0000	0.0000	1.6008
1330	1	2.713TSLL+1.3CF	-4.8355	-4.2839	-5.1474	-5.8071	-4.7236	0.0000	0.0000	-5.8071
1330	1	2.713TSLL+1.3CF	1.5144	1.5643	1.6504	1.4645	1.3784	0.0000	0.0000	1.6504
1331	0	2.713TSLL+1.3CF	-3.9045	-5.2609	-3.1375	-2.5462	-4.8715	0.0000	0.0000	-5.2609
1331	0	2.713TSLL+1.3CF	12.8493	13.1325	9.5143	12.5460	20.1842	0.0000	0.0000	20.1842
1331	1	2.713TSLL+1.3CF	-3.9045	-4.1015	-2.9179	-3.7075	-4.8914	0.0000	0.0000	-4.8914
1331	1	2.713TSLL+1.3CF	12.8493	18.6302	14.0295	7.0663	11.6890	0.0000	0.0000	18.6302
1333	0	2.713TSLL+1.3CF	-4.5109	-4.8353	-5.4860	-4.1964	-3.5559	0.0000	0.0000	-5.4860
1333	0	2.713TSLL+1.3CF	1.6730	1.6552	1.7423	1.6907	1.6039	0.0000	0.0000	1.7423
1333	1	2.713TSLL+1.3CF	-4.5109	-4.8770	-3.1777	-4.0447	-5.8440	0.0000	0.0000	-5.8440
1333	1	2.713TSLL+1.3CF	1.6730	1.7210	1.7374	1.6249	1.6089	0.0000	0.0000	1.7374
1334	0	2.713TSLL+1.3CF	-4.1365	-5.1897	-3.8868	-3.1034	-4.2885	0.0000	0.0000	-5.1897
1334	0	2.713TSLL+1.3CF	11.0838	11.3318	8.6875	10.8558	15.4901	0.0000	0.0000	15.4901
1334	1	2.713TSLL+1.3CF	-4.1365	-5.5448	-4.3293	-5.7283	-3.9438	0.0000	0.0000	-5.7283
1334	1	2.713TSLL+1.3CF	11.0838	9.4599	13.6852	12.7277	8.5224	0.0000	0.0000	13.6852
1335	0	2.713TSLL+1.3CF	-3.5670	1.6324	-2.8765	-9.7194	0.0000	0.0000	0.0000	-9.7194
1335	0	2.713TSLL+1.3CF	2.2308	1.9031	2.0483	2.8085	0.0000	0.0000	0.0000	2.8085
1335	1	2.713TSLL+1.3CF	-3.5670	-6.9474	-5.1022	1.8028	0.0000	0.0000	0.0000	-6.9474
1335	1	2.713TSLL+1.3CF	2.2308	2.7101	2.2990	1.5183	0.0000	0.0000	0.0000	2.7101
1336	0	2.713TSLL+1.3CF	-2.0864	-1.8057	-1.8335	-2.7160	0.0000	0.0000	0.0000	-2.7160
1336	0	2.713TSLL+1.3CF	2.6778	4.0409	4.0718	-0.6086	0.0000	0.0000	0.0000	4.0718
1336	1	2.713TSLL+1.3CF	-2.0864	-2.0874	-2.2344	-1.8947	0.0000	0.0000	0.0000	-2.2344
1336	1	2.713TSLL+1.3CF	2.6778	2.1089	0.6261	6.0785	0.0000	0.0000	0.0000	6.0785
1337	0	2.713TSLL+1.3CF	-0.3071	-0.2588	-0.2588	-0.3275	-0.3275	0.0000	0.0000	-0.3275
1337	0	2.713TSLL+1.3CF	0.5008	0.1937	0.1937	0.6298	0.6298	0.0000	0.0000	0.6298
1337	1	2.713TSLL+1.3CF	-0.3071	-0.3753	-0.3753	-0.2795	-0.2795	0.0000	0.0000	-0.3753
1337	1	2.713TSLL+1.3CF	0.5008	0.6244	0.6244	0.4488	0.4488	0.0000	0.0000	0.6244
1338	0	2.713TSLL+1.3CF	-1.6052	-1.6726	-1.6726	-1.5769	-1.5769	0.0000	0.0000	-1.6726
1338	0	2.713TSLL+1.3CF	0.3774	0.5608	0.5608	0.3004	0.3004	0.0000	0.0000	0.5608
1338	1	2.713TSLL+1.3CF	-1.6052	-0.6104	-0.6104	-2.0232	-2.0232	0.0000	0.0000	-2.0232
1338	1	2.713TSLL+1.3CF	0.3774	0.1230	0.1230	0.4843	0.4843	0.0000	0.0000	0.4843
1340	0	2.713TSLL+1.3CF	-6.0708	-7.7104	-7.2730	-4.4312	-4.8888	0.0000	0.0000	-7.7104
1340	0	2.713TSLL+1.3CF	2.4304	2.5474	2.8195	2.3134	2.0413	0.0000	0.0000	2.8195

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1340	1	2.713TSLL+1.3CF	-6.0708	-4.1104	-4.0389	-6.0262	-6.1127	0.0000	0.0000	-6.1127
1340	1	2.713TSLL+1.3CF	2.4304	1.5847	2.4826	3.2660	2.3682	0.0000	0.0000	3.2660
1341	0	2.713TSLL+1.3CF	-4.5146	-4.3483	-6.1179	-4.6809	-2.9113	0.0000	0.0000	-6.1179
1341	0	2.713TSLL+1.3CF	9.3671	6.6876	10.3024	12.0488	9.4318	0.0000	0.0000	12.0488
1341	1	2.713TSLL+1.3CF	-4.5146	-4.4042	-2.8308	-4.8250	-6.1587	0.0000	0.0000	-6.1587
1341	1	2.713TSLL+1.3CF	9.3671	12.0828	10.0373	6.6414	8.6969	0.0000	0.0000	12.0828
1343	0	2.713TSLL+1.3CF	-6.0879	-17.0799	-9.8885	0.9030	-6.1784	0.0000	0.0000	-17.0799
1343	0	2.713TSLL+1.3CF	4.1044	4.3980	5.2948	3.8128	2.9139	0.0000	0.0000	5.2948
1343	1	2.713TSLL+1.3CF	-6.0879	4.1301	-6.3592	-20.3080	-6.8188	0.0000	0.0000	-20.3080
1343	1	2.713TSLL+1.3CF	4.1044	3.7078	3.5076	4.5012	4.7508	0.0000	0.0000	4.7508
1344	0	2.713TSLL+1.3CF	-4.9420	-6.3509	-4.7468	-3.5331	-5.1372	0.0000	0.0000	-6.3509
1344	0	2.713TSLL+1.3CF	7.7705	5.0643	2.8827	10.4767	12.6583	0.0000	0.0000	12.6583
1344	1	2.713TSLL+1.3CF	-4.9420	-5.6718	-3.0010	-4.2123	-6.6831	0.0000	0.0000	-6.6831
1344	1	2.713TSLL+1.3CF	7.7705	14.4455	10.4196	1.0859	5.1214	0.0000	0.0000	14.4455
1346	0	2.713TSLL+1.3CF	-4.9990	-6.1214	-17.4801	-3.8767	7.4621	0.0000	0.0000	-17.4801
1346	0	2.713TSLL+1.3CF	4.4208	4.8737	4.7887	3.8679	4.0529	0.0000	0.0000	4.8737
1346	1	2.713TSLL+1.3CF	-4.9990	8.0681	-2.1989	-16.0662	-7.7992	0.0000	0.0000	-16.0662
1346	1	2.713TSLL+1.3CF	4.4208	4.3057	4.5184	4.5158	4.8233	0.0000	0.0000	4.8233
1347	0	2.713TSLL+1.3CF	-5.1796	-6.7561	-4.0670	-3.6030	-6.2821	0.0000	0.0000	-6.7561
1347	0	2.713TSLL+1.3CF	5.2508	2.4683	-1.5439	8.0328	12.0451	0.0000	0.0000	12.0451
1347	1	2.713TSLL+1.3CF	-5.1796	-5.4340	-4.0218	-4.6251	-6.3375	0.0000	0.0000	-6.3375
1347	1	2.713TSLL+1.3CF	5.2508	11.1974	8.5456	-0.6962	1.9556	0.0000	0.0000	11.1974
1349	0	2.713TSLL+1.3CF	-3.0368	-2.8854	-11.5029	-3.2083	5.4292	0.0000	0.0000	-11.5029
1349	0	2.713TSLL+1.3CF	4.7348	4.7550	4.4362	4.7142	5.0310	0.0000	0.0000	5.0310
1349	1	2.713TSLL+1.3CF	-3.0368	-9.1967	11.1217	3.1230	-17.1954	0.0000	0.0000	-17.1954
1349	1	2.713TSLL+1.3CF	4.7348	4.1588	5.7770	5.3094	3.6922	0.0000	0.0000	5.7770
1350	0	2.713TSLL+1.3CF	-5.4362	-6.6148	-5.2042	-4.2614	-5.6721	0.0000	0.0000	-6.6148
1350	0	2.713TSLL+1.3CF	3.6746	3.0625	3.6347	4.2866	5.7144	0.0000	0.0000	5.7144
1350	1	2.713TSLL+1.3CF	-5.4362	-3.4238	-5.7333	-7.4525	-5.1430	0.0000	0.0000	-7.4525
1350	1	2.713TSLL+1.3CF	3.6746	4.5530	5.2039	2.7962	2.1453	0.0000	0.0000	5.2039
1351	0	2.713TSLL+1.3CF	-3.3415	3.0805	-7.2339	-4.3907	0.0000	0.0000	0.0000	-7.2339
1351	0	2.713TSLL+1.3CF	1.3793	1.3647	0.5776	2.5008	0.0000	0.0000	0.0000	2.5008
1351	1	2.713TSLL+1.3CF	-3.3415	-6.1273	-3.3115	1.4030	0.0000	0.0000	0.0000	-6.1273
1351	1	2.713TSLL+1.3CF	1.3793	0.8557	1.1217	2.2586	0.0000	0.0000	0.0000	2.2586

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1352	0	2.713?SLL+1.3CF	-1.3884	-0.0856	-0.0866	-4.4852	0.0000	0.0000	0.0000	-4.4852
1352	0	2.713?SLL+1.3CF	2.1092	5.3092	6.4678	-7.1844	0.0000	0.0000	0.0000	-7.1844
1352	1	2.713?SLL+1.3CF	-1.3884	-3.4554	-3.0620	2.9696	0.0000	0.0000	0.0000	-3.4554
1352	1	2.713?SLL+1.3CF	2.1092	-2.3650	-3.6218	14.5141	0.0000	0.0000	0.0000	14.5141
1353	0	2.713?SLL+1.3CF	-0.3975	0.2101	0.2101	-0.6527	-0.6527	0.0000	0.0000	-0.6527
1353	0	2.713?SLL+1.3CF	0.1835	0.8414	0.8414	-0.0609	-0.0609	0.0000	0.0000	0.8414
1353	1	2.713?SLL+1.3CF	-0.3975	-0.5496	-0.5496	-0.3335	-0.3335	0.0000	0.0000	-0.5496
1353	1	2.713?SLL+1.3CF	0.1835	-0.7057	-0.7057	0.5571	0.5571	0.0000	0.0000	-0.7057
1354	0	2.713?SLL+1.3CF	-0.8821	-2.7317	-2.7317	-0.2613	-0.2613	0.0000	0.0000	-2.7317
1354	0	2.713?SLL+1.3CF	0.0293	0.4673	0.4673	0.5553	0.5553	0.0000	0.0000	0.5553
1354	1	2.713?SLL+1.3CF	-0.8821	0.5331	0.5331	-1.6328	-1.6328	0.0000	0.0000	-1.6328
1354	1	2.713?SLL+1.3CF	0.0293	0.3678	0.3678	0.5845	0.5845	0.0000	0.0000	0.5845
1356	0	2.713?SLL+1.3CF	-2.2277	-14.9955	7.5825	10.5401	-12.0380	0.0000	0.0000	-14.9955
1356	0	2.713?SLL+1.3CF	6.6371	-0.3639	1.8617	14.0581	12.0125	0.0000	0.0000	14.0581
1356	1	2.713?SLL+1.3CF	-2.2277	5.7254	-7.3029	-10.1809	2.8472	0.0000	0.0000	-10.1809
1356	1	2.713?SLL+1.3CF	6.6371	12.6845	12.2734	0.9797	1.4006	0.0000	0.0000	12.6845
1357	0	2.713?SLL+1.3CF	-7.5727	-6.7246	-10.1149	-6.4207	-5.0204	0.0000	0.0000	-10.1149
1357	0	2.713?SLL+1.3CF	2.3667	0.9868	1.8116	3.7788	2.9864	0.0000	0.0000	3.7788
1357	1	2.713?SLL+1.3CF	-7.5727	-6.6090	-3.4470	-8.5063	-11.6863	0.0000	0.0000	-11.6863
1357	1	2.713?SLL+1.3CF	2.3667	4.3228	2.9941	0.4546	1.7833	0.0000	0.0000	4.3228
1359	0	2.713?SLL+1.3CF	-1.3738	0.2363	-1.7882	-2.9838	-0.9594	0.0000	0.0000	-2.9838
1359	0	2.713?SLL+1.3CF	6.5446	-4.7496	-4.9855	17.9399	18.0746	0.0000	0.0000	18.0746
1359	1	2.713?SLL+1.3CF	-1.3738	-1.4740	-2.5464	-1.2739	-0.2011	0.0000	0.0000	-2.5464
1359	1	2.713?SLL+1.3CF	6.5446	17.7529	16.8180	-4.8639	-3.7298	0.0000	0.0000	17.7529
1360	0	2.713?SLL+1.3CF	-9.5297	-15.7114	-12.4712	-3.3479	-6.5881	0.0000	0.0000	-15.7114
1360	0	2.713?SLL+1.3CF	2.1677	2.9052	1.8372	1.4303	2.4863	0.0000	0.0000	2.9052
1360	1	2.713?SLL+1.3CF	-9.5297	-7.4041	-1.3959	-11.6552	-17.8635	0.0000	0.0000	-17.8635
1360	1	2.713?SLL+1.3CF	2.1677	2.7962	0.8662	1.9363	3.4373	0.0000	0.0000	3.4373
1362	0	2.713?SLL+1.3CF	-1.5801	-0.6625	-0.7320	-2.4777	-2.4283	0.0000	0.0000	-2.4777
1362	0	2.713?SLL+1.3CF	6.3847	-0.3201	-1.3095	17.0896	18.0788	0.0000	0.0000	18.0788
1362	1	2.713?SLL+1.3CF	-1.5801	-2.4068	-2.8413	-0.6633	-0.5188	0.0000	0.0000	-2.8413
1362	1	2.713?SLL+1.3CF	6.3847	18.0811	17.4762	-1.3217	-0.7068	0.0000	0.0000	18.0811
1363	0	2.713?SLL+1.3CF	-12.5101	-21.2785	-15.1684	-3.7418	-8.8518	0.0000	0.0000	-21.2785
1363	0	2.713?SLL+1.3CF	2.5152	4.0092	2.2069	1.0211	2.8234	0.0000	0.0000	4.0092

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1363	1	2.713?SLL+1.3CF	-12.5101	-8.3884	-4.6073	-18.6339	-20.4130	0.0000	0.0000	-20.4130
1363	1	2.713?SLL+1.3CF	2.5152	2.6884	1.0510	2.3409	3.8794	0.0000	0.0000	3.8794
1365	0	2.713?SLL+1.3CF	-1.8884	-1.3001	-1.3366	-2.5767	-2.4381	0.0000	0.0000	-2.5767
1365	0	2.713?SLL+1.3CF	11.0586	4.6451	4.2943	17.2721	17.8239	0.0000	0.0000	17.8239
1365	1	2.713?SLL+1.3CF	-1.8884	-2.0866	-3.0510	-1.6602	-0.7258	0.0000	0.0000	-3.0510
1365	1	2.713?SLL+1.3CF	11.0586	14.9601	20.0607	7.1571	2.0989	0.0000	0.0000	20.0607
1366	0	2.713?SLL+1.3CF	-15.2884	-21.0238	-17.2716	-6.5131	-13.2852	0.0000	0.0000	-21.0238
1366	0	2.713?SLL+1.3CF	2.4726	3.6729	2.1794	1.2723	2.7858	0.0000	0.0000	3.6729
1366	1	2.713?SLL+1.3CF	-15.2884	-10.2274	-15.5865	-20.3094	-14.9504	0.0000	0.0000	-20.3094
1366	1	2.713?SLL+1.3CF	2.4726	2.1028	1.9615	2.8424	2.9837	0.0000	0.0000	2.9837
1367	0	2.713?SLL+1.3CF	-5.7033	2.0803	-6.2858	-12.7209	0.0000	0.0000	0.0000	-12.7209
1367	0	2.713?SLL+1.3CF	0.4693	0.6474	0.1368	0.7465	0.0000	0.0000	0.0000	0.7465
1367	1	2.713?SLL+1.3CF	-5.7033	-10.5973	-7.0410	1.0570	0.0000	0.0000	0.0000	-10.5973
1367	1	2.713?SLL+1.3CF	0.4693	0.5628	0.7528	-0.0190	0.0000	0.0000	0.0000	0.7528
1368	0	2.713?SLL+1.3CF	-1.4804	-1.5374	-2.1868	-0.4355	0.0000	0.0000	0.0000	-2.1868
1368	0	2.713?SLL+1.3CF	1.3448	3.0530	3.3105	-3.0765	0.0000	0.0000	0.0000	3.3105
1368	1	2.713?SLL+1.3CF	-1.4804	-1.7304	-0.4820	-2.6088	0.0000	0.0000	0.0000	-2.6088
1368	1	2.713?SLL+1.3CF	1.3448	-0.6668	-1.2218	9.8989	0.0000	0.0000	0.0000	9.8989
1369	0	2.713?SLL+1.3CF	-0.8309	4.0881	4.0881	-2.6134	-2.6134	0.0000	0.0000	4.0881
1369	0	2.713?SLL+1.3CF	0.1095	0.1711	0.1711	0.0836	0.0836	0.0000	0.0000	0.1711
1369	1	2.713?SLL+1.3CF	-0.8309	-3.6446	-3.6446	0.7193	0.7193	0.0000	0.0000	-3.6446
1369	1	2.713?SLL+1.3CF	0.1095	0.4371	0.4371	-0.0281	-0.0281	0.0000	0.0000	0.4371
1370	0	2.713?SLL+1.3CF	-0.3561	-0.1883	-0.1883	-0.4359	-0.4359	0.0000	0.0000	-0.4359
1370	0	2.713?SLL+1.3CF	1.5269	-0.7946	-0.7946	2.5023	2.5023	0.0000	0.0000	2.5023
1370	1	2.713?SLL+1.3CF	-0.3561	-0.4190	-0.4190	-0.3297	-0.3297	0.0000	0.0000	-0.4190
1370	1	2.713?SLL+1.3CF	1.5269	3.0204	3.0204	0.8895	0.8895	0.0000	0.0000	3.0204
1372	0	2.713?SLL+1.3CF	-1.9410	-1.3895	-2.0789	-2.4824	-1.9030	0.0000	0.0000	-2.4824
1372	0	2.713?SLL+1.3CF	11.8605	5.7208	11.6295	18.0002	12.0918	0.0000	0.0000	18.0002
1372	1	2.713?SLL+1.3CF	-1.9410	-2.0456	-2.2042	-1.8363	-1.8777	0.0000	0.0000	-2.2042
1372	1	2.713?SLL+1.3CF	11.8605	15.1367	14.8762	8.5824	8.8418	0.0000	0.0000	15.1367
1373	0	2.713?SLL+1.3CF	-17.1499	-12.1910	-18.3643	-22.1068	-15.8355	0.0000	0.0000	-22.1068
1373	0	2.713?SLL+1.3CF	2.9523	2.1928	2.2242	3.7118	3.6804	0.0000	0.0000	3.7118
1373	1	2.713?SLL+1.3CF	-17.1499	-20.9268	-15.1396	-13.3730	-19.1602	0.0000	0.0000	-20.9268
1373	1	2.713?SLL+1.3CF	2.9523	4.3409	2.4607	1.5637	3.4440	0.0000	0.0000	4.3409

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1375	0	2.7137SLL+1.3CF	-1.7385	-1.9579	-2.1185	-1.5190	-1.3604	0.0000	0.0000	-2.1185
1375	0	2.7137SLL+1.3CF	10.9602	10.6495	10.3378	11.0710	11.5826	0.0000	0.0000	11.5826
1375	1	2.7137SLL+1.3CF	-1.7385	-1.5061	-1.6421	-1.9888	-1.8348	0.0000	0.0000	-1.9888
1375	1	2.7137SLL+1.3CF	10.9602	12.6135	11.7563	9.3070	10.1842	0.0000	0.0000	12.6135
1376	0	2.7137SLL+1.3CF	-16.6872	-18.6519	-12.9060	-14.7426	-20.4885	0.0000	0.0000	-20.4885
1376	0	2.7137SLL+1.3CF	2.7396	3.3550	1.4758	2.1241	4.0033	0.0000	0.0000	4.0033
1376	1	2.7137SLL+1.3CF	-16.6872	-22.2194	-12.6186	-11.1751	-20.7780	0.0000	0.0000	-22.2194
1376	1	2.7137SLL+1.3CF	2.7396	4.2541	1.8243	1.2250	3.8548	0.0000	0.0000	4.2541
1379	0	2.7137SLL+1.3CF	-1.6740	7.9115	-2.3100	-10.8596	-1.0280	0.0000	0.0000	-10.8596
1379	0	2.7137SLL+1.3CF	10.3563	10.0074	9.1324	10.7052	11.5802	0.0000	0.0000	11.5802
1379	1	2.7137SLL+1.3CF	-1.6740	-2.7995	-8.8966	-0.5466	6.5515	0.0000	0.0000	-8.8966
1379	1	2.7137SLL+1.3CF	10.3563	12.9218	11.9208	7.7908	8.7918	0.0000	0.0000	12.9218
1379	0	2.7137SLL+1.3CF	-16.2338	-20.1368	-15.5550	-12.3314	-21.9119	0.0000	0.0000	-21.9119
1379	0	2.7137SLL+1.3CF	2.6622	5.8570	3.2501	-0.5325	2.0744	0.0000	0.0000	5.8570
1379	1	2.7137SLL+1.3CF	-16.2338	-16.5540	-12.9428	-13.8129	-19.5241	0.0000	0.0000	-19.5241
1379	1	2.7137SLL+1.3CF	2.6622	1.5536	-0.1907	3.7706	5.5152	0.0000	0.0000	5.5152
1381	0	2.7137SLL+1.3CF	-3.4836	12.0800	-6.2183	-19.0721	1.2282	0.0000	0.0000	-19.0721
1381	0	2.7137SLL+1.3CF	14.9342	15.7188	13.7215	14.1518	16.1470	0.0000	0.0000	16.1470
1381	1	2.7137SLL+1.3CF	-3.4836	-22.1944	3.8032	16.2073	-10.5903	0.0000	0.0000	-22.1944
1381	1	2.7137SLL+1.3CF	14.9342	11.8212	16.4754	18.0473	11.3931	0.0000	0.0000	18.4754
1382	0	2.7137SLL+1.3CF	-16.3503	-16.8423	-13.3709	-13.7584	-19.3298	0.0000	0.0000	-19.3298
1382	0	2.7137SLL+1.3CF	3.8244	7.0809	6.3649	0.7679	1.2836	0.0000	0.0000	7.0809
1382	1	2.7137SLL+1.3CF	-16.3503	-13.8827	-19.8832	-16.8380	-12.8074	0.0000	0.0000	-19.8832
1382	1	2.7137SLL+1.3CF	3.8244	1.2065	3.1943	6.6422	4.6544	0.0000	0.0000	6.6422
1383	0	2.7137SLL+1.3CF	-3.2069	5.2978	-4.6234	-9.7562	0.0000	0.0000	0.0000	-9.7562
1383	0	2.7137SLL+1.3CF	1.6239	3.3571	2.2030	-0.9084	0.0000	0.0000	0.0000	3.3571
1383	1	2.7137SLL+1.3CF	-3.2069	-7.3475	-2.5335	0.0042	0.0000	0.0000	0.0000	-7.3475
1383	1	2.7137SLL+1.3CF	1.6239	1.3482	1.7486	1.7253	0.0000	0.0000	0.0000	1.7486
1384	0	2.7137SLL+1.3CF	-1.6058	-2.6993	-3.0925	1.8396	0.0000	0.0000	0.0000	-3.0925
1384	0	2.7137SLL+1.3CF	2.0509	-0.3213	2.3663	5.3146	0.0000	0.0000	0.0000	5.3146
1384	1	2.7137SLL+1.3CF	-1.6058	0.1712	0.6538	-6.5015	0.0000	0.0000	0.0000	-6.5015
1384	1	2.7137SLL+1.3CF	2.0509	3.6830	3.1402	0.3154	0.0000	0.0000	0.0000	3.6830
1385	0	2.7137SLL+1.3CF	-1.2030	3.2854	3.2854	-3.0867	-3.0867	0.0000	0.0000	3.2854
1385	0	2.7137SLL+1.3CF	0.2501	-0.5005	-0.5005	0.5854	0.5854	0.0000	0.0000	0.5854

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1385	1	2.7137SLL+1.3CF	-1.2030	-3.8863	-3.8863	-0.0758	-0.0758	0.0000	0.0000	-3.8863
1385	1	2.7137SLL+1.3CF	0.2501	0.6067	0.6067	0.1003	0.1003	0.0000	0.0000	0.6067
1386	0	2.7137SLL+1.3CF	-1.1581	-3.8143	-3.8143	-0.1263	-0.1263	0.0000	0.0000	-3.8143
1386	0	2.7137SLL+1.3CF	1.2793	0.0236	0.0236	1.8026	1.8026	0.0000	0.0000	1.8026
1386	1	2.7137SLL+1.3CF	-1.1581	0.4666	0.4666	-1.8542	-1.8542	0.0000	0.0000	-1.8542
1386	1	2.7137SLL+1.3CF	1.2793	1.6553	1.6553	1.1171	1.1171	0.0000	0.0000	1.6553
1388	0	2.7137SLL+1.3CF	-5.1853	-8.7963	12.1279	-1.5743	-22.4985	0.0000	0.0000	-22.4985
1388	0	2.7137SLL+1.3CF	14.1340	12.6888	16.2378	15.5625	10.0304	0.0000	0.0000	16.2378
1388	1	2.7137SLL+1.3CF	-5.1853	-8.0768	-16.6978	-2.2937	6.3273	0.0000	0.0000	-16.6978
1388	1	2.7137SLL+1.3CF	14.1340	13.0551	12.5799	15.2130	15.6882	0.0000	0.0000	15.6882
1389	0	2.7137SLL+1.3CF	-10.7589	-10.5130	-16.6674	-21.0649	-14.9126	0.0000	0.0000	-21.0649
1389	0	2.7137SLL+1.3CF	6.4185	8.8012	8.8765	6.2319	3.9568	0.0000	0.0000	8.8765
1389	1	2.7137SLL+1.3CF	-10.7589	-19.5146	-15.0723	-12.0633	-16.5058	0.0000	0.0000	-19.5146
1389	1	2.7137SLL+1.3CF	6.4185	5.6885	1.9442	7.1885	10.8887	0.0000	0.0000	10.8887
1391	0	2.7137SLL+1.3CF	-7.0592	6.2515	-7.5584	-22.3698	-6.5600	0.0000	0.0000	-22.3698
1391	0	2.7137SLL+1.3CF	13.1015	15.8603	15.3656	10.3427	10.8373	0.0000	0.0000	15.8603
1391	1	2.7137SLL+1.3CF	-7.0592	-9.1075	-19.8231	-5.0106	5.8047	0.0000	0.0000	-19.8231
1391	1	2.7137SLL+1.3CF	13.1015	11.2501	10.3707	14.8526	15.8323	0.0000	0.0000	15.8323
1392	0	2.7137SLL+1.3CF	-14.8299	-15.0608	-10.6218	-14.5974	-19.0361	0.0000	0.0000	-19.0361
1392	0	2.7137SLL+1.3CF	7.8287	13.1436	9.1631	2.7137	6.8844	0.0000	0.0000	13.1436
1392	1	2.7137SLL+1.3CF	-14.8299	-20.2506	-12.2137	-9.4073	-17.4441	0.0000	0.0000	-20.2506
1392	1	2.7137SLL+1.3CF	7.8287	7.7108	1.5837	8.1468	14.2837	0.0000	0.0000	14.2837
1394	0	2.7137SLL+1.3CF	-6.5770	6.6066	-6.7188	-23.7627	-7.4352	0.0000	0.0000	-23.7627
1394	0	2.7137SLL+1.3CF	12.1599	15.6722	14.7948	8.6475	9.5249	0.0000	0.0000	15.6722
1394	1	2.7137SLL+1.3CF	-6.5770	-12.3636	-18.6963	-4.7705	1.5422	0.0000	0.0000	-18.6963
1394	1	2.7137SLL+1.3CF	12.1599	9.5709	9.3092	14.7489	15.0105	0.0000	0.0000	15.0105
1395	0	2.7137SLL+1.3CF	-13.8133	-15.9679	-7.8620	-11.8288	-19.9645	0.0000	0.0000	-19.9645
1395	0	2.7137SLL+1.3CF	9.5287	15.1366	8.8113	3.9187	10.2462	0.0000	0.0000	15.1366
1395	1	2.7137SLL+1.3CF	-13.8133	-17.8651	-12.7730	-8.9815	-15.0539	0.0000	0.0000	-17.8651
1395	1	2.7137SLL+1.3CF	9.5287	8.8730	4.9791	10.3845	14.0794	0.0000	0.0000	14.0794
1397	0	2.7137SLL+1.3CF	-9.9862	3.4183	-11.2775	-23.3888	-8.8948	0.0000	0.0000	-23.3888
1397	0	2.7137SLL+1.3CF	11.2390	14.4778	14.2239	8.0003	8.2540	0.0000	0.0000	14.4778
1397	1	2.7137SLL+1.3CF	-9.9862	-26.5736	-5.2627	6.8015	-14.7096	0.0000	0.0000	-26.5736
1397	1	2.7137SLL+1.3CF	11.2390	8.1409	11.3862	18.3370	11.3917	0.0000	0.0000	18.3370

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1396	0	2.7137SLL+1.3CF	-13.0851	-14.0237	-9.9463	-12.1466	-17.2240	0.0000	0.0000	-17.2240
1396	0	2.7137SLL+1.3CF	10.8227	14.1019	10.1543	7.5439	11.4810	0.0000	0.0000	14.1019
1396	1	2.7137SLL+1.3CF	-13.0851	-11.8494	-10.9165	-14.3208	-10.2537	0.0000	0.0000	-15.9165
1396	1	2.7137SLL+1.3CF	10.8227	9.0225	11.8630	13.6238	8.7824	0.0000	0.0000	13.6238
1399	0	2.7137SLL+1.3CF	-3.2578	5.4624	-5.7599	-6.5244	0.0000	0.0000	0.0000	-6.5244
1399	0	2.7137SLL+1.3CF	2.2132	5.1654	3.0099	-1.8368	0.0000	0.0000	0.0000	5.1654
1399	1	2.7137SLL+1.3CF	-3.2578	-7.0856	-1.8364	-1.3818	0.0000	0.0000	0.0000	-7.0856
1399	1	2.7137SLL+1.3CF	2.2132	1.3721	2.0764	3.2445	0.0000	0.0000	0.0000	3.2445
1400	0	2.7137SLL+1.3CF	-2.1975	-2.6173	-3.1102	-0.5161	0.0000	0.0000	0.0000	-3.1102
1400	0	2.7137SLL+1.3CF	2.0743	0.1917	1.8485	4.2887	0.0000	0.0000	0.0000	4.2887
1400	1	2.7137SLL+1.3CF	-2.1975	-1.4502	-0.4627	-5.3118	0.0000	0.0000	0.0000	-5.3118
1400	1	2.7137SLL+1.3CF	2.0743	4.5342	2.9024	-1.5265	0.0000	0.0000	0.0000	4.5342
1401	0	2.7137SLL+1.3CF	-0.8832	2.2922	2.2922	-2.3593	-2.3593	0.0000	0.0000	-2.3593
1401	0	2.7137SLL+1.3CF	0.5708	-1.8613	-1.8613	1.6341	1.6341	0.0000	0.0000	-1.8613
1401	1	2.7137SLL+1.3CF	-0.8832	-2.7845	-2.7845	-0.2269	-0.2269	0.0000	0.0000	-2.7845
1401	1	2.7137SLL+1.3CF	0.5708	2.1998	2.1998	-0.1140	-0.1140	0.0000	0.0000	2.1998
1402	0	2.7137SLL+1.3CF	-1.5101	-3.3477	-3.3477	-0.7302	-0.7302	0.0000	0.0000	-3.3477
1402	0	2.7137SLL+1.3CF	1.0640	3.1607	3.1607	1.4435	1.4435	0.0000	0.0000	1.4435
1402	1	2.7137SLL+1.3CF	-1.5101	0.0188	0.0188	-2.1525	-2.1525	0.0000	0.0000	-2.1525
1402	1	2.7137SLL+1.3CF	1.0640	1.2536	1.2536	0.9644	0.9644	0.0000	0.0000	1.2536
1404	0	2.7137SLL+1.3CF	-10.5270	-14.5938	2.9873	-6.4803	-24.0514	0.0000	0.0000	-24.0514
1404	0	2.7137SLL+1.3CF	10.4242	11.3193	15.1957	9.5291	5.8528	0.0000	0.0000	15.1957
1404	1	2.7137SLL+1.3CF	-10.5270	-10.5313	-20.3987	-10.5228	-0.6554	0.0000	0.0000	-20.3987
1404	1	2.7137SLL+1.3CF	10.4242	8.2855	7.8756	12.5629	12.9728	0.0000	0.0000	12.9728
1405	0	2.7137SLL+1.3CF	-12.0068	-8.6205	-12.4861	-15.3868	-11.5510	0.0000	0.0000	-15.3868
1405	0	2.7137SLL+1.3CF	11.8667	10.0136	13.8607	13.9798	10.0328	0.0000	0.0000	13.9798
1405	1	2.7137SLL+1.3CF	-12.0068	-15.3274	-11.5879	-8.6897	-12.4191	0.0000	0.0000	-15.3274
1405	1	2.7137SLL+1.3CF	11.8667	13.4821	9.8295	10.5112	15.1638	0.0000	0.0000	15.1638
1407	0	2.7137SLL+1.3CF	-11.0599	-1.2893	-12.4475	-20.8505	-9.6723	0.0000	0.0000	-20.8505
1407	0	2.7137SLL+1.3CF	9.1786	11.5321	11.1334	8.8251	7.2239	0.0000	0.0000	11.5321
1407	1	2.7137SLL+1.3CF	-11.0599	-13.4602	-17.2906	-8.6396	-4.8291	0.0000	0.0000	-17.2906
1407	1	2.7137SLL+1.3CF	9.1786	7.9748	7.6190	10.3826	10.7383	0.0000	0.0000	10.7383
1408	0	2.7137SLL+1.3CF	-10.9790	-10.5774	-6.8412	-11.3803	-15.1167	0.0000	0.0000	-15.1167
1408	0	2.7137SLL+1.3CF	12.3847	15.4259	10.7354	9.3435	14.0341	0.0000	0.0000	15.4259

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1408	1	2.7137SLL+1.3CF	-10.9790	-15.7962	-9.6147	-6.1917	-12.1432	0.0000	0.0000	-15.7962
1408	1	2.7137SLL+1.3CF	12.3847	14.8648	7.9277	8.9048	17.2418	0.0000	0.0000	17.2418
1410	0	2.7137SLL+1.3CF	-11.2060	-8.1735	-8.6167	-16.2391	-12.7982	0.0000	0.0000	-16.2391
1410	0	2.7137SLL+1.3CF	7.8285	8.5312	8.1754	7.1259	7.4817	0.0000	0.0000	8.5312
1410	1	2.7137SLL+1.3CF	-11.2060	-14.8992	-13.8155	-7.4134	-8.4671	0.0000	0.0000	-14.8992
1410	1	2.7137SLL+1.3CF	7.8285	7.5391	8.0461	8.1180	8.0113	0.0000	0.0000	8.0461
1411	0	2.7137SLL+1.3CF	-9.8053	-10.3813	-4.4296	-8.2292	-15.1810	0.0000	0.0000	-15.1810
1411	0	2.7137SLL+1.3CF	12.6482	16.0995	8.9256	8.2099	16.3708	0.0000	0.0000	16.3708
1411	1	2.7137SLL+1.3CF	-9.8053	-13.7407	-10.4259	-5.9899	-9.1947	0.0000	0.0000	-13.7407
1411	1	2.7137SLL+1.3CF	12.6482	15.1362	11.1498	10.1602	14.1496	0.0000	0.0000	15.1362
1413	0	2.7137SLL+1.3CF	-6.7997	-8.5354	-2.4724	-5.0641	-11.1270	0.0000	0.0000	-11.1270
1413	0	2.7137SLL+1.3CF	4.3794	3.1723	4.6814	5.5865	4.0773	0.0000	0.0000	5.5865
1413	1	2.7137SLL+1.3CF	-6.7997	-7.4434	-7.8284	-6.1561	-5.7701	0.0000	0.0000	-7.8284
1413	1	2.7137SLL+1.3CF	4.3794	4.4796	4.8220	4.2621	3.9367	0.0000	0.0000	4.8220
1414	0	2.7137SLL+1.3CF	-6.5562	-6.0814	-4.7886	-8.0310	-12.3426	0.0000	0.0000	-12.3426
1414	0	2.7137SLL+1.3CF	12.0260	12.5879	8.5787	11.4641	15.4733	0.0000	0.0000	15.4733
1414	1	2.7137SLL+1.3CF	-6.5562	-7.9035	-11.8364	-6.2089	-5.4760	0.0000	0.0000	-11.8364
1414	1	2.7137SLL+1.3CF	12.0260	10.0003	15.3188	14.0518	8.7355	0.0000	0.0000	15.3188
1415	0	2.7137SLL+1.3CF	-3.3093	-0.4941	-4.2023	-4.8821	0.0000	0.0000	0.0000	-4.8821
1415	0	2.7137SLL+1.3CF	2.3513	2.3904	2.5958	1.9744	0.0000	0.0000	0.0000	2.5958
1415	1	2.7137SLL+1.3CF	-3.3093	-4.5497	-3.0313	-2.4527	0.0000	0.0000	0.0000	-4.5497
1415	1	2.7137SLL+1.3CF	2.3513	2.5447	2.1777	2.3974	0.0000	0.0000	0.0000	2.5447
1416	0	2.7137SLL+1.3CF	-2.2988	-1.6822	-1.7942	-3.6113	0.0000	0.0000	0.0000	-3.6113
1416	0	2.7137SLL+1.3CF	2.5318	3.0860	3.0661	1.2381	0.0000	0.0000	0.0000	3.0860
1416	1	2.7137SLL+1.3CF	-2.2988	-2.6705	-2.7159	-1.3926	0.0000	0.0000	0.0000	-2.7159
1416	1	2.7137SLL+1.3CF	2.5318	3.0478	1.7411	3.1074	0.0000	0.0000	0.0000	3.1074
1417	0	2.7137SLL+1.3CF	-0.5634	-0.2620	-0.2620	-0.6900	-0.6900	0.0000	0.0000	-0.6900
1417	0	2.7137SLL+1.3CF	0.8809	0.0330	0.0330	0.9531	0.9531	0.0000	0.0000	0.9531
1417	1	2.7137SLL+1.3CF	-0.5634	-0.6318	-0.6318	-0.5347	-0.5347	0.0000	0.0000	-0.6318
1417	1	2.7137SLL+1.3CF	0.8809	0.9609	0.9609	0.5549	0.5549	0.0000	0.0000	0.9609
1418	0	2.7137SLL+1.3CF	-1.6009	-1.7998	-1.7998	-1.5168	-1.5168	0.0000	0.0000	-1.7998
1418	0	2.7137SLL+1.3CF	0.7401	0.0814	0.0814	1.0189	1.0189	0.0000	0.0000	1.0189
1418	1	2.7137SLL+1.3CF	-1.6009	-0.5791	-0.5791	-2.0301	-2.0301	0.0000	0.0000	-2.0301
1418	1	2.7137SLL+1.3CF	0.7401	0.9606	0.9606	0.6336	0.6336	0.0000	0.0000	0.9606

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1420	0	2.7137SLL+1.3CF	-4.4439	-4.2757	-4.6446	-4.6140	-4.0430	0.0000	0.0000	-4.6446
1420	0	2.7137SLL+1.3CF	2.9480	2.7832	3.6015	3.1068	2.2906	0.0000	0.0000	3.6015
1420	1	2.7137SLL+1.3CF	-4.4439	-4.3884	-4.6667	-4.4883	-4.2191	0.0000	0.0000	-4.6667
1420	1	2.7137SLL+1.3CF	2.9480	2.8255	2.8833	3.0886	3.0088	0.0000	0.0000	3.0886
1421	0	2.7137SLL+1.3CF	-7.1256	-4.2637	-7.8333	-9.9676	-6.6180	0.0000	0.0000	-9.9676
1421	0	2.7137SLL+1.3CF	11.0065	7.5051	12.5581	14.5119	9.4810	0.0000	0.0000	14.5119
1421	1	2.7137SLL+1.3CF	-7.1256	-9.2349	-7.8443	-5.0164	-6.6070	0.0000	0.0000	-9.2349
1421	1	2.7137SLL+1.3CF	11.0065	13.3815	10.4358	8.6356	11.5813	0.0000	0.0000	13.3815
1423	0	2.7137SLL+1.3CF	-3.6234	-4.0115	-4.1857	-3.6352	-3.4810	0.0000	0.0000	-4.1857
1423	0	2.7137SLL+1.3CF	2.4362	2.6947	2.7477	2.1816	2.1399	0.0000	0.0000	2.7477
1423	1	2.7137SLL+1.3CF	-3.6234	-3.5454	-4.0228	-4.1013	-3.6239	0.0000	0.0000	-4.1013
1423	1	2.7137SLL+1.3CF	2.4362	2.1706	2.4412	2.7055	2.4351	0.0000	0.0000	2.7055
1424	0	2.7137SLL+1.3CF	-6.2544	-5.2424	-3.6685	-7.2464	-6.8402	0.0000	0.0000	-6.8402
1424	0	2.7137SLL+1.3CF	9.8848	10.2801	7.3408	9.7096	12.6492	0.0000	0.0000	12.6492
1424	1	2.7137SLL+1.3CF	-6.2544	-6.4331	-6.2808	-3.0757	-6.2280	0.0000	0.0000	-6.4331
1424	1	2.7137SLL+1.3CF	9.8848	13.8200	8.3039	6.1697	11.6868	0.0000	0.0000	13.8200
1428	0	2.7137SLL+1.3CF	-3.6715	-3.8746	-4.0220	-3.4683	-3.3039	0.0000	0.0000	-4.0220
1428	0	2.7137SLL+1.3CF	2.1028	2.2339	2.4897	1.9818	1.7156	0.0000	0.0000	2.4897
1428	1	2.7137SLL+1.3CF	-3.6715	-3.3040	-3.8457	-4.0389	-3.4872	0.0000	0.0000	-4.0389
1428	1	2.7137SLL+1.3CF	2.1028	1.8782	2.0638	2.3274	2.1827	0.0000	0.0000	2.3274
1427	0	2.7137SLL+1.3CF	-5.3016	-5.0844	-1.8343	-5.5188	-6.8689	0.0000	0.0000	-6.8689
1427	0	2.7137SLL+1.3CF	9.1547	9.3627	4.4645	6.3288	13.8450	0.0000	0.0000	13.8450
1427	1	2.7137SLL+1.3CF	-5.3016	-7.8644	-6.0997	-2.7369	-4.5335	0.0000	0.0000	-7.8644
1427	1	2.7137SLL+1.3CF	9.1547	12.8980	9.0154	5.9115	8.7941	0.0000	0.0000	12.8980
1429	0	2.7137SLL+1.3CF	-3.2178	-3.3530	-3.7465	-3.0828	-2.6871	0.0000	0.0000	-3.7465
1429	0	2.7137SLL+1.3CF	1.7112	1.8757	2.0494	1.5498	1.3729	0.0000	0.0000	2.0494
1429	1	2.7137SLL+1.3CF	-3.2178	-3.3807	-2.7020	-3.0549	-3.7336	0.0000	0.0000	-3.7336
1429	1	2.7137SLL+1.3CF	1.7112	1.5864	1.5126	1.8239	1.9097	0.0000	0.0000	1.9097
1430	0	2.7137SLL+1.3CF	-4.4780	-4.1274	-2.3325	-4.8287	-6.6235	0.0000	0.0000	-6.6235
1430	0	2.7137SLL+1.3CF	8.5403	8.7227	5.4683	8.3579	11.6123	0.0000	0.0000	11.6123
1430	1	2.7137SLL+1.3CF	-4.4780	-4.0267	-6.0305	-4.9293	-2.9255	0.0000	0.0000	-6.0305
1430	1	2.7137SLL+1.3CF	8.5403	7.3418	11.1214	9.7390	5.9592	0.0000	0.0000	11.1214
1431	0	2.7137SLL+1.3CF	-3.0125	-2.0630	-3.0725	-5.8794	0.0000	0.0000	0.0000	-5.8794
1431	0	2.7137SLL+1.3CF	1.7827	1.6723	1.9399	1.8781	0.0000	0.0000	0.0000	1.9399

RESULT ENVELOPE :Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1431	1	2.7137SLL+1.3CF	-3.0125	-4.5853	-3.4425	-0.8463	0.0000	0.0000	0.0000	-4.5853
1431	1	2.7137SLL+1.3CF	1.7827	1.8831	1.6835	1.7506	0.0000	0.0000	0.0000	1.8831
1432	0	2.7137SLL+1.3CF	-1.8334	-1.1186	-1.1801	-3.8145	0.0000	0.0000	0.0000	-3.8145
1432	0	2.7137SLL+1.3CF	1.9008	2.7976	2.4686	0.1914	0.0000	0.0000	0.0000	2.7976
1432	1	2.7137SLL+1.3CF	-1.8334	-2.5429	-2.5455	-0.4790	0.0000	0.0000	0.0000	-2.5455
1432	1	2.7137SLL+1.3CF	1.9008	1.7502	1.1128	3.1382	0.0000	0.0000	0.0000	3.1382
1433	0	2.7137SLL+1.3CF	-0.2153	-0.0466	-0.0466	-0.2862	-0.2862	0.0000	0.0000	-0.2862
1433	0	2.7137SLL+1.3CF	0.4318	-0.0162	-0.0162	0.6200	0.6200	0.0000	0.0000	0.6200
1433	1	2.7137SLL+1.3CF	-0.2153	-0.2028	-0.2028	-0.2206	-0.2206	0.0000	0.0000	-0.2206
1433	1	2.7137SLL+1.3CF	0.4318	0.6451	0.6451	0.3421	0.3421	0.0000	0.0000	0.6451
1434	0	2.7137SLL+1.3CF	-1.2779	-1.3067	-1.3067	-1.2862	-1.2862	0.0000	0.0000	-1.3067
1434	0	2.7137SLL+1.3CF	0.3428	0.6307	0.6307	0.2216	0.2216	0.0000	0.0000	0.6307
1434	1	2.7137SLL+1.3CF	-1.2779	-0.4459	-0.4459	-1.6274	-1.6274	0.0000	0.0000	-1.6274
1434	1	2.7137SLL+1.3CF	0.3428	0.0606	0.0606	0.4611	0.4611	0.0000	0.0000	0.4611
1436	0	2.7137SLL+1.3CF	-2.7209	-3.0606	-3.0977	-2.3479	-2.3440	0.0000	0.0000	-3.0977
1436	0	2.7137SLL+1.3CF	1.3724	1.2831	1.9640	1.4617	0.7908	0.0000	0.0000	1.9640
1436	1	2.7137SLL+1.3CF	-2.7209	-2.2324	-2.7767	-3.2093	-2.8651	0.0000	0.0000	-3.2093
1436	1	2.7137SLL+1.3CF	1.3724	1.2075	1.1827	1.5373	1.5521	0.0000	0.0000	1.5521
1437	0	2.7137SLL+1.3CF	-3.2964	-1.8030	-3.4039	-4.7999	-3.1693	0.0000	0.0000	-4.7999
1437	0	2.7137SLL+1.3CF	9.0186	4.0121	7.3501	9.8251	6.4871	0.0000	0.0000	9.8251
1437	1	2.7137SLL+1.3CF	-3.2964	-4.7001	-4.2580	-1.8028	-2.3349	0.0000	0.0000	-4.7001
1437	1	2.7137SLL+1.3CF	9.0186	9.3679	8.0520	4.4653	5.7852	0.0000	0.0000	9.3679
1439	0	2.7137SLL+1.3CF	-1.9891	-2.1405	-2.6821	-1.8327	-1.2961	0.0000	0.0000	-2.6821
1439	0	2.7137SLL+1.3CF	0.9295	1.1649	1.1458	0.6941	0.7132	0.0000	0.0000	1.1649
1439	1	2.7137SLL+1.3CF	-1.9891	-1.6354	-1.8495	-2.3428	-2.1288	0.0000	0.0000	-2.3428
1439	1	2.7137SLL+1.3CF	0.9295	0.7560	0.7792	1.0910	1.0798	0.0000	0.0000	1.0910
1440	0	2.7137SLL+1.3CF	-2.4400	-0.8084	-0.3618	-4.0735	-4.5183	0.0000	0.0000	-4.5183
1440	0	2.7137SLL+1.3CF	5.5055	3.0495	1.7186	7.9612	9.2918	0.0000	0.0000	9.2918
1440	1	2.7137SLL+1.3CF	-2.4400	-4.7259	-3.7216	-0.1541	-1.1563	0.0000	0.0000	-4.7259
1440	1	2.7137SLL+1.3CF	5.5055	10.1063	7.4097	0.9023	3.6009	0.0000	0.0000	10.1063
1442	0	2.7137SLL+1.3CF	-1.4289	-1.9040	-2.0802	-0.9539	-0.7777	0.0000	0.0000	-2.0802
1442	0	2.7137SLL+1.3CF	0.7337	1.0108	1.0178	0.4048	0.4496	0.0000	0.0000	1.0178
1442	1	2.7137SLL+1.3CF	-1.4289	-0.3941	-1.1184	-2.2638	-1.7395	0.0000	0.0000	-2.2638
1442	1	2.7137SLL+1.3CF	0.7337	0.3062	0.5696	1.1612	0.8984	0.0000	0.0000	1.1612

RESULT ENVELOPE Member Stresses @ (P/A) @ Centroid (kips/in²)

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1443	0	2.713?SLL+1.3CF	-1.4851	-0.5736	0.8323	-2.5964	-3.6025	0.0000	0.0000	-3.6025
1443	0	2.713?SLL+1.3CF	3.0876	1.2139	-1.0523	4.9615	7.2276	0.0000	0.0000	7.2276
1443	1	2.713?SLL+1.3CF	-1.4851	-3.2020	-2.6189	0.2318	-0.3817	0.0000	0.0000	-3.2020
1443	1	2.713?SLL+1.3CF	3.0876	6.5429	5.1197	-0.3676	1.0556	0.0000	0.0000	6.5429
1445	0	2.713?SLL+1.3CF	-0.3287	-0.3604	-0.9041	-0.2771	0.2466	0.0000	0.0000	-0.9041
1445	0	2.713?SLL+1.3CF	0.1846	0.1984	0.4589	0.1299	-0.1306	0.0000	0.0000	0.4589
1445	1	2.713?SLL+1.3CF	-0.3287	-0.3533	0.3682	-0.3042	-1.0237	0.0000	0.0000	-1.0237
1445	1	2.713?SLL+1.3CF	0.1846	0.3668	-0.4053	-0.0373	0.7346	0.0000	0.0000	0.7346
1446	0	2.713?SLL+1.3CF	-0.8025	-0.0993	0.4652	-1.5058	-2.0902	0.0000	0.0000	-2.0902
1446	0	2.713?SLL+1.3CF	1.5814	-0.2738	-1.7202	3.4065	4.8629	0.0000	0.0000	4.8629
1446	1	2.713?SLL+1.3CF	-0.8025	-0.9819	-1.3081	-0.6432	-0.2989	0.0000	0.0000	-1.3081
1446	1	2.713?SLL+1.3CF	1.5814	3.0836	3.6087	0.0792	-0.4480	0.0000	0.0000	3.6087
1447	0	2.713?SLL+1.3CF	-2.4284	-1.1378	-1.1556	-5.4761	0.0000	0.0000	0.0000	-5.4761
1447	0	2.713?SLL+1.3CF	1.1540	-0.2916	-0.3064	4.8053	0.0000	0.0000	0.0000	4.8053
1447	1	2.713?SLL+1.3CF	-2.4284	-5.1672	-5.8236	0.2561	0.0000	0.0000	0.0000	-5.8236
1447	1	2.713?SLL+1.3CF	1.1540	2.3836	2.7103	-2.2239	0.0000	0.0000	0.0000	2.7103
1448	0	2.713?SLL+1.3CF	-1.9150	0.4425	-0.3039	-6.4985	0.0000	0.0000	0.0000	-6.4985
1448	0	2.713?SLL+1.3CF	0.8795	-0.5830	-0.1301	4.0496	0.0000	0.0000	0.0000	4.0496
1448	1	2.713?SLL+1.3CF	-1.9150	-4.3883	-3.2982	3.4268	0.0000	0.0000	0.0000	-4.3883
1448	1	2.713?SLL+1.3CF	0.8795	2.8535	2.1811	-2.5768	0.0000	0.0000	0.0000	2.8535
1449	0	2.713?SLL+1.3CF	-0.0334	-0.2582	-0.2582	0.0610	0.0610	0.0000	0.0000	-0.2582
1449	0	2.713?SLL+1.3CF	0.1588	0.4771	0.4771	0.0222	0.0222	0.0000	0.0000	0.4771
1449	1	2.713?SLL+1.3CF	-0.0334	-0.0275	-0.0275	-0.0359	-0.0359	0.0000	0.0000	-0.0359
1449	1	2.713?SLL+1.3CF	0.1588	0.0184	0.0184	0.2150	0.2150	0.0000	0.0000	0.2150
1450	0	2.713?SLL+1.3CF	-0.2940	-0.3001	-0.3001	-0.2915	-0.2915	0.0000	0.0000	-0.3001
1450	0	2.713?SLL+1.3CF	0.5728	0.5210	0.5210	0.5845	0.5845	0.0000	0.0000	0.5845
1450	1	2.713?SLL+1.3CF	-0.2940	-0.2434	-0.2434	-0.3153	-0.3153	0.0000	0.0000	-0.3153
1450	1	2.713?SLL+1.3CF	0.5728	0.5186	0.5186	0.5855	0.5855	0.0000	0.0000	0.5855

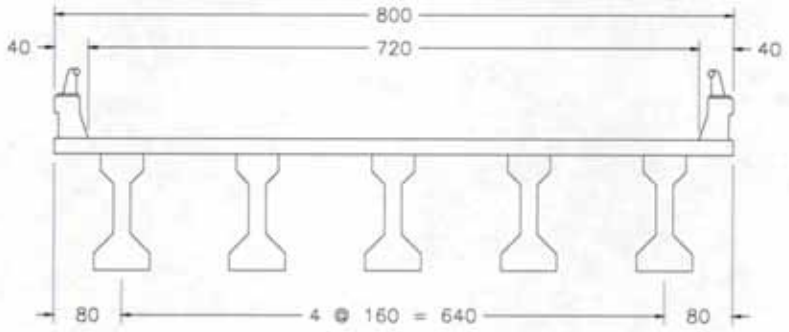
DISEÑO DE VIGA PRESFORZADA DE 27.96 M

EJE 50

DISTRIBUIDOR JT

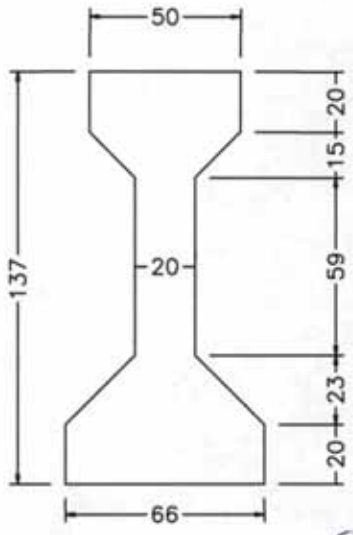
1. Sección transversal

La sección transversal del puente se muestra en la siguiente figura:



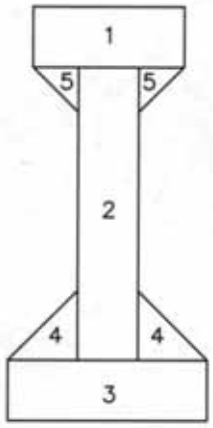
2. Propiedades de la sección

La viga que se propone posee las siguientes dimensiones:



2.1 Propiedades de la sección

El cálculo de las propiedades de la viga se muestra en la siguiente tabla:



Elemento	Ancho	Altura	Area	y	Ay	d	d2	Ad2	I	I+Ad2
1	50.00	20.00	1,000.00	127.00	127,000.00	64.59	4,171.82	4,171,818.46	33,333.33	4,205,151.80
2	20.00	97.00	1,940.00	68.50	132,890.00	6.09	37.08	71,941.83	1,521,121.67	1,593,063.50
3	66.00	20.00	1,320.00	10.00	13,200.00	-52.41	2,746.85	3,625,839.86	44,000.00	3,669,839.86
4	23.00	23.00	529.00	27.67	14,635.67	-34.74	1,207.13	638,569.61	15,546.72	654,116.33
5	15.00	15.00	225.00	112.00	25,200.00	49.59	2,459.13	553,304.25	2,812.50	556,116.75
Totales			**5,014.00**		**312,925.67**			**9,061,474.01**	**1,616,814.22**	**10,678,288.23**

La distancia a la fibra superior e inferior es respectivamente:

c1 = 74.59 cm

c2 = 62.41 cm

El módulo de sección superior e inferior es respectivamente:

$$S1 = \frac{I}{c1} = 143{,}161 \text{ cm3}$$

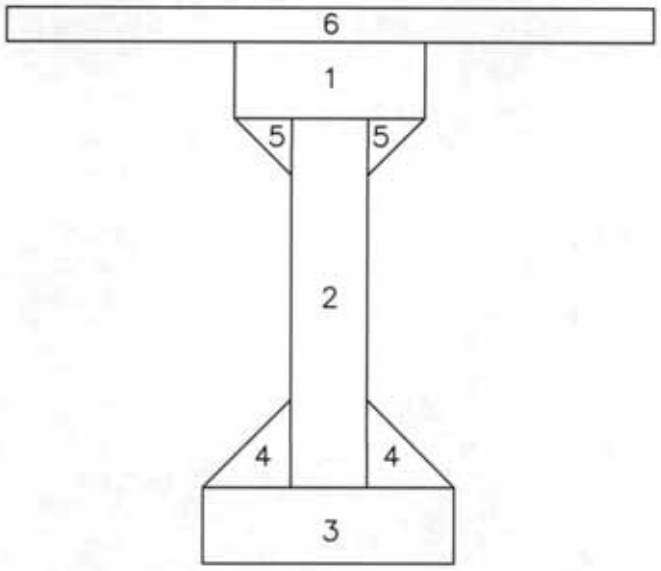
$$S2 = \frac{I}{c2} = 171{,}098 \text{ cm3}$$

2.2 Propiedades de la sección compuesta

El ancho efectivo de losa que trabaja en acción compuesta con la viga al centro del claro es igual a:

$$Befectivo = \frac{Blosa}{N} = \frac{160}{1.265} = 126.5$$

Las propiedades de la sección compuesta se muestran en la siguiente tabla:



Elemento	Ancho	Altura	Area	y	Ay	d	d2	Ad2	I	I+Ad2
	(cm)	(cm)	(cm2)	(cm)	(cm3)	(cm4)	(cm)	(cm2)	(cm4)	(cm4)
1	50.00	20.00	1,000.00	127.00	127,000.00	38.49	1,481.14	1,481,141.68	33,333.33	1,514,475.02
2	20.00	97.00	1,940.00	68.50	132,890.00	-20.01	400.58	777,117.56	1,521,121.67	2,298,239.23
3	66.00	20.00	1,320.00	10.00	13,200.00	-78.51	6,164.51	8,137,153.78	44,000.00	8,181,153.78
4	23.00	23.00	529.00	27.67	14,635.67	-60.85	3,702.45	1,958,594.05	15,546.72	1,974,140.77
5	15.00	15.00	225.00	112.00	25,200.00	23.49	551.57	124,104.05	2,812.50	126,916.55
6	126.49	18.00	2,276.84	146.00	332,418.63	57.49	3,304.59	7,524,032.94	61,474.68	7,585,507.62
Totales			**7,290.84**		**645,344.29**			**20,002,144.07**	**1,678,288.90**	**21,680,432.97**

La distancia a la fibra superior e inferior es respectivamente:

c1 = 66.5 cm

c2 = 88.5 cm

El módulo de sección superior e inferior es respectivamente:

$$S1losa = \frac{I}{c1} = 326{,}092 \text{ cm3}$$

$$S1viga = \frac{I}{c1viga} = 447{,}152 \text{ cm3}$$

$$S2 = \frac{I}{c2} = 244{,}937 \text{ cm3}$$

3. Claro de la viga

La longitud total de la es de 27.96 m, tomando el eje de apoyos a 30 cm de la parte final de la viga el claro de diseño es de:

Claro = 27.96 - 0.60 = 27.36 m

4. Cargas Muertas antes de la acción compuesta

4.1 Peso Propio

$Wpp = 2{,}400 \times 0.5014 = 1{,}203$ kg/m

4.2 Losa

$Wlosa = 2{,}400 \times 0.20 \times 1.6 = 768$ kg/m

4.3 Diafragmas

Se colocarán 3 diafragmas, dos en los extremos y uno en el centro:

Peso Diafragma $= 2{,}400 \times 0.30 \times 1.40 \times 1.17 = 1{,}179$ kg

5. Cargas Muertas después de la acción compuesta

$$WDL_{NC} = \frac{530 + 1901 + 530}{5}$$

$WDL_{NC} = 593$ kg/m

6. Cargas Vivas

6.1 Camión T3-S2-R4

El momento y cortante máximo producido por un camión T3-S2-R4 en una línea es igual a:

$M_{T3\text{-}S2\text{-}R4}$= 303.4 Ton-m

$V_{T3\text{-}S2\text{-}R4}$= 48.4 Ton

6.2 Impacto

De acuerdo al inciso 3.8.2 del AASHTO el impacto se puede estimar como:

$$I = \frac{50}{L+125} = \frac{50}{96.3+125} = 0.23$$

6.3 Factor de distribución de línea

6.3.1 Factor de distribución de acuerdo al AASHTO

De acuerdo al reglamento del AASHTO, en su inciso 3.23.2, el factor de distribución de línea de carga para cada viga interior es igual a:

$$DFint = \frac{S}{11} = \frac{5.25}{11} = 0.48$$

6.3.2 Factor de distribución por COURBON

El factor de distribución por el método del COURBON, se puede expresar mediante la siguiente fórmula

$$DF = \frac{\Sigma P}{Nvigas} + \frac{\Sigma Mc}{Stablero}$$

Por lo que substituyendo se obtiene que:

Pv = 2 líneas

Mc = 1.20

$$FD_{2lineas} = \frac{2}{5} + \frac{1.20}{8} = 0.55$$

6.4 Elementos mecánicos de diseño por carga viva

Vviva+impacto = 0.55 × 1.23× 48.4 Ton = 32.8 Ton

Mviva+impacto = 0.55 ×1.23 × 303.4 Ton-m = 205.7 Ton-m

7. Esfuerzos permisibles

Los esfuerzos permisibles que se utilizarán en el diseño de la viga son

7.1 Esfuerzos permisibles en el acero de presfuerzo

El esfuerzo al tensado en el acero de presfuerzo será igual a :

fpsi = 0.75 fpu = 14,250 kg/cm2

7.2 Esfuerzos permisibles en el concreto

Los esfuerzos en el concreto no serán mayores de los que se indican en la siguiente tabla:

	Compresión	***Tensión***
Al tensar	0.60 f´ci	$1.6\sqrt{f'ci}$
En Operación	0.40 f´c	$0.8\sqrt{f'c}$

Sustituyendo los valores de f´ci y f´c en la tabla anterior nos queda que:

f´c= 400 kg/cm2

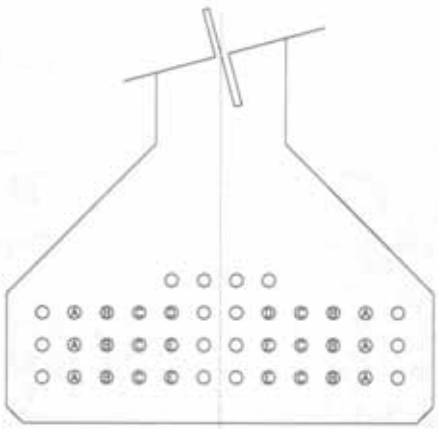
f´ci = 0.80 × 400 kg/cm2 = 320 kg/cm2

	Compresión	***Tensión***
Al tensar	192 kg/cm2	28.6 kg/cm2
En Operación	160 kg/cm2	16.0 kg/cm2

8. Acomodo de presfuerzo

Se propone utilizar 40 torones de ½" de diámetro de acero de refuerzo de baja relajación con una resistencia a la ruptura no menor de 19,000 kg/cm2.

El acomodo del acero de presfuerzo se hará de la siguiente manera:



40 TORONES DE 1/2"

LONGITUDES DE ENDUCTAMIENTO					
GRUPO	CAPA-1	CAPA-2	CAPA-3	CAPA-4	LONGITUD DE ENDUCTAMIENTO
A	2	2	2	0	1.5
B	2	2	2	0	2.5
C	2	2	2	0	4.0
D	0	0	2	0	5
E	0	2	0	0	7
F	2	0	0	0	9

9. Cálculo de pérdidas en el acero de presfuerzo

Las pérdidas se calcularán en base al inciso 9.16 del AASHTO

9.1 Pérdidas por contracción

Las pérdidas por contracción y temperatura son iguales a:

SH = 17,000 - 150 RH

SH = 562 kg/cm2

9.2 Pérdidas por acortamiento elástico

$$ES = \frac{Es}{Eci} \times fcir$$

ES = 1,278 kg/cm2

9.3 Pérdidas por flujo plástico en el concreto

CRc = 12 fcir - 7 fcds

CRc = 1,639 kg/cm2

9.4 Pérdidas por relajamiento en el acero

CRs = 5,000 - 0.10 ES - 0.05 (SH + CRc)

CRs = 114 kg/cm2

9.5 Fuerza final en el acero

El total de las pérdidas es igual a:

Pérdidas = 3,593 kg/cm2

La fuerza inicial de presfuerzo es igual a:

Pi = 14,250 × 0.987 × 40 = 562,590 kg

La fuerza después de que ocurra el total de las pérdidas es igual a:

Pfinal = (14,250 – 3593) × .987 × 40 = 420,726 kg

10. Revisión de esfuerzos al centro del claro en la etapa de servicio

El estado de esfuerzos al centro del claro en la etapa de servicio se muestra en la siguiente tabla:

	Fibra Inferior de Viga (Kg/cm2)	***Fibra Superior de Viga (Kg/cm2)***	***Fibra Superior de Losa (Kg/cm2)***
Presfuerzo	205.41	-61.30	0.00
Peso Propio	-65.81	78.65	0.00
Muerta (NC)	-46.70	55.82	0.00
Muerta (C)	-22.65	12.41	17.02
Viva+Impacto	-83.78	45.90	62.93
Total	-13.54	131.48	79.95

Los esfuerzos finales son inferiores a los permisibles, por lo que el acero de presfuerzo es adecuado.

11. Revisión por resistencia última

11.1 Momento último

De acuerdo al AASHTO, el momento último es igual a:

Mu = 1.3 (DL + 1.67 (LL+I))

Mu = 1.3 (248.0 + 1.67 (205.7)) = 769 Ton-m

11.2 Resistencia flexión

La resistencia a flexión de una viga presforzada esta dada por la siguiente expresión:

$$\phi Mn = \phi(Aps \times fps + As \times fy) \times \left(dp - \frac{a}{2} \right)$$

$$a = \frac{Aps \times fps + As \times fy}{0.85 f'c \times b}$$

Substituyendo se obtiene que:

Aps= 40 torones activos × 0.987 = 39.48 cm2

dp = 137 + 18 – 13 = 142 cm

b= 160 cm

f´c =250 kg/cm2

$$fps = fpu \left[1 - \frac{\gamma^*}{\beta_1} \left(\frac{\rho_p \times fpu}{f'c} \right) \right] = 18{,}173 \text{ kg/cm2}$$

La fuerza de compresión total es igual a:

C = 18173 × 39.48 = 717,487 kg

El bloque de compresiones penetra en la losa una distancia igual a:

$$a = \frac{717487}{0.85 \times 250 \times 160} = 21.1 \text{ cm} > 18 \text{ cm}$$

$$a \text{ viga} = \frac{717487 - 612000}{0.85 \times 400 \times 50} = 6.21 \text{ cm}$$

Por lo que el momento resistente es igual a:

$\phi Mn = 0.90 \times (612 \times (1.42\text{-}0.18/2) + 105.5 \times (1.42\text{-}0.18\text{-}.06/2))$

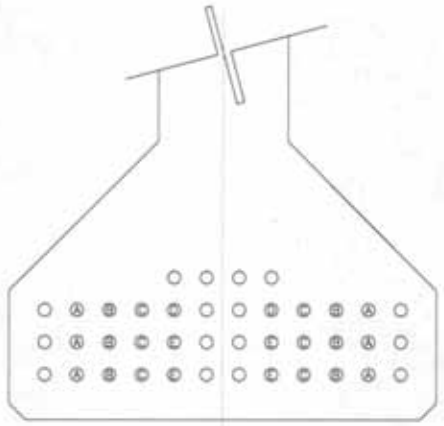
$\phi Mn = 847.5$ Ton-m > Mu

$\therefore$ La viga es adecuada por resistencia última

12. Revisión de esfuerzos en etapa de transferencia

12.1 Adherencia de torones

Se propone romper la adherencia de 14 torones de acuerdo a la siguiente tabla, tal y como se muestra en el diagrama:



40 TORONES DE 1/2"

LONGITUDES DE ENDUCTAMIENTO					
GRUPO	CAPA-1	CAPA-2	CAPA-3	CAPA-4	LONGITUD DE ENDUCTAMIENTO
A	2	2	2	0	1.5
B	2	2	2	0	2.5
C	2	2	2	0	4.0
D	0	0	2	0	5
E	0	2	0	0	7
F	2	0	0	0	9

Grupo	***Capa 1***	***Capa 2***	***Capa 3***	***Capa 4***	***Longitud de enductamiento***
A	2	2	2	0	1.5 m
B	2	2	2	0	2.5 m
C	2	2	2	0	4.0 m
D	0	0	2	0	5.0 m
E	0	2	0	0	7.0 m
F	2	0	0	0	9.0 m

12.2 Revisión de esfuerzos

La revisión de esfuerzos en la etapa de transferencia se muestra en la siguiente tabla:

Sección	*Torones Activos*	*Esfuerzo Inferior (Kg/cm2)*	*Esfuerzo Superior (Kg/cm2)*	
0.64	16.00	92.19	-20.49	Ok
1.50	22.00	122.53	-23.13	Ok
2.50	28.00	152.27	-25.04	Ok
4.00	34.00	179.22	-23.62	Ok
5.00	36.00	184.67	-18.92	Ok
7.00	38.00	186.52	-9.91	Ok
9.00	40.00	191.93	-5.17	Ok

13. Diseño a cortante

13.1 Resistencia del concreto a cortante

La resistencia del concreto a cortante de acuerdo al AASHTO en su inciso 9.20.2 la resistencia a cortante deberá ser la menor de Vci ó Vcw, que se evalúan de acuerdo a las siguientes expresiones.

$$Vci = 0.6\sqrt{f'c}\ bwd + Vd + \frac{ViMcr}{Mmax}$$

$$Vcw = (3.5\sqrt{f'c} + 0.30\ fpe)\ bwd + Vp$$

Un resumen de la resistencia del concreto a cortante se muestra en la siguiente tabla:

Distancia del apoyo (metros)	*Vci (Ton)*	*Vcw (Ton)*	*Vc (Ton)*
0.78	347.78	66.93	66.93
2.74	117.41	81.30	81.30
5.47	77.02	101.07	77.02
8.21	47.84	111.92	47.84
10.94	29.58	118.13	29.58
13.68	24.95	119.73	24.95

13.2 Requerimiento de acero

De acuerdo al AASHTO en su inciso 9.20 la sección crítica para cortante se localiza a una distancia igual a h/2 del extremo de la viga.

En la siguiente tabla se muestran los requerimientos de acero para la sección crítica y a cada décimo del claro:

Distancia del apoyo (metros)	*Vu (Ton)*	*Vs (Ton)*	*Av/s (cm2/m)*
0.78	112.39	65.29	10.95
2.74	96.39	32.10	5.38
5.47	77.73	14.43	2.42
8.21	57.52	19.83	3.33
10.94	38.00	15.12	2.54
13.68	20.50	-0.82	-0.14

13.3 Separación máxima

La separación máxima es la menor de 0.75h, 60 cm, 4 veces el alma ó :

$$Smax = \frac{Avfy}{3.5bv} = 61 \text{ cm}$$

∴ La separación máxima de estribos del No. 4 es igual a 60 cm

13.4 Revisión a corte horizontal

Con la separación máxima del punto 2.13.3 de esta memoria se satisface el acero mínimo requerido en el inciso 9.20.4.3 del AASHTO, por lo que la resistencia a cortante es igual a:

$\phi Vn = 0.85 \times 350 \times bv \times d = 0.85 \times 350 \times 19.7 \times 55.9 = 323.5$ kips

$\phi Vn = 146.7$ Ton > Vu

∴ El acero mínimo es adecuado por corte horizontal

14. Diseño en las zonas de anclaje

De acuerdo al inciso 9.22 se deberá proveer de estribos trabajando a un esfuerzo de 1,400 kg/cm2 que resistan el 4% de la fuerza total de presfuerzo, y serán distribuidos un una distancia igual a h/4 del borde de la viga.

$P = 562{,}590 \text{ kg} \times 0.04 = 22{,}504 \text{ kg}$

$$\text{As req} = \frac{22504}{1400} = 16.1 \text{ cm2}$$

∴ Colocar 5 estribos del No.5 distribuido a 35 cm del borde de la viga.

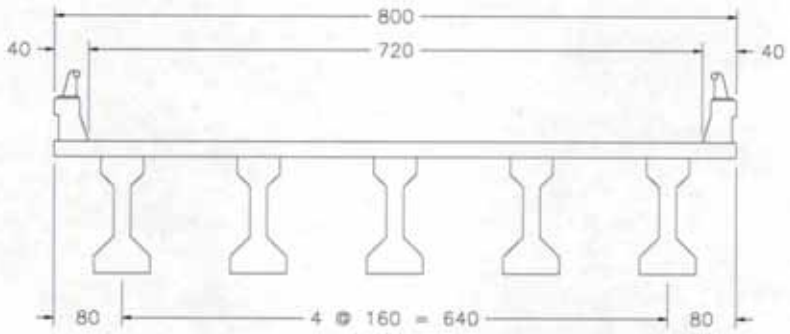
DISEÑO DE LOSA REFORZADA

EJE 50

DISTRIBUIDOR JT

1. Sección transversal

La sección transversal del puente que se propone se muestra en el siguiente diagrama:



2. Claro de diseño para la losa

De acuerdo al reglamento del AASHTO en su 16a. Edición en su apartado 3.24.1.2 el claro de una losa apoyada sobre vigas es igual al claro libre.

S = 160 - 50 = 110 cm

3. Cargas Muertas

Peso Propio = 2,400 × 0.18 = 432 kg/m2

Carpeta = 2,200 × 0.12 = 264 kg/m2

Total Carga Muerta = 432 + 264 = 696 kg/m2

El momento por carga muerta por metro de ancho esta dado por :

$$Mdl = \frac{W \times L^2}{10} = 84 \text{ kg-m/m}$$

4. Cargas Vivas

De acuerdo al inciso 3.24.3.1 del reglamento del AASHTO, el momento debido a carga viva para una losa es igual a :

$$Mll = 0.80 \times \frac{S+2}{32} \times P$$

donde :

S = 1.10 m = 3.61 ft

$P_{HS\text{-}20}$ =16,000 lb

Sustituyendo:

$$M_{LL} = 0.80 \times \frac{3.61+2}{32} \times 16000 = 2{,}244 \text{ lb-ft/ft} = 1{,}018 \text{ kg-m/m}$$

5. Impacto

De acuerdo al inciso 3.8.2 del AASHTO el impacto se puede estimar como :

$$I = \frac{50}{L+125} = \frac{50}{3.61+125} = 0.39$$

El impacto no debe ser mayor del 30 % por lo que para el diseño de la losa se usará un 30% de impacto.

6. Momento de diseño

El momento de servicio para la losa es igual a :

$M = M_{DL} + M_{LL} + M_{Impacto}$

$M = 84 + 1.3\ (1018) = 1{,}407$ kg-m/m

7. Diseño a flexión

La losa se diseñará utilizando la teoría de esfuerzos permisibles. De acuerdo al reglamento del AASHTO en su apartado 8.15 los esfuerzos permisibles para el acero y concreto a flexión son :

fs = 24,000 psi = 1,680 kg/cm2

fc = 0.40 f´c = 100 kg/cm2

Por lo que el peralte mínimo de la losa se puede encontrar como :

$$d = \sqrt{\frac{2 \times M}{fc \times k \times j \times b}}$$

Sustituyendo los siguientes valores se obtiene que :

M = 140,700 kg-cm/m

$$N = \frac{2.039 \times 10^6}{15100\sqrt{250}} = 8.54$$

$$k = \frac{8.54}{8.54 + \frac{1680}{100}} = 0.337$$

$$j = 1 - \frac{k}{3} = 0.888$$

b = 100 cm

$$dmin = \sqrt{\frac{2 \times 140700}{100 \times 0.337 \times 0.888 \times 100}} = 9.7 \text{ cm}$$

Por lo que el espesor mínimo de losa es igual a :

hmin = 9.7 + 0.6 + 4 = 14.3 cm < 18 cm ∴ El peralte es adecuado

d = 18 – 0.6 - 4.0 = 13.4 cm

El acero requerido a flexión en la parte superior e inferior de la losa es igual a :

$$As\ req = \frac{140700}{1680 \times 0.888 \times 13.4} = 7.04 \text{ cm2/m}$$

∴ Utilizar varillas del No.4 @ 15 cm arriba y abajo.

8. Acero de distribución

De acuerdo con el inciso 3.24.10 del AASHTO, se deberá proveer acero en la parte inferior de la losa perpendicular al acero principal de acuerdo a la siguiente fórmula:

$$\% = \frac{220}{\sqrt{S}} = \frac{220}{\sqrt{3.61}} = 116\% \quad \therefore \quad \text{Utilizar el } 67\%$$

Asdistribución = 7.04 cm2/m × 0.67 = 4.72 cm2/m

∴ Utilizar varillas del #4 @ 20 cm en la parte de abajo

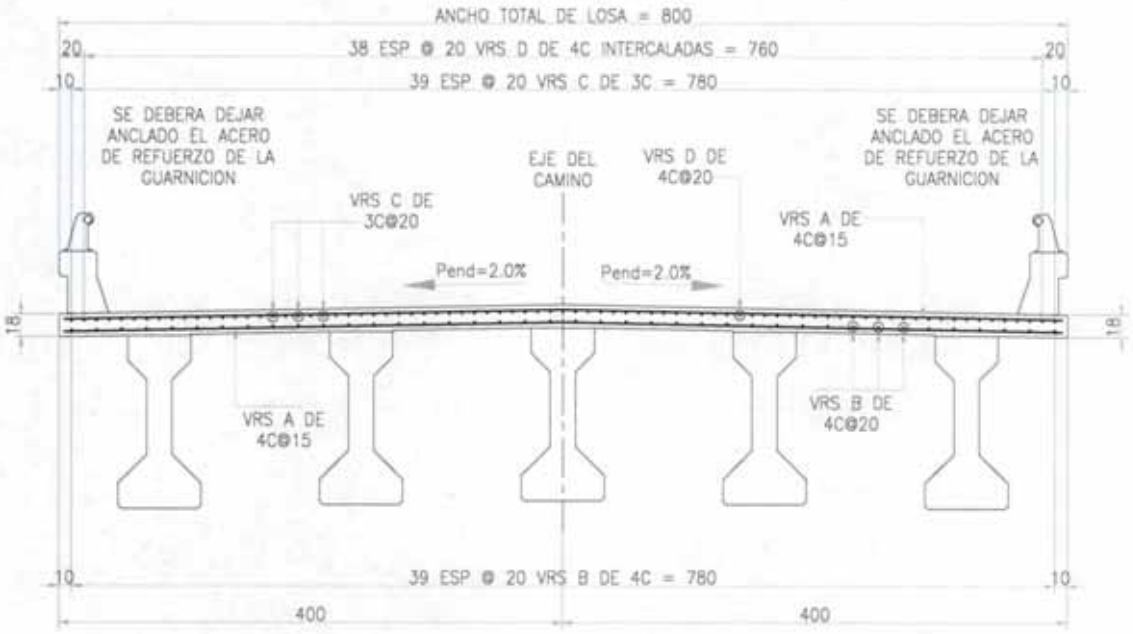
9. Acero por temperatura

El acero de refuerzo por temperaturas es igual a :

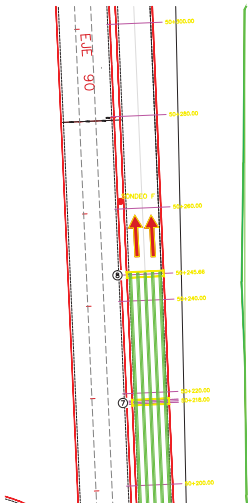
$As = 0.0018 \times 100 \times 18 = 3.24\ cm2/m$

$\therefore$ Utilizar varillas del #3 @ 20 cm en la parte de arriba

10. Croquis de la losa



LISTADO DE PLANOS EJE 50	
API-GI-JT50- OC01-E01	PLANO GENERAL
API-GI-JT50- OC01-E02	LOSA DE CLARO 1-2
API-GI-JT50- OC01-E03	LOSA DE CLARO 2-3, 3-4 Y 4-5
API-GI-JT50- OC01-E04	LOSA DE CLARO 5-6
API-GI-JT50- OC01-E05	LOSA DE CLARO 6-7
API-GI-JT50- OC01-E06	LOSA DE CLARO 7-8
API-GI-JT50- OC01-E07	DIAFRAGMAS DE CLARO 1-2
API-GI-JT50- OC01-E08	DIAFRAGMAS DE CLARO 2-5
API-GI-JT50- OC01-E09	DIAFRAGMAS DE CLARO 5-6
API-GI-JT50- OC01-E10	DIAFRAGMAS DE 6-7 Y 7-8
API-GI-JT50- OC01-E11	PLANO DE VIGA 1 DE CLARO 1-2
API-GI-JT50- OC01-E12	PLANO DE VIGA 2 DE CLARO 1-2
API-GI-JT50- OC01-E13	PLANO DE VIGA 3 DE CLARO 1-2
API-GI-JT50- OC01-E14	PLANO DE VIGA 4 DE CLARO 1-2
API-GI-JT50- OC01-E15	PLANO DE VIGA 5 DE CLARO 1-2
API-GI-JT50- OC01-E16	PLANO DE VIGA 1 DE CLARO 2-5
API-GI-JT50- OC01-E17	PLANO DE VIGA 2 DE CLARO 2-5
API-GI-JT50- OC01-E18	PLANO DE VIGA 3 DE CLARO 2-5
API-GI-JT50- OC01-E19	PLANO DE VIGA 4 DE CLARO 2-5
API-GI-JT50- OC01-E20	PLANO DE VIGA 5 DE CLARO 2-5
API-GI-JT50- OC01-E21	PLANO DE VIGA 1 A LA 5 DE CLARO 5-6, 6-7 Y 7-8
API-GI-JT50- OC01-E22	PLANO DE ESTRIBO 1
API-GI-JT50- OC01-E23	PLANO DE ESTRIBO 2
API-GI-JT50- OC01-E24	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 2
API-GI-JT50- OC01-E25	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 3
API-GI-JT50- OC01-E26	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 4
API-GI-JT50- OC01-E27	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 5
API-GI-JT50- OC01-E28	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 6
API-GI-JT50- OC01-E29	PLANO DE ZAPATA Y COLUMNA EN PILA INTERMEDIA 7
API-GI-JT50- OC01-E30	PLANO DE CABEZAL EN PILA INTERMEDIA 2
API-GI-JT50- OC01-E31	PLANO DE CABEZAL EN PILA INTERMEDIA 3
API-GI-JT50- OC01-E32	PLANO DE CABEZAL EN PILA INTERMEDIA 4
API-GI-JT50- OC01-E33	PLANO DE CABEZAL EN PILA INTERMEDIA 5
API-GI-JT50- OC01-E34	PLANO DE CABEZAL EN PILA INTERMEDIA 6
API-GI-JT50- OC01-E35	PLANO DE CABEZAL EN PILA INTERMEDIA 7
API-GI-JT50- OC01-E36	PLANO DE RAMPAS DE ACCESO
API-GI-JT50- OC01-E37	PLANTA DE TRAZO DE APOYOS
API-GI-JT50- OC01-E38	PLANO DE LOSAS DE ACCESO
API-GI-JT50- OC01-E39	PLANO DE NOTAS Y DETALLES


EJE 90
EJE 90
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50+000.00
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50+040.00
50+060.00
50+080.00
50+100.00
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50+140.00
50+160.00
50+180.00
50+200.00
50+220.00
50+240.00
50+260.00
50+280.00
50+300.00
50+320.00
50+340.00
50+360.00
50+380.00
50+400.00
50+420.00
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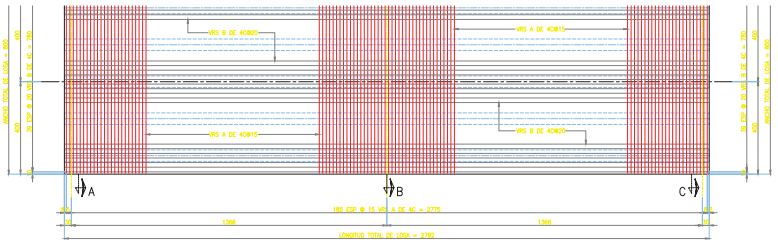
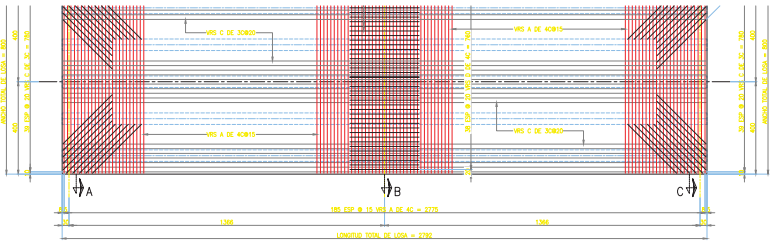
50+760.00
50+780.00



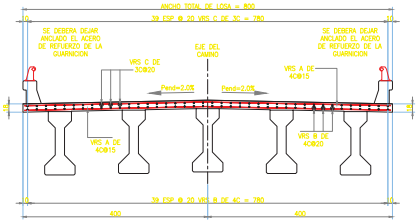
PARRILLA INFERIOR

ESC: 1-100



PARRILLA SUPERIOR

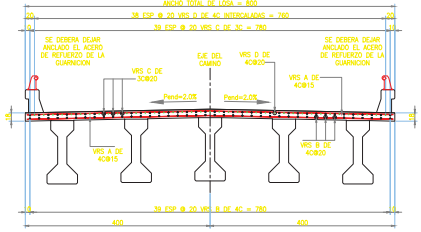
ESC: 1-100



SECCION TRANSVERSAL DE LOSA EN PILA 7

SECCION A-A

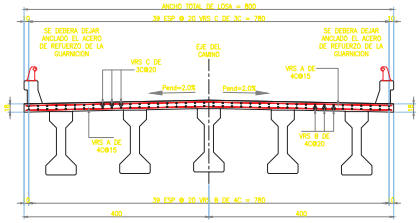
ESC: 1-50



SECCION TRANSVERSAL INTERMEDIA DE LOSA 7-8

SECCION B-B

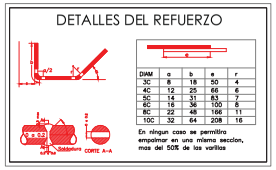
ESC: 1-50

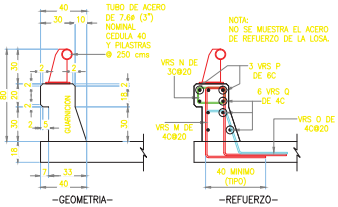


SECCION TRANSVERSAL DE LOSA EN ESTRIBO 8

SECCION C-C

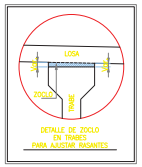
ESC: 1-50





DETALLES DE GUARNICION

ESC: 1-20



NOTAS:

- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=250kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 250kg/cm2 en Losa	40.52	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	4,901	kg
Cimbra Aparente en Losa	166.49	m2
Concreto f'c = 250kg/cm2 en Guarnicion	8.04	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	1,758	kg
Cimbra Aparente en Guarnicion	61.44	m2

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 2792

Nombre	A	B	C	D	E	M	N	O	P	Q
Diametro	4C	4C	3C	4C	4C	4C	3C	4C	6C	4C
Numero	372	40	40	39	40	280	280	280	6	12
Long. Tot.	792	2784	2784	300	300	220	100	100	2784	2784
Croquis										
a	792	2784	2784	300	300	61	24	42	2784	2784
b	--	--	--	--	--	18	14	40	--	--
Peso	2935	1109	620	117	120	614	156	279	376	333

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT EJE 50

PLANO DE LOSA DE 2792

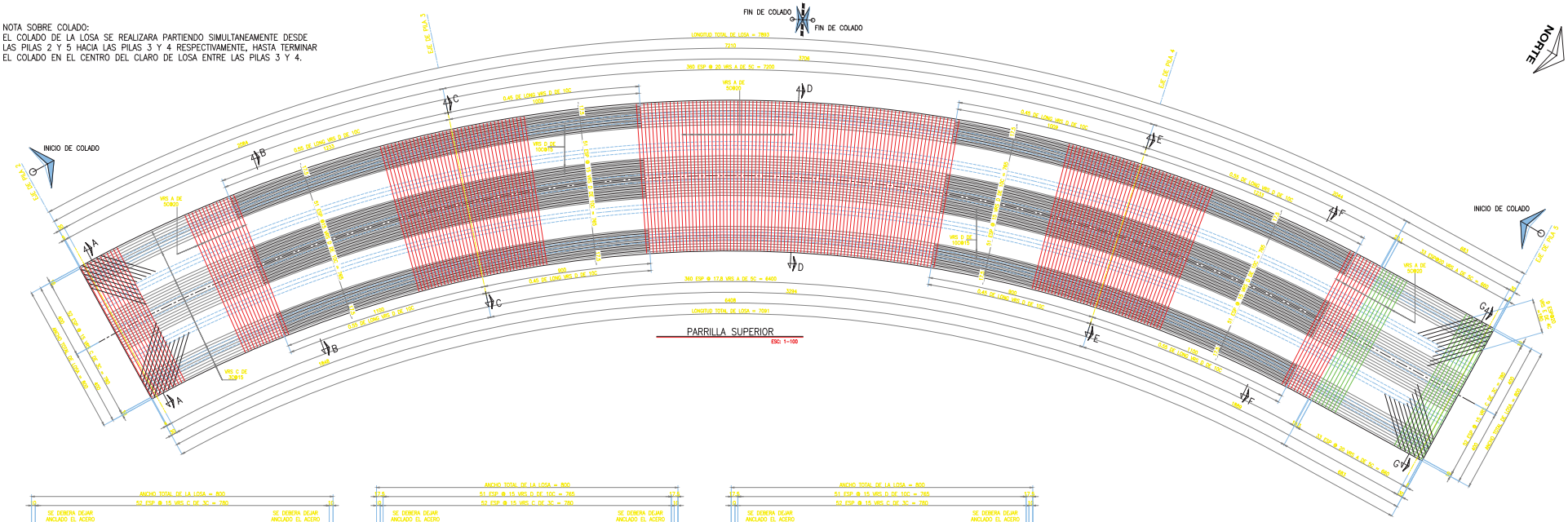
TRAMO 7-8 EJE 50

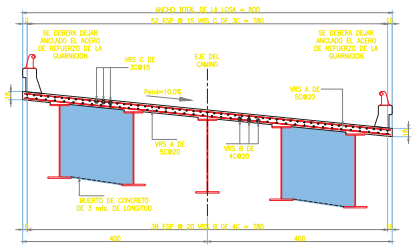
APROBADO PARA CONSTRUCCION

No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha	aprobación para construcción	aprobación de proyecto
1							GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
0	REVISION GENERAL DE PLANOS ESTRUCTURALES					09/02/09		
0	EMITIDO					15/06/08	ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIVÁN CARRERA

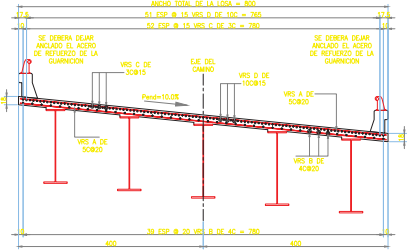
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	6 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-CI-JT50-OC01-E06	

NOTA SOBRE COLADO:
EL COLADO DE LA LOSA SE REALIZARA PARTIENDO SIMULTANEAMENTE DESDE LAS PILAS 2 Y 5 HACIA LAS PILAS 3 Y 4 RESPECTIVAMENTE, HASTA TERMINAR EL COLADO EN EL CENTRO DEL CLARO DE LOSA ENTRE LAS PILAS 3 Y 4.

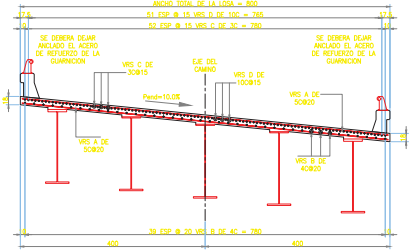




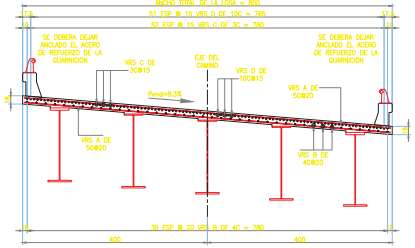
SECCION TRANSVERSAL DE LOSA EN PILA 2
SECCION A-A
ESC: 1-50



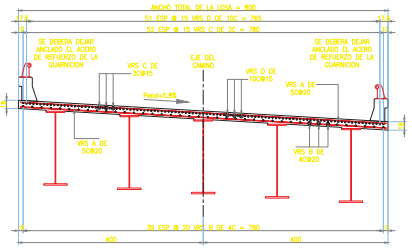
SECCION TRANSVERSAL INTERMEDIA DE LOSA 2-3
SECCION B-B
ESC: 1-50



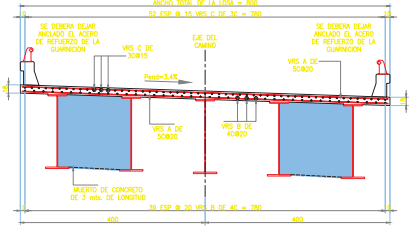
SECCION TRANSVERSAL DE LOSA EN PILA 3
SECCION C-C
ESC: 1-50



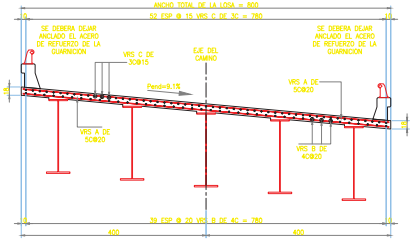
SECCION TRANSVERSAL DE LOSA EN PILA 4
SECCION E-E
ESC: 1-50



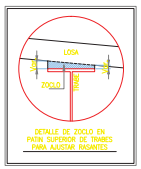
SECCION TRANSVERSAL INTERMEDIA DE LOSA 4-5
SECCION F-F
ESC: 1-50



SECCION TRANSVERSAL DE LOSA EN PILA 5
SECCION G-G
ESC: 1-50



SECCION TRANSVERSAL INTERMEDIA DE LOSA 3-4
SECCION D-D
ESC: 1-50



APROBADO PARA CONSTRUCCION

No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha
0	REVISION GENERAL DE PLANOS ESTRUCTURALES					MAYO/08
0	EMITIDO					15/DIC/08

aprobación para construcción
GERENTE DE INGENIERIA

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON
ARQ. FRANCISCO LIAÑO CARRERA

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

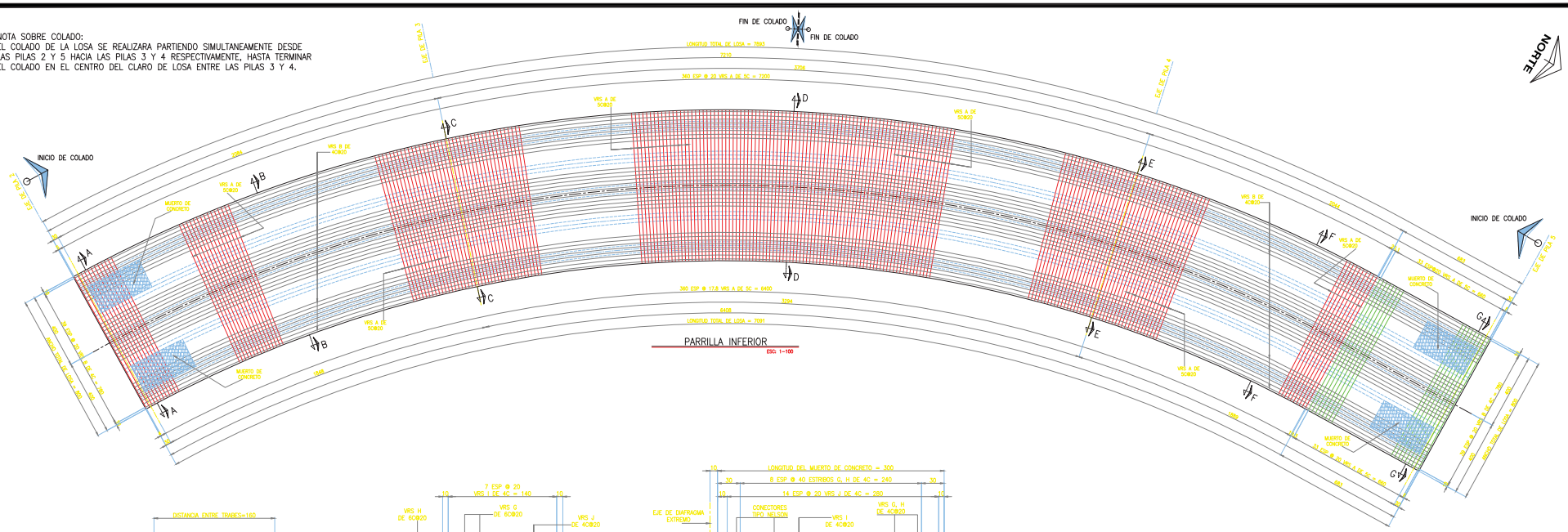
SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

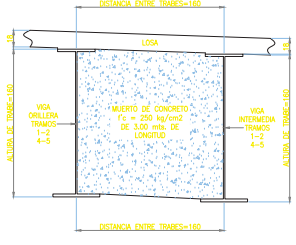
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT — EJE 50
PLANO DE LOSA DE 7492
TRAMO 2-3-4-5 EJE 50 HOJA 2 DE 2

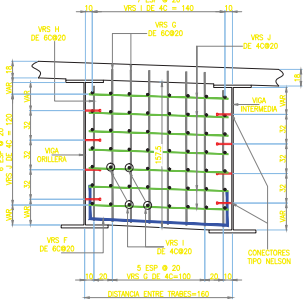
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	3 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT50-0001-E03	

NOTA SOBRE COLADO:
EL COLADO DE LA LOSA SE REALIZARA PARTIENDO SIMULTANEAMENTE DESDE LAS PILAS 2 Y 5 HACIA LAS PILAS 3 Y 4 RESPECTIVAMENTE, HASTA TERMINAR EL COLADO EN EL CENTRO DEL CLARO DE LOSA ENTRE LAS PILAS 3 Y 4.

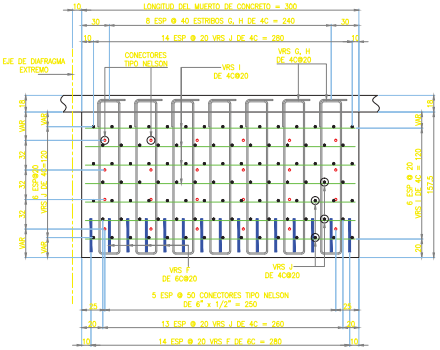




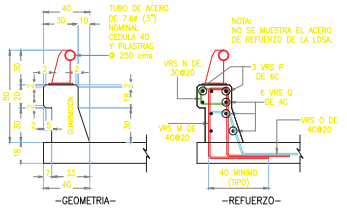
SECCION DEL MUERTO DE CONCRETO EN TRABES ORILLERAS



SECCION TRANVERSAL DEL ARMADO DEL MUERTO



SECCION LONGITUDINAL DEL ARMADO DEL MUERTO



DETALLES DE GUARNICION
ESC: 1-20

DETALLES DE MUERTOS DE CONCRETO EN LOSA 2-3-4-5
ESC: 1-25

TABLA DE VARILLAS PARA 4 MUERTOS EN LOSA

Nombre	F	G	H	I	J
Diametro	6C	4C	4C	4C	4C
Numero	60	168	56	224	408
Long. Tot.	221	430	386	292	150
Croquis					
a	149	167	145	292	150
b	36	23	23	---	---
Peso	298	720	215	652	610

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 7492

Nombre	A	B	C	D	E	M	N	O	P		Q	
Diametro	5C	4C	3C	10C	4C	4C	3C	4C	6C		4C	
Numero	790	40	53	2 JGOS DE 52	40	750	750	750	3	3	6	6
Long. Tot.	792	M=7875 m=7093	M=7875 m=7093	M=2242 m=2000	300	220	100	100	7893	7091	7893	7091
Croquis												
a	792	M=7875 m=7093	M=7875 m=7093	M=2242 m=2000	300	61	24	42	7893	7091	7893	7091
b	---	---	---	---	---	18	14	40	---	---	---	---
Peso	9761	2982	2209	13731	120	1644	418	747	533	479	472	424

DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	8	18	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas

NOTAS:
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 350kg/cm2 en Losa	110.89	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	28,803	kg
Cimbra Aparente en Losa	475.63	m2
Concreto f'c = 250kg/cm2 en Guarnicion	21.58	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	4,717	kg
Cimbra Aparente en Guarnicion	163.90	m2
Concreto f'c = 250kg/cm2 en Muertos	30.05	m3
Acero de refuerzo LE>4,200kg/cm2 en Muertos	2,495	kg
Cimbra Aparente en Muertos	33.68	m2
Conectores tipo Nelson de 6" X 1/2"	192	pz

APROBADO PARA CONSTRUCCION

No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha	aprobación para construcción	aprobación de proyecto
							GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
1	REVISION GENERAL DE PLANOS ESTRUCTURALES					18/03/08	ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIÑO CARRERA
0	EMITIDO					15/08/08		

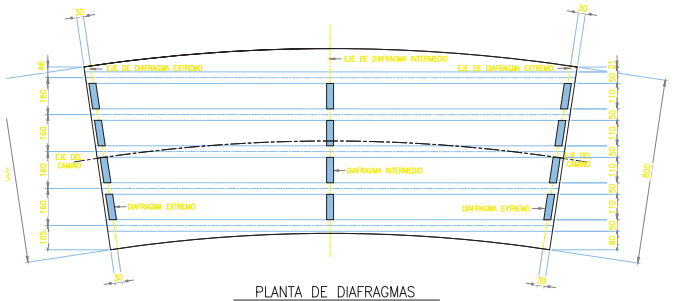
PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

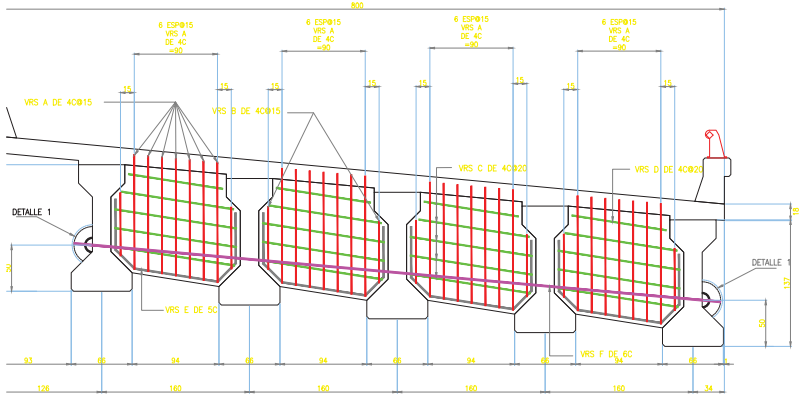
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 50
PLANO DE LOSA DE 7492
TRAMO 2-3-4-5 EJE 50 HOJA 1 DE 2

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	3 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT50-0C01-E03	



PLANTA DE DIAFRAGMAS

ESC = 1:100



SECCION DE DIAFRAGMA INTERMEDIO

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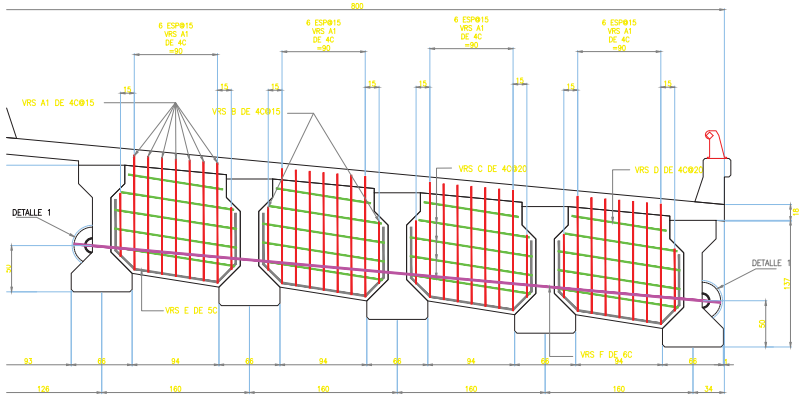

SECCION DE DIAFRAGMA EXTREMO

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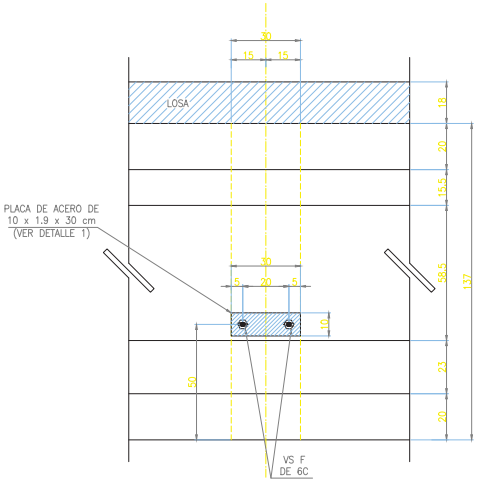

VISTA DE ANCLAJE DE DIAFRAGMA

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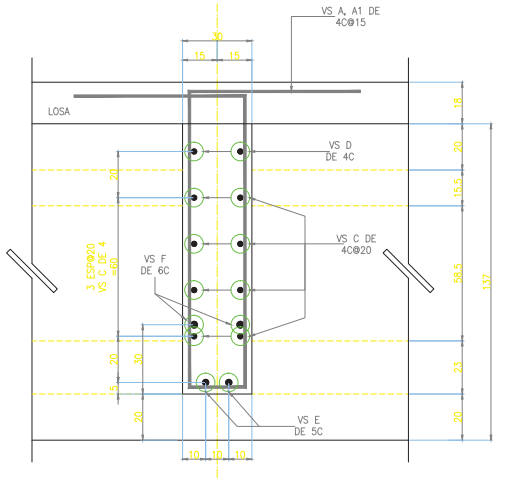
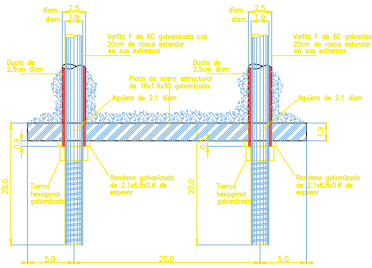


ARMADO DE DIAFRAGMA TIPO

ESC = 1:10

CANTIDADES PARA UN TRAMO DE DIAFRAGMA DE VIGAS	
Concreto f'c=250kg./cm2	5.52 m3
Acero de refuerzo L.E.>4200kg./cm2.	658 kg
Varillas con rosca en sus extremos L.E.>4,200 kg./cm2	95 kg
Acero estructural A-36 (placas,tuercas y rondanas)	30.0 kg
Ductos de plastico de 2.5 diametro de 1.51 m.	24 pz
Cimbra de contacto.	39.90 m2



DETALLE 1

ESC = SE

TABLA DE VARILLAS PARA UN TRAMO DE 2026

Nombre	A	A1	B	C	D	E	F
Diametro	4C	4C	4C	4C	4C	5C	6C
Numero	28	56	24	96	24	24	6
Long. Tot.	410	430	228	134	103	257	703
Croquis							
a	125	125	74	134	103	--	703
b	20	20	20	--	--	--	--
Peso	114	240	55	128	25	96	95

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES cedula profesional 2145479

SCT SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT EJE 50

PLANO DE DIAFRAGMAS DE 2026

TRAMO 1-2 EJE 50

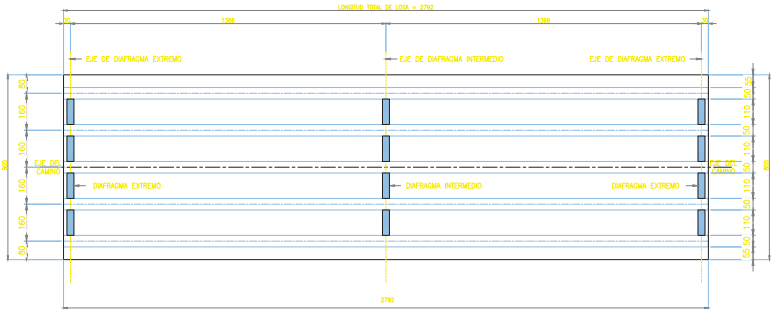
APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION GENERAL DE PLANOS ESTRUCTURALES					08/02/08
0	EMITIDO					15/06/08

aprobación para construcción: GERENTE DE INGENIERIA — ING. JOSE LUIS DOMINGUEZ CANTON

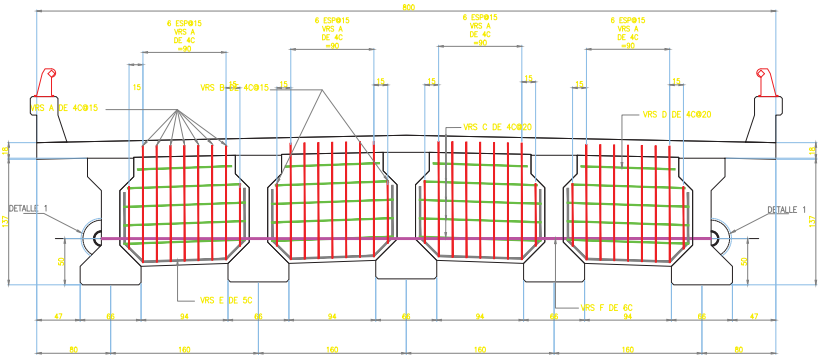
aprobación de proyecto: SUBGERENTE TECNICO DE PROYECTOS — ARQ. FRANCISCO LUÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	ACOTADOS Y SIN ESCALA	7 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT50-0C01-E07	



PLANTA DE DIAFRAGMAS

ESC = 1:100



SECCION DE DIAFRAGMA INTERMEDIO

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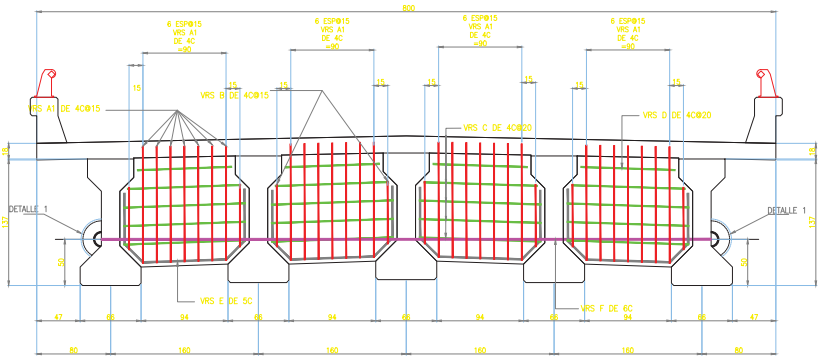

SECCION DE DIAFRAGMA EXTREMO

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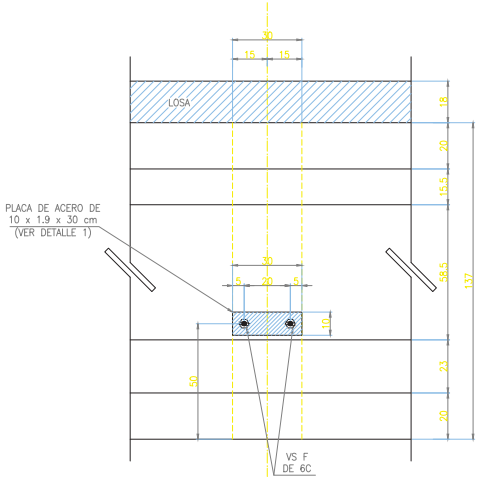

VISTA DE ANCLAJE DE DIAFRAGMA

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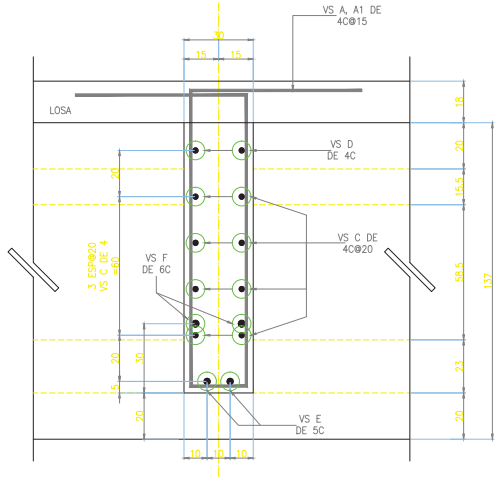
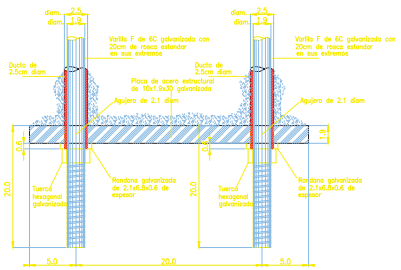


ARMADO DE DIAFRAGMA TIPO

ESC = 1:10

CANTIDADES PARA UN TRAMO DE DIAFRAGMA DE VIGAS	
Concreto f'c=250kg./cm2	5.40 m3
Acero de refuerzo L.E.>4200kg./cm2.	654 kg
Varillas con rosca en sus extremos L.E.>4,200 kg./cm2	95 kg
Acero estructural A-36 (placas,tuercas y rondanas)	30.0 kg
Ductos de plastico de 2.5 diametro de 1.51 m.	24 pz
Cimbra de contacto.	39.38 m2



DETALLE 1

ESC = SE

TABLA DE VARILLAS PARA UN TRAMO DE 2792

Nombre	A	A1	B	C	D	E	F
Diametro	4C	4C	4C	4C	4C	5C	6C
Numero	28	56	24	96	24	24	6
Long. Tot.	410	430	228	131	102	257	700
Croquis	a 30 30	a 20 70	45 a 20	a	a	45 91 20	20 a 20
a	125	125	74	131	102	---	700
b	20	20	20	---	---	---	---
Peso	114	240	55	125	24	96	95

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

SCT
SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT EJE 50

PLANO DE DIAFRAGMAS DE 2792

TRAMOS 6-7-8 EJE 50

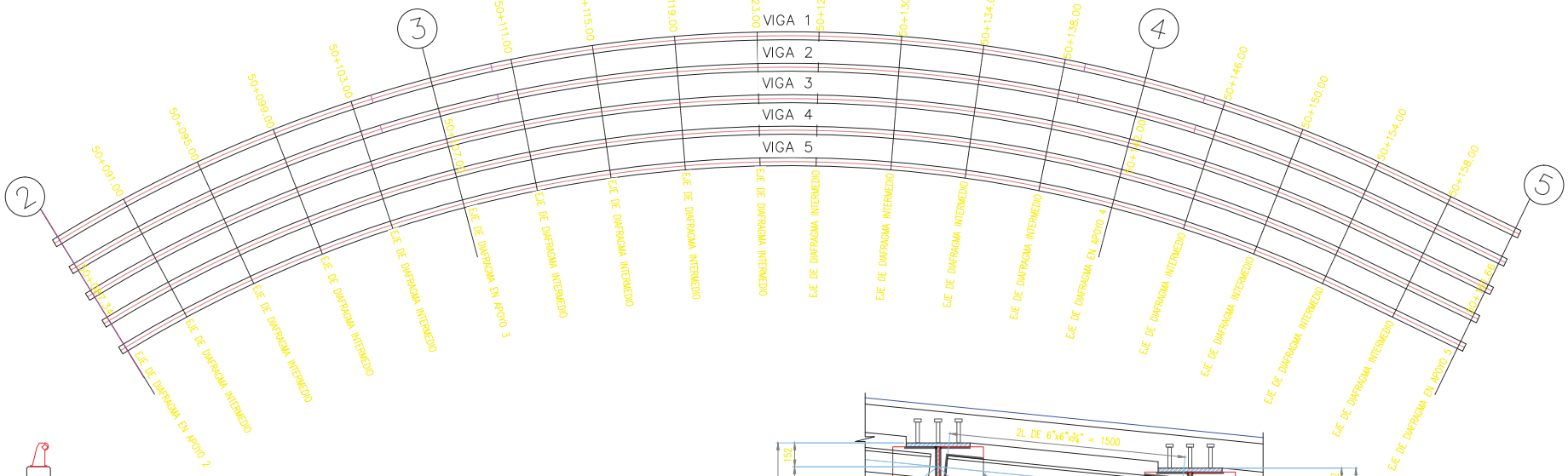
APROBADO PARA CONSTRUCCIÓN

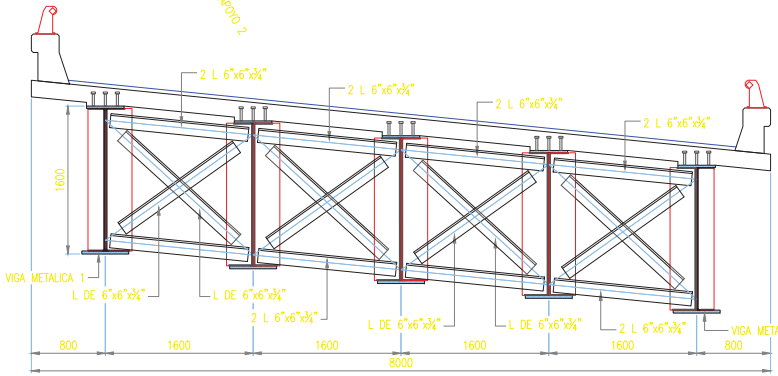
No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION GENERAL DE PLANOS ESTRUCTURALES					MARZO/08
0	EMITIDO					15/04/08

aprobación para construcción
GERENTE DE INGENIERIA

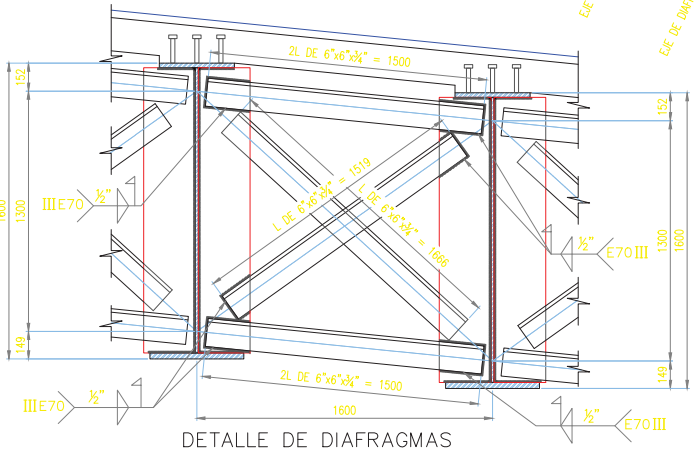
aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTADO Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	10 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT50-0C01-E10	

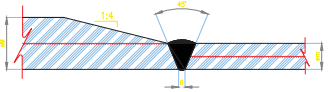




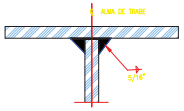
SECCION TIPO DE DIAFRAGMAS



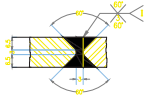
DETALLE DE DIAFRAGMAS



SOLDADURA EN PATINES DE DIFERENTE ESPESOR



SOLDADURA DE TRABE PRINCIPAL ENTRE ALMA Y PATIN SUPERIOR



UNION TIPICA ENTRE ALMAS DEL MISMO ESPESOR

PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1. GENERALIDADES.-
CONFORME A ESTE PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS EN EL MISMO, O POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2. ESPECIFICACIONES DE SOLDADURA.-
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA:

Bridge Welding Code
AMERICAN WELDING SOCIETY
Structural Welding Series

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1985. PERO, SI AL SUMINISTRAR EL ACERO O AL FABRICARLO EXISTIERE UNA EDICION MAS RECIENTE, SE APLICARAN LAS DISPOSICIONES DE ESA NUEVA EDICION, SI ALGUNA ESPECIFICACION RESULTARE DUDOSA O INCOMPLETA, EN FORMA SUPLEMENTARIA, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3. ESPECIFICACION DE MATERIALES.-
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LAS TRABES PRINCIPALES (LONGITUDINALES) Y DIAFRAGMAS ASTM A-709 GRADO 50

3.2 ACERO PARA ATESADORES RIGIDIZADORES: ASTM A-709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

4. VERIFICACION DE LAS SOLDADURAS.-
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONDICIONES DEL ACERO ESTRUCTURAL SOLDADAS, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "COLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA COLOCADO UN SIMBOLO PARTICULAR IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA VERIFICACION DE CADA CORDON Y LA INSPECCION RADIOGRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DE RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.

NOTAS GENERALES:

1. DIMENSIONES: EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
2. LA SOLDADURA A EMPLEAR SERA DE LA SERIE E-70.
3. LOS CORTES EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN CUIDAR LIBRES DE ESCORIA, GRASA, PINTURA, REMARAS, ETC.
5. EL PROCEDIMIENTO DE SOLDADURA QUE SE EMPLEE DEBERA EVITAR DISTORSIONES EN LOS ELEMENTOS.
6. TODAS LAS PIEZAS METALICAS SE DEBERAN LIMPIAR A CHORRO DE ARENA HASTA LLEGAR A OBTENER METAL BLANCO.
7. SE APLICARAN 2 CAPAS DE 4m3s DE PRIMARIO NAPKO SERIE 4327 NAPOXIKO.
8. SE APLICARAN 2 CAPAS DE 2m3s DE ACABADO NAPKO SERIE 4383, COLOR DEFINIDO POR LA DEPENDENCIA.
9. EL RECUBRIMIENTO ESPECIFICADO DEBERA ESTAR GARANTIZADO PARA 30 AÑOS DE VIDA UTIL.
10. ACERO EN TRABES Y DIAFRAGMAS A-709 GRADO 50.
11. ACERO EN ATESADORES A-709 GRADO 50.
12. EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO. ASIMISMO ELABORAR LOS PLANOS DE TALLER PARA LA FABRICACION DE LAS TRABES.
13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 64kips.
14. LOS CONECTORES DE RASANTE ENTRE TRABE PRINCIPAL o " PIEZA DE PUENTE Y LOSA DE CONCRETO DE RODAMIENTO SERAN DEL TIPO NELSON STUD o" SIMILAR, CONFORME A LA ESPECIFICACION ASTM A-108 CON fy=3500 kg/cm2.

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS CIRCUITO JT
EJE 50

PLANO DE DIAFRAGMAS EN CLARO METALICO
TRAMOS 2-3-4-5 EJE 50

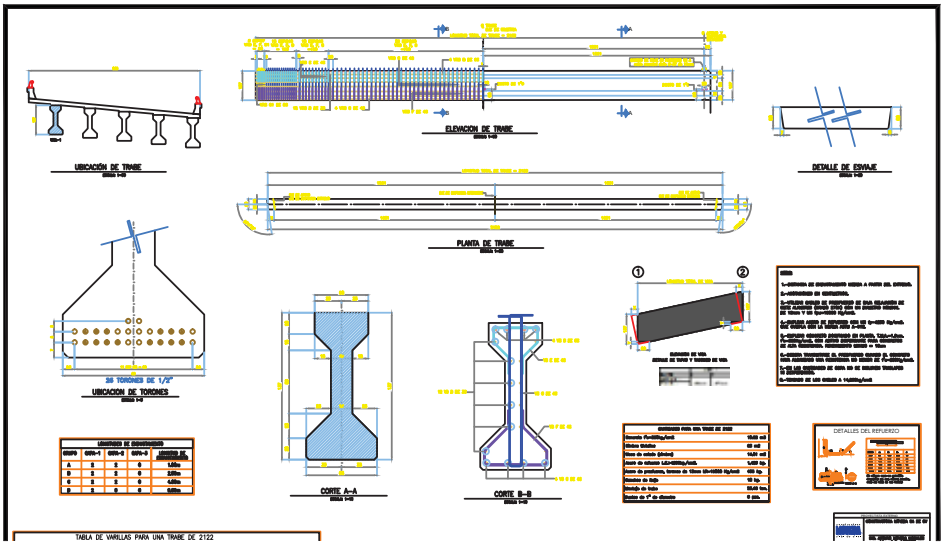
APROBADO PARA CONSTRUCCION

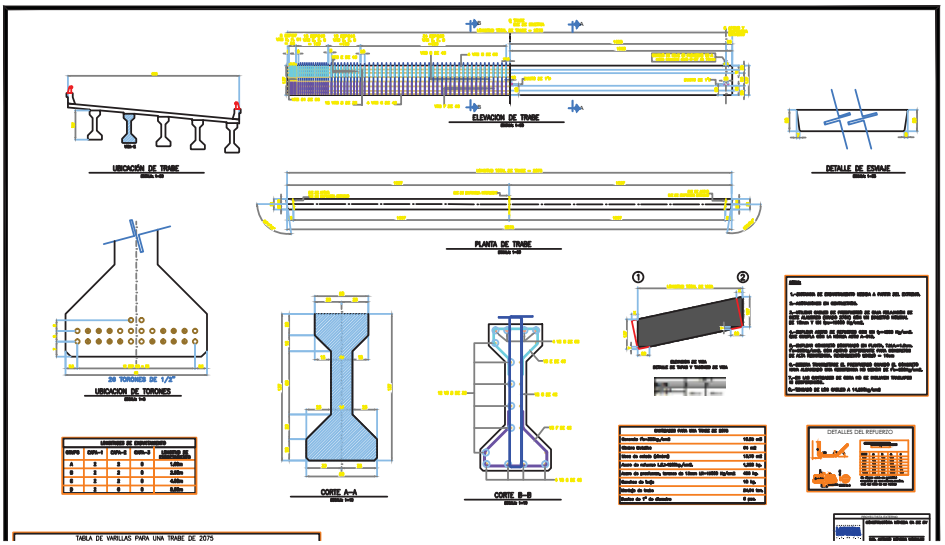
No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION GENERAL DE PLANOS ESTRUCTURALES				ANEL/VE	15/DIC/08
0	EMITIDO					

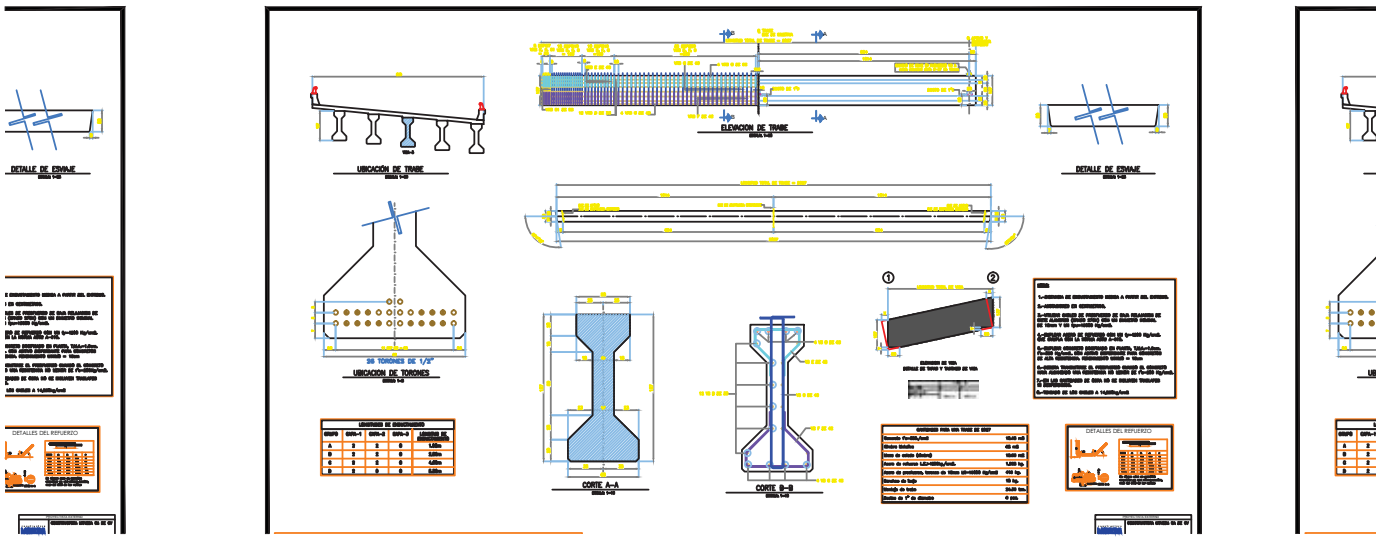
aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

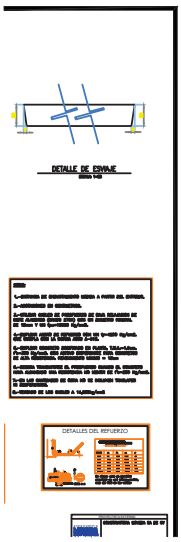
aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	08 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	APH-QI-JT50-0001-E08	


UBICACIÓN DE TRABE
ELEVACION DE TRABE
PLANTA DE TRABE
DETALLE DE ESVAJE
UBICACION DE TORONES
CORTE A-A
CORTE B-B
DETALLES DEL REFUERZO
TABLA DE VARILLAS PARA UNA TRABE DE 2122


UBICACIÓN DE TRABE
ELEVACION DE TRABE
PLANTA DE TRABE
DETALLE DE EXTREMO
UBICACION DE TORONES
CORTE A-A
CORTE B-B
DETALLE DE EXTREMO


ELEVACION DE TRABE
UBICACIÓN DE TRABE
DETALLE DE ESTRIBE
UBICACION DE TORONES
26 TORONES DE 1/2"
CORTE A-A
CORTE B-B
DETALLE DE ESTRIBE
DETALLES DEL REFUERZO
DETALLES DEL REFUERZO



DETALLE DE ENVAJE

NOTAS

1.-ANTES DE COMENZAR HINCA A PUNTA DEL ESTRIBO.

2.-ACEROS DE REFUERZO.

3.-ACERO DE PRESFUERZO DE GRADO 270 KILOGRAMOS POR MILIMETRO CUADRADO, DE 12.7mm Y DE 0.98cm2(150 Kg/cm2.

4.-ACERO PARA EL REFUERZO FY= 4200 Kg/cm2. NO PODRA SER LA HINCA ANTES 7 DIAS.

5.-ACERO ESTRUCTURAL ASTM A36 DE PLACA, TIPO A-36ksi, Fy=250 N/mm2, ACERO ESTRUCTURAL PARA ELEMENTOS DE ALTA RESISTENCIA, SOLDADURA CLASE F = 70ksi.

6.-ANTES, TERMINADO EL CONCRETO ANTES EL CONCRETO HAYA ALCANZADO UNA RESISTENCIA DE 210KGF DE F'c=210 Kg/cm2.

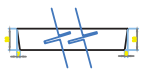
7.-EN LAS ANCLADAS SE USA 40 DE DIAMETRO TERMINADO EN ESPIRAL.

8.-CONCRETO DE LOS VIGAS A 14,000Kg/cm2

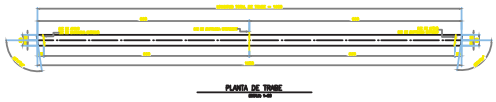
DETALLES DEL REFUERZO

UBICACIÓN DE TRABE

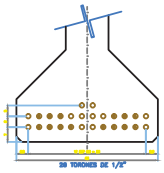
ELEVACION DE TRABE



DETALLE DE ENVAJE

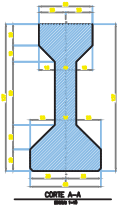


PLANTA DE TRABE

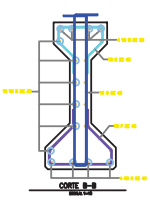


39 TORONES DE 1/2"

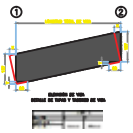
UBICACION DE TORONES



CORTE A-A



CORTE B-B



ELEVACION DE VIGA

DETALLE DE VIGAS Y TORONES DE VIGA

NOTAS

1.-ANTES DE COMENZAR HINCA A PUNTA DEL ESTRIBO.

2.-ACEROS DE REFUERZO.

3.-ACERO DE PRESFUERZO DE GRADO 270 KILOGRAMOS POR MILIMETRO CUADRADO, DE 12.7mm Y DE 0.98cm2(150 Kg/cm2.

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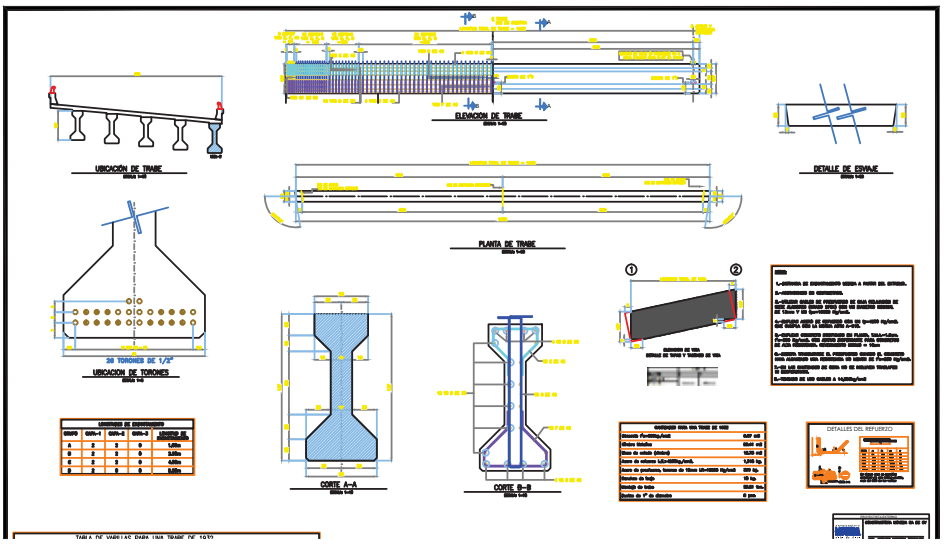
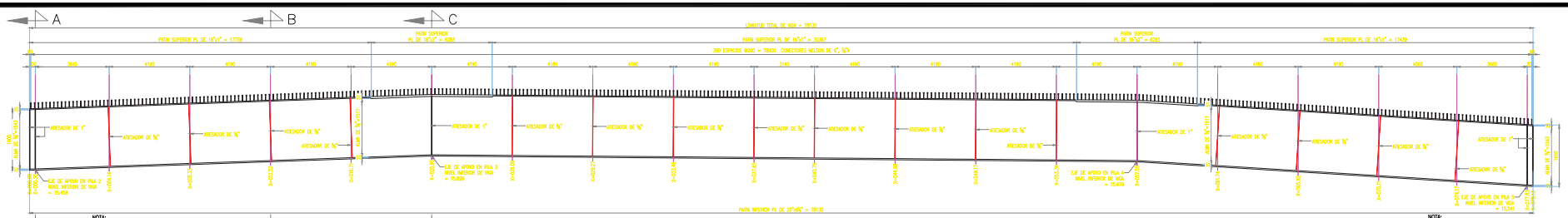
8.-CONCRETO DE LOS VIGAS A 14,000Kg/cm2

DETALLES DEL REFUERZO


UBICACIÓN DE TRABE
ELEVACION DE TRABE
DETALLE DE ENTRAVE
PLANTA DE TRABE
UBICACION DE TORONES
CORTE A-A
CORTE B-B
DETALLES DEL REFUERZO

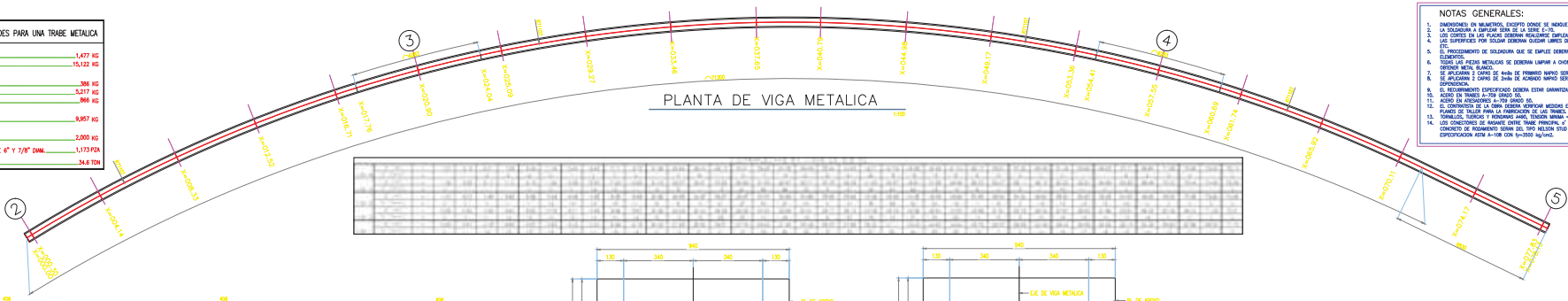


ELEVACION DE VIGA METALICA

NOTA:
COLOCAR LOS ATIESADORES EN APOYOS COMO SE INDICA EN LOS DETALLES DE TAPAS DE VIGA, DE TAL MANERA QUE SIEMPRE QUEDEN VERTICALES Y PARALELOS A LA COLUMNA.

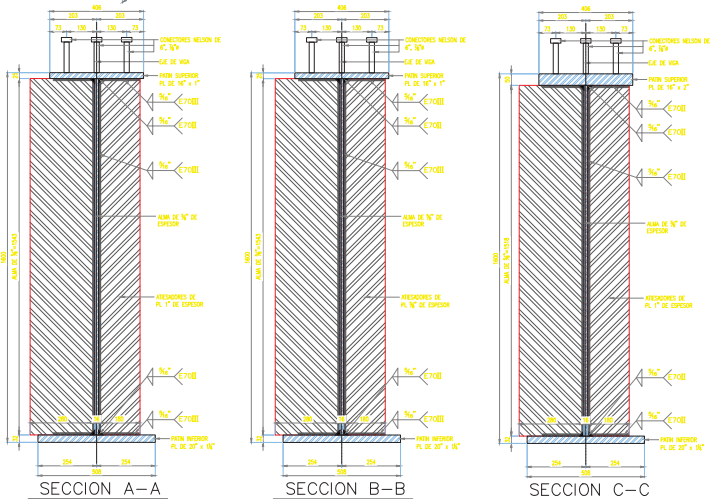
NOTA:
COLOCAR LOS ATIESADORES EN APOYOS COMO SE INDICA EN LOS DETALLES DE TAPAS DE VIGA, DE TAL MANERA QUE SIEMPRE QUEDEN VERTICALES Y PARALELOS A LA COLUMNA.

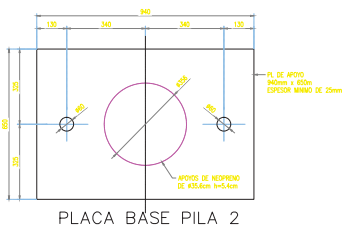
TABLA DE CANTIDADES PARA UNA TRABE METALICA	
PLACAS DE 16mm	
Atiesadores	1,477 KG
Alma	15,122 KG
PLACAS DE 25mm	
Placas de Anclaje	386 KG
Patines	5,217 KG
Atiesadores	866 KG
PLACAS DE 32mm	
Patines	9,957 KG
PLACAS DE 50mm	
Patines	2,000 KG
CONECTORES NELSON DE 6" Y 7/8" DIAM.	1,173 PZA
TRANSPORTE Y MONTAJE	34.6 TON

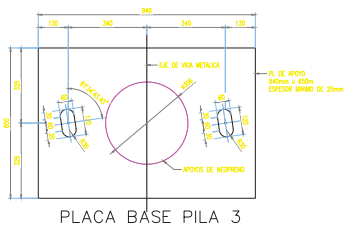


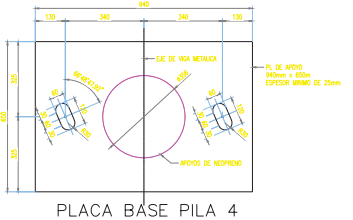
NOTAS GENERALES:

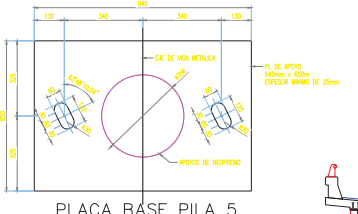
1. DIMENSIONES EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
2. LA SOLDADURA A EMPLEAR SERA DE LA SERIE E-70.
3. LOS CORTES EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN QUEDAR LIBRES DE ESCORIA, GRASA, PINTURA, REMANSO, ETC.
5. EL PROCEDIMIENTO DE SOLDADURA QUE SE EMPLEE DEBERA EVITAR DISTORSIONES EN LOS ELEMENTOS.
6. TODAS LAS PIEZAS METALICAS SE DEBERAN LIMPIAR A CHORRO DE ARENA HASTA LLEGAR A OBTENER METAL BLANCO.
7. SE APLICARAN 2 CAPAS DE 4mils DE PRIMARIO NAPKO SERIE 4327 NAPCOXIDO.
8. SE APLICARAN 2 CAPAS DE 2mils DE ACABADO NAPKO SERIE 4383, COLOR DEFINIDO POR LA DEPENDENCIA.
9. EL RECUBRIMIENTO ESPECIFICADO DEBERA ESTAR GARANTIZADO PARA 20 AÑOS DE VIDA UTIL.
10. ACERO EN PERFILES A-709 GRADO 50.
11. ACERO EN TORNILLOS A-709 GRADO 50.
12. EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO, ASIMISMO ELABORARE LOS PLANOS DE TALLER PARA LA FABRICACION DE LAS TRABES.
13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 84kips.
14. LOS CONECTORES DE ANGANTE ENTRE TRABE PRINCIPAL a" PIEZA DE PUENTE Y LOSA DE CONCRETO DE RECUBIERTO SERAN DEL TIPO NELSON STUD a" SIMILAR, CONFORME A LA ESPECIFICACION ASTM A-108 CON fy=3500 kg/cm2.











PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1.- GENERALIDADES.-
CONFORME A ESTE PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS EN EL MISMO, O POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2.- ESPECIFICACIONES DE SOLDADURA.-
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA

Bridge Welding Code
AMERICAN WELDING SOCIETY, INC.
AND TRANSPORTATION OFFICIALS
AMERICAN ASSOCIATION OF STATE HIGHWAY

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1988, PERO, SI AL SUMINISTRAR EL ACERO O AL FABRICARLO EXISTIERE UNA EDICION MAS RECIENTE, SE APLICARAN LAS DISPOSICIONES DE ESA NUEVA EDICION, SI ALGUNA ESPECIFICACION RESULTARE DUDOSA O INCOMPLETA, EN FORMA SUFICIENTE, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3.- ESPECIFICACION DE MATERIALES.-
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LAS TRABES PRINCIPALES (LONGITUDINALES): ASTM A-709 GRADO 50

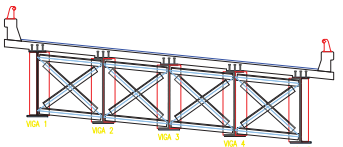
3.2 ACERO PARA ATIESADORES RIGIDIZADORES: ASTM A-709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

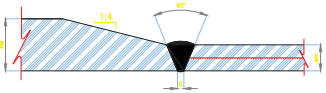
4.- GERARQUIA DE LAS SOLDADURAS.-
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONEXIONES DEL ACERO ESTRUCTURAL SOLDADAS, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "COLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA ASIGNADO UN NUMERO ROMANO IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA GERARQUIA DE LOS CORDONES EN LA SIMBOLOGIA GRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DEL RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA, MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

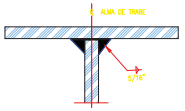
SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.



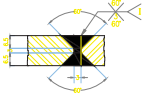
UBICACION DE VIGAS



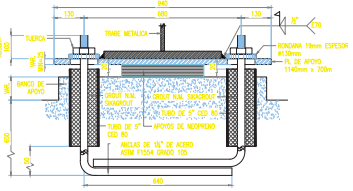
SOLDADURA EN PATINES DE DIFERENTE ESPESOR



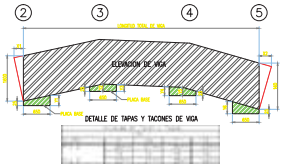
SOLDADURA DE TRABE PRINCIPAL ENTRE ALMA Y PATIN SUPERIOR



UNION TIPICA ENTRE ALMAS DEL MISMO ESPESOR



DETALLE DE ANCLAJE DE VIGA



PROYECTISTA EXTERNO	
constructora MOYEDA s.a. de c.v.	CONSTRUCTORA MOYEDA SA DE CV
	ING. ARTURO MOYEDA MORALES cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT — EJE 50

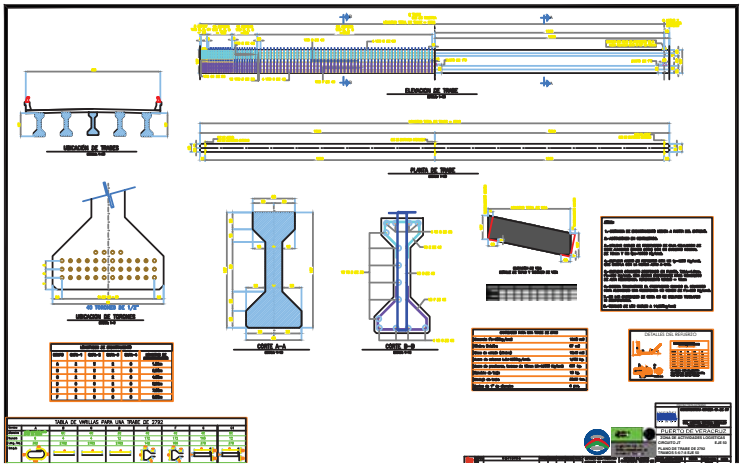
PLANO DE TRABE METALICA 1

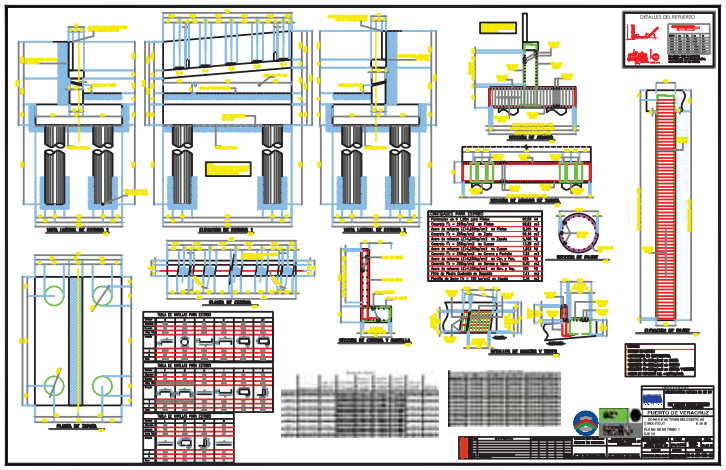
TRAMOS 2-3-4-5 EJE 50

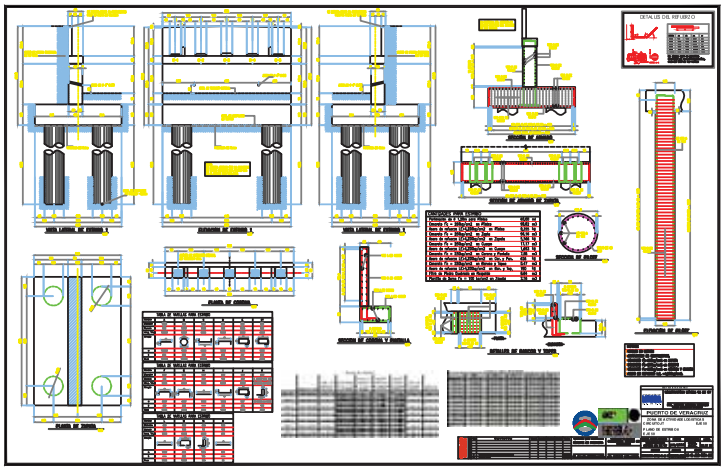
APROBADO PARA CONSTRUCCION	No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
	1	REVISION GENERAL DE PLANOS ESTRUCTURALES					09/05/08
	0	EMITIDO					15/04/08

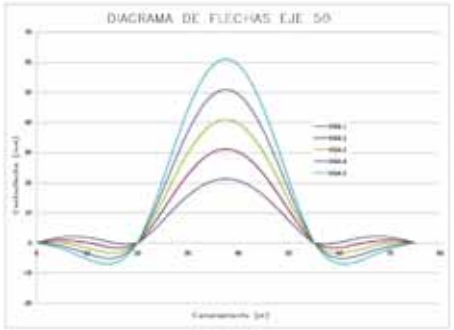
aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACEROS Y ESTAS	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	16 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-Q-JT50-0001-E16	









No.	Revisión	Coord.	Aprobó	Revisó	Dibujó.	Fecha

aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIAÑO CARRERA

constructora MOYEDA s.a. de c.v.

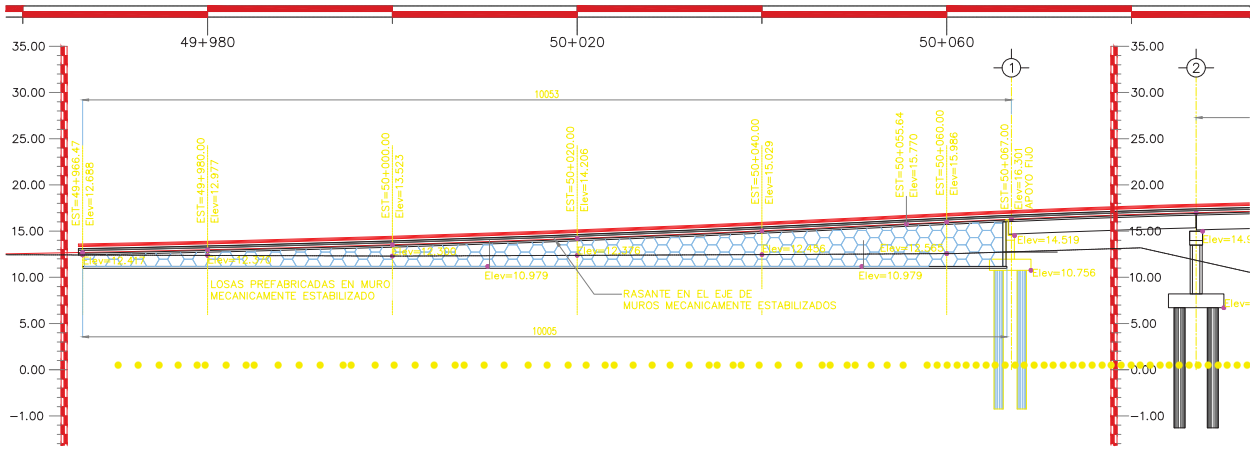
ING. ARTURO MOYEDA MORALES

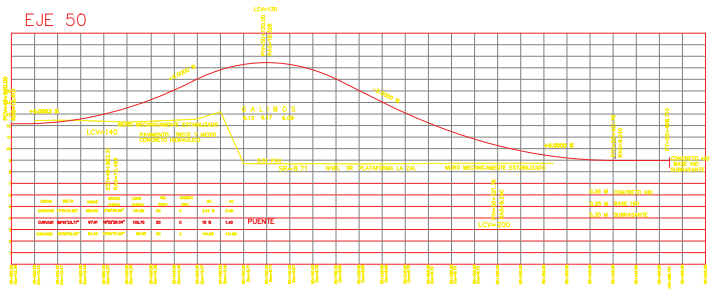
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT

PROYECTO EJECUTIVO
"PLANO DE CABEZAL EN PILA INTERMEDIA
NUMERO 5"

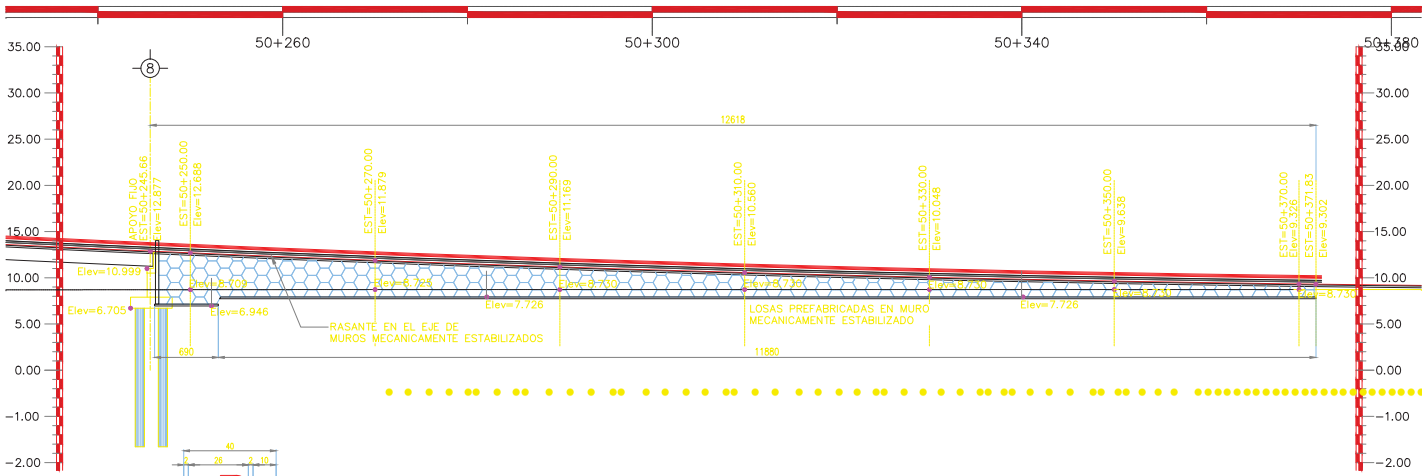
PROYECTO	FECHA	ESCALA	LAMINA
CONSTRUCTORA MOYEDA	DIC/2008	INDICADA	1 DE 7
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA	CONSTRUCTORA MOYEDA	API-GI-VDZL-ES-1	

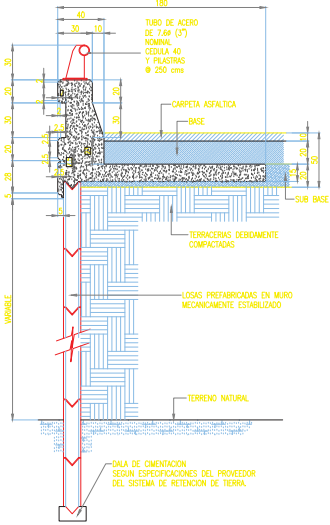




PERFIL GEOMETRICO DEL EJE 50

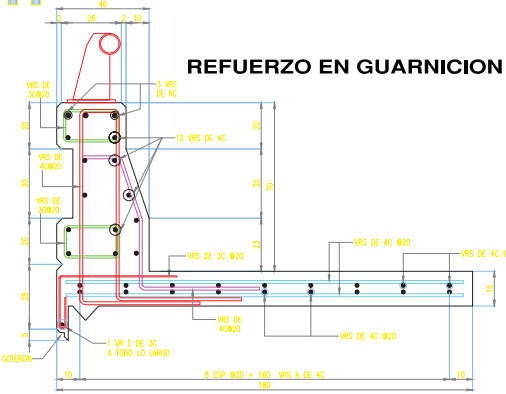
ESCALA HORIZONTAL 1 : 1000
ESCALA VERTICAL 1 : 100





DETALLE TIPICO DE MUROS

REFUERZO EN GUARNICION



NOTAS :

1.- ACOTACIONES EN CENTIMETROS.
2.- NIVELES EN METROS.
3.- EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO.
4.- CONCRETO f'c=250 kg/cm EN LOSA.
5.- CONCRETO f'c= 250kg/cm EN GUARNICION.
6.- EMPLEAR REVENIMIENTO EN LOSAS = 10 cm.
7.- SE DEBERA DEJAR ANCLADO EL ACERO DE REFUERZO DE GUARNICIÓN.
8.- SE DEBERAN REALIZAR LAS PREPARACIONES NECESARIAS PARA RECIBIR LA JUNTA DE CALZADA.
9.- EMPLEAR ACERO DE REFUERZO CON fy = 4,200 Kg/cm.
10.- ES RESPONSABILIDAD DEL CONTRATISTA VERIFICAR LA ESTABILIDAD DE LAS PAREDES DE LA EXCAVACION.
11.- BASE Y SUB-BASE DE ACUERDO A LAS ESPECIFICACIONES DE CALIDAD DE LA S.C.T.
12.- EL CONTRATISTA DEBERA REVISAR LA CAPACIDAD DE CARGA REQUERIDA POR EL PROVEEDOR DEL SISTEMA DE MUROS MECANICAMENTE ESTABILIZADOS, PARA EL DESPLANTE DE TERRAPLENES.
13.- EL CONTRATISTA DEBERA REALIZAR PRUEBAS DE CAPACIDAD DE CARGA, QUE COMPRUEBEN SE CUMPLA CON EL MINIMO REQUERIDO POR EL PROVEEDOR.
14.- EN EL SUPUESTO DE QUE LA CAPACIDAD DE CARGA NO SEA LA ADECUADA, SE DEBERA MEJORAR EL TERRENO EN EL QUE SE DESPLANTARA LA ESTRUCTURA, HASTA QUE EL LABORATORIO OBTENGA LA CAPACIDAD DE CARGA REQUERIDA.
15.- POR NINGUN MOTIVO SE PODRA DESPLANTAR EL TERRAPLEN Y/O COLAR LA DALA DE DESPLANTE SIN PRESENTAR LAS PRUEBAS REALIZADAS A LA SUPERVISION.

CURVA EN EL PUENTE

PTO	KM	SOBREELEVACION IZQ	SOBREELEVACION DER	AMPLIACION IZQ	AMPLIACION DER	NO. DE CURVA	S1
N1	50+024.37	-2.00	-2.00	0.00	0.00	N =	8.00
PTT	50+032.37	0.00	-2.00	0.00	0.00	SC	10.00
N2	50+040.37	2.00	-2.00	0.00	0.28	AC	1.40
PC	50+052.37	5.00	-5.00	0.00	0.70	LE	40.00
AUX1	50+072.37	10.00	-10.00	0.00	1.40	SENT	DER
AUX2	50+155.14	10.00	-10.00	0.00	1.40	VEL	60.00
PT	50+155.14	5.00	-5.00	0.00	0.70	G	16 GRA 52
N3	50+167.14	2.00	-2.00	0.00	0.28	LC	102.77
FTT	50+175.14	0.00	-2.00	0.00	0.00	1/3LC	34.26
N4	50+183.14	-2.00	-2.00	0.00	0.00	AUX1-2	62.76
						PC	50052.37
						N1-N4	198.62

TABLA DE CANTIDADES EN GUARNICION Y LOSA x ML	
CONCRETO 250kg/cm2	0.51 m3
ACERO DE REFUERZO	86 KG
CIMBRA	2.10 m2

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2140479

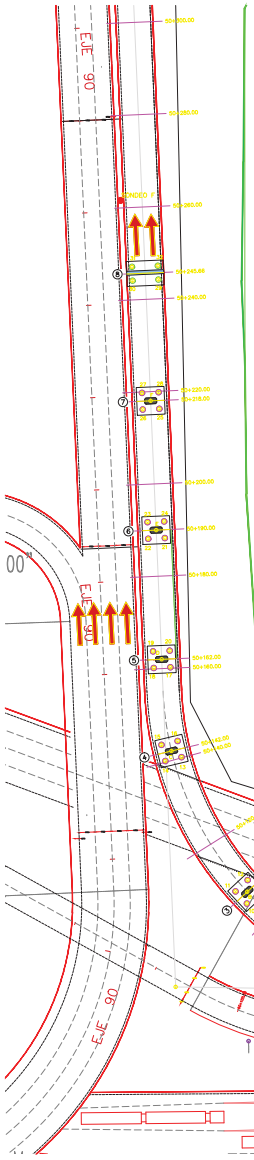
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 50
RAMPAS DE ACCESO
EJE 50

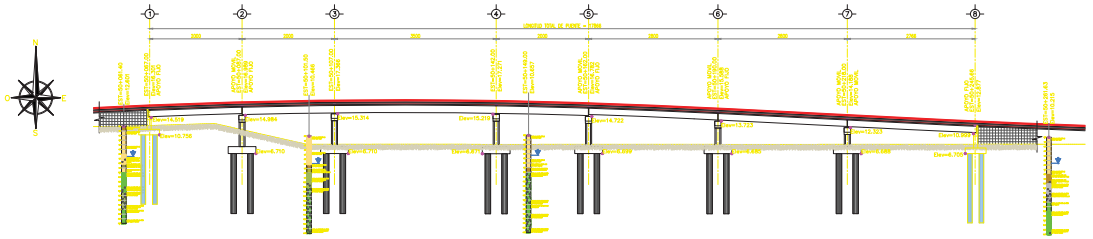
APROBADO PARA CONSTRUCCION	No.	Revisión	Coord.	Aprobó	Revisó	Dibujó.	Fecha
	1	REVISION GENERAL DE PLANOS ESTRUCTURALES					09/03/09
	0	EMITIDO					15/DIC/08

aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	36 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT50-0C01-E36	



PLANTA DE PROYECTO
1:500



ELEVACION DE PROYECTO
1:500

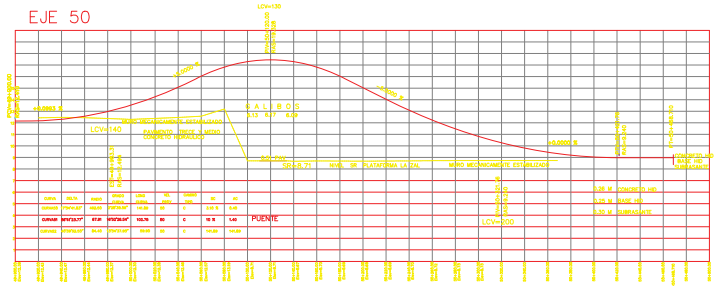
TABLA DE NIVELES								

TRAZO A CENTROS DE COLUMNAS

LADO EST	LADO PV	RUMBO	DISTANCIA	V	COORDENADAS Y	COORDENADAS X
				A	2,126,360.1044	796,363.7732
A	B	N 51°29'40.39" W	19.928	B	2,126,372.5113	796,348.1788
B	C	N 28°17'30.28" W	34.614	C	2,126,402.9804	796,331.7731
C	D	N 06°04'59.69" W	19.968	D	2,126,422.8365	796,329.6581
D	E	N 02°26'53.99" W	28.000	E	2,126,450.8109	796,328.4619
E	F	N 02°26'54.00" W	28.000	F	2,126,478.7854	796,327.2658

TRAZO A CENTROS DE PILOTES

LADO EST	LADO PV	RUMBO	DISTANCIA	V	COORDENADAS Y	COORDENADAS X
				1	2,126,355.1423	796,384.3972
1	2	S 13°11'35.86" W	5.600	2	2,126,349.6902	796,383.1190
2	3	N 76°48'24.14" W	3.000	3	2,126,350.3749	796,380.1982
3	4	N 13°11'35.86" E	5.600	4	2,126,355.8271	796,381.4764
4	5	N 72°04'00.07" W	16.022	5	2,126,360.7604	796,366.2329
5	6	S 30°04'05.03" W	3.600	6	2,126,357.6448	796,364.4292
6	7	N 59°55'54.97" W	3.600	7	2,126,359.4485	796,361.3136
7	8	N 30°04'05.03" E	3.600	8	2,126,362.5641	796,363.1173
8	9	N 51°29'40.39" W	15.839	9	2,126,372.4250	796,350.7229
9	10	S 46°56'34.19" W	3.600	10	2,126,369.8671	796,348.0925
10	11	N 43°03'25.81" W	3.600	11	2,126,372.5978	796,345.6346
11	12	N 46°56'34.19" E	3.600	12	2,126,375.0554	796,348.2651
12	13	N 28°17'30.28" W	30.215	13	2,126,401.6613	796,333.9442
13	14	S 76°28'25.24" W	3.600	14	2,126,400.8193	796,330.4441
14	15	N 13°31'34.76" W	3.600	15	2,126,404.3194	796,329.6020
15	16	N 76°28'25.24" E	3.600	16	2,126,405.1614	796,333.1022
16	17	N 02°26'59.22" W	16.038	17	2,126,421.1150	796,331.5333
17	18	S 87°33'06.01" W	3.600	18	2,126,420.9812	796,327.9368
18	19	N 02°26'53.99" W	3.600	19	2,126,424.5579	796,327.7826
19	20	N 87°33'06.01" E	3.600	20	2,126,424.7117	796,331.3795
20	21	N 02°26'54.00" W	24.400	21	2,126,448.0895	796,330.3372
21	22	S 87°33'06.01" W	3.600	22	2,126,448.6357	796,326.7405
22	23	N 02°26'53.99" W	3.600	23	2,126,452.2324	796,326.5867
23	24	N 87°33'06.01" E	3.600	24	2,126,452.0862	796,330.1834
24	25	N 02°26'53.98" W	24.400	25	2,126,477.0839	796,329.1411
25	26	S 87°33'06.01" W	3.600	26	2,126,476.9101	796,325.5444
26	27	N 02°26'53.99" W	3.600	27	2,126,480.5068	796,325.3908
27	28	N 87°33'06.01" E	3.600	28	2,126,480.6606	796,328.9873
28	29	N 00°05'51.40" W	24.381	29	2,126,505.0411	796,328.8458
29	30	S 87°33'06.98" W	5.600	30	2,126,504.8019	796,323.3059
30	31	N 02°26'54.04" W	3.000	31	2,126,507.7991	796,323.2227
31	32	N 87°33'06.98" E	5.600	32	2,126,508.0383	796,328.8176



PERFIL GEOMETRICO DEL EJE 50
ESCALA HORIZONTAL 1 : 1000
ESCALA VERTICAL 1 : 100

CURVA EN EL PUENTE

PTO	KM	SOBREELEVACION IZQ	SOBREELEVACION DER	AMPLIACION IZQ	AMPLIACION DER	NO. DE CURVA	51
N1	50+024.37	-2.00	-2.00	0.00	0.00	N =	8.00
PTT	50+032.37	0.00	-2.00	0.00	0.00	SC	10.00
N2	50+040.37	2.00	-2.00	0.00	0.28	AC	1.40
PC	50+052.37	5.00	-5.00	0.00	0.70	LE	40.00
AUX1	50+072.37	10.00	-10.00	0.00	1.40	SENT	DER
AUX2	50+135.14	10.00	-10.00	0.00	1.40	VEL	60.00
PT	50+155.14	5.00	-5.00	0.00	0.70	G	16 GRA 52
N3	50+167.14	2.00	-2.00	0.00	0.28	LC	102.77
FTT	50+175.14	0.00	-2.00	0.00	0.00	1/3LC	34.26
N4	50+183.14	-2.00	-2.00	0.00	0.00	AUX1-2	62.76
						PC	50052.37
						N1--N4	198.62

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2140478

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 50
PLANO DE TRAZO DE ESTRUCTURAS
EJE 50

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION GENERAL DE PLANOS ESTRUCTURALES					19/03/09
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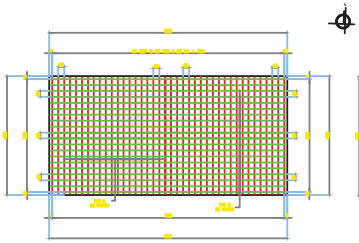
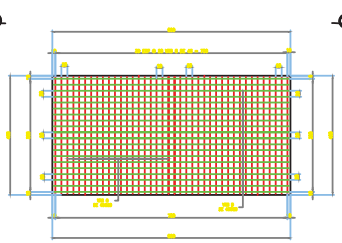
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	37 DE 38
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT50-0C01-E37	

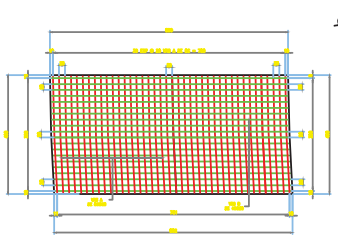


PARRILLA INFERIOR

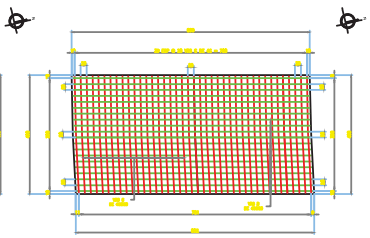


PARRILLA SUPERIOR

LOSA DE ACCESO DE ESTRIBO 8



PARRILLA INFERIOR



PARRILLA SUPERIOR

LOSA DE ACCESO DE ESTRIBO 8

TABLA DE VARILLAS PARA UNA LOSA DE ACCESO

Marca	A	B	C	D	E	F	G
Diámetro	#5	#5	#5	#5	#5	#5	#5
Número	10	10	10	10	10	10	4
Long. (cm)	360	700	464	700	700	216	700
Figura							
a	360	700	300	700	700	40	700
b	---	---	20	---	---	40	---
Peso	223	135	120	135	74	67	22

TABLA DE CANTIDADES PARA UNA LOSA DE ACCESO

Concreto f'c = 250kg/cm2 en Losa	10.40	m3
Acero de refuerzo LE=4,200kg/cm2 en Losa	1,313	kg

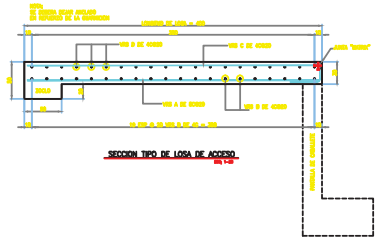
TABLA DE VARILLAS PARA UNA LOSA DE ACCESO

Marca	A	B	C	D	E	F	G
Diámetro	#5	#5	#5	#5	#5	#5	#5
Número	10	10	10	10	10	10	4
Long. (cm)	360	700	464	700	700	216	700
Figura							
a	360	700	300	700	700	40	700
b	---	---	20	---	---	40	---
Peso	223	135	120	135	74	67	22

TABLA DE CANTIDADES PARA UNA LOSA DE ACCESO

Concreto f'c = 250kg/cm2 en Losa	10.40	m3
Acero de refuerzo LE=4,200kg/cm2 en Losa	1,313	kg

DETALLE DE ZOCLO



SECCION TIPO DE Llosa DE ACCESO

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

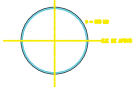
CIRCUITO JT EJE 50

PLANO DE LOSAS DE ACCESO ESTRIBO 1 Y 8

NEOPRENOS DEL EJE 50
EN VIGAS DE ACERO

PLANTA DE APOYO DE NEOPRENO FIJO

SECCION DE APOYO FIJO DE NEOPRENO

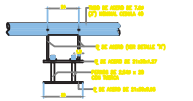


PLANTA DE APOYO DE NEOPRENO MOVIL

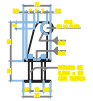
SECCION DE APOYO MOVIL DE NEOPRENO

PLANTA DE APOYO DE NEOPRENO MOVIL

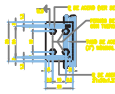
SECCION DE APOYO MOVIL DE NEOPRENO



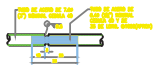
DETALLES DE PARAPETO



DETALLES DE PARAPETO



DETALLE DE PILASTRA



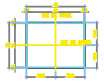
DETALLE DE LA JUNTA

DETALLE DE PLACA BASE

NOTA:
LA PLANCHA DE APOYO SERA ACERADA EN
LA CARA SUR Y EN EL RESTO DE LA LONGITUD DE APOY.

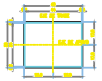
TABLA DE CANTIDADES PARA PARAPETO		
Tubo de Acero Galvanizado de 7,62 Cedula 40	11,3	kg/ml
Tubo de Acero Galvanizado de 6,40 Cedula 40	3,5	kg/por Junta
Acero A-36	17,73	kg/por alcance
Pernos de 2,5X40 c20 con Tuercs	4,0	por dovela
Pintura en Tubo de 8' 3" por metro lineal	0,59	m2/ml
Pintura en Placa Base y Pilastra por dovela	0,33	m2/ml

NEOPRENOS DEL EJE 50
EN VIGAS DE CONCRETO



PLANTA DE APOYO DE NEOPRENO FIJO

SECCION DE APOYO FIJO DE NEOPRENO



PLANTA DE APOYO DE NEOPRENO MOVIL

SECCION DE APOYO MOVIL DE NEOPRENO

TABLA DE CANTIDADES DE NEOPRENO (todo el puente)		
Apoyo de neopreno integral dureza shore=60	704,44	cm3

DETALLES DE GUARNICION

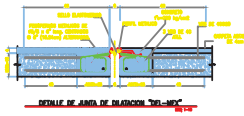
TABLA DE CANTIDADES PARA GUARNICION POR METRO LINEAL		
Concreto f'c = 250kg/cm2 en GUARNICION	0,144	m3
Acero de refuerzo 1/2"@200kg/cm2 en GUARNICION	31,46	kg
Cimbra ajustada en GUARNICION	1,28	m2

NOTAS ADICIONALES:
1.- EL DISEÑO Y DETALLES DE LOS ANCLAJES PARA EL DE LAS GUARNICIONES SERAN LOS SIGUIENTES:
- 14 varas de distribución con espacio
- 14 varas en tramos de concreto
2.- LA GUARNICION TENDRA ESPACIO EL ACERO DE REFUERZO CADA 40 cm.
3.- LA GUARNICION TENDRA UNA REMOVIBILIDAD Y EL DE 7.0 cms. DE IMPERMEABILIDAD.

DETALLES DEL REFUERZO

DETALLES DE DRENES EN LOSA

TABLA DE CANTIDADES PARA DRENES (todo el puente)		
Dren de P.V.C. de 30 cms de longitud	52,00	pza



DETALLE DE JUNTA DE DILATACION "DEL-MEX"

NL DE JUNTA DEL-MEX
TODO EL PUENTE= 72 ML

TABLA DE CANTIDADES PARA JUNTA DE DILATACION POR METRO LINEAL		
Concreto f'c = 350kg/cm2 en JUNTA	0,10	m3
Junta de dilatación tipo DEL-MEX	1,00	ml

NOTAS GENERALES :

ESPECIFICACIONES :

LA TOTAL EJECUCIÓN DE LAS OBRAS PARA CONSTRUCCIÓN E INSTALACIÓN DE LA PLACA, SE REALIZARÁ DE CONFORMIDAD CON LAS ESPECIFICACIONES DE LOS PLANOS, DE ESTAS ESPECIFICACIONES Y DE LAS NORMAS VIGENTES Y APROBADAS POR LA SECRETARÍA DE COMUNICACIONES Y TRANSPORTES.

ALCANCES DE LOS TRABAJOS :
ALCANCES GENERALES
ALCANCES ESPECIALES
ALCANCES DE SUMINISTRO

APLICACIÓN DEL REFUERZO :
SOBRE VIGA I, CA-02-01 EN DOS BANDAS DE CIRCULACIÓN.

MATERIALES :

TODOS LOS MATERIALES UTILIZADOS EN LA EJECUCIÓN, PODRÁN SER SUMINISTRADOS POR EL CONTRATISTA O POR LA SECRETARÍA, DE ACUERDO CON LAS ESPECIFICACIONES Y CONDICIONES.

CONCRETO
ACERO DE REFUERZO
ACERO PARA PRETENSADO
ACERO ESTRUCTURAL
ACERO DE PRETENSADO

CONCRETO :

SE EMPLEARÁN LOS CONCRETOS DE LAS SIGUIENTES CARACTERÍSTICAS :

EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5 Y 5-6 F'C = 350 kg/cm2
Y EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5 Y 5-6 F'C = 350 kg/cm2
EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5 Y 5-6 F'C = 350 kg/cm2

EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5 Y 5-6 F'C = 350 kg/cm2

ACERO PARA REFUERZO :

LOS ELEMENTOS DE ACERO PARA EL PRETENSADO ESTARÁN CONSTITUIDOS POR TORONES DE SIETE ALAMBRES DE ACERO DE ALTA RESISTENCIA, DE BAJA RELAJACIÓN, CON UNA RESISTENCIA A LA RUPTURA MÍNIMA DE 19,000 kg/cm2 (270 ksi) Y UN ESFUERZO MÁXIMO DE FLUENCIA DE 17,100 kg/cm2 (243 ksi).

ACERO DE PRETENSADO :

LOS ELEMENTOS DE ACERO PARA EL PRETENSADO ESTARÁN CONSTITUIDOS POR TORONES DE SIETE ALAMBRES DE ACERO DE ALTA RESISTENCIA, DE BAJA RELAJACIÓN, CON UNA RESISTENCIA A LA RUPTURA MÍNIMA DE 19,000 kg/cm2 (270 ksi) Y UN ESFUERZO MÁXIMO DE FLUENCIA DE 17,100 kg/cm2 (243 ksi).

PARA LOS TORONES DE ACERO DE PRETENSADO CONSIDERADOS EN EL DISEÑO DE LA PRESENTE OBRA, SE REQUIERE LAS SIGUIENTES CARACTERÍSTICAS :

a) ESFUERZO DE RUPTURA MÍNIMO ESPECIFICADO, f_{pu} = 19,000 kg/cm2
b) ESFUERZO EN EL LÍMITE DE FLUENCIA CONVENCIONAL, f_{py} = 17,100 kg/cm2 (0.9 f_{pu})
c) ESFUERZO EN EL LÍMITE DE FLUENCIA CONVENCIONAL A PRESENTARSE EN LOS TORONES POR DEFORMACIÓN UNITARIA DE 0.01 (f_{py} 0.01 kg/cm2)
d) ESFUERZO EN EL LÍMITE DE FLUENCIA CONVENCIONAL A PRESENTARSE EN LOS TORONES POR DEFORMACIÓN UNITARIA DE 0.01 (f_{py} 0.01 kg/cm2)

MATERIALES :

EL CONTRATISTA PODRÁ SUMINISTRAR A LA PLACA LOS MATERIALES DE CADA UNA DE LAS ESPECIES QUE SE INDICAN EN LOS PLANOS, SIEMPRE QUE LOS MATERIALES QUE PROPONGA SUMINISTRAR CUMPLAN CON LAS ESPECIFICACIONES Y NORMAS DE CALIDAD QUE SE EXIJAN EN LA OBRA.

MATERIALES DE ACERO,

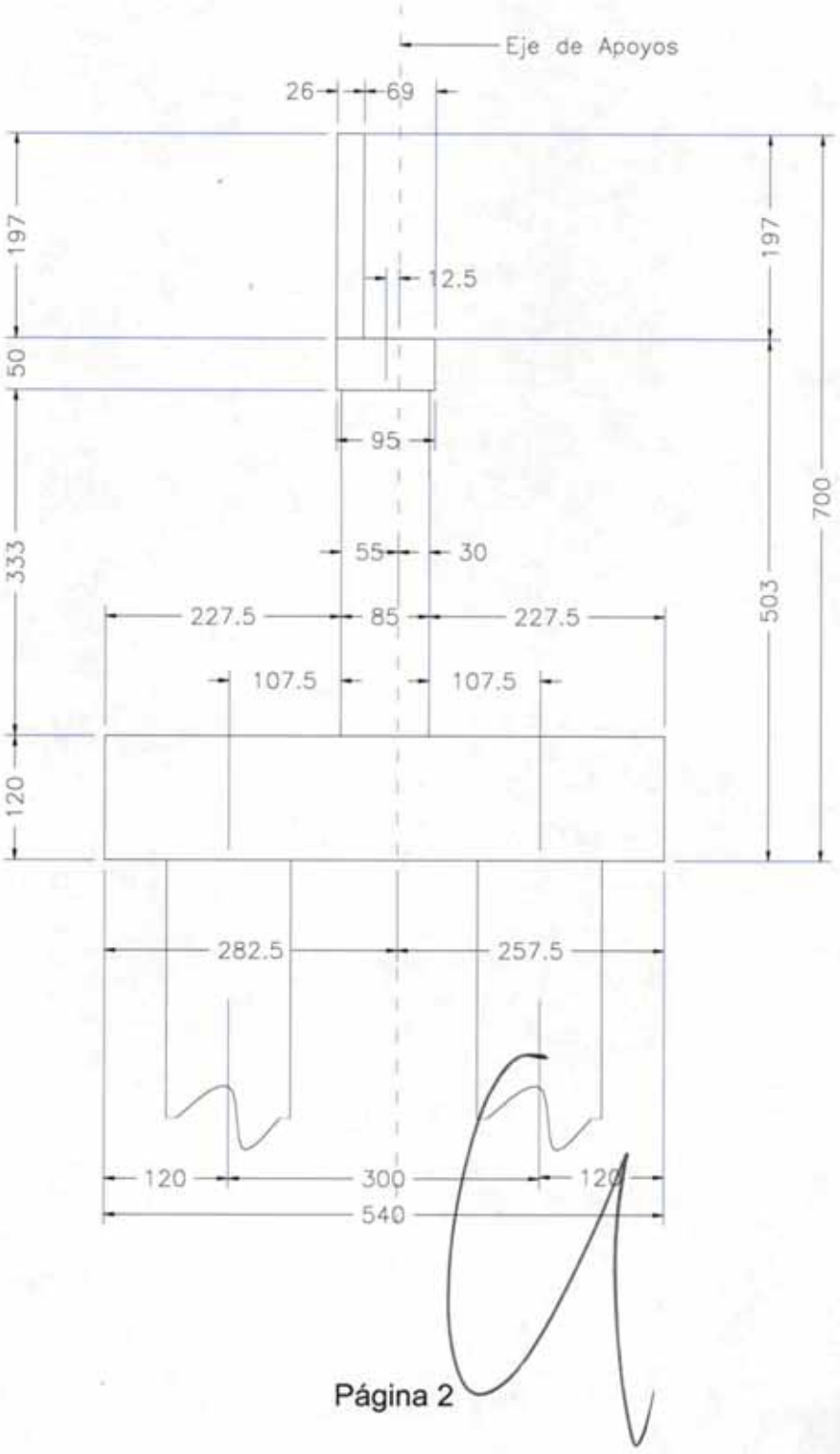
DISEÑO DE ESTRIBO

EJE 90

DISTRIBUIDOR JT

1. Geometría del estribo

Se propone el siguiente estribo, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre el estribo

2.1 Cargas muertas

La carga muerta proveniente de la superestructura por viga es igual a:

P_{DL} = 257.3 Ton

2.2 Cargas Vivas

La carga viva producida por un camión del tipo T3S2R4 es igual a:

$V_{T3S2R4\text{-}28m}$= 48.5 Ton

Para 2 bandas de circulación:

LL = 2bandas × 48.5 = 97 Ton

$M_{LLTRANS}$ = 97 × 2.35 = 228.0 Ton-m

Para 3 bandas de circulación:

LL = 3bandas × 0.9 × 48.5 = 131 Ton

$M_{LLTRANS}$ = 131 × 0.85 = 111.4 Ton-m

Estas cargas se deberán de aumentar en un 23% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 97 Ton × 0.05 = 4.9 Ton

Esta fuerza se aplica a una altura igual a 3.81 m por encima del nivel de la corona.

2.4 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 14 × 2.45 = 12.3 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 14 × 2.45 = 3.0 Ton

Esta fuerza se aplica a una altura igual a 1.65 m por encima del nivel de la corona.

2.5 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar el viento actuando en la carga viva:

W transversal = 100 lb/ft × $\left(\frac{194}{160}\right)^2$ = 147 lb/ft

W longitudinal = 40 lb/ft × $\left(\frac{194}{160}\right)^2$ = 59 lb/ft

Por el viento transversal:

Ptrans = 0.22 Ton/m × 14 m = 3.1 Ton

Por el viento longitudinal:

Plong = 0.09 Ton/m × 14 m = 1.3 Ton

Esta fuerza se aplica a una altura igual a 3.81 m por encima del nivel de la corona.

2.6 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y período de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S\ trans = S\ long = 1.5 \times 0.30 \times \left(\frac{257.3}{4} + \frac{70.2}{2} \right) = 44.7\ Ton$$

Esta fuerza se aplica a una altura igual a 0.82 m por encima del nivel de la corona.

2.7 Empuje de Tierras

De acuerdo al inciso 7.5.2.1 del reglamento del AASHTO, se debe despreciar el empuje de tierras ejercido por material de relleno enfrente del estribo.

El empuje de tierras se puede estimar de acuerdo a la siguiente expresión:

$$\sigma h = Ka \times \sigma v$$

donde :

$$Ka = \frac{1-\sin\phi}{1+\sin\phi} = 0.33$$

$$\sigma v = \gamma \times h = 1800h$$

Substituyendo se obtiene que:

$$\sigma h = 0.33 \times 1800 \times h = 600h \ (kg/m2)$$

2.8 Empuje sísmico de tierras

El empuje sísmico de tierras se puede estimar a partir de las relaciones propuestas por Mononobe - Okabe:

$$A = \frac{1.5 \times 0.30 \times 2}{4} = 0.22$$

$$Kh = \frac{A}{2} = 0.11$$

$\theta = \tan^{-1}(K_h) = 6.3°$

$\phi = 30°$

$\delta = 17°$

$\beta = i = 0$

$$\psi = \left(1 + \sqrt{\frac{\sin(\phi+\delta)\sin(\phi-\theta-i)}{\cos(\delta+\beta+\theta)\cos(i-\beta)}}\right)^2 = 2.55$$

$$Kae = \frac{\cos^2(\phi-\theta-\beta)}{\psi \cdot \cos\theta \cdot \cos^2\beta \cdot \cos(\delta+\beta+\theta)} = 0.37$$

Por lo que el empuje sísmico de tierras se puede expresar como:

$\sigma h = \gamma \times h \times Kae = 1800 \times h \times 0.37 = 666h$ kg/m2

2.9 Combinaciones de carga

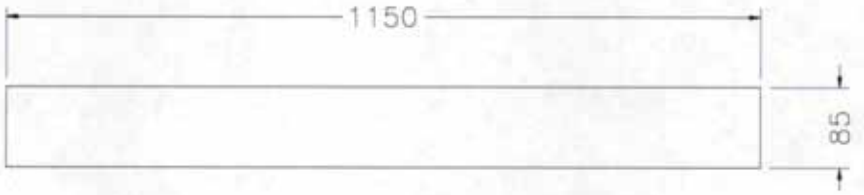
Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	1.3 (D + 1.3 E + 1.67 L + CF)
AASHTO II	1.3 (D + 1.3 E+ W)
AASHTO III	1.3 (D+L+1.3CF+1.3E +0.3W +W_{LL}+ LF)
AASHTO VII-a	1.3 (D + 1.3 E + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-b	1.3 (D + 1.3 E + 0.30EQ_{TR} + EQ_{LON})
AASHTO VII-c	1.3 (0.75D + 1.3E +EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-d	1.3 (0.75D + 1.3E+ 0.30EQ_{TR} + EQ_{LON})

3. Diseño del cuerpo del estribo

3.1 Sección propuesta

Se propone utilizar la siguiente sección transversal en el estribo:



3.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga por metro de ancho de estribo se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Mu (Ton-m)*	*Vu (Ton-m)*
AASHTO I	63.97	49.66	20.58
AASHTO II	41.44	48.70	20.92
AASHTO III	54.93	58.59	21.93
AASHTO VII-A	41.44	61.11	24.36
AASHTO VII-B	41.44	77.56	27.90
AASHTO VII-C	31.08	60.21	24.36
AASHTO VII-D	31.08	76.65	27.90

3.3 Diseño a flexión

El máximo momento es igual a 77.6 Ton-m; por lo que el acero requerido se puede obtener de las siguientes expresiones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2}\right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 77.6 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 85 - 7 - 1.27 = 76.73 cm
b = 100 cm

Se obtiene que:

As req = 27.7 cm2 y a = 5.5 cm

El área de acero mínima es igual a:
As min = 16.1 cm2

El área de acero máxima es igual a:
As max = 0.019 × b × d = 145.8 cm2

∴ Utilizar varillas del No. 8 @ 15 cm

3.4 Revisión a cortante

El máximo cortante corresponde a la combinación de carga AASHTO-VII-B, y tiene un valor de 27.90 Ton por metro de ancho de estribo.

La resistencia a cortante del concreto es igual a:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 100 \times 76.73 = 54.7 \text{ Ton} > Vu$$

$\therefore$ El muro es adecuado a cortante.

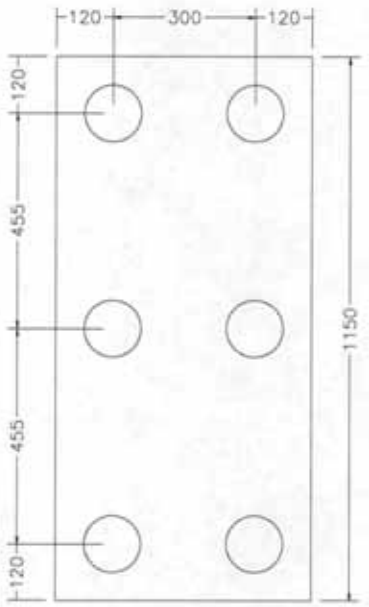
4. Diseño de cimentación

4.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar 6 pilas de cimentación de 1.20m de diámetro, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 368 Ton/pila.

4.2 Dimensiones de la zapata

Se propone utilizar una zapata con 6 pilas de cimentación tal y como se muestra en el siguiente diagrama:



4.3 Cargas

Las cargas que se utilizarán son las correspondientes del punto No. 2, transportadas al nivel de desplante.

4.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	*Pvertical (Ton)*	*Flongitudinal (Ton-m)*	*Ftransversal (Ton-m)*	*Mlongitudinal (Ton-m)*	*MTransversal (Ton-m)*	*%*
AASHTO I	944.73	140.07	-	32.32	228.00	100
AASHTO II	847.73	143.07	12.40	24.41	82.83	125
AASHTO III	944.73	151.97	6.82	70.93	280.25	125
AASHTO VII-A	847.73	168.89	44.70	83.15	261.50	133
AASHTO VII-B	847.73	200.18	13.41	266.20	78.45	133

La siguiente tabla muestra las diferentes combinaciones de cargas últimas:

Combinación	*Pvertical (Ton)*	*Flongitudinal (Ton-m)*	*Ftransversal (Ton-m)*	*Mlongitudinal (Ton-m)*	*MTransversal (Ton-m)*
AASHTO I	1363.17	236.72	-	89.52	613.79
AASHTO II	1102.04	240.62	16.12	82.93	107.68
AASHTO III	1258.41	252.19	8.87	210.66	435.47
AASHTO VII-A	1102.04	280.19	58.11	241.93	339.94
AASHTO VII-B	1102.04	320.87	17.43	479.89	101.98

4.5 Revisión de esfuerzos en el terreno

Se realizó un análisis de elemento finito, a fin de determinar las fuerzas máximas y mínimas sobre los pilotes.

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	*Carga Máxima (Ton)*	*Carga Mínima (Ton)*	*Carga Admisible (Ton)*
AASHTO I	229.3	95.7	368.00
AASHTO II	209.4	83.3	460.00
AASHTO III	241.9	83.2	460.00
AASHTO VII-A	237.7	55.1	489.44
AASHTO VII-B	241.2	51.3	489.44

De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	*Carga Máxima (Ton)*	*Carga Mínima (Ton)*
AASHTO I	367.6	99.1
AASHTO II	303.2	77.0
AASHTO III	355.6	76.4
AASHTO VII-A	348.6	31.7
AASHTO VII-B	361.0	18.8

4.6 Revisión al volteo

La pila deberá tener un factor de seguridad al volteo mayor o igual a 2.0 Este factor de seguridad se puede evaluar a partir de la siguiente expresión:

$$Fsvolteo = \frac{\sum Mresistentes}{\sum Mvolteo} > 2.0$$

Para cada combinación de carga se obtiene un factor de seguridad, los cuáles se presentan en la siguiente tabla:

Combinación	*M Resistentes (Ton-m)*	*M volteo (Ton-m)*	*FS*
AASHTO I	2,192.17	294.01	7.46
AASHTO II	2,012.72	314.05	6.41
AASHTO III	2,192.17	397.27	5.52
AASHTO VII-A	2,012.72	421.61	4.77
AASHTO VII-B	2,012.72	604.66	3.33

De esta tabla podemos observar que el factor de seguridad al volteo es mayor que 2.0 en todos los casos, por lo que el factor de seguridad es adecuado.

4.7 Revisión a fuerzas laterales

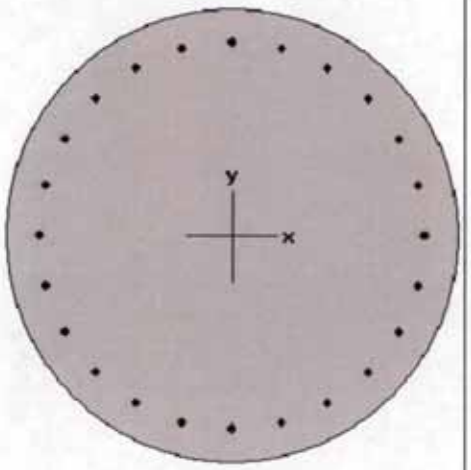
Se realizó un análisis de elemento finito, en el cual se modeló el suelo como resortes no lineales cada resorte con una gráfica del tipo p-y; de este análisis se obtuvieron los desplazamientos en la parte superior del pilote, y se comparó con el máximo recomendado de 38 mm.

Combinación	*Desplazamiento (mm)*
AASHTO I	17.95
AASHTO II	18.25
AASHTO III	19.85
AASHTO VII-A	22.11
AASHTO VII-B	26.04

Asimismo, para que el pilote sea adecuado debe soportar un momento último de 193.5 Ton-m

Se propone el siguiente pilote, de 120 cms de diámetro con concreto de f'c=250 kg/cm2, y reforzado con 24 varillas del No. 8.

Del diagrama de interacción del pilote, se observa que el acero es adecuado.



47.2 inch diam.
1.08% reint.

Reinforcement

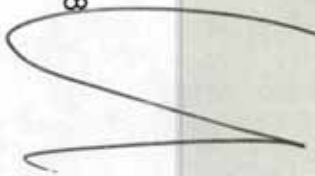
Confinement: Tied

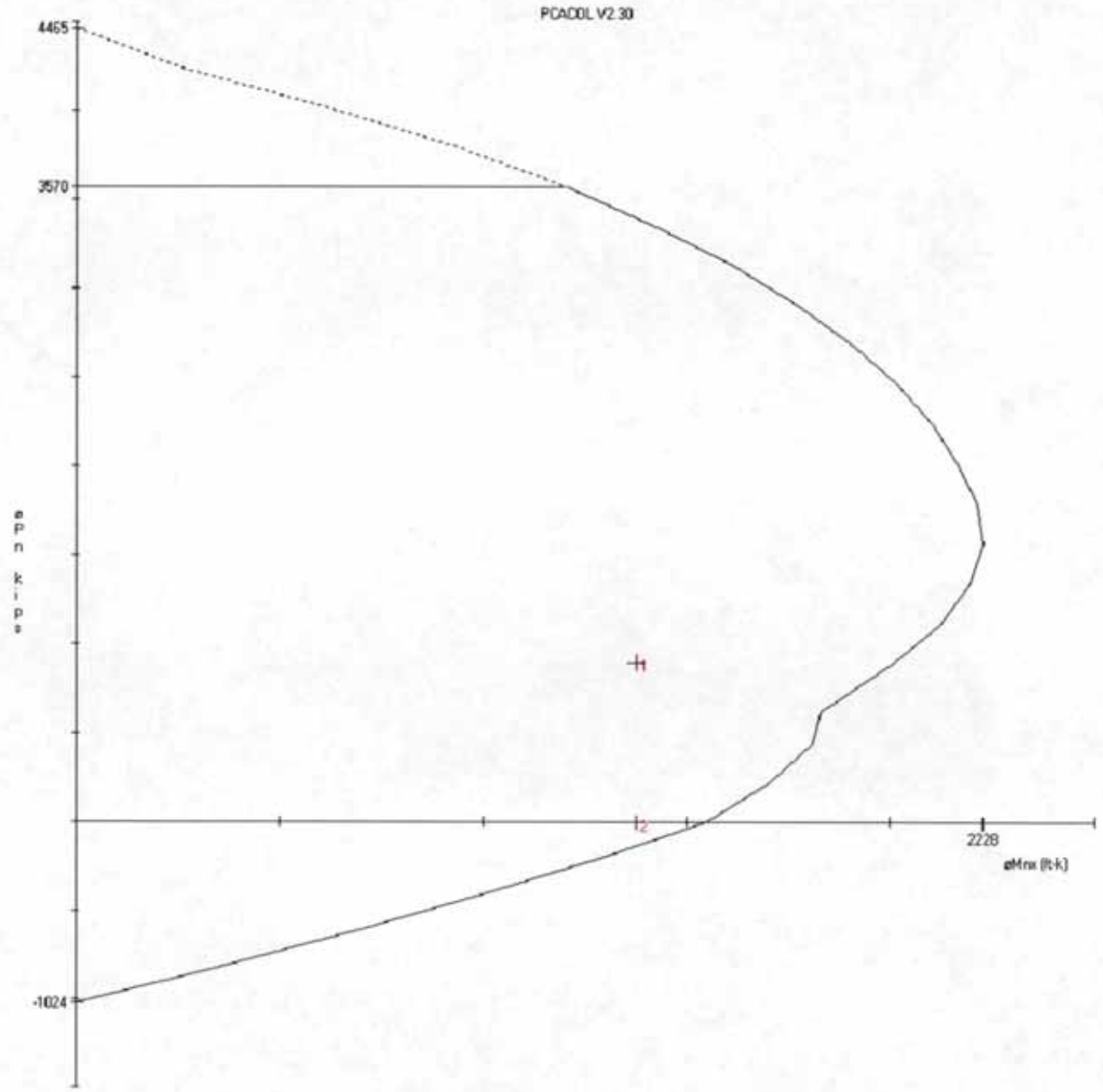
A_g = 18.96 in^2

24-#8 @ 1.08%

Clear Cover = 3.00 in

Spacing = 4.25 in





4.8 Diseño estructural de la zapata

4.8.1 Diseño a flexión de la zapata

El momento último en la zapata se puede estimar como:

Mu = 367.6 Ton × 3 pilotes × 1.075 m = 1185.5 Ton-m

Este momento se distribuye en un ancho igual a 11.5 m, por lo que el momento por metro de ancho es igual a:

Mu = 1185.5 / 11.5 = 103.1 Ton-m

El requerimiento de acero esta dado por la siguiente expresión:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2} \right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 103.1 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 120 - 7 - 2 = 111 cm
b = 100 cm

Se obtiene que:

As req = 25.0 cm2 y a = 4.93 cm

El área de acero mínima es igual a:

As min = 22 cm2/m

El área de acero máxima es igual a:

As max = 0.019 × b × d = 210.9 cm2/m

∴ Colocar varillas del No.8 @ 20cm

4.8.2 Diseño por corte.

El cortante último, se puede estimar como:

Vu = 367.6 Ton × 3 pilotes = 1102.8

La resistencia al cortante esta dada por:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 1150 \times 111 = 909.3 Ton$

El requerimiento de acero es igual a:

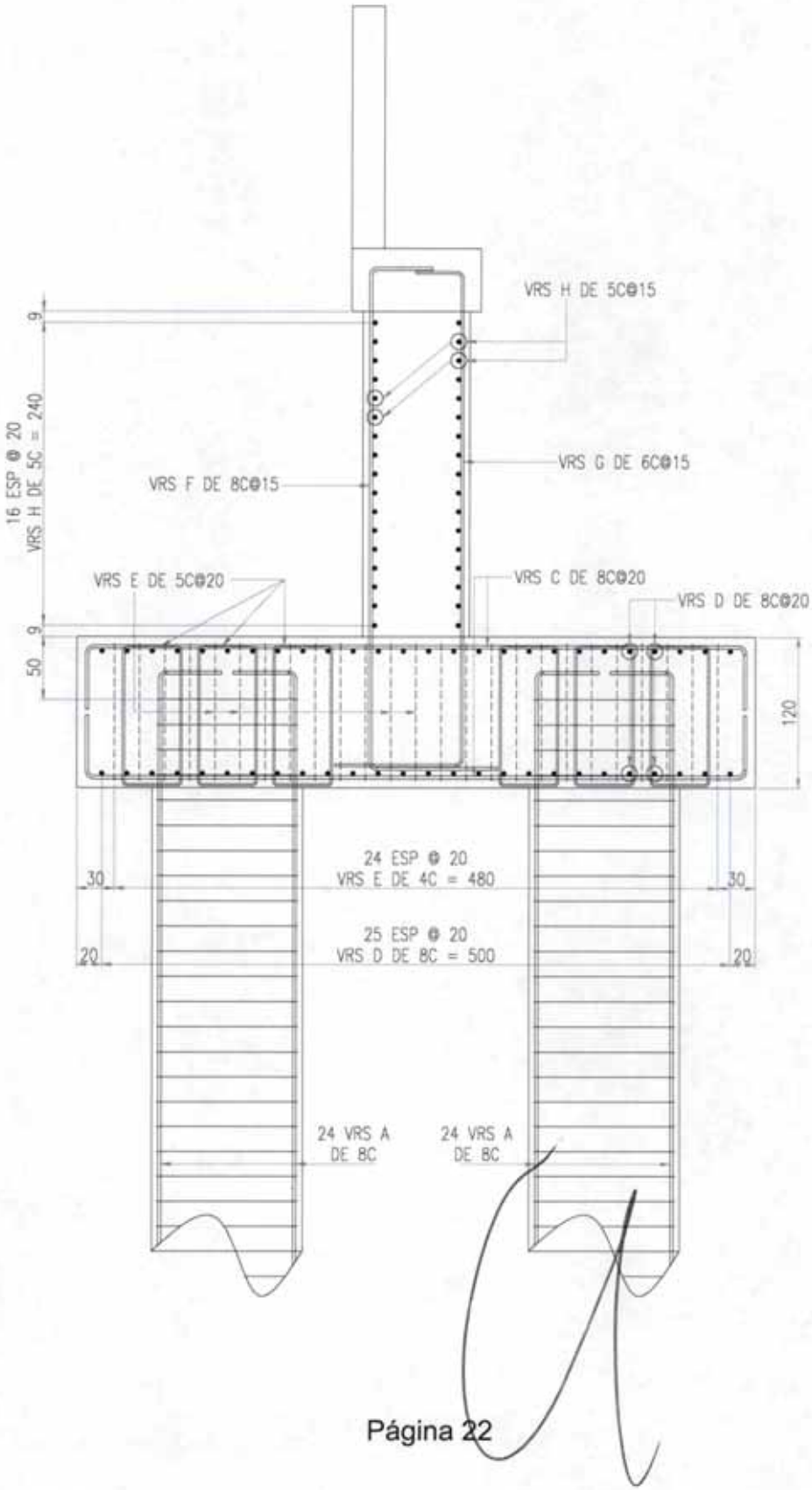
$$Vs = \frac{Vu - \phi Vc}{\phi} = 227.6 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{227.6}{4.2 \times 111} = 0.49 \text{ cm2/cm}$$

$\therefore$ Colocar 0.49 cm2/cm de acero de refuerzo por cortante

5. Croquis del estribo



CONSTRUCTORA MOYEDA SA DE CV

ESTRIBO - EJE 90

Administrador
CONSTRUCTORA MOYEDA SA DE CV

MORONES PRIETO 1316 PTE
COL. PIO X
MONTERREY, NL
MEXICO 64710
Tel. 818-345-2494

PROJECT SUMMARY

INPUT PROPERTIES	Count
Universal Restraints	None
Materials	1
Sections	2
User Coordinate System	None
Spring Curves	None
Isolator Property	None
Gross Definitions	None

INPUT GEOMETRY	Count
Joints	119
Members	98
Plates	400
Springs	182
Isolator Bearings	None
Mass Elements	None
Slave / Masters	None
Tendons	None

LOAD CASES	Count
Load Cases	11
Combination Cases	12
Construction Stages	None
Linked Deliveries	None

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- INPUT : Sections	Page 5	- RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)	Page 153
- INPUT : Section Stress Points	Page 5	- RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)	Page 165
- INPUT : Section Dimensions	Page 5		
- INPUT : Joints	Page 5		
- INPUT : Members	Page 21		
- INPUT : Member End Offsets	Page 24		
- INPUT : Springs	Page 27		
- INPUT : Plates	Page 32		
- INPUT : More Material Properties	Page 44		
- Load Cases	Page 44		

Graphics View 1

Zoom 1.250X

INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/°C *10^-6)	Assigned
FC=250KG/CM2	2,387,519.01	0.1800	1,011,660.57	2.4000	3.050556	Yes

INPUT : Sections

Name	Section Area (m²)	Shear Area in xy (m²)	Shear Area in xz (m²)	Torsion Constant (m^4)	Inertia Izz (m^4)	Inertia Iyy (m^4)	Plastic Modulus Zyy (m³)	Plastic Modulus Zzz (m³)	Perimeter (m)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
CABEZAL	0.9600	0.8040	0.3858	0.0507	0.5072	0.0365	0.0000	0.0000	6.7000	(NONE)	50.	5.	Yes
PILOTE	1.1310	1.0179	1.0179	0.2036	0.1018	0.1018	0.0000	0.0000	3.7699	(NONE)	50.	5.	Yes

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
CABEZAL	0.8618	0.4750	0.8618	-0.4750	-1.5382	-0.1300	-1.5382	0.1300	(none)	(none)	(none)	(none)
PILOTE	0.0000	0.6000	0.6000	0.0000	0.0000	-0.6000	-0.6000	0.0000	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
CABEZAL	T Shape	2.4000	0.9500	0.2400	0.5000		
PILOTE	Circle	1.2000					

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
556	0.0000	0.0000	0.0000	all free	all free	Global	Yes
564	10.3000	5.4000	0.0000	all free	all free	Global	Yes
565	0.0000	1.2000	0.0000	all free	all free	Global	Yes
566	1.2000	0.0000	0.0000	all free	all free	Global	Yes
567	0.6000	0.0000	0.0000	all free	all free	Global	Yes
568	0.0000	0.4000	0.0000	all free	all free	Global	Yes
569	0.6000	0.4000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
572	0.0000	4.2000	0.0000	all free	all free	Global	Yes
574	0.6000	1.2000	0.0000	all free	all free	Global	Yes
575	0.0000	1.7000	0.0000	all free	all free	Global	Yes
576	0.6000	1.7000	0.0000	all free	all free	Global	Yes
578	0.0000	2.2000	0.0000	all free	all free	Global	Yes
579	0.6000	2.2000	0.0000	all free	all free	Global	Yes
581	0.0000	2.5750	0.0000	all free	all free	Global	Yes
584	0.0000	3.2000	0.0000	all free	all free	Global	Yes
585	0.6000	3.2000	0.0000	all free	all free	Global	Yes
587	0.0000	3.7000	0.0000	all free	all free	Global	Yes
588	0.6000	3.7000	0.0000	all free	all free	Global	Yes
591	0.0000	5.4000	0.0000	all free	all free	Global	Yes
593	0.6000	4.2000	0.0000	all free	all free	Global	Yes
594	0.0000	4.8000	0.0000	all free	all free	Global	Yes
595	0.6000	4.8000	0.0000	all free	all free	Global	Yes
597	0.0000	5.4000	0.0000	all free	all free	Global	Yes
598	1.2000	1.2000	0.0000	all free	all free	Global	Yes
599	10.3000	0.0000	0.0000	all free	all free	Global	Yes
600	1.7688	0.0000	0.0000	all free	all free	Global	Yes
601	2.5375	0.0000	0.0000	all free	all free	Global	Yes
602	2.9063	0.0000	0.0000	all free	all free	Global	Yes
603	3.4750	0.0000	0.0000	all free	all free	Global	Yes
604	4.0438	0.0000	0.0000	all free	all free	Global	Yes
605	4.9125	0.0000	0.0000	all free	all free	Global	Yes
606	5.1813	0.0000	0.0000	all free	all free	Global	Yes
607	5.7500	0.0000	0.0000	all free	all free	Global	Yes
608	6.3188	0.0000	0.0000	all free	all free	Global	Yes
609	6.8875	0.0000	0.0000	all free	all free	Global	Yes
610	7.4563	0.0000	0.0000	all free	all free	Global	Yes
611	8.0250	0.0000	0.0000	all free	all free	Global	Yes
612	8.5938	0.0000	0.0000	all free	all free	Global	Yes
613	9.1625	0.0000	0.0000	all free	all free	Global	Yes
614	9.7313	0.0000	0.0000	all free	all free	Global	Yes
615	1.2000	0.6000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
616	1.7688	0.6000	0.0000	all free	all free	Global	Yes
617	2.3375	0.6000	0.0000	all free	all free	Global	Yes
618	2.9063	0.6000	0.0000	all free	all free	Global	Yes
619	3.4750	0.6000	0.0000	all free	all free	Global	Yes
620	4.0438	0.6000	0.0000	all free	all free	Global	Yes
621	4.6125	0.6000	0.0000	all free	all free	Global	Yes
622	5.1813	0.6000	0.0000	all free	all free	Global	Yes
623	5.7500	0.6000	0.0000	all free	all free	Global	Yes
624	6.3188	0.6000	0.0000	all free	all free	Global	Yes
625	6.8875	0.6000	0.0000	all free	all free	Global	Yes
626	7.4563	0.6000	0.0000	all free	all free	Global	Yes
627	8.0250	0.6000	0.0000	all free	all free	Global	Yes
628	8.5938	0.6000	0.0000	all free	all free	Global	Yes
629	9.1625	0.6000	0.0000	all free	all free	Global	Yes
630	9.7313	0.6000	0.0000	all free	all free	Global	Yes
631	10.3000	0.6000	0.0000	all free	all free	Global	Yes
647	1.2000	4.2000	0.0000	all free	all free	Global	Yes
648	10.3000	1.2000	0.0000	all free	all free	Global	Yes
649	1.7688	1.2000	0.0000	all free	all free	Global	Yes
650	2.3375	1.2000	0.0000	all free	all free	Global	Yes
651	2.9063	1.2000	0.0000	all free	all free	Global	Yes
652	3.4756	1.2000	0.0000	all free	all free	Global	Yes
653	4.0438	1.2000	0.0000	all free	all free	Global	Yes
654	4.6125	1.2000	0.0000	all free	all free	Global	Yes
655	5.1813	1.2000	0.0000	all free	all free	Global	Yes
656	5.7500	1.2000	0.0000	all free	all free	Global	Yes
657	6.3188	1.2000	0.0000	all free	all free	Global	Yes
658	6.8875	1.2000	0.0000	all free	all free	Global	Yes
659	7.4563	1.2000	0.0000	all free	all free	Global	Yes
660	8.0250	1.2000	0.0000	all free	all free	Global	Yes
661	8.5938	1.2000	0.0000	all free	all free	Global	Yes
662	9.1625	1.2000	0.0000	all free	all free	Global	Yes
663	9.7313	1.2000	0.0000	all free	all free	Global	Yes
664	1.2000	1.7000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
665	1.7688	1.7000	0.0000	all free	all free	Global	Yes
666	2.3375	1.7000	0.0000	all free	all free	Global	Yes
667	2.9063	1.7000	0.0000	all free	all free	Global	Yes
668	3.4750	1.7000	0.0000	all free	all free	Global	Yes
669	4.0438	1.7000	0.0000	all free	all free	Global	Yes
670	4.6125	1.7000	0.0000	all free	all free	Global	Yes
671	5.1813	1.7000	0.0000	all free	all free	Global	Yes
672	5.7500	1.7000	0.0000	all free	all free	Global	Yes
673	6.3188	1.7000	0.0000	all free	all free	Global	Yes
674	6.8875	1.7000	0.0000	all free	all free	Global	Yes
675	7.4563	1.7000	0.0000	all free	all free	Global	Yes
676	8.0250	1.7000	0.0000	all free	all free	Global	Yes
677	8.5938	1.7000	0.0000	all free	all free	Global	Yes
678	9.1625	1.7000	0.0000	all free	all free	Global	Yes
679	9.7313	1.7000	0.0000	all free	all free	Global	Yes
680	10.3000	1.7000	0.0000	all free	all free	Global	Yes
681	1.2000	2.2000	0.0000	all free	all free	Global	Yes
682	1.7688	2.2000	0.0000	all free	all free	Global	Yes
683	2.3375	2.2000	0.0000	all free	all free	Global	Yes
684	2.9063	2.2000	0.0000	all free	all free	Global	Yes
685	3.4756	2.2000	0.0000	all free	all free	Global	Yes
686	4.0438	2.2000	0.0000	all free	all free	Global	Yes
687	4.6125	2.2000	0.0000	all free	all free	Global	Yes
688	5.1813	2.2000	0.0000	all free	all free	Global	Yes
689	5.7500	2.2000	0.0000	all free	all free	Global	Yes
690	6.3188	2.2000	0.0000	all free	all free	Global	Yes
691	6.8875	2.2000	0.0000	all free	all free	Global	Yes
692	7.4563	2.2000	0.0000	all free	all free	Global	Yes
693	8.0250	2.2000	0.0000	all free	all free	Global	Yes
694	8.5938	2.2000	0.0000	all free	all free	Global	Yes
695	9.1625	2.2000	0.0000	all free	all free	Global	Yes
696	9.7313	2.2000	0.0000	all free	all free	Global	Yes
697	10.3000	2.2000	0.0000	all free	all free	Global	Yes
715	1.2000	3.2000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
716	1.7688	3.2000	0.0000	all free	all free	Global	Yes
717	2.3375	3.2000	0.0000	all free	all free	Global	Yes
718	2.9063	3.2000	0.0000	all free	all free	Global	Yes
719	3.4750	3.2000	0.0000	all free	all free	Global	Yes
720	4.0438	3.2000	0.0000	all free	all free	Global	Yes
721	4.6125	3.2000	0.0000	all free	all free	Global	Yes
722	5.1813	3.2000	0.0000	all free	all free	Global	Yes
723	5.7500	3.2000	0.0000	all free	all free	Global	Yes
724	6.3188	3.2000	0.0000	all free	all free	Global	Yes
725	6.8875	3.2000	0.0000	all free	all free	Global	Yes
726	7.4563	3.2000	0.0000	all free	all free	Global	Yes
727	8.0250	3.2000	0.0000	all free	all free	Global	Yes
728	8.5938	3.2000	0.0000	all free	all free	Global	Yes
729	9.1625	3.2000	0.0000	all free	all free	Global	Yes
730	9.7313	3.2000	0.0000	all free	all free	Global	Yes
731	10.3000	3.2000	0.0000	all free	all free	Global	Yes
732	1.2000	3.7000	0.0000	all free	all free	Global	Yes
733	1.7688	3.7000	0.0000	all free	all free	Global	Yes
734	2.3375	3.7000	0.0000	all free	all free	Global	Yes
735	2.9063	3.7000	0.0000	all free	all free	Global	Yes
736	3.4750	3.7000	0.0000	all free	all free	Global	Yes
737	4.0438	3.7000	0.0000	all free	all free	Global	Yes
738	4.6125	3.7000	0.0000	all free	all free	Global	Yes
739	5.1813	3.7000	0.0000	all free	all free	Global	Yes
740	5.7500	3.7000	0.0000	all free	all free	Global	Yes
741	6.3188	3.7000	0.0000	all free	all free	Global	Yes
742	6.8875	3.7000	0.0000	all free	all free	Global	Yes
743	7.4563	3.7000	0.0000	all free	all free	Global	Yes
744	8.0250	3.7000	0.0000	all free	all free	Global	Yes
745	8.5938	3.7000	0.0000	all free	all free	Global	Yes
746	9.1625	3.7000	0.0000	all free	all free	Global	Yes
747	9.7313	3.7000	0.0000	all free	all free	Global	Yes
748	10.3000	3.7000	0.0000	all free	all free	Global	Yes
764	1.2000	5.4000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
765	10.3000	4.2000	0.0000	all free	all free	Global	Yes
766	1.7688	4.2000	0.0000	all free	all free	Global	Yes
767	2.3375	4.2000	0.0000	all free	all free	Global	Yes
768	2.9063	4.2000	0.0000	all free	all free	Global	Yes
769	3.4750	4.2000	0.0000	all free	all free	Global	Yes
770	4.0438	4.2000	0.0000	all free	all free	Global	Yes
771	4.6125	4.2000	0.0000	all free	all free	Global	Yes
772	5.1813	4.2000	0.0000	all free	all free	Global	Yes
773	5.7500	4.2000	0.0000	all free	all free	Global	Yes
774	6.3188	4.2000	0.0000	all free	all free	Global	Yes
775	6.8875	4.2000	0.0000	all free	all free	Global	Yes
776	7.4563	4.2000	0.0000	all free	all free	Global	Yes
777	8.0250	4.2000	0.0000	all free	all free	Global	Yes
778	8.5938	4.2000	0.0000	all free	all free	Global	Yes
779	9.1625	4.2000	0.0000	all free	all free	Global	Yes
780	9.7313	4.2000	0.0000	all free	all free	Global	Yes
781	1.2000	4.8000	0.0000	all free	all free	Global	Yes
782	1.7688	4.8000	0.0000	all free	all free	Global	Yes
783	2.3375	4.8000	0.0000	all free	all free	Global	Yes
784	2.9063	4.8000	0.0000	all free	all free	Global	Yes
785	3.4750	4.8000	0.0000	all free	all free	Global	Yes
786	4.0438	4.8000	0.0000	all free	all free	Global	Yes
787	4.6125	4.8000	0.0000	all free	all free	Global	Yes
788	5.1813	4.8000	0.0000	all free	all free	Global	Yes
789	5.7500	4.8000	0.0000	all free	all free	Global	Yes
790	6.3188	4.8000	0.0000	all free	all free	Global	Yes
791	6.8875	4.8000	0.0000	all free	all free	Global	Yes
792	7.4563	4.8000	0.0000	all free	all free	Global	Yes
793	8.0250	4.8000	0.0000	all free	all free	Global	Yes
794	8.5938	4.8000	0.0000	all free	all free	Global	Yes
795	9.1625	4.8000	0.0000	all free	all free	Global	Yes
796	9.7313	4.8000	0.0000	all free	all free	Global	Yes
797	10.3000	4.8000	0.0000	all free	all free	Global	Yes
798	1.7688	5.4000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
799	2.3375	5.4000	0.0000	all free	all free	Global	Yes
800	3.0063	5.4000	0.0000	all free	all free	Global	Yes
801	3.4750	5.4000	0.0000	all free	all free	Global	Yes
802	4.0438	5.4000	0.0000	all free	all free	Global	Yes
803	4.8125	5.4000	0.0000	all free	all free	Global	Yes
804	5.1813	5.4000	0.0000	all free	all free	Global	Yes
805	5.7500	5.4000	0.0000	all free	all free	Global	Yes
806	6.3188	5.4000	0.0000	all free	all free	Global	Yes
807	6.8875	5.4000	0.0000	all free	all free	Global	Yes
808	7.4563	5.4000	0.0000	all free	all free	Global	Yes
809	8.0250	5.4000	0.0000	all free	all free	Global	Yes
810	8.5938	5.4000	0.0000	all free	all free	Global	Yes
811	9.1625	5.4000	0.0000	all free	all free	Global	Yes
812	9.7313	5.4000	0.0000	all free	all free	Global	Yes
813	11.5000	0.0000	0.0000	all free	all free	Global	Yes
814	10.9000	0.0000	0.0000	all free	all free	Global	Yes
815	10.9000	0.0000	0.0000	all free	all free	Global	Yes
816	10.9000	1.2000	0.0000	all free	all free	Global	Yes
817	10.9000	1.7000	0.0000	all free	all free	Global	Yes
818	10.9000	2.2000	0.0000	all free	all free	Global	Yes
820	10.9000	3.2000	0.0000	all free	all free	Global	Yes
821	10.9000	3.7000	0.0000	all free	all free	Global	Yes
822	10.9000	4.2000	0.0000	all free	all free	Global	Yes
823	10.9000	4.8000	0.0000	all free	all free	Global	Yes
824	10.9000	5.4000	0.0000	all free	all free	Global	Yes
825	11.5000	1.2000	0.0000	all free	all free	Global	Yes
826	11.5000	0.8000	0.0000	all free	all free	Global	Yes
827	11.5000	4.2000	0.0000	all free	all free	Global	Yes
828	11.5000	1.7000	0.0000	all free	all free	Global	Yes
829	11.5000	2.2000	0.0000	all free	all free	Global	Yes
831	11.5000	3.2000	0.0000	all free	all free	Global	Yes
832	11.5000	3.7000	0.0000	all free	all free	Global	Yes
833	11.5000	5.4000	0.0000	all free	all free	Global	Yes
834	11.5000	4.8000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
835	1.2000	1.2000	-1.0000	all free	all free	Global	Yes
836	1.2000	4.2000	-1.0000	all free	all free	Global	Yes
837	1.2000	1.2000	-2.0000	all free	all free	Global	Yes
838	1.2000	1.2000	-3.0000	all free	all free	Global	Yes
839	1.2000	1.2000	-4.0000	all free	all free	Global	Yes
840	1.2000	1.2000	-5.0000	all free	all free	Global	Yes
841	1.2000	1.2000	-6.0000	all free	all free	Global	Yes
842	1.2000	1.2000	-7.0000	all free	all free	Global	Yes
843	1.2000	1.2000	-8.0000	all free	all free	Global	Yes
844	1.2000	1.2000	-9.0000	all free	all free	Global	Yes
845	1.2000	1.2000	-10.0000	all free	all free	Global	Yes
846	1.2000	1.2000	-11.0000	all free	all free	Global	Yes
847	1.2000	1.2000	-12.0000	all free	all free	Global	Yes
848	1.2000	1.2000	-13.0000	all free	all free	Global	Yes
849	1.2000	4.2000	-2.0000	all free	all free	Global	Yes
850	1.2000	4.2000	-3.0000	all free	all free	Global	Yes
851	1.2000	4.2000	-4.0000	all free	all free	Global	Yes
852	1.2000	4.2000	-5.0000	all free	all free	Global	Yes
853	1.2000	4.2000	-6.0000	all free	all free	Global	Yes
854	1.2000	4.2000	-7.0000	all free	all free	Global	Yes
855	1.2000	4.2000	-8.0000	all free	all free	Global	Yes
856	1.2000	4.2000	-9.0000	all free	all free	Global	Yes
857	1.2000	4.2000	-10.0000	all free	all free	Global	Yes
858	1.2000	4.2000	-11.0000	all free	all free	Global	Yes
859	1.2000	4.2000	-12.0000	all free	all free	Global	Yes
860	1.2000	4.2000	-13.0000	all free	all free	Global	Yes
861	5.7500	1.2000	-1.0000	all free	all free	Global	Yes
862	5.7500	4.2000	-1.0000	all free	all free	Global	Yes
863	5.7500	1.2000	-2.0000	all free	all free	Global	Yes
864	5.7500	1.2000	-3.0000	all free	all free	Global	Yes
865	5.7500	1.2000	-4.0000	all free	all free	Global	Yes
866	5.7500	1.2000	-5.0000	all free	all free	Global	Yes
867	5.7500	1.2000	-6.0000	all free	all free	Global	Yes
868	5.7500	1.2000	-7.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
669	5.7500	1.2000	-9.0000	all free	all free	Global	Yes
670	5.7500	1.2000	-9.5000	all free	all free	Global	Yes
671	5.7500	1.2000	-10.0000	all free	all free	Global	Yes
672	5.7500	1.2000	-11.0000	all free	all free	Global	Yes
673	5.7500	1.2000	-12.0000	all free	all free	Global	Yes
674	5.7500	1.2000	-13.0000	all free	all free	Global	Yes
675	5.7500	4.2000	-2.0000	all free	all free	Global	Yes
676	5.7500	4.2000	-3.0000	all free	all free	Global	Yes
677	5.7500	4.2000	-4.0000	all free	all free	Global	Yes
678	5.7500	4.2000	-5.0000	all free	all free	Global	Yes
679	5.7500	4.2000	-6.0000	all free	all free	Global	Yes
680	5.7500	4.2000	-7.0000	all free	all free	Global	Yes
681	5.7500	4.2000	-8.0000	all free	all free	Global	Yes
682	5.7500	4.2000	-9.0000	all free	all free	Global	Yes
683	5.7500	4.2000	-10.0000	all free	all free	Global	Yes
684	5.7500	4.2000	-11.0000	all free	all free	Global	Yes
685	5.7500	4.2000	-12.0000	all free	all free	Global	Yes
686	5.7500	4.2000	-13.0000	all free	all free	Global	Yes
687	10.3000	1.2000	-1.0000	all free	all free	Global	Yes
688	10.3000	4.2000	-1.0000	all free	all free	Global	Yes
689	10.3000	1.2000	-2.0000	all free	all free	Global	Yes
690	10.3000	1.2000	-3.0000	all free	all free	Global	Yes
691	10.3000	1.2000	-4.0000	all free	all free	Global	Yes
692	10.3000	1.2000	-5.0000	all free	all free	Global	Yes
693	10.3000	1.2000	-6.0000	all free	all free	Global	Yes
694	10.3000	1.2000	-7.0000	all free	all free	Global	Yes
695	10.3000	1.2000	-8.0000	all free	all free	Global	Yes
696	10.3000	1.2000	-9.0000	all free	all free	Global	Yes
697	10.3000	1.2000	-10.0000	all free	all free	Global	Yes
698	10.3000	1.2000	-11.0000	all free	all free	Global	Yes
699	10.3000	1.2000	-12.0000	all free	all free	Global	Yes
900	10.3000	1.2000	-13.0000	all free	all free	Global	Yes
901	10.3000	4.2000	-2.0000	all free	all free	Global	Yes
902	10.3000	4.2000	-3.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
903	10.3000	4.2000	-4.0000	all free	all free	Global	Yes
904	10.3000	4.2000	-5.0000	all free	all free	Global	Yes
905	10.3000	4.2000	-6.0000	all free	all free	Global	Yes
906	10.3000	4.2000	-7.0000	all free	all free	Global	Yes
907	10.3000	4.2000	-8.0000	all free	all free	Global	Yes
908	10.3000	4.2000	-9.0000	all free	all free	Global	Yes
909	10.3000	4.2000	-10.0000	all free	all free	Global	Yes
910	10.3000	4.2000	-11.0000	all free	all free	Global	Yes
911	10.3000	4.2000	-12.0000	all free	all free	Global	Yes
912	10.3000	4.2000	-13.0000	all free	all free	Global	Yes
915	11.5000	2.5750	0.5030	all free	all free	Global	Yes
916	0.0000	2.5750	0.5030	all free	all free	Global	Yes
917	1.2000	2.5750	0.0000	all free	all free	Global	Yes
918	0.6000	2.5750	0.0000	all free	all free	Global	Yes
919	0.6000	2.5750	0.5030	all free	all free	Global	Yes
920	1.2000	2.5750	0.5030	all free	all free	Global	Yes
921	10.3000	2.5750	0.0000	all free	all free	Global	Yes
922	1.7688	2.5750	0.0000	all free	all free	Global	Yes
923	2.3375	2.5750	0.0000	all free	all free	Global	Yes
924	2.9063	2.5750	0.0000	all free	all free	Global	Yes
925	3.4750	2.5750	0.0000	all free	all free	Global	Yes
926	4.0438	2.5750	0.0000	all free	all free	Global	Yes
927	4.6125	2.5750	0.0000	all free	all free	Global	Yes
928	5.1813	2.5750	0.0000	all free	all free	Global	Yes
929	5.7500	2.5750	0.0000	all free	all free	Global	Yes
930	6.3188	2.5750	0.0000	all free	all free	Global	Yes
931	6.8875	2.5750	0.0000	all free	all free	Global	Yes
932	7.4563	2.5750	0.0000	all free	all free	Global	Yes
933	8.0250	2.5750	0.0000	all free	all free	Global	Yes
934	8.5938	2.5750	0.0000	all free	all free	Global	Yes
935	9.1625	2.5750	0.0000	all free	all free	Global	Yes
936	9.7313	2.5750	0.0000	all free	all free	Global	Yes
937	1.7688	2.5750	0.5030	all free	all free	Global	Yes
938	2.3375	2.5750	0.5030	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
939	2.9063	2.5750	0.5030	all free	all free	Global	Yes
940	3.4750	2.5750	0.5030	all free	all free	Global	Yes
941	4.0438	2.5750	0.5030	all free	all free	Global	Yes
942	4.6125	2.5750	0.5030	all free	all free	Global	Yes
943	5.1813	2.5750	0.5030	all free	all free	Global	Yes
944	5.7500	2.5750	0.5030	all free	all free	Global	Yes
945	6.3188	2.5750	0.5030	all free	all free	Global	Yes
946	6.8875	2.5750	0.5030	all free	all free	Global	Yes
947	7.4563	2.5750	0.5030	all free	all free	Global	Yes
948	8.0250	2.5750	0.5030	all free	all free	Global	Yes
949	8.5938	2.5750	0.5030	all free	all free	Global	Yes
950	9.1625	2.5750	0.5030	all free	all free	Global	Yes
951	9.7313	2.5750	0.5030	all free	all free	Global	Yes
952	10.3000	2.5750	0.5030	all free	all free	Global	Yes
953	11.5000	2.5750	0.0000	all free	all free	Global	Yes
954	10.9000	2.5750	0.0000	all free	all free	Global	Yes
955	10.9000	2.5750	0.5030	all free	all free	Global	Yes
956	11.5000	2.5750	1.0060	all free	all free	Global	Yes
957	0.0000	2.5750	1.0060	all free	all free	Global	Yes
958	0.6000	2.5750	1.0060	all free	all free	Global	Yes
959	1.2000	2.5750	1.0060	all free	all free	Global	Yes
960	1.7688	2.5750	1.0060	all free	all free	Global	Yes
961	2.3375	2.5750	1.0060	all free	all free	Global	Yes
962	2.9063	2.5750	1.0060	all free	all free	Global	Yes
963	3.4750	2.5750	1.0060	all free	all free	Global	Yes
964	4.0438	2.5750	1.0060	all free	all free	Global	Yes
965	4.6125	2.5750	1.0060	all free	all free	Global	Yes
966	5.1813	2.5750	1.0060	all free	all free	Global	Yes
967	5.7500	2.5750	1.0060	all free	all free	Global	Yes
968	6.3188	2.5750	1.0060	all free	all free	Global	Yes
969	6.8875	2.5750	1.0060	all free	all free	Global	Yes
970	7.4563	2.5750	1.0060	all free	all free	Global	Yes
971	8.0250	2.5750	1.0060	all free	all free	Global	Yes
972	8.5938	2.5750	1.0060	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
973	9.1625	2.5750	1.0060	all free	all free	Global	Yes
974	9.7313	2.5750	1.0060	all free	all free	Global	Yes
975	10.3000	2.5750	1.0060	all free	all free	Global	Yes
976	10.9000	2.5750	1.0060	all free	all free	Global	Yes
977	11.5000	2.5750	1.5090	all free	all free	Global	Yes
978	0.0000	2.5750	1.5090	all free	all free	Global	Yes
979	0.6000	2.5750	1.5090	all free	all free	Global	Yes
980	1.2000	2.5750	1.5090	all free	all free	Global	Yes
981	1.7688	2.5750	1.5090	all free	all free	Global	Yes
982	2.3375	2.5750	1.5090	all free	all free	Global	Yes
983	2.9063	2.5750	1.5090	all free	all free	Global	Yes
984	3.4750	2.5750	1.5090	all free	all free	Global	Yes
985	4.0438	2.5750	1.5090	all free	all free	Global	Yes
986	4.6125	2.5750	1.5090	all free	all free	Global	Yes
987	5.1813	2.5750	1.5090	all free	all free	Global	Yes
988	5.7500	2.5750	1.5090	all free	all free	Global	Yes
989	6.3188	2.5750	1.5090	all free	all free	Global	Yes
990	6.8875	2.5750	1.5090	all free	all free	Global	Yes
991	7.4563	2.5750	1.5090	all free	all free	Global	Yes
992	8.0250	2.5750	1.5090	all free	all free	Global	Yes
993	8.5938	2.5750	1.5090	all free	all free	Global	Yes
994	9.1625	2.5750	1.5090	all free	all free	Global	Yes
995	9.7313	2.5750	1.5090	all free	all free	Global	Yes
996	10.3000	2.5750	1.5090	all free	all free	Global	Yes
997	10.9000	2.5750	1.5090	all free	all free	Global	Yes
998	11.5000	2.5750	2.0120	all free	all free	Global	Yes
999	0.0000	2.5750	2.0120	all free	all free	Global	Yes
1000	0.6000	2.5750	2.0120	all free	all free	Global	Yes
1001	1.2000	2.5750	2.0120	all free	all free	Global	Yes
1002	1.7688	2.5750	2.0120	all free	all free	Global	Yes
1003	2.3375	2.5750	2.0120	all free	all free	Global	Yes
1004	2.9063	2.5750	2.0120	all free	all free	Global	Yes
1005	3.4750	2.5750	2.0120	all free	all free	Global	Yes
1006	4.0438	2.5750	2.0120	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1007	4.8125	2.5750	2.0120	all free	all free	Global	Yes
1008	5.1813	2.5750	2.0120	all free	all free	Global	Yes
1009	5.7500	2.5750	2.0120	all free	all free	Global	Yes
1010	6.3188	2.5750	2.0120	all free	all free	Global	Yes
1011	6.8875	2.5750	2.0120	all free	all free	Global	Yes
1012	7.4563	2.5750	2.0120	all free	all free	Global	Yes
1013	8.0250	2.5750	2.0120	all free	all free	Global	Yes
1014	8.5938	2.5750	2.0120	all free	all free	Global	Yes
1015	9.1625	2.5750	2.0120	all free	all free	Global	Yes
1016	9.7313	2.5750	2.0120	all free	all free	Global	Yes
1017	10.3000	2.5750	2.0120	all free	all free	Global	Yes
1018	10.9000	2.5750	2.0120	all free	all free	Global	Yes
1019	11.5000	2.5750	2.5150	all free	all free	Global	Yes
1020	0.0000	2.5750	2.5150	all free	all free	Global	Yes
1021	0.6000	2.5750	2.5150	all free	all free	Global	Yes
1022	1.2000	2.5750	2.5150	all free	all free	Global	Yes
1023	1.7688	2.5750	2.5150	all free	all free	Global	Yes
1024	2.3375	2.5750	2.5150	all free	all free	Global	Yes
1025	2.9063	2.5750	2.5150	all free	all free	Global	Yes
1026	3.4750	2.5750	2.5150	all free	all free	Global	Yes
1027	4.0438	2.5750	2.5150	all free	all free	Global	Yes
1028	4.8125	2.5750	2.5150	all free	all free	Global	Yes
1029	5.1813	2.5750	2.5150	all free	all free	Global	Yes
1030	5.7500	2.5750	2.5150	all free	all free	Global	Yes
1031	6.3188	2.5750	2.5150	all free	all free	Global	Yes
1032	6.8875	2.5750	2.5150	all free	all free	Global	Yes
1033	7.4563	2.5750	2.5150	all free	all free	Global	Yes
1034	8.0250	2.5750	2.5150	all free	all free	Global	Yes
1035	8.5938	2.5750	2.5150	all free	all free	Global	Yes
1036	9.1625	2.5750	2.5150	all free	all free	Global	Yes
1037	9.7313	2.5750	2.5150	all free	all free	Global	Yes
1038	10.3000	2.5750	2.5150	all free	all free	Global	Yes
1039	10.9000	2.5750	2.5150	all free	all free	Global	Yes
1040	11.5000	2.5750	3.0180	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1041	0.0000	2.5750	3.0180	all free	all free	Global	Yes
1042	0.6000	2.5750	3.0180	all free	all free	Global	Yes
1043	1.2000	2.5750	3.0180	all free	all free	Global	Yes
1044	1.7688	2.5750	3.0180	all free	all free	Global	Yes
1045	2.3375	2.5750	3.0180	all free	all free	Global	Yes
1046	2.9063	2.5750	3.0180	all free	all free	Global	Yes
1047	3.4750	2.5750	3.0180	all free	all free	Global	Yes
1048	4.0438	2.5750	3.0180	all free	all free	Global	Yes
1049	4.8125	2.5750	3.0180	all free	all free	Global	Yes
1050	5.1813	2.5750	3.0180	all free	all free	Global	Yes
1051	5.7500	2.5750	3.0180	all free	all free	Global	Yes
1052	6.3188	2.5750	3.0180	all free	all free	Global	Yes
1053	6.8875	2.5750	3.0180	all free	all free	Global	Yes
1054	7.4563	2.5750	3.0180	all free	all free	Global	Yes
1055	8.0250	2.5750	3.0180	all free	all free	Global	Yes
1056	8.5938	2.5750	3.0180	all free	all free	Global	Yes
1057	9.1625	2.5750	3.0180	all free	all free	Global	Yes
1058	9.7313	2.5750	3.0180	all free	all free	Global	Yes
1059	10.3000	2.5750	3.0180	all free	all free	Global	Yes
1060	10.9000	2.5750	3.0180	all free	all free	Global	Yes
1061	11.5000	2.5750	3.5210	all free	all free	Global	Yes
1062	0.0000	2.5750	3.5210	all free	all free	Global	Yes
1063	0.6000	2.5750	3.5210	all free	all free	Global	Yes
1064	1.2000	2.5750	3.5210	all free	all free	Global	Yes
1065	1.7688	2.5750	3.5210	all free	all free	Global	Yes
1066	2.3375	2.5750	3.5210	all free	all free	Global	Yes
1067	2.9063	2.5750	3.5210	all free	all free	Global	Yes
1068	3.4750	2.5750	3.5210	all free	all free	Global	Yes
1069	4.0438	2.5750	3.5210	all free	all free	Global	Yes
1070	4.8125	2.5750	3.5210	all free	all free	Global	Yes
1071	5.1813	2.5750	3.5210	all free	all free	Global	Yes
1072	5.7500	2.5750	3.5210	all free	all free	Global	Yes
1073	6.3188	2.5750	3.5210	all free	all free	Global	Yes
1074	6.8875	2.5750	3.5210	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1075	7.4563	2.5750	3.5210	all free	all free	Global	Yes
1076	8.0250	2.5750	3.5210	all free	all free	Global	Yes
1077	8.5938	2.5750	3.5210	all free	all free	Global	Yes
1078	9.1625	2.5750	3.5210	all free	all free	Global	Yes
1079	9.7313	2.5750	3.5210	all free	all free	Global	Yes
1080	10.3000	2.5750	3.5210	all free	all free	Global	Yes
1081	10.9000	2.5750	3.5210	all free	all free	Global	Yes
1082	11.5000	2.5750	4.0240	all free	all free	Global	Yes
1083	0.0000	2.5750	4.0240	all free	all free	Global	Yes
1084	0.6000	2.5750	4.0240	all free	all free	Global	Yes
1085	1.2000	2.5750	4.0240	all free	all free	Global	Yes
1086	1.7688	2.5750	4.0240	all free	all free	Global	Yes
1087	2.3375	2.5750	4.0240	all free	all free	Global	Yes
1088	2.9063	2.5750	4.0240	all free	all free	Global	Yes
1089	3.4750	2.5750	4.0240	all free	all free	Global	Yes
1090	4.0438	2.5750	4.0240	all free	all free	Global	Yes
1091	4.6125	2.5750	4.0240	all free	all free	Global	Yes
1092	5.1813	2.5750	4.0240	all free	all free	Global	Yes
1093	5.7500	2.5750	4.0240	all free	all free	Global	Yes
1094	6.3188	2.5750	4.0240	all free	all free	Global	Yes
1095	6.8875	2.5750	4.0240	all free	all free	Global	Yes
1096	7.4563	2.5750	4.0240	all free	all free	Global	Yes
1097	8.0250	2.5750	4.0240	all free	all free	Global	Yes
1098	8.5938	2.5750	4.0240	all free	all free	Global	Yes
1099	9.1625	2.5750	4.0240	all free	all free	Global	Yes
1100	9.7313	2.5750	4.0240	all free	all free	Global	Yes
1101	10.3000	2.5750	4.0240	all free	all free	Global	Yes
1102	10.9000	2.5750	4.0240	all free	all free	Global	Yes
1103	11.5000	2.5750	4.5270	all free	all free	Global	Yes
1104	0.0000	2.5750	4.5270	all free	all free	Global	Yes
1105	0.6000	2.5750	4.5270	all free	all free	Global	Yes
1106	1.2000	2.5750	4.5270	all free	all free	Global	Yes
1107	1.7688	2.5750	4.5270	all free	all free	Global	Yes
1108	2.3375	2.5750	4.5270	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1109	2.9063	2.5750	4.5270	all free	all free	Global	Yes
1110	3.4750	2.5750	4.5270	all free	all free	Global	Yes
1111	4.0438	2.5750	4.5270	all free	all free	Global	Yes
1112	4.6125	2.5750	4.5270	all free	all free	Global	Yes
1113	5.1813	2.5750	4.5270	all free	all free	Global	Yes
1114	5.7500	2.5750	4.5270	all free	all free	Global	Yes
1115	6.3188	2.5750	4.5270	all free	all free	Global	Yes
1116	6.8875	2.5750	4.5270	all free	all free	Global	Yes
1117	7.4563	2.5750	4.5270	all free	all free	Global	Yes
1118	8.0250	2.5750	4.5270	all free	all free	Global	Yes
1119	8.5938	2.5750	4.5270	all free	all free	Global	Yes
1120	9.1625	2.5750	4.5270	all free	all free	Global	Yes
1121	9.7313	2.5750	4.5270	all free	all free	Global	Yes
1122	10.3000	2.5750	4.5270	all free	all free	Global	Yes
1123	10.9000	2.5750	4.5270	all free	all free	Global	Yes
1124	11.5000	2.5750	5.0300	all free	all free	Global	Yes
1125	0.0000	2.5750	5.0300	all free	all free	Global	Yes
1126	0.6000	2.5750	5.0300	all free	all free	Global	Yes
1127	1.2000	2.5750	5.0300	all free	all free	Global	Yes
1128	1.7688	2.5750	5.0300	all free	all free	Global	Yes
1129	2.3375	2.5750	5.0300	all free	all free	Global	Yes
1130	2.9063	2.5750	5.0300	all free	all free	Global	Yes
1131	3.4750	2.5750	5.0300	all free	all free	Global	Yes
1132	4.0438	2.5750	5.0300	all free	all free	Global	Yes
1133	4.6125	2.5750	5.0300	all free	all free	Global	Yes
1134	5.1813	2.5750	5.0300	all free	all free	Global	Yes
1135	5.7500	2.5750	5.0300	all free	all free	Global	Yes
1136	6.3188	2.5750	5.0300	all free	all free	Global	Yes
1137	6.8875	2.5750	5.0300	all free	all free	Global	Yes
1138	7.4563	2.5750	5.0300	all free	all free	Global	Yes
1139	8.0250	2.5750	5.0300	all free	all free	Global	Yes
1140	8.5938	2.5750	5.0300	all free	all free	Global	Yes
1141	9.1625	2.5750	5.0300	all free	all free	Global	Yes
1142	9.7313	2.5750	5.0300	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement LCS	Assignment
1143	10.3000	2.5750	5.3300	all free	all free	Global	Yes
1144	10.9000	2.5750	5.3300	all free	all free	Global	Yes

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (s/L)	Rigid Zone from End (s/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
97	598	635	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
98	647	636	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
99	636	637	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
100	637	638	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
101	638	639	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
102	639	640	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
103	640	641	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
104	641	642	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
105	642	643	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
106	643	644	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
107	644	645	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
108	645	646	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
109	646	647	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
110	647	648	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
111	636	648	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
112	649	650	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
113	650	651	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
114	651	652	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
115	652	653	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
116	653	654	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
117	654	655	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
118	655	656	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
119	656	657	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
120	657	658	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
121	658	659	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
122	659	660	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
123	659	661	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (s/L)	Rigid Zone from End (s/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
124	773	662	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
125	661	663	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
126	663	664	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
127	664	665	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
128	665	666	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
129	666	667	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
130	667	668	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
131	668	669	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
132	669	670	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
133	670	671	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
134	671	672	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
135	672	673	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
136	673	674	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
137	662	675	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
138	675	676	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
139	676	677	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
140	677	678	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
141	676	679	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
142	679	680	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
143	680	681	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
144	681	682	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
145	682	683	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
146	683	684	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
147	684	685	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
148	685	686	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
149	648	687	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
150	765	688	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
151	687	689	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
152	689	690	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
153	690	691	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
154	691	692	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
155	692	693	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
156	693	694	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
157	694	695	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
158	895	896	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
159	896	897	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
160	897	898	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
161	898	899	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
162	899	900	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
163	899	901	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
164	901	902	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
165	902	903	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
166	903	904	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
167	904	905	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
168	905	906	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
169	906	907	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
170	907	908	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
171	908	909	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
172	909	910	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1.	0.0000	0.0000	90.0000	0	(none)
173	910	911	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
174	911	912	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
175	1125	1126	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5	0.0000	0.0000	-90.0000	0	(none)
176	1126	1127	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5	0.0000	0.0000	-90.0000	0	(none)
177	1127	1128	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
178	1128	1129	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
179	1129	1130	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
180	1130	1131	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
181	1131	1132	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
182	1132	1133	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
183	1133	1134	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
184	1134	1135	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
185	1135	1136	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
186	1136	1137	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
187	1137	1138	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
188	1138	1139	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
189	1139	1140	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
190	1140	1141	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
191	1141	1142	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
192	1142	1143	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5000	0.0000	0.0000	-90.0000	0	(none)
193	1143	1144	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5	0.0000	0.0000	-90.0000	0	(none)
194	1144	1124	-	Beam	CABEZAL	(same as start)	F'C=250KG/CM2	0.0000	.5	0.0000	0.0000	-90.0000	0	(none)

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
97	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
104	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
105	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
109	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
111	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
116	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
119	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
122	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
126	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
127	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
131	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
132	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
133	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
134	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
136	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
138	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
141	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
151	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
158	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
161	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
162	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
163	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
164	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
167	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
168	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
171	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
173	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
176	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
181	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
182	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
183	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
184	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
185	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
189	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
192	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton/m)	Maximum Compression (m-ton or m-ton/m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
163	835	(none)	Nonlinear	Trans, Y	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
164	837	(none)	Nonlinear	Trans, Y	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
165	839	(none)	Nonlinear	Trans, Y	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
166	839	(none)	Nonlinear	Trans, Y	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
167	840	(none)	Nonlinear	Trans, Y	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
168	841	(none)	Nonlinear	Trans, Y	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
169	842	(none)	Nonlinear	Trans, Y	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
170	843	(none)	Nonlinear	Trans, Y	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
171	844	(none)	Nonlinear	Trans, Y	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
172	845	(none)	Nonlinear	Trans, Y	2,513.7800	2,513.7800	55.9400	55.9400	0.0000	0.0000	(none)	(none)
173	846	(none)	Nonlinear	Trans, Y	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
174	847	(none)	Nonlinear	Trans, Y	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
175	848	(none)	Nonlinear	Trans, Y	1,833.9500	1,833.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
176	835	(none)	Nonlinear	Trans, X	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
177	837	(none)	Nonlinear	Trans, X	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
178	839	(none)	Nonlinear	Trans, X	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
179	839	(none)	Nonlinear	Trans, X	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
180	840	(none)	Nonlinear	Trans, X	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
181	841	(none)	Nonlinear	Trans, X	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
182	842	(none)	Nonlinear	Trans, X	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
183	843	(none)	Nonlinear	Trans, X	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
184	844	(none)	Nonlinear	Trans, X	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
185	845	(none)	Nonlinear	Trans, X	2,513.7800	2,513.7800	55.9400	55.9400	0.0000	0.0000	(none)	(none)
186	846	(none)	Nonlinear	Trans, X	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
187	847	(none)	Nonlinear	Trans, X	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton)	Maximum Compression (m-ton)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
188	848	(none)	Nonlinear	Trans, X	1,833.9500	1,833.9500	34.9700	34.9700	0.0000	0.0000	(none)	(none)
189	848	(none)	Linear	Trans, Z	18,500.0000	18,500.0000					(none)	(none)
190	836	(none)	Nonlinear	Trans, Y	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
191	845	(none)	Nonlinear	Trans, Y	407.2900	407.2900	8.6100	8.6100	0.0000	0.0000	(none)	(none)
192	850	(none)	Nonlinear	Trans, Y	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
193	851	(none)	Nonlinear	Trans, Y	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
194	852	(none)	Nonlinear	Trans, Y	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
195	853	(none)	Nonlinear	Trans, Y	1,221.8800	1,221.8800	20.9300	20.9300	0.0000	0.0000	(none)	(none)
196	854	(none)	Nonlinear	Trans, Y	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
197	855	(none)	Nonlinear	Trans, Y	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
198	856	(none)	Nonlinear	Trans, Y	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
199	857	(none)	Nonlinear	Trans, Y	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
200	858	(none)	Nonlinear	Trans, Y	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
201	859	(none)	Nonlinear	Trans, Y	2,443.7600	2,443.7600	52.9700	52.9700	0.0000	0.0000	(none)	(none)
202	860	(none)	Nonlinear	Trans, Y	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
203	836	(none)	Nonlinear	Trans, X	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
204	845	(none)	Nonlinear	Trans, X	407.2900	407.2900	8.6100	8.6100	0.0000	0.0000	(none)	(none)
205	850	(none)	Nonlinear	Trans, X	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
206	851	(none)	Nonlinear	Trans, X	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
207	852	(none)	Nonlinear	Trans, X	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
208	853	(none)	Nonlinear	Trans, X	1,221.8800	1,221.8800	20.9300	20.9300	0.0000	0.0000	(none)	(none)
209	854	(none)	Nonlinear	Trans, X	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
210	855	(none)	Nonlinear	Trans, X	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
211	856	(none)	Nonlinear	Trans, X	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
212	857	(none)	Nonlinear	Trans, X	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
213	858	(none)	Nonlinear	Trans, X	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
214	859	(none)	Nonlinear	Trans, X	2,443.7600	2,443.7600	52.9700	52.9700	0.0000	0.0000	(none)	(none)
215	860	(none)	Nonlinear	Trans, X	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
216	860	(none)	Linear	Trans, Z	18,500.0000	18,500.0000					(none)	(none)
217	861	(none)	Nonlinear	Trans, Y	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
218	863	(none)	Nonlinear	Trans, Y	502.7500	502.7500	10.6300	10.6300	0.0000	0.0000	(none)	(none)
219	864	(none)	Nonlinear	Trans, Y	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
220	865	(none)	Nonlinear	Trans, Y	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
221	866	(none)	Nonlinear	Trans, Y	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton)	Maximum Compression (m-ton)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
222	667	(none)	Nonlinear	Trans, Y	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
223	668	(none)	Nonlinear	Trans, Y	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
224	669	(none)	Nonlinear	Trans, Y	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
225	670	(none)	Nonlinear	Trans, Y	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
226	671	(none)	Nonlinear	Trans, Y	2,513.7600	2,513.7600	55.9400	55.9400	0.0000	0.0000	(none)	(none)
227	672	(none)	Nonlinear	Trans, Y	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
228	673	(none)	Nonlinear	Trans, Y	3,016.5200	3,016.5200	65.3900	65.3900	0.0000	0.0000	(none)	(none)
229	674	(none)	Nonlinear	Trans, Y	1,633.9500	1,633.9500	34.8700	34.8700	0.0000	0.0000	(none)	(none)
230	661	(none)	Nonlinear	Trans, X	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
231	663	(none)	Nonlinear	Trans, X	502.7500	502.7500	10.8300	10.8300	0.0000	0.0000	(none)	(none)
232	664	(none)	Nonlinear	Trans, X	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
233	665	(none)	Nonlinear	Trans, X	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
234	666	(none)	Nonlinear	Trans, X	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
235	667	(none)	Nonlinear	Trans, X	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
236	668	(none)	Nonlinear	Trans, X	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
237	669	(none)	Nonlinear	Trans, X	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
238	670	(none)	Nonlinear	Trans, X	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
239	671	(none)	Nonlinear	Trans, X	2,513.7600	2,513.7600	55.9400	55.9400	0.0000	0.0000	(none)	(none)
240	672	(none)	Nonlinear	Trans, X	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
241	673	(none)	Nonlinear	Trans, X	3,016.5200	3,016.5200	65.3900	65.3900	0.0000	0.0000	(none)	(none)
242	674	(none)	Nonlinear	Trans, X	1,633.9500	1,633.9500	34.8700	34.8700	0.0000	0.0000	(none)	(none)
243	674	(none)	Linear	Trans, Z	18,500.0000	18,500.0000					(none)	(none)
244	662	(none)	Nonlinear	Trans, Y	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
245	675	(none)	Nonlinear	Trans, Y	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
246	676	(none)	Nonlinear	Trans, Y	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
247	677	(none)	Nonlinear	Trans, Y	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
248	678	(none)	Nonlinear	Trans, Y	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
249	679	(none)	Nonlinear	Trans, Y	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
250	680	(none)	Nonlinear	Trans, Y	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
251	681	(none)	Nonlinear	Trans, Y	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
252	682	(none)	Nonlinear	Trans, Y	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
253	683	(none)	Nonlinear	Trans, Y	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
254	684	(none)	Nonlinear	Trans, Y	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
255	685	(none)	Nonlinear	Trans, Y	2,443.7600	2,443.7600	52.9700	52.9700	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton)	Maximum Compression (m-ton)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
256	686	(none)	Nonlinear	Trans, Y	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
257	662	(none)	Nonlinear	Trans, X	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
258	675	(none)	Nonlinear	Trans, X	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
259	676	(none)	Nonlinear	Trans, X	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
260	677	(none)	Nonlinear	Trans, X	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
261	678	(none)	Nonlinear	Trans, X	1,018.2300	1,018.2300	18.1800	18.1800	0.0000	0.0000	(none)	(none)
262	679	(none)	Nonlinear	Trans, X	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
263	680	(none)	Nonlinear	Trans, X	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
264	681	(none)	Nonlinear	Trans, X	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
265	682	(none)	Nonlinear	Trans, X	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
266	683	(none)	Nonlinear	Trans, X	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
267	684	(none)	Nonlinear	Trans, X	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
268	685	(none)	Nonlinear	Trans, X	2,443.7600	2,443.7600	52.9700	52.9700	0.0000	0.0000	(none)	(none)
269	686	(none)	Nonlinear	Trans, X	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
270	686	(none)	Linear	Trans, Z	18,500.0000	18,500.0000					(none)	(none)
271	687	(none)	Nonlinear	Trans, Y	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
272	688	(none)	Nonlinear	Trans, Y	502.7500	502.7500	10.8300	10.8300	0.0000	0.0000	(none)	(none)
273	690	(none)	Nonlinear	Trans, Y	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
274	691	(none)	Nonlinear	Trans, Y	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
275	692	(none)	Nonlinear	Trans, Y	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
276	693	(none)	Nonlinear	Trans, Y	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)
277	694	(none)	Nonlinear	Trans, Y	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
278	695	(none)	Nonlinear	Trans, Y	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
279	696	(none)	Nonlinear	Trans, Y	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
280	697	(none)	Nonlinear	Trans, Y	2,513.7600	2,513.7600	55.9400	55.9400	0.0000	0.0000	(none)	(none)
281	698	(none)	Nonlinear	Trans, Y	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
282	699	(none)	Nonlinear	Trans, Y	3,016.5200	3,016.5200	65.3900	65.3900	0.0000	0.0000	(none)	(none)
283	900	(none)	Nonlinear	Trans, Y	1,633.9500	1,633.9500	34.8700	34.8700	0.0000	0.0000	(none)	(none)
284	687	(none)	Nonlinear	Trans, X	251.3800	251.3800	5.7700	5.7700	0.0000	0.0000	(none)	(none)
285	688	(none)	Nonlinear	Trans, X	502.7500	502.7500	10.8300	10.8300	0.0000	0.0000	(none)	(none)
286	690	(none)	Nonlinear	Trans, X	754.1300	754.1300	14.8200	14.8200	0.0000	0.0000	(none)	(none)
287	691	(none)	Nonlinear	Trans, X	1,005.5100	1,005.5100	18.8200	18.8200	0.0000	0.0000	(none)	(none)
288	692	(none)	Nonlinear	Trans, X	1,256.8800	1,256.8800	22.4400	22.4400	0.0000	0.0000	(none)	(none)
289	693	(none)	Nonlinear	Trans, X	1,508.2600	1,508.2600	25.8300	25.8300	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton)	Maximum Compression (m-ton)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
290	894	(none)	Nonlinear	Trans. X	1,759.6400	1,759.6400	29.0600	29.0600	0.0000	0.0000	(none)	(none)
291	895	(none)	Nonlinear	Trans. X	2,011.0100	2,011.0100	32.7900	32.7900	0.0000	0.0000	(none)	(none)
292	896	(none)	Nonlinear	Trans. X	2,262.3900	2,262.3900	51.0600	51.0600	0.0000	0.0000	(none)	(none)
293	897	(none)	Nonlinear	Trans. X	2,513.7800	2,513.7800	55.8400	55.8400	0.0000	0.0000	(none)	(none)
294	898	(none)	Nonlinear	Trans. X	2,765.1400	2,765.1400	60.7200	60.7200	0.0000	0.0000	(none)	(none)
295	899	(none)	Nonlinear	Trans. X	3,016.5200	3,016.5200	65.3800	65.3800	0.0000	0.0000	(none)	(none)
296	900	(none)	Nonlinear	Trans. X	1,633.9500	1,633.9500	34.8700	34.8700	0.0000	0.0000	(none)	(none)
297	900	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)
298	889	(none)	Nonlinear	Trans. Y	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
299	901	(none)	Nonlinear	Trans. Y	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
300	902	(none)	Nonlinear	Trans. Y	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
301	903	(none)	Nonlinear	Trans. Y	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
302	904	(none)	Nonlinear	Trans. Y	1,018.2300	1,018.2300	19.1800	19.1800	0.0000	0.0000	(none)	(none)
303	905	(none)	Nonlinear	Trans. Y	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
304	906	(none)	Nonlinear	Trans. Y	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
305	907	(none)	Nonlinear	Trans. Y	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
306	908	(none)	Nonlinear	Trans. Y	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
307	909	(none)	Nonlinear	Trans. Y	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
308	910	(none)	Nonlinear	Trans. Y	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
309	911	(none)	Nonlinear	Trans. Y	2,443.7900	2,443.7900	52.8700	52.8700	0.0000	0.0000	(none)	(none)
310	912	(none)	Nonlinear	Trans. Y	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)
311	888	(none)	Nonlinear	Trans. X	203.6500	203.6500	4.6700	4.6700	0.0000	0.0000	(none)	(none)
312	901	(none)	Nonlinear	Trans. X	407.2900	407.2900	8.8100	8.8100	0.0000	0.0000	(none)	(none)
313	902	(none)	Nonlinear	Trans. X	610.9400	610.9400	12.0900	12.0900	0.0000	0.0000	(none)	(none)
314	903	(none)	Nonlinear	Trans. X	814.5900	814.5900	15.2500	15.2500	0.0000	0.0000	(none)	(none)
315	904	(none)	Nonlinear	Trans. X	1,018.2300	1,018.2300	19.1800	19.1800	0.0000	0.0000	(none)	(none)
316	905	(none)	Nonlinear	Trans. X	1,221.8800	1,221.8800	20.8300	20.8300	0.0000	0.0000	(none)	(none)
317	906	(none)	Nonlinear	Trans. X	1,425.5300	1,425.5300	23.5400	23.5400	0.0000	0.0000	(none)	(none)
318	907	(none)	Nonlinear	Trans. X	1,629.1700	1,629.1700	26.5700	26.5700	0.0000	0.0000	(none)	(none)
319	908	(none)	Nonlinear	Trans. X	1,832.8200	1,832.8200	41.3600	41.3600	0.0000	0.0000	(none)	(none)
320	909	(none)	Nonlinear	Trans. X	2,036.4700	2,036.4700	45.3200	45.3200	0.0000	0.0000	(none)	(none)
321	910	(none)	Nonlinear	Trans. X	2,240.1100	2,240.1100	49.1900	49.1900	0.0000	0.0000	(none)	(none)
322	911	(none)	Nonlinear	Trans. X	2,443.7900	2,443.7900	52.8700	52.8700	0.0000	0.0000	(none)	(none)
323	912	(none)	Nonlinear	Trans. X	1,323.7000	1,323.7000	28.3300	28.3300	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton)	Maximum Compression (m-ton)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
324	912	(none)	Linear	Trans. Z	18,500.0000	18,500.0000					(none)	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
1	Thin/Thick Shell	556	569	569	567	FC=250KG/CM2	1,2000	,36	ZAPATA
2	Thin/Thick Shell	567	569	615	566	FC=250KG/CM2	1,2000	,36	ZAPATA
3	Thin/Thick Shell	566	560	574	568	FC=250KG/CM2	1,2000	,36	ZAPATA
4	Thin/Thick Shell	569	574	598	615	FC=250KG/CM2	1,2000	,36	ZAPATA
5	Thin/Thick Shell	565	575	576	574	FC=250KG/CM2	1,2000	,3	ZAPATA
6	Thin/Thick Shell	574	576	864	598	FC=250KG/CM2	1,2000	,3	ZAPATA
7	Thin/Thick Shell	575	578	578	576	FC=250KG/CM2	1,2000	,3	ZAPATA
8	Thin/Thick Shell	576	579	881	864	FC=250KG/CM2	1,2000	,3	ZAPATA
9	Thin/Thick Shell	579	581	918	579	FC=250KG/CM2	1,2000	,225	ZAPATA
10	Thin/Thick Shell	578	918	917	881	FC=250KG/CM2	1,2000	,225	ZAPATA
11	Thin/Thick Shell	581	564	585	918	FC=250KG/CM2	1,2000	,375	ZAPATA
12	Thin/Thick Shell	918	565	715	917	FC=250KG/CM2	1,2000	,375	ZAPATA
13	Thin/Thick Shell	564	567	566	585	FC=250KG/CM2	1,2000	,3	ZAPATA
14	Thin/Thick Shell	585	568	732	715	FC=250KG/CM2	1,2000	,3	ZAPATA
15	Thin/Thick Shell	567	572	593	566	FC=250KG/CM2	1,2000	,3	ZAPATA
16	Thin/Thick Shell	566	593	647	732	FC=250KG/CM2	1,2000	,3	ZAPATA
17	Thin/Thick Shell	572	594	595	593	FC=250KG/CM2	1,2000	,36	ZAPATA
18	Thin/Thick Shell	593	595	791	647	FC=250KG/CM2	1,2000	,36	ZAPATA
19	Thin/Thick Shell	594	561	597	595	FC=250KG/CM2	1,2000	,36	ZAPATA
20	Thin/Thick Shell	595	597	764	791	FC=250KG/CM2	1,2000	,36	ZAPATA
21	Thin/Thick Shell	596	613	616	600	FC=250KG/CM2	1,2000	,3413	ZAPATA
22	Thin/Thick Shell	600	616	617	601	FC=250KG/CM2	1,2000	,3413	ZAPATA
23	Thin/Thick Shell	601	617	619	602	FC=250KG/CM2	1,2000	,3413	ZAPATA
24	Thin/Thick Shell	602	618	619	603	FC=250KG/CM2	1,2000	,3413	ZAPATA
25	Thin/Thick Shell	603	619	620	604	FC=250KG/CM2	1,2000	,3413	ZAPATA
26	Thin/Thick Shell	604	620	621	605	FC=250KG/CM2	1,2000	,3413	ZAPATA
27	Thin/Thick Shell	605	621	622	606	FC=250KG/CM2	1,2000	,3413	ZAPATA
28	Thin/Thick Shell	606	622	623	607	FC=250KG/CM2	1,2000	,3413	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
29	Thin/Thick Shell	907	623	624	908	FC=250KG/CM2	1.2000	.3413	ZAPATA
30	Thin/Thick Shell	908	624	625	909	FC=250KG/CM2	1.2000	.3413	ZAPATA
31	Thin/Thick Shell	909	625	626	910	FC=250KG/CM2	1.2000	.3413	ZAPATA
32	Thin/Thick Shell	910	626	627	911	FC=250KG/CM2	1.2000	.3413	ZAPATA
33	Thin/Thick Shell	911	627	628	912	FC=250KG/CM2	1.2000	.3413	ZAPATA
34	Thin/Thick Shell	912	628	629	913	FC=250KG/CM2	1.2000	.3413	ZAPATA
35	Thin/Thick Shell	913	629	630	914	FC=250KG/CM2	1.2000	.3413	ZAPATA
36	Thin/Thick Shell	914	630	631	599	FC=250KG/CM2	1.2000	.3413	ZAPATA
37	Thin/Thick Shell	915	598	849	916	FC=250KG/CM2	1.2000	.3413	ZAPATA
38	Thin/Thick Shell	916	849	850	917	FC=250KG/CM2	1.2000	.3413	ZAPATA
39	Thin/Thick Shell	917	850	851	918	FC=250KG/CM2	1.2000	.3413	ZAPATA
40	Thin/Thick Shell	918	851	852	919	FC=250KG/CM2	1.2000	.3413	ZAPATA
41	Thin/Thick Shell	919	852	853	920	FC=250KG/CM2	1.2000	.3413	ZAPATA
42	Thin/Thick Shell	920	853	854	621	FC=250KG/CM2	1.2000	.3413	ZAPATA
43	Thin/Thick Shell	921	854	855	622	FC=250KG/CM2	1.2000	.3413	ZAPATA
44	Thin/Thick Shell	922	855	856	623	FC=250KG/CM2	1.2000	.3413	ZAPATA
45	Thin/Thick Shell	923	856	857	624	FC=250KG/CM2	1.2000	.3413	ZAPATA
46	Thin/Thick Shell	924	857	858	625	FC=250KG/CM2	1.2000	.3413	ZAPATA
47	Thin/Thick Shell	925	858	859	626	FC=250KG/CM2	1.2000	.3413	ZAPATA
48	Thin/Thick Shell	926	859	860	627	FC=250KG/CM2	1.2000	.3413	ZAPATA
49	Thin/Thick Shell	927	860	861	628	FC=250KG/CM2	1.2000	.3413	ZAPATA
50	Thin/Thick Shell	928	861	862	629	FC=250KG/CM2	1.2000	.3413	ZAPATA
51	Thin/Thick Shell	929	862	863	630	FC=250KG/CM2	1.2000	.3413	ZAPATA
52	Thin/Thick Shell	930	863	648	631	FC=250KG/CM2	1.2000	.3413	ZAPATA
53	Thin/Thick Shell	596	864	865	649	FC=250KG/CM2	1.2000	.2844	ZAPATA
54	Thin/Thick Shell	649	865	866	650	FC=250KG/CM2	1.2000	.2844	ZAPATA
55	Thin/Thick Shell	650	866	867	651	FC=250KG/CM2	1.2000	.2844	ZAPATA
56	Thin/Thick Shell	651	867	868	652	FC=250KG/CM2	1.2000	.2844	ZAPATA
57	Thin/Thick Shell	652	868	869	653	FC=250KG/CM2	1.2000	.2844	ZAPATA
58	Thin/Thick Shell	653	869	670	654	FC=250KG/CM2	1.2000	.2844	ZAPATA
59	Thin/Thick Shell	654	670	671	655	FC=250KG/CM2	1.2000	.2844	ZAPATA
60	Thin/Thick Shell	655	671	672	656	FC=250KG/CM2	1.2000	.2844	ZAPATA
61	Thin/Thick Shell	656	672	673	657	FC=250KG/CM2	1.2000	.2844	ZAPATA
62	Thin/Thick Shell	657	673	674	658	FC=250KG/CM2	1.2000	.2844	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
63	Thin/Thick Shell	658	674	675	659	FC=250KG/CM2	1.2000	.2844	ZAPATA
64	Thin/Thick Shell	659	675	676	660	FC=250KG/CM2	1.2000	.2844	ZAPATA
65	Thin/Thick Shell	660	676	677	661	FC=250KG/CM2	1.2000	.2844	ZAPATA
66	Thin/Thick Shell	661	677	678	662	FC=250KG/CM2	1.2000	.2844	ZAPATA
67	Thin/Thick Shell	662	678	679	663	FC=250KG/CM2	1.2000	.2844	ZAPATA
68	Thin/Thick Shell	663	679	680	648	FC=250KG/CM2	1.2000	.2844	ZAPATA
69	Thin/Thick Shell	664	681	682	665	FC=250KG/CM2	1.2000	.2844	ZAPATA
70	Thin/Thick Shell	665	682	683	666	FC=250KG/CM2	1.2000	.2844	ZAPATA
71	Thin/Thick Shell	666	683	684	667	FC=250KG/CM2	1.2000	.2844	ZAPATA
72	Thin/Thick Shell	667	684	685	668	FC=250KG/CM2	1.2000	.2844	ZAPATA
73	Thin/Thick Shell	668	685	686	669	FC=250KG/CM2	1.2000	.2844	ZAPATA
74	Thin/Thick Shell	669	686	687	670	FC=250KG/CM2	1.2000	.2844	ZAPATA
75	Thin/Thick Shell	670	687	688	671	FC=250KG/CM2	1.2000	.2844	ZAPATA
76	Thin/Thick Shell	671	688	689	672	FC=250KG/CM2	1.2000	.2844	ZAPATA
77	Thin/Thick Shell	672	689	690	673	FC=250KG/CM2	1.2000	.2844	ZAPATA
78	Thin/Thick Shell	673	690	691	674	FC=250KG/CM2	1.2000	.2844	ZAPATA
79	Thin/Thick Shell	674	691	692	675	FC=250KG/CM2	1.2000	.2844	ZAPATA
80	Thin/Thick Shell	675	692	693	676	FC=250KG/CM2	1.2000	.2844	ZAPATA
81	Thin/Thick Shell	676	693	694	677	FC=250KG/CM2	1.2000	.2844	ZAPATA
82	Thin/Thick Shell	677	694	695	678	FC=250KG/CM2	1.2000	.2844	ZAPATA
83	Thin/Thick Shell	678	695	696	679	FC=250KG/CM2	1.2000	.2844	ZAPATA
84	Thin/Thick Shell	679	696	697	680	FC=250KG/CM2	1.2000	.2844	ZAPATA
85	Thin/Thick Shell	681	917	922	682	FC=250KG/CM2	1.2000	.2133	ZAPATA
86	Thin/Thick Shell	682	922	923	683	FC=250KG/CM2	1.2000	.2133	ZAPATA
87	Thin/Thick Shell	683	923	924	684	FC=250KG/CM2	1.2000	.2133	ZAPATA
88	Thin/Thick Shell	684	924	925	685	FC=250KG/CM2	1.2000	.2133	ZAPATA
89	Thin/Thick Shell	685	925	926	686	FC=250KG/CM2	1.2000	.2133	ZAPATA
90	Thin/Thick Shell	686	926	927	687	FC=250KG/CM2	1.2000	.2133	ZAPATA
91	Thin/Thick Shell	687	927	928	688	FC=250KG/CM2	1.2000	.2133	ZAPATA
92	Thin/Thick Shell	688	928	929	689	FC=250KG/CM2	1.2000	.2133	ZAPATA
93	Thin/Thick Shell	689	929	930	690	FC=250KG/CM2	1.2000	.2133	ZAPATA
94	Thin/Thick Shell	690	930	931	691	FC=250KG/CM2	1.2000	.2133	ZAPATA
95	Thin/Thick Shell	691	931	932	692	FC=250KG/CM2	1.2000	.2133	ZAPATA
96	Thin/Thick Shell	692	932	933	693	FC=250KG/CM2	1.2000	.2133	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
97	Thin/Thick Shell	693	933	934	694	FC=250KG/CM2	1,2000	,2133	ZAPATA
98	Thin/Thick Shell	694	934	935	695	FC=250KG/CM2	1,2000	,2133	ZAPATA
99	Thin/Thick Shell	695	935	936	696	FC=250KG/CM2	1,2000	,2133	ZAPATA
100	Thin/Thick Shell	696	936	921	697	FC=250KG/CM2	1,2000	,2133	ZAPATA
101	Thin/Thick Shell	917	715	716	922	FC=250KG/CM2	1,2000	,3555	ZAPATA
102	Thin/Thick Shell	922	716	717	923	FC=250KG/CM2	1,2000	,3555	ZAPATA
103	Thin/Thick Shell	923	717	718	924	FC=250KG/CM2	1,2000	,3555	ZAPATA
104	Thin/Thick Shell	924	718	719	925	FC=250KG/CM2	1,2000	,3555	ZAPATA
105	Thin/Thick Shell	925	719	720	926	FC=250KG/CM2	1,2000	,3555	ZAPATA
106	Thin/Thick Shell	926	720	721	927	FC=250KG/CM2	1,2000	,3555	ZAPATA
107	Thin/Thick Shell	927	721	722	928	FC=250KG/CM2	1,2000	,3555	ZAPATA
108	Thin/Thick Shell	928	722	723	929	FC=250KG/CM2	1,2000	,3555	ZAPATA
109	Thin/Thick Shell	929	723	724	930	FC=250KG/CM2	1,2000	,3555	ZAPATA
110	Thin/Thick Shell	930	724	725	931	FC=250KG/CM2	1,2000	,3555	ZAPATA
111	Thin/Thick Shell	931	725	726	932	FC=250KG/CM2	1,2000	,3555	ZAPATA
112	Thin/Thick Shell	932	726	727	933	FC=250KG/CM2	1,2000	,3555	ZAPATA
113	Thin/Thick Shell	933	727	728	934	FC=250KG/CM2	1,2000	,3555	ZAPATA
114	Thin/Thick Shell	934	728	729	935	FC=250KG/CM2	1,2000	,3555	ZAPATA
115	Thin/Thick Shell	935	729	730	936	FC=250KG/CM2	1,2000	,3555	ZAPATA
116	Thin/Thick Shell	936	730	731	921	FC=250KG/CM2	1,2000	,3555	ZAPATA
117	Thin/Thick Shell	715	732	733	716	FC=250KG/CM2	1,2000	,2844	ZAPATA
118	Thin/Thick Shell	716	733	734	717	FC=250KG/CM2	1,2000	,2844	ZAPATA
119	Thin/Thick Shell	717	734	735	718	FC=250KG/CM2	1,2000	,2844	ZAPATA
120	Thin/Thick Shell	718	735	736	719	FC=250KG/CM2	1,2000	,2844	ZAPATA
121	Thin/Thick Shell	719	736	737	720	FC=250KG/CM2	1,2000	,2844	ZAPATA
122	Thin/Thick Shell	720	737	738	721	FC=250KG/CM2	1,2000	,2844	ZAPATA
123	Thin/Thick Shell	721	738	739	722	FC=250KG/CM2	1,2000	,2844	ZAPATA
124	Thin/Thick Shell	722	739	740	723	FC=250KG/CM2	1,2000	,2844	ZAPATA
125	Thin/Thick Shell	723	740	741	724	FC=250KG/CM2	1,2000	,2844	ZAPATA
126	Thin/Thick Shell	724	741	742	725	FC=250KG/CM2	1,2000	,2844	ZAPATA
127	Thin/Thick Shell	725	742	743	726	FC=250KG/CM2	1,2000	,2844	ZAPATA
128	Thin/Thick Shell	726	743	744	727	FC=250KG/CM2	1,2000	,2844	ZAPATA
129	Thin/Thick Shell	727	744	745	728	FC=250KG/CM2	1,2000	,2844	ZAPATA
130	Thin/Thick Shell	728	745	746	729	FC=250KG/CM2	1,2000	,2844	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
131	Thin/Thick Shell	729	746	747	730	FC=250KG/CM2	1,2000	,2844	ZAPATA
132	Thin/Thick Shell	730	747	748	731	FC=250KG/CM2	1,2000	,2844	ZAPATA
133	Thin/Thick Shell	732	847	799	733	FC=250KG/CM2	1,2000	,2844	ZAPATA
134	Thin/Thick Shell	733	799	767	734	FC=250KG/CM2	1,2000	,2844	ZAPATA
135	Thin/Thick Shell	734	767	768	735	FC=250KG/CM2	1,2000	,2844	ZAPATA
136	Thin/Thick Shell	735	768	769	736	FC=250KG/CM2	1,2000	,2844	ZAPATA
137	Thin/Thick Shell	736	769	770	737	FC=250KG/CM2	1,2000	,2844	ZAPATA
138	Thin/Thick Shell	737	770	771	738	FC=250KG/CM2	1,2000	,2844	ZAPATA
139	Thin/Thick Shell	738	771	772	739	FC=250KG/CM2	1,2000	,2844	ZAPATA
140	Thin/Thick Shell	739	772	773	740	FC=250KG/CM2	1,2000	,2844	ZAPATA
141	Thin/Thick Shell	740	773	774	741	FC=250KG/CM2	1,2000	,2844	ZAPATA
142	Thin/Thick Shell	741	774	775	742	FC=250KG/CM2	1,2000	,2844	ZAPATA
143	Thin/Thick Shell	742	775	776	743	FC=250KG/CM2	1,2000	,2844	ZAPATA
144	Thin/Thick Shell	743	776	777	744	FC=250KG/CM2	1,2000	,2844	ZAPATA
145	Thin/Thick Shell	744	777	778	745	FC=250KG/CM2	1,2000	,2844	ZAPATA
146	Thin/Thick Shell	745	778	779	746	FC=250KG/CM2	1,2000	,2844	ZAPATA
147	Thin/Thick Shell	746	779	780	747	FC=250KG/CM2	1,2000	,2844	ZAPATA
148	Thin/Thick Shell	747	780	785	748	FC=250KG/CM2	1,2000	,2844	ZAPATA
149	Thin/Thick Shell	847	781	782	799	FC=250KG/CM2	1,2000	,3413	ZAPATA
150	Thin/Thick Shell	799	782	783	767	FC=250KG/CM2	1,2000	,3413	ZAPATA
151	Thin/Thick Shell	767	783	784	768	FC=250KG/CM2	1,2000	,3413	ZAPATA
152	Thin/Thick Shell	768	784	785	769	FC=250KG/CM2	1,2000	,3413	ZAPATA
153	Thin/Thick Shell	769	785	786	770	FC=250KG/CM2	1,2000	,3413	ZAPATA
154	Thin/Thick Shell	770	786	787	771	FC=250KG/CM2	1,2000	,3413	ZAPATA
155	Thin/Thick Shell	771	787	788	772	FC=250KG/CM2	1,2000	,3413	ZAPATA
156	Thin/Thick Shell	772	788	789	773	FC=250KG/CM2	1,2000	,3413	ZAPATA
157	Thin/Thick Shell	773	789	790	774	FC=250KG/CM2	1,2000	,3413	ZAPATA
158	Thin/Thick Shell	774	790	791	775	FC=250KG/CM2	1,2000	,3413	ZAPATA
159	Thin/Thick Shell	775	791	792	776	FC=250KG/CM2	1,2000	,3413	ZAPATA
160	Thin/Thick Shell	776	792	793	777	FC=250KG/CM2	1,2000	,3413	ZAPATA
161	Thin/Thick Shell	777	793	794	778	FC=250KG/CM2	1,2000	,3413	ZAPATA
162	Thin/Thick Shell	778	794	795	779	FC=250KG/CM2	1,2000	,3413	ZAPATA
163	Thin/Thick Shell	779	795	796	780	FC=250KG/CM2	1,2000	,3413	ZAPATA
164	Thin/Thick Shell	780	796	797	785	FC=250KG/CM2	1,2000	,3413	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
165	Thin/Thick Shell	791	794	798	792	FC=250KG/CM2	1.2000	.3415	ZAPATA
166	Thin/Thick Shell	792	798	799	793	FC=250KG/CM2	1.2000	.3415	ZAPATA
167	Thin/Thick Shell	793	799	800	794	FC=250KG/CM2	1.2000	.3415	ZAPATA
168	Thin/Thick Shell	794	800	801	795	FC=250KG/CM2	1.2000	.3413	ZAPATA
169	Thin/Thick Shell	795	801	802	796	FC=250KG/CM2	1.2000	.3413	ZAPATA
170	Thin/Thick Shell	796	802	803	797	FC=250KG/CM2	1.2000	.3413	ZAPATA
171	Thin/Thick Shell	797	803	804	798	FC=250KG/CM2	1.2000	.3413	ZAPATA
172	Thin/Thick Shell	798	804	805	799	FC=250KG/CM2	1.2000	.3413	ZAPATA
173	Thin/Thick Shell	799	805	806	790	FC=250KG/CM2	1.2000	.3413	ZAPATA
174	Thin/Thick Shell	790	806	807	791	FC=250KG/CM2	1.2000	.3413	ZAPATA
175	Thin/Thick Shell	791	807	808	792	FC=250KG/CM2	1.2000	.3413	ZAPATA
176	Thin/Thick Shell	792	808	809	793	FC=250KG/CM2	1.2000	.3413	ZAPATA
177	Thin/Thick Shell	793	809	810	794	FC=250KG/CM2	1.2000	.3413	ZAPATA
178	Thin/Thick Shell	794	810	811	795	FC=250KG/CM2	1.2000	.3413	ZAPATA
179	Thin/Thick Shell	795	811	812	796	FC=250KG/CM2	1.2000	.3413	ZAPATA
180	Thin/Thick Shell	796	812	594	797	FC=250KG/CM2	1.2000	.3413	ZAPATA
181	Thin/Thick Shell	599	631	815	814	FC=250KG/CM2	1.2000	.36	ZAPATA
182	Thin/Thick Shell	814	815	829	813	FC=250KG/CM2	1.2000	.36	ZAPATA
183	Thin/Thick Shell	631	649	816	815	FC=250KG/CM2	1.2000	.36	ZAPATA
184	Thin/Thick Shell	815	816	825	826	FC=250KG/CM2	1.2000	.36	ZAPATA
185	Thin/Thick Shell	649	662	817	816	FC=250KG/CM2	1.2000	.3	ZAPATA
186	Thin/Thick Shell	816	817	826	825	FC=250KG/CM2	1.2000	.3	ZAPATA
187	Thin/Thick Shell	662	667	818	817	FC=250KG/CM2	1.2000	.3	ZAPATA
188	Thin/Thick Shell	817	818	829	826	FC=250KG/CM2	1.2000	.3	ZAPATA
189	Thin/Thick Shell	667	821	954	818	FC=250KG/CM2	1.2000	.225	ZAPATA
190	Thin/Thick Shell	818	954	953	829	FC=250KG/CM2	1.2000	.225	ZAPATA
191	Thin/Thick Shell	821	731	820	954	FC=250KG/CM2	1.2000	.375	ZAPATA
192	Thin/Thick Shell	954	820	831	953	FC=250KG/CM2	1.2000	.375	ZAPATA
193	Thin/Thick Shell	731	748	821	820	FC=250KG/CM2	1.2000	.3	ZAPATA
194	Thin/Thick Shell	820	821	832	831	FC=250KG/CM2	1.2000	.3	ZAPATA
195	Thin/Thick Shell	748	765	822	821	FC=250KG/CM2	1.2000	.3	ZAPATA
196	Thin/Thick Shell	821	822	827	832	FC=250KG/CM2	1.2000	.3	ZAPATA
197	Thin/Thick Shell	765	797	823	822	FC=250KG/CM2	1.2000	.36	ZAPATA
198	Thin/Thick Shell	822	823	834	827	FC=250KG/CM2	1.2000	.36	ZAPATA

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
199	Thin/Thick Shell	797	564	824	823	FC=250KG/CM2	1.2000	.36	ZAPATA
200	Thin/Thick Shell	823	824	833	834	FC=250KG/CM2	1.2000	.36	ZAPATA
201	Thin/Thick Shell	581	818	919	918	FC=250KG/CM2	0.8500	.3018	(none)
202	Thin/Thick Shell	918	919	920	917	FC=250KG/CM2	0.8500	.3018	(none)
203	Thin/Thick Shell	917	920	937	922	FC=250KG/CM2	0.8500	.2861	(none)
204	Thin/Thick Shell	923	937	938	923	FC=250KG/CM2	0.8500	.2861	(none)
205	Thin/Thick Shell	923	938	939	924	FC=250KG/CM2	0.8500	.2861	(none)
206	Thin/Thick Shell	924	939	940	925	FC=250KG/CM2	0.8500	.2861	(none)
207	Thin/Thick Shell	925	940	941	926	FC=250KG/CM2	0.8500	.2861	(none)
208	Thin/Thick Shell	926	941	942	927	FC=250KG/CM2	0.8500	.2861	(none)
209	Thin/Thick Shell	927	942	943	928	FC=250KG/CM2	0.8500	.2861	(none)
210	Thin/Thick Shell	928	943	944	929	FC=250KG/CM2	0.8500	.2861	(none)
211	Thin/Thick Shell	929	944	945	930	FC=250KG/CM2	0.8500	.2861	(none)
212	Thin/Thick Shell	930	945	946	931	FC=250KG/CM2	0.8500	.2861	(none)
213	Thin/Thick Shell	931	946	947	932	FC=250KG/CM2	0.8500	.2861	(none)
214	Thin/Thick Shell	932	947	948	933	FC=250KG/CM2	0.8500	.2861	(none)
215	Thin/Thick Shell	933	948	949	934	FC=250KG/CM2	0.8500	.2861	(none)
216	Thin/Thick Shell	934	949	950	935	FC=250KG/CM2	0.8500	.2861	(none)
217	Thin/Thick Shell	935	950	951	936	FC=250KG/CM2	0.8500	.2861	(none)
218	Thin/Thick Shell	936	951	952	921	FC=250KG/CM2	0.8500	.2861	(none)
219	Thin/Thick Shell	921	952	955	954	FC=250KG/CM2	0.8500	.3018	(none)
220	Thin/Thick Shell	954	953	915	953	FC=250KG/CM2	0.8500	.3018	(none)
221	Thin/Thick Shell	915	957	958	919	FC=250KG/CM2	0.8500	.3018	(none)
222	Thin/Thick Shell	919	958	959	920	FC=250KG/CM2	0.8500	.3018	(none)
223	Thin/Thick Shell	920	959	960	937	FC=250KG/CM2	0.8500	.2861	(none)
224	Thin/Thick Shell	937	960	961	938	FC=250KG/CM2	0.8500	.2861	(none)
225	Thin/Thick Shell	938	961	962	939	FC=250KG/CM2	0.8500	.2861	(none)
226	Thin/Thick Shell	939	962	963	940	FC=250KG/CM2	0.8500	.2861	(none)
227	Thin/Thick Shell	940	963	964	941	FC=250KG/CM2	0.8500	.2861	(none)
228	Thin/Thick Shell	941	964	965	942	FC=250KG/CM2	0.8500	.2861	(none)
229	Thin/Thick Shell	942	965	966	943	FC=250KG/CM2	0.8500	.2861	(none)
230	Thin/Thick Shell	943	966	967	944	FC=250KG/CM2	0.8500	.2861	(none)
231	Thin/Thick Shell	944	967	968	945	FC=250KG/CM2	0.8500	.2861	(none)
232	Thin/Thick Shell	945	968	969	946	FC=250KG/CM2	0.8500	.2861	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
233	Thin/Thick Shell	946	969	970	947	FC=250KG/CM2	0.8500	.2861	(none)
234	Thin/Thick Shell	947	970	971	948	FC=250KG/CM2	0.8500	.2861	(none)
235	Thin/Thick Shell	948	971	972	949	FC=250KG/CM2	0.8500	.2861	(none)
236	Thin/Thick Shell	949	972	973	950	FC=250KG/CM2	0.8500	.2861	(none)
237	Thin/Thick Shell	950	973	974	951	FC=250KG/CM2	0.8500	.2861	(none)
238	Thin/Thick Shell	951	974	975	952	FC=250KG/CM2	0.8500	.2861	(none)
239	Thin/Thick Shell	952	975	976	953	FC=250KG/CM2	0.8500	.3018	(none)
240	Thin/Thick Shell	955	978	936	915	FC=250KG/CM2	0.8500	.3018	(none)
241	Thin/Thick Shell	957	978	979	958	FC=250KG/CM2	0.8500	.3018	(none)
242	Thin/Thick Shell	958	979	980	959	FC=250KG/CM2	0.8500	.3018	(none)
243	Thin/Thick Shell	959	980	981	960	FC=250KG/CM2	0.8500	.2861	(none)
244	Thin/Thick Shell	960	981	982	961	FC=250KG/CM2	0.8500	.2861	(none)
245	Thin/Thick Shell	961	982	983	962	FC=250KG/CM2	0.8500	.2861	(none)
246	Thin/Thick Shell	962	983	984	963	FC=250KG/CM2	0.8500	.2861	(none)
247	Thin/Thick Shell	963	984	985	964	FC=250KG/CM2	0.8500	.2861	(none)
248	Thin/Thick Shell	964	985	986	965	FC=250KG/CM2	0.8500	.2861	(none)
249	Thin/Thick Shell	965	986	987	966	FC=250KG/CM2	0.8500	.2861	(none)
250	Thin/Thick Shell	966	987	988	967	FC=250KG/CM2	0.8500	.2861	(none)
251	Thin/Thick Shell	967	988	989	968	FC=250KG/CM2	0.8500	.2861	(none)
252	Thin/Thick Shell	968	989	990	969	FC=250KG/CM2	0.8500	.2861	(none)
253	Thin/Thick Shell	969	990	991	970	FC=250KG/CM2	0.8500	.2861	(none)
254	Thin/Thick Shell	970	991	992	971	FC=250KG/CM2	0.8500	.2861	(none)
255	Thin/Thick Shell	971	992	993	972	FC=250KG/CM2	0.8500	.2861	(none)
256	Thin/Thick Shell	972	993	994	973	FC=250KG/CM2	0.8500	.2861	(none)
257	Thin/Thick Shell	973	994	995	974	FC=250KG/CM2	0.8500	.2861	(none)
258	Thin/Thick Shell	974	995	996	975	FC=250KG/CM2	0.8500	.2861	(none)
259	Thin/Thick Shell	975	996	997	976	FC=250KG/CM2	0.8500	.3018	(none)
260	Thin/Thick Shell	976	997	977	956	FC=250KG/CM2	0.8500	.3018	(none)
261	Thin/Thick Shell	978	999	1000	979	FC=250KG/CM2	0.8500	.3018	(none)
262	Thin/Thick Shell	979	1000	1001	980	FC=250KG/CM2	0.8500	.3018	(none)
263	Thin/Thick Shell	980	1001	1002	981	FC=250KG/CM2	0.8500	.2861	(none)
264	Thin/Thick Shell	981	1002	1003	982	FC=250KG/CM2	0.8500	.2861	(none)
265	Thin/Thick Shell	982	1003	1004	983	FC=250KG/CM2	0.8500	.2861	(none)
266	Thin/Thick Shell	983	1004	1005	984	FC=250KG/CM2	0.8500	.2861	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
267	Thin/Thick Shell	984	1005	1006	985	FC=250KG/CM2	0.8500	.2861	(none)
268	Thin/Thick Shell	985	1006	1007	986	FC=250KG/CM2	0.8500	.2861	(none)
269	Thin/Thick Shell	986	1007	1008	987	FC=250KG/CM2	0.8500	.2861	(none)
270	Thin/Thick Shell	987	1008	1009	988	FC=250KG/CM2	0.8500	.2861	(none)
271	Thin/Thick Shell	988	1009	1010	989	FC=250KG/CM2	0.8500	.2861	(none)
272	Thin/Thick Shell	989	1010	1011	990	FC=250KG/CM2	0.8500	.2861	(none)
273	Thin/Thick Shell	990	1011	1012	991	FC=250KG/CM2	0.8500	.2861	(none)
274	Thin/Thick Shell	991	1012	1013	992	FC=250KG/CM2	0.8500	.2861	(none)
275	Thin/Thick Shell	992	1013	1014	993	FC=250KG/CM2	0.8500	.2861	(none)
276	Thin/Thick Shell	993	1014	1015	994	FC=250KG/CM2	0.8500	.2861	(none)
277	Thin/Thick Shell	994	1015	1016	995	FC=250KG/CM2	0.8500	.2861	(none)
278	Thin/Thick Shell	995	1016	1017	996	FC=250KG/CM2	0.8500	.2861	(none)
279	Thin/Thick Shell	996	1017	1018	997	FC=250KG/CM2	0.8500	.3018	(none)
280	Thin/Thick Shell	997	1018	998	977	FC=250KG/CM2	0.8500	.3018	(none)
281	Thin/Thick Shell	999	1020	1021	1000	FC=250KG/CM2	0.8500	.3018	(none)
282	Thin/Thick Shell	1000	1021	1022	1001	FC=250KG/CM2	0.8500	.3018	(none)
283	Thin/Thick Shell	1001	1022	1023	1002	FC=250KG/CM2	0.8500	.2861	(none)
284	Thin/Thick Shell	1002	1023	1024	1003	FC=250KG/CM2	0.8500	.2861	(none)
285	Thin/Thick Shell	1003	1024	1025	1004	FC=250KG/CM2	0.8500	.2861	(none)
286	Thin/Thick Shell	1004	1025	1026	1005	FC=250KG/CM2	0.8500	.2861	(none)
287	Thin/Thick Shell	1005	1026	1027	1006	FC=250KG/CM2	0.8500	.2861	(none)
288	Thin/Thick Shell	1006	1027	1028	1007	FC=250KG/CM2	0.8500	.2861	(none)
289	Thin/Thick Shell	1007	1028	1029	1008	FC=250KG/CM2	0.8500	.2861	(none)
290	Thin/Thick Shell	1008	1029	1030	1009	FC=250KG/CM2	0.8500	.2861	(none)
291	Thin/Thick Shell	1009	1030	1031	1010	FC=250KG/CM2	0.8500	.2861	(none)
292	Thin/Thick Shell	1010	1031	1032	1011	FC=250KG/CM2	0.8500	.2861	(none)
293	Thin/Thick Shell	1011	1032	1033	1012	FC=250KG/CM2	0.8500	.2861	(none)
294	Thin/Thick Shell	1012	1033	1034	1013	FC=250KG/CM2	0.8500	.2861	(none)
295	Thin/Thick Shell	1013	1034	1035	1014	FC=250KG/CM2	0.8500	.2861	(none)
296	Thin/Thick Shell	1014	1035	1036	1015	FC=250KG/CM2	0.8500	.2861	(none)
297	Thin/Thick Shell	1015	1036	1037	1016	FC=250KG/CM2	0.8500	.2861	(none)
298	Thin/Thick Shell	1016	1037	1038	1017	FC=250KG/CM2	0.8500	.2861	(none)
299	Thin/Thick Shell	1017	1038	1039	1018	FC=250KG/CM2	0.8500	.3018	(none)
300	Thin/Thick Shell	1018	1039	1019	998	FC=250KG/CM2	0.8500	.3018	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
301	Thin/Thick Shell	1020	1041	1042	1021	FC=250KG/CM2	0.8500	.3018	(none)
302	Thin/Thick Shell	1021	1042	1043	1022	FC=250KG/CM2	0.8500	.3018	(none)
303	Thin/Thick Shell	1022	1043	1044	1023	FC=250KG/CM2	0.8500	.2981	(none)
304	Thin/Thick Shell	1023	1044	1045	1024	FC=250KG/CM2	0.8500	.2981	(none)
305	Thin/Thick Shell	1024	1045	1046	1025	FC=250KG/CM2	0.8500	.2981	(none)
306	Thin/Thick Shell	1025	1046	1047	1026	FC=250KG/CM2	0.8500	.2981	(none)
307	Thin/Thick Shell	1026	1047	1048	1027	FC=250KG/CM2	0.8500	.2981	(none)
308	Thin/Thick Shell	1027	1048	1049	1028	FC=250KG/CM2	0.8500	.2981	(none)
309	Thin/Thick Shell	1028	1049	1050	1029	FC=250KG/CM2	0.8500	.2981	(none)
310	Thin/Thick Shell	1029	1050	1051	1030	FC=250KG/CM2	0.8500	.2981	(none)
311	Thin/Thick Shell	1030	1051	1052	1031	FC=250KG/CM2	0.8500	.2981	(none)
312	Thin/Thick Shell	1031	1052	1053	1032	FC=250KG/CM2	0.8500	.2981	(none)
313	Thin/Thick Shell	1032	1053	1054	1033	FC=250KG/CM2	0.8500	.2981	(none)
314	Thin/Thick Shell	1033	1054	1055	1034	FC=250KG/CM2	0.8500	.2981	(none)
315	Thin/Thick Shell	1034	1055	1056	1035	FC=250KG/CM2	0.8500	.2981	(none)
316	Thin/Thick Shell	1035	1056	1057	1036	FC=250KG/CM2	0.8500	.2981	(none)
317	Thin/Thick Shell	1036	1057	1058	1037	FC=250KG/CM2	0.8500	.2981	(none)
318	Thin/Thick Shell	1037	1058	1059	1038	FC=250KG/CM2	0.8500	.2981	(none)
319	Thin/Thick Shell	1038	1059	1060	1039	FC=250KG/CM2	0.8500	.3018	(none)
320	Thin/Thick Shell	1039	1060	1040	1019	FC=250KG/CM2	0.8500	.3018	(none)
321	Thin/Thick Shell	1041	1062	1063	1042	FC=250KG/CM2	0.8500	.3018	(none)
322	Thin/Thick Shell	1042	1063	1064	1043	FC=250KG/CM2	0.8500	.3018	(none)
323	Thin/Thick Shell	1043	1064	1065	1044	FC=250KG/CM2	0.8500	.2981	(none)
324	Thin/Thick Shell	1044	1065	1066	1045	FC=250KG/CM2	0.8500	.2981	(none)
325	Thin/Thick Shell	1045	1066	1067	1046	FC=250KG/CM2	0.8500	.2981	(none)
326	Thin/Thick Shell	1046	1067	1068	1047	FC=250KG/CM2	0.8500	.2981	(none)
327	Thin/Thick Shell	1047	1068	1069	1048	FC=250KG/CM2	0.8500	.2981	(none)
328	Thin/Thick Shell	1048	1069	1070	1049	FC=250KG/CM2	0.8500	.2981	(none)
329	Thin/Thick Shell	1049	1070	1071	1050	FC=250KG/CM2	0.8500	.2981	(none)
330	Thin/Thick Shell	1050	1071	1072	1051	FC=250KG/CM2	0.8500	.2981	(none)
331	Thin/Thick Shell	1051	1072	1073	1052	FC=250KG/CM2	0.8500	.2981	(none)
332	Thin/Thick Shell	1052	1073	1074	1053	FC=250KG/CM2	0.8500	.2981	(none)
333	Thin/Thick Shell	1053	1074	1075	1054	FC=250KG/CM2	0.8500	.2981	(none)
334	Thin/Thick Shell	1054	1075	1076	1055	FC=250KG/CM2	0.8500	.2981	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
335	Thin/Thick Shell	1055	1076	1077	1056	FC=250KG/CM2	0.8500	.2981	(none)
336	Thin/Thick Shell	1056	1077	1078	1057	FC=250KG/CM2	0.8500	.2981	(none)
337	Thin/Thick Shell	1057	1078	1079	1058	FC=250KG/CM2	0.8500	.2981	(none)
338	Thin/Thick Shell	1058	1079	1080	1059	FC=250KG/CM2	0.8500	.2981	(none)
339	Thin/Thick Shell	1059	1080	1081	1060	FC=250KG/CM2	0.8500	.3018	(none)
340	Thin/Thick Shell	1060	1081	1061	1040	FC=250KG/CM2	0.8500	.3018	(none)
341	Thin/Thick Shell	1062	1083	1084	1063	FC=250KG/CM2	0.8500	.3018	(none)
342	Thin/Thick Shell	1063	1084	1085	1064	FC=250KG/CM2	0.8500	.3018	(none)
343	Thin/Thick Shell	1064	1085	1086	1065	FC=250KG/CM2	0.8500	.2981	(none)
344	Thin/Thick Shell	1065	1086	1087	1066	FC=250KG/CM2	0.8500	.2981	(none)
345	Thin/Thick Shell	1066	1087	1088	1067	FC=250KG/CM2	0.8500	.2981	(none)
346	Thin/Thick Shell	1067	1088	1089	1068	FC=250KG/CM2	0.8500	.2981	(none)
347	Thin/Thick Shell	1068	1089	1090	1069	FC=250KG/CM2	0.8500	.2981	(none)
348	Thin/Thick Shell	1069	1090	1091	1070	FC=250KG/CM2	0.8500	.2981	(none)
349	Thin/Thick Shell	1070	1091	1092	1071	FC=250KG/CM2	0.8500	.2981	(none)
350	Thin/Thick Shell	1071	1092	1093	1072	FC=250KG/CM2	0.8500	.2981	(none)
351	Thin/Thick Shell	1072	1093	1094	1073	FC=250KG/CM2	0.8500	.2981	(none)
352	Thin/Thick Shell	1073	1094	1095	1074	FC=250KG/CM2	0.8500	.2981	(none)
353	Thin/Thick Shell	1074	1095	1096	1075	FC=250KG/CM2	0.8500	.2981	(none)
354	Thin/Thick Shell	1075	1096	1097	1076	FC=250KG/CM2	0.8500	.2981	(none)
355	Thin/Thick Shell	1076	1097	1098	1077	FC=250KG/CM2	0.8500	.2981	(none)
356	Thin/Thick Shell	1077	1098	1099	1078	FC=250KG/CM2	0.8500	.2981	(none)
357	Thin/Thick Shell	1078	1099	1100	1079	FC=250KG/CM2	0.8500	.2981	(none)
358	Thin/Thick Shell	1079	1100	1101	1080	FC=250KG/CM2	0.8500	.2981	(none)
359	Thin/Thick Shell	1080	1101	1102	1081	FC=250KG/CM2	0.8500	.3018	(none)
360	Thin/Thick Shell	1081	1102	1082	1061	FC=250KG/CM2	0.8500	.3018	(none)
361	Thin/Thick Shell	1083	1104	1105	1084	FC=250KG/CM2	0.8500	.3018	(none)
362	Thin/Thick Shell	1084	1105	1106	1085	FC=250KG/CM2	0.8500	.3018	(none)
363	Thin/Thick Shell	1085	1106	1107	1086	FC=250KG/CM2	0.8500	.2981	(none)
364	Thin/Thick Shell	1086	1107	1108	1087	FC=250KG/CM2	0.8500	.2981	(none)
365	Thin/Thick Shell	1087	1108	1109	1088	FC=250KG/CM2	0.8500	.2981	(none)
366	Thin/Thick Shell	1088	1109	1110	1089	FC=250KG/CM2	0.8500	.2981	(none)
367	Thin/Thick Shell	1089	1110	1111	1090	FC=250KG/CM2	0.8500	.2981	(none)
368	Thin/Thick Shell	1090	1111	1112	1091	FC=250KG/CM2	0.8500	.2981	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
369	Thin/Thick Shell	1091	1112	1113	1092	FC=250KG/CM2	0.8500	.2861	(none)
370	Thin/Thick Shell	1092	1113	1114	1093	FC=250KG/CM2	0.8500	.2861	(none)
371	Thin/Thick Shell	1093	1114	1115	1094	FC=250KG/CM2	0.8500	.2861	(none)
372	Thin/Thick Shell	1094	1115	1116	1095	FC=250KG/CM2	0.8500	.2861	(none)
373	Thin/Thick Shell	1095	1116	1117	1096	FC=250KG/CM2	0.8500	.2861	(none)
374	Thin/Thick Shell	1096	1117	1118	1097	FC=250KG/CM2	0.8500	.2861	(none)
375	Thin/Thick Shell	1097	1118	1119	1098	FC=250KG/CM2	0.8500	.2861	(none)
376	Thin/Thick Shell	1098	1119	1120	1099	FC=250KG/CM2	0.8500	.2861	(none)
377	Thin/Thick Shell	1099	1120	1121	1100	FC=250KG/CM2	0.8500	.2861	(none)
378	Thin/Thick Shell	1100	1121	1122	1101	FC=250KG/CM2	0.8500	.2861	(none)
379	Thin/Thick Shell	1101	1122	1123	1102	FC=250KG/CM2	0.8500	.3018	(none)
380	Thin/Thick Shell	1102	1123	1103	1062	FC=250KG/CM2	0.8500	.3018	(none)
381	Thin/Thick Shell	1104	1125	1126	1105	FC=250KG/CM2	0.8500	.3018	(none)
382	Thin/Thick Shell	1105	1126	1127	1106	FC=250KG/CM2	0.8500	.3018	(none)
383	Thin/Thick Shell	1106	1127	1128	1107	FC=250KG/CM2	0.8500	.2861	(none)
384	Thin/Thick Shell	1107	1128	1129	1108	FC=250KG/CM2	0.8500	.2861	(none)
385	Thin/Thick Shell	1108	1129	1130	1109	FC=250KG/CM2	0.8500	.2861	(none)
386	Thin/Thick Shell	1109	1130	1131	1110	FC=250KG/CM2	0.8500	.2861	(none)
387	Thin/Thick Shell	1110	1131	1132	1111	FC=250KG/CM2	0.8500	.2861	(none)
388	Thin/Thick Shell	1111	1132	1133	1112	FC=250KG/CM2	0.8500	.2861	(none)
389	Thin/Thick Shell	1112	1133	1134	1113	FC=250KG/CM2	0.8500	.2861	(none)
390	Thin/Thick Shell	1113	1134	1135	1114	FC=250KG/CM2	0.8500	.2861	(none)
391	Thin/Thick Shell	1114	1135	1136	1115	FC=250KG/CM2	0.8500	.2861	(none)
392	Thin/Thick Shell	1115	1136	1137	1116	FC=250KG/CM2	0.8500	.2861	(none)
393	Thin/Thick Shell	1116	1137	1138	1117	FC=250KG/CM2	0.8500	.2861	(none)
394	Thin/Thick Shell	1117	1138	1139	1118	FC=250KG/CM2	0.8500	.2861	(none)
395	Thin/Thick Shell	1118	1139	1140	1119	FC=250KG/CM2	0.8500	.2861	(none)
396	Thin/Thick Shell	1119	1140	1141	1120	FC=250KG/CM2	0.8500	.2861	(none)
397	Thin/Thick Shell	1120	1141	1142	1121	FC=250KG/CM2	0.8500	.2861	(none)
398	Thin/Thick Shell	1121	1142	1143	1122	FC=250KG/CM2	0.8500	.2861	(none)
399	Thin/Thick Shell	1122	1143	1144	1123	FC=250KG/CM2	0.8500	.3018	(none)
400	Thin/Thick Shell	1123	1144	1124	1103	FC=250KG/CM2	0.8500	.3018	(none)

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc/28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
FC=250KG/CM2	0.00	0.020	Cylinder	2,500.00	Normal	0.00	(NONE)	Yes

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combos?	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loadings	# of THA Initial
1	DL	Static	None	Active	0.0000	0.0000	-1.0000	No	Yes	0	0	20	0	0	0	0	0
2	DL-EARTH	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	0	0	160	0	0	0
3	LL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	2	0	20	0	0	0	0	0
4	CF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	0	0	0	0
5	LF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	0	0	0	0
6	W	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
7	WinLL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
8	EQ-T	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	3	0	0	0	0	0	0	0
9	EQ-L	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	1	0	0	0	0	0	0	0
10	EARTH	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	40	0	200	0	0	0
11	EARTH-005MO	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	40	0	200	0	0	0

LOAD CASE DL Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (w/L)	End Position from start (w/L)
175	Uniform Force	Global Z	-22.3740		0.0000	1.0000
176	Uniform Force	Global Z	-22.3740		0.0000	1.0000
177	Uniform Force	Global Z	-22.3740		0.0000	1.0000
178	Uniform Force	Global Z	-22.3740		0.0000	1.0000
179	Uniform Force	Global Z	-22.3740		0.0000	1.0000
180	Uniform Force	Global Z	-22.3740		0.0000	1.0000
181	Uniform Force	Global Z	-22.3740		0.0000	1.0000
182	Uniform Force	Global Z	-22.3740		0.0000	1.0000
183	Uniform Force	Global Z	-22.3740		0.0000	1.0000
184	Uniform Force	Global Z	-22.3740		0.0000	1.0000
185	Uniform Force	Global Z	-22.3740		0.0000	1.0000

LOAD CASE DL: Member Loads

Member	Type	Direction	Magnitude at Start (m/ton or m/ton/m)	Magnitude at End (m/ton or m/ton/m)	Start Position (x/L)	End Position from start (x/L)
186	Uniform Force	Global Z	-22.3740		0.0000	1.0000
187	Uniform Force	Global Z	-22.3740		0.0000	1.0000
188	Uniform Force	Global Z	-22.3740		0.0000	1.0000
189	Uniform Force	Global Z	-22.3740		0.0000	1.0000
190	Uniform Force	Global Z	-22.3740		0.0000	1.0000
191	Uniform Force	Global Z	-22.3740		0.0000	1.0000
192	Uniform Force	Global Z	-22.3740		0.0000	1.0000
193	Uniform Force	Global Z	-22.3740		0.0000	1.0000
194	Uniform Force	Global Z	-22.3740		0.0000	1.0000

LOAD CASE DL-EARTH: Plate Loads

Plate	Type	Direction	Load (m/ton or m/ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
13	Uniform	Global Z	-10.4400			0.0000	0.0000
14	Uniform	Global Z	-10.4400			0.0000	0.0000
15	Uniform	Global Z	-10.4400			0.0000	0.0000
16	Uniform	Global Z	-10.4400			0.0000	0.0000
117	Uniform	Global Z	-10.4400			0.0000	0.0000
118	Uniform	Global Z	-10.4400			0.0000	0.0000
119	Uniform	Global Z	-10.4400			0.0000	0.0000
120	Uniform	Global Z	-10.4400			0.0000	0.0000
121	Uniform	Global Z	-10.4400			0.0000	0.0000
122	Uniform	Global Z	-10.4400			0.0000	0.0000
123	Uniform	Global Z	-10.4400			0.0000	0.0000
124	Uniform	Global Z	-10.4400			0.0000	0.0000
125	Uniform	Global Z	-10.4400			0.0000	0.0000
126	Uniform	Global Z	-10.4400			0.0000	0.0000
127	Uniform	Global Z	-10.4400			0.0000	0.0000
128	Uniform	Global Z	-10.4400			0.0000	0.0000
129	Uniform	Global Z	-10.4400			0.0000	0.0000
130	Uniform	Global Z	-10.4400			0.0000	0.0000
131	Uniform	Global Z	-10.4400			0.0000	0.0000
132	Uniform	Global Z	-10.4400			0.0000	0.0000

LOAD CASE DL-EARTH: Plate Loads

Plate	Type	Direction	Load (m/ton or m/ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
133	Uniform	Global Z	-10.4400			0.0000	0.0000
134	Uniform	Global Z	-10.4400			0.0000	0.0000
135	Uniform	Global Z	-10.4400			0.0000	0.0000
136	Uniform	Global Z	-10.4400			0.0000	0.0000
137	Uniform	Global Z	-10.4400			0.0000	0.0000
138	Uniform	Global Z	-10.4400			0.0000	0.0000
139	Uniform	Global Z	-10.4400			0.0000	0.0000
140	Uniform	Global Z	-10.4400			0.0000	0.0000
141	Uniform	Global Z	-10.4400			0.0000	0.0000
142	Uniform	Global Z	-10.4400			0.0000	0.0000
143	Uniform	Global Z	-10.4400			0.0000	0.0000
144	Uniform	Global Z	-10.4400			0.0000	0.0000
145	Uniform	Global Z	-10.4400			0.0000	0.0000
146	Uniform	Global Z	-10.4400			0.0000	0.0000
147	Uniform	Global Z	-10.4400			0.0000	0.0000
148	Uniform	Global Z	-10.4400			0.0000	0.0000
193	Uniform	Global Z	-10.4400			0.0000	0.0000
194	Uniform	Global Z	-10.4400			0.0000	0.0000
195	Uniform	Global Z	-10.4400			0.0000	0.0000
196	Uniform	Global Z	-10.4400			0.0000	0.0000
17	Uniform	Global Z	-10.4400			0.0000	0.0000
18	Uniform	Global Z	-10.4400			0.0000	0.0000
19	Uniform	Global Z	-10.4400			0.0000	0.0000
20	Uniform	Global Z	-10.4400			0.0000	0.0000
149	Uniform	Global Z	-10.4400			0.0000	0.0000
150	Uniform	Global Z	-10.4400			0.0000	0.0000
151	Uniform	Global Z	-10.4400			0.0000	0.0000
152	Uniform	Global Z	-10.4400			0.0000	0.0000
153	Uniform	Global Z	-10.4400			0.0000	0.0000
154	Uniform	Global Z	-10.4400			0.0000	0.0000
155	Uniform	Global Z	-10.4400			0.0000	0.0000
156	Uniform	Global Z	-10.4400			0.0000	0.0000
157	Uniform	Global Z	-10.4400			0.0000	0.0000
158	Uniform	Global Z	-10.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
159	Uniform	Global Z	-10.4400			0.0000	0.0000
160	Uniform	Global Z	-10.4400			0.0000	0.0000
161	Uniform	Global Z	-10.4400			0.0000	0.0000
162	Uniform	Global Z	-10.4400			0.0000	0.0000
163	Uniform	Global Z	-10.4400			0.0000	0.0000
164	Uniform	Global Z	-10.4400			0.0000	0.0000
165	Uniform	Global Z	-10.4400			0.0000	0.0000
166	Uniform	Global Z	-10.4400			0.0000	0.0000
167	Uniform	Global Z	-10.4400			0.0000	0.0000
168	Uniform	Global Z	-10.4400			0.0000	0.0000
169	Uniform	Global Z	-10.4400			0.0000	0.0000
170	Uniform	Global Z	-10.4400			0.0000	0.0000
171	Uniform	Global Z	-10.4400			0.0000	0.0000
172	Uniform	Global Z	-10.4400			0.0000	0.0000
173	Uniform	Global Z	-10.4400			0.0000	0.0000
174	Uniform	Global Z	-10.4400			0.0000	0.0000
175	Uniform	Global Z	-10.4400			0.0000	0.0000
176	Uniform	Global Z	-10.4400			0.0000	0.0000
177	Uniform	Global Z	-10.4400			0.0000	0.0000
178	Uniform	Global Z	-10.4400			0.0000	0.0000
179	Uniform	Global Z	-10.4400			0.0000	0.0000
180	Uniform	Global Z	-10.4400			0.0000	0.0000
167	Uniform	Global Z	-10.4400			0.0000	0.0000
198	Uniform	Global Z	-10.4400			0.0000	0.0000
199	Uniform	Global Z	-10.4400			0.0000	0.0000
200	Uniform	Global Z	-10.4400			0.0000	0.0000
1	Uniform	Global Z	-1.4400			0.0000	0.0000
2	Uniform	Global Z	-1.4400			0.0000	0.0000
3	Uniform	Global Z	-1.4400			0.0000	0.0000
4	Uniform	Global Z	-1.4400			0.0000	0.0000
21	Uniform	Global Z	-1.4400			0.0000	0.0000
22	Uniform	Global Z	-1.4400			0.0000	0.0000
23	Uniform	Global Z	-1.4400			0.0000	0.0000
24	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
25	Uniform	Global Z	-1.4400			0.0000	0.0000
26	Uniform	Global Z	-1.4400			0.0000	0.0000
27	Uniform	Global Z	-1.4400			0.0000	0.0000
28	Uniform	Global Z	-1.4400			0.0000	0.0000
29	Uniform	Global Z	-1.4400			0.0000	0.0000
30	Uniform	Global Z	-1.4400			0.0000	0.0000
31	Uniform	Global Z	-1.4400			0.0000	0.0000
32	Uniform	Global Z	-1.4400			0.0000	0.0000
33	Uniform	Global Z	-1.4400			0.0000	0.0000
34	Uniform	Global Z	-1.4400			0.0000	0.0000
35	Uniform	Global Z	-1.4400			0.0000	0.0000
36	Uniform	Global Z	-1.4400			0.0000	0.0000
37	Uniform	Global Z	-1.4400			0.0000	0.0000
38	Uniform	Global Z	-1.4400			0.0000	0.0000
39	Uniform	Global Z	-1.4400			0.0000	0.0000
40	Uniform	Global Z	-1.4400			0.0000	0.0000
41	Uniform	Global Z	-1.4400			0.0000	0.0000
42	Uniform	Global Z	-1.4400			0.0000	0.0000
43	Uniform	Global Z	-1.4400			0.0000	0.0000
44	Uniform	Global Z	-1.4400			0.0000	0.0000
45	Uniform	Global Z	-1.4400			0.0000	0.0000
46	Uniform	Global Z	-1.4400			0.0000	0.0000
47	Uniform	Global Z	-1.4400			0.0000	0.0000
48	Uniform	Global Z	-1.4400			0.0000	0.0000
49	Uniform	Global Z	-1.4400			0.0000	0.0000
50	Uniform	Global Z	-1.4400			0.0000	0.0000
51	Uniform	Global Z	-1.4400			0.0000	0.0000
52	Uniform	Global Z	-1.4400			0.0000	0.0000
181	Uniform	Global Z	-1.4400			0.0000	0.0000
182	Uniform	Global Z	-1.4400			0.0000	0.0000
183	Uniform	Global Z	-1.4400			0.0000	0.0000
184	Uniform	Global Z	-1.4400			0.0000	0.0000
5	Uniform	Global Z	-1.4400			0.0000	0.0000
6	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
7	Uniform	Global Z	-1.4400			0.0000	0.0000
8	Uniform	Global Z	-1.4400			0.0000	0.0000
53	Uniform	Global Z	-1.4400			0.0000	0.0000
54	Uniform	Global Z	-1.4400			0.0000	0.0000
55	Uniform	Global Z	-1.4400			0.0000	0.0000
56	Uniform	Global Z	-1.4400			0.0000	0.0000
57	Uniform	Global Z	-1.4400			0.0000	0.0000
58	Uniform	Global Z	-1.4400			0.0000	0.0000
59	Uniform	Global Z	-1.4400			0.0000	0.0000
60	Uniform	Global Z	-1.4400			0.0000	0.0000
61	Uniform	Global Z	-1.4400			0.0000	0.0000
62	Uniform	Global Z	-1.4400			0.0000	0.0000
63	Uniform	Global Z	-1.4400			0.0000	0.0000
64	Uniform	Global Z	-1.4400			0.0000	0.0000
65	Uniform	Global Z	-1.4400			0.0000	0.0000
66	Uniform	Global Z	-1.4400			0.0000	0.0000
67	Uniform	Global Z	-1.4400			0.0000	0.0000
68	Uniform	Global Z	-1.4400			0.0000	0.0000
69	Uniform	Global Z	-1.4400			0.0000	0.0000
70	Uniform	Global Z	-1.4400			0.0000	0.0000
71	Uniform	Global Z	-1.4400			0.0000	0.0000
72	Uniform	Global Z	-1.4400			0.0000	0.0000
73	Uniform	Global Z	-1.4400			0.0000	0.0000
74	Uniform	Global Z	-1.4400			0.0000	0.0000
75	Uniform	Global Z	-1.4400			0.0000	0.0000
76	Uniform	Global Z	-1.4400			0.0000	0.0000
77	Uniform	Global Z	-1.4400			0.0000	0.0000
78	Uniform	Global Z	-1.4400			0.0000	0.0000
79	Uniform	Global Z	-1.4400			0.0000	0.0000
80	Uniform	Global Z	-1.4400			0.0000	0.0000
81	Uniform	Global Z	-1.4400			0.0000	0.0000
82	Uniform	Global Z	-1.4400			0.0000	0.0000
83	Uniform	Global Z	-1.4400			0.0000	0.0000
84	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE DL-EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
185	Uniform	Global Z	-1.4400			0.0000	0.0000
186	Uniform	Global Z	-1.4400			0.0000	0.0000
187	Uniform	Global Z	-1.4400			0.0000	0.0000
188	Uniform	Global Z	-1.4400			0.0000	0.0000

LOAD CASE LL, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (x/L)	End Position from start (x/L)
175	Uniform Force	Global Z	-6.4350		0.0000	1.0000
176	Uniform Force	Global Z	-6.4350		0.0000	1.0000
177	Uniform Force	Global Z	-6.4350		0.0000	1.0000
178	Uniform Force	Global Z	-6.4350		0.0000	1.0000
179	Uniform Force	Global Z	-6.4350		0.0000	1.0000
180	Uniform Force	Global Z	-6.4350		0.0000	1.0000
181	Uniform Force	Global Z	-6.4350		0.0000	1.0000
182	Uniform Force	Global Z	-6.4350		0.0000	1.0000
183	Uniform Force	Global Z	-6.4350		0.0000	1.0000
184	Uniform Force	Global Z	-6.4350		0.0000	1.0000
185	Uniform Force	Global Z	-6.4350		0.0000	1.0000
186	Uniform Force	Global Z	-6.4350		0.0000	1.0000
187	Uniform Force	Global Z	-6.4350		0.0000	1.0000
188	Uniform Force	Global Z	-6.4350		0.0000	1.0000
189	Uniform Force	Global Z	-6.4350		0.0000	1.0000
190	Uniform Force	Global Z	-6.4350		0.0000	1.0000
191	Uniform Force	Global Z	-6.4350		0.0000	1.0000
192	Uniform Force	Global Z	-6.4350		0.0000	1.0000
193	Uniform Force	Global Z	-6.4350		0.0000	1.0000
194	Uniform Force	Global Z	-6.4350		0.0000	1.0000

LOAD CASE LL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1125	0.0000	0.0000	19.8300	0.0000	0.0000	0.0000

LOAD CASE LL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1124	0.0000	0.0000	-19.8300	0.0000	0.0000	0.0000

LOAD CASE CF, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000

LOAD CASE LF, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	0.0000	-6.7000	0.0000	36.0000	0.0000	0.0000

LOAD CASE W, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	12.4000	-3.0000	0.0000	4.9500	0.0000	0.0000
1125	0.0000	0.0000	1.7900	0.0000	0.0000	0.0000
1124	0.0000	0.0000	-1.7900	0.0000	0.0000	0.0000

LOAD CASE WonLL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	3.1000	-1.3000	0.0000	4.9530	0.0000	0.0000
1125	0.0000	0.0000	1.0270	0.0000	0.0000	0.0000
1124	0.0000	0.0000	-1.0270	0.0000	0.0000	0.0000

LOAD CASE EQ-T, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	44.7000	0.0000	0.0000	0.0000	0.0000	0.0000
1125	0.0000	0.0000	3.1870	0.0000	0.0000	0.0000

LOAD CASE EQ-T, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1124	0.0000	0.0000	-3.1870	0.0000	0.0000	0.0000

LOAD CASE EQ-L, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1135	0.0000	-44.7000	0.0000	36.6540	0.0000	0.0000

LOAD CASE EARTH, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (s/L)	End Position from start (s/L)
175	Uniform Force	Global Y	-1.8730		0.0000	1.0000
176	Uniform Force	Global Y	-1.8730		0.0000	1.0000
177	Uniform Force	Global Y	-1.8730		0.0000	1.0000
178	Uniform Force	Global Y	-1.8730		0.0000	1.0000
179	Uniform Force	Global Y	-1.8730		0.0000	1.0000
180	Uniform Force	Global Y	-1.8730		0.0000	1.0000
181	Uniform Force	Global Y	-1.8730		0.0000	1.0000
182	Uniform Force	Global Y	-1.8730		0.0000	1.0000
183	Uniform Force	Global Y	-1.8730		0.0000	1.0000
184	Uniform Force	Global Y	-1.8730		0.0000	1.0000
185	Uniform Force	Global Y	-1.8730		0.0000	1.0000
186	Uniform Force	Global Y	-1.8730		0.0000	1.0000
187	Uniform Force	Global Y	-1.8730		0.0000	1.0000
188	Uniform Force	Global Y	-1.8730		0.0000	1.0000
189	Uniform Force	Global Y	-1.8730		0.0000	1.0000
190	Uniform Force	Global Y	-1.8730		0.0000	1.0000
191	Uniform Force	Global Y	-1.8730		0.0000	1.0000
192	Uniform Force	Global Y	-1.8730		0.0000	1.0000
193	Uniform Force	Global Y	-1.8730		0.0000	1.0000
194	Uniform Force	Global Y	-1.8730		0.0000	1.0000
175	Uniform Moment	Global X	1.4631		0.0000	1.0000
176	Uniform Moment	Global X	1.4631		0.0000	1.0000
177	Uniform Moment	Global X	1.4631		0.0000	1.0000

LOAD CASE EARTH, Member Loads

Member	Type	Direction	Magnitude at Start (mton or m-ton)	Magnitude at End (mton or m-ton)	Start Position (x/L)	End Position from start (x/L)
178	Uniform Moment	Global X	1.4631		0.0000	1.0000
179	Uniform Moment	Global X	1.4631		0.0000	1.0000
180	Uniform Moment	Global X	1.4631		0.0000	1.0000
181	Uniform Moment	Global X	1.4631		0.0000	1.0000
182	Uniform Moment	Global X	1.4631		0.0000	1.0000
183	Uniform Moment	Global X	1.4631		0.0000	1.0000
184	Uniform Moment	Global X	1.4631		0.0000	1.0000
185	Uniform Moment	Global X	1.4631		0.0000	1.0000
186	Uniform Moment	Global X	1.4631		0.0000	1.0000
187	Uniform Moment	Global X	1.4631		0.0000	1.0000
188	Uniform Moment	Global X	1.4631		0.0000	1.0000
189	Uniform Moment	Global X	1.4631		0.0000	1.0000
190	Uniform Moment	Global X	1.4631		0.0000	1.0000
191	Uniform Moment	Global X	1.4631		0.0000	1.0000
192	Uniform Moment	Global X	1.4631		0.0000	1.0000
193	Uniform Moment	Global X	1.4631		0.0000	1.0000
194	Uniform Moment	Global X	1.4631		0.0000	1.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (mton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
381	Uniform	Global Y	-1.6800			0.0000	0.0000
382	Uniform	Global Y	-1.6800			0.0000	0.0000
383	Uniform	Global Y	-1.6800			0.0000	0.0000
384	Uniform	Global Y	-1.6800			0.0000	0.0000
385	Uniform	Global Y	-1.6800			0.0000	0.0000
386	Uniform	Global Y	-1.6800			0.0000	0.0000
387	Uniform	Global Y	-1.6800			0.0000	0.0000
388	Uniform	Global Y	-1.6800			0.0000	0.0000
389	Uniform	Global Y	-1.6800			0.0000	0.0000
390	Uniform	Global Y	-1.6800			0.0000	0.0000
391	Uniform	Global Y	-1.6800			0.0000	0.0000
392	Uniform	Global Y	-1.6800			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (mton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
393	Uniform	Global Y	-1.6800			0.0000	0.0000
394	Uniform	Global Y	-1.6800			0.0000	0.0000
395	Uniform	Global Y	-1.6800			0.0000	0.0000
396	Uniform	Global Y	-1.6800			0.0000	0.0000
397	Uniform	Global Y	-1.6800			0.0000	0.0000
398	Uniform	Global Y	-1.6800			0.0000	0.0000
399	Uniform	Global Y	-1.6800			0.0000	0.0000
400	Uniform	Global Y	-1.6800			0.0000	0.0000
401	Uniform	Global Y	-1.9600			0.0000	0.0000
402	Uniform	Global Y	-1.9600			0.0000	0.0000
403	Uniform	Global Y	-1.9600			0.0000	0.0000
404	Uniform	Global Y	-1.9600			0.0000	0.0000
405	Uniform	Global Y	-1.9600			0.0000	0.0000
406	Uniform	Global Y	-1.9600			0.0000	0.0000
407	Uniform	Global Y	-1.9600			0.0000	0.0000
408	Uniform	Global Y	-1.9600			0.0000	0.0000
409	Uniform	Global Y	-1.9600			0.0000	0.0000
570	Uniform	Global Y	-1.9600			0.0000	0.0000
571	Uniform	Global Y	-1.9600			0.0000	0.0000
572	Uniform	Global Y	-1.9600			0.0000	0.0000
573	Uniform	Global Y	-1.9600			0.0000	0.0000
574	Uniform	Global Y	-1.9600			0.0000	0.0000
575	Uniform	Global Y	-1.9600			0.0000	0.0000
576	Uniform	Global Y	-1.9600			0.0000	0.0000
577	Uniform	Global Y	-1.9600			0.0000	0.0000
578	Uniform	Global Y	-1.9600			0.0000	0.0000
579	Uniform	Global Y	-1.9600			0.0000	0.0000
580	Uniform	Global Y	-1.9600			0.0000	0.0000
341	Uniform	Global Y	-2.3000			0.0000	0.0000
342	Uniform	Global Y	-2.3000			0.0000	0.0000
343	Uniform	Global Y	-2.3000			0.0000	0.0000
344	Uniform	Global Y	-2.3000			0.0000	0.0000
345	Uniform	Global Y	-2.3000			0.0000	0.0000
346	Uniform	Global Y	-2.3000			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
347	Uniform	Global Y	-2.3000			0.0000	0.0000
348	Uniform	Global Y	-2.3000			0.0000	0.0000
349	Uniform	Global Y	-2.3000			0.0000	0.0000
350	Uniform	Global Y	-2.3000			0.0000	0.0000
351	Uniform	Global Y	-2.3000			0.0000	0.0000
352	Uniform	Global Y	-2.3000			0.0000	0.0000
353	Uniform	Global Y	-2.3000			0.0000	0.0000
354	Uniform	Global Y	-2.3000			0.0000	0.0000
355	Uniform	Global Y	-2.3000			0.0000	0.0000
356	Uniform	Global Y	-2.3000			0.0000	0.0000
357	Uniform	Global Y	-2.3000			0.0000	0.0000
358	Uniform	Global Y	-2.3000			0.0000	0.0000
359	Uniform	Global Y	-2.3000			0.0000	0.0000
360	Uniform	Global Y	-2.3000			0.0000	0.0000
321	Uniform	Global Y	-2.6000			0.0000	0.0000
322	Uniform	Global Y	-2.6000			0.0000	0.0000
323	Uniform	Global Y	-2.6000			0.0000	0.0000
324	Uniform	Global Y	-2.6000			0.0000	0.0000
325	Uniform	Global Y	-2.6000			0.0000	0.0000
326	Uniform	Global Y	-2.6000			0.0000	0.0000
327	Uniform	Global Y	-2.6000			0.0000	0.0000
328	Uniform	Global Y	-2.6000			0.0000	0.0000
329	Uniform	Global Y	-2.6000			0.0000	0.0000
330	Uniform	Global Y	-2.6000			0.0000	0.0000
331	Uniform	Global Y	-2.6000			0.0000	0.0000
332	Uniform	Global Y	-2.6000			0.0000	0.0000
333	Uniform	Global Y	-2.6000			0.0000	0.0000
334	Uniform	Global Y	-2.6000			0.0000	0.0000
335	Uniform	Global Y	-2.6000			0.0000	0.0000
336	Uniform	Global Y	-2.6000			0.0000	0.0000
337	Uniform	Global Y	-2.6000			0.0000	0.0000
338	Uniform	Global Y	-2.6000			0.0000	0.0000
339	Uniform	Global Y	-2.6000			0.0000	0.0000
340	Uniform	Global Y	-2.6000			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
301	Uniform	Global Y	-2.9000			0.0000	0.0000
302	Uniform	Global Y	-2.9000			0.0000	0.0000
303	Uniform	Global Y	-2.9000			0.0000	0.0000
304	Uniform	Global Y	-2.9000			0.0000	0.0000
305	Uniform	Global Y	-2.9000			0.0000	0.0000
306	Uniform	Global Y	-2.9000			0.0000	0.0000
307	Uniform	Global Y	-2.9000			0.0000	0.0000
308	Uniform	Global Y	-2.9000			0.0000	0.0000
309	Uniform	Global Y	-2.9000			0.0000	0.0000
310	Uniform	Global Y	-2.9000			0.0000	0.0000
311	Uniform	Global Y	-2.9000			0.0000	0.0000
312	Uniform	Global Y	-2.9000			0.0000	0.0000
313	Uniform	Global Y	-2.9000			0.0000	0.0000
314	Uniform	Global Y	-2.9000			0.0000	0.0000
315	Uniform	Global Y	-2.9000			0.0000	0.0000
316	Uniform	Global Y	-2.9000			0.0000	0.0000
317	Uniform	Global Y	-2.9000			0.0000	0.0000
318	Uniform	Global Y	-2.9000			0.0000	0.0000
319	Uniform	Global Y	-2.9000			0.0000	0.0000
320	Uniform	Global Y	-2.9000			0.0000	0.0000
281	Uniform	Global Y	-3.2000			0.0000	0.0000
282	Uniform	Global Y	-3.2000			0.0000	0.0000
283	Uniform	Global Y	-3.2000			0.0000	0.0000
284	Uniform	Global Y	-3.2000			0.0000	0.0000
285	Uniform	Global Y	-3.2000			0.0000	0.0000
286	Uniform	Global Y	-3.2000			0.0000	0.0000
287	Uniform	Global Y	-3.2000			0.0000	0.0000
288	Uniform	Global Y	-3.2000			0.0000	0.0000
289	Uniform	Global Y	-3.2000			0.0000	0.0000
290	Uniform	Global Y	-3.2000			0.0000	0.0000
291	Uniform	Global Y	-3.2000			0.0000	0.0000
292	Uniform	Global Y	-3.2000			0.0000	0.0000
293	Uniform	Global Y	-3.2000			0.0000	0.0000
294	Uniform	Global Y	-3.2000			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
295	Uniform	Global Y	-3.2000			0.0000	0.0000
296	Uniform	Global Y	-3.2000			0.0000	0.0000
297	Uniform	Global Y	-3.2000			0.0000	0.0000
298	Uniform	Global Y	-3.2000			0.0000	0.0000
299	Uniform	Global Y	-3.2000			0.0000	0.0000
300	Uniform	Global Y	-3.2000			0.0000	0.0000
301	Uniform	Global Y	-3.5000			0.0000	0.0000
302	Uniform	Global Y	-3.5000			0.0000	0.0000
303	Uniform	Global Y	-3.5000			0.0000	0.0000
304	Uniform	Global Y	-3.5000			0.0000	0.0000
305	Uniform	Global Y	-3.5000			0.0000	0.0000
306	Uniform	Global Y	-3.5000			0.0000	0.0000
307	Uniform	Global Y	-3.5000			0.0000	0.0000
308	Uniform	Global Y	-3.5000			0.0000	0.0000
309	Uniform	Global Y	-3.5000			0.0000	0.0000
310	Uniform	Global Y	-3.5000			0.0000	0.0000
311	Uniform	Global Y	-3.5000			0.0000	0.0000
312	Uniform	Global Y	-3.5000			0.0000	0.0000
313	Uniform	Global Y	-3.5000			0.0000	0.0000
314	Uniform	Global Y	-3.5000			0.0000	0.0000
315	Uniform	Global Y	-3.5000			0.0000	0.0000
316	Uniform	Global Y	-3.5000			0.0000	0.0000
317	Uniform	Global Y	-3.5000			0.0000	0.0000
318	Uniform	Global Y	-3.5000			0.0000	0.0000
319	Uniform	Global Y	-3.5000			0.0000	0.0000
320	Uniform	Global Y	-3.5000			0.0000	0.0000
321	Uniform	Global Y	-3.8100			0.0000	0.0000
322	Uniform	Global Y	-3.8100			0.0000	0.0000
323	Uniform	Global Y	-3.8100			0.0000	0.0000
324	Uniform	Global Y	-3.8100			0.0000	0.0000
325	Uniform	Global Y	-3.8100			0.0000	0.0000
326	Uniform	Global Y	-3.8100			0.0000	0.0000
327	Uniform	Global Y	-3.8100			0.0000	0.0000
328	Uniform	Global Y	-3.8100			0.0000	0.0000
329	Uniform	Global Y	-3.8100			0.0000	0.0000
330	Uniform	Global Y	-3.8100			0.0000	0.0000
331	Uniform	Global Y	-3.8100			0.0000	0.0000
332	Uniform	Global Y	-3.8100			0.0000	0.0000
333	Uniform	Global Y	-3.8100			0.0000	0.0000
334	Uniform	Global Y	-3.8100			0.0000	0.0000
335	Uniform	Global Y	-3.8100			0.0000	0.0000
336	Uniform	Global Y	-3.8100			0.0000	0.0000
337	Uniform	Global Y	-3.8100			0.0000	0.0000
338	Uniform	Global Y	-3.8100			0.0000	0.0000
339	Uniform	Global Y	-3.8100			0.0000	0.0000
340	Uniform	Global Y	-3.8100			0.0000	0.0000
341	Uniform	Global Y	-4.4100			0.0000	0.0000
342	Uniform	Global Y	-4.4100			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
249	Uniform	Global Y	-3.8100			0.0000	0.0000
250	Uniform	Global Y	-3.8100			0.0000	0.0000
251	Uniform	Global Y	-3.8100			0.0000	0.0000
252	Uniform	Global Y	-3.8100			0.0000	0.0000
253	Uniform	Global Y	-3.8100			0.0000	0.0000
254	Uniform	Global Y	-3.8100			0.0000	0.0000
255	Uniform	Global Y	-3.8100			0.0000	0.0000
256	Uniform	Global Y	-3.8100			0.0000	0.0000
257	Uniform	Global Y	-3.8100			0.0000	0.0000
258	Uniform	Global Y	-3.8100			0.0000	0.0000
259	Uniform	Global Y	-3.8100			0.0000	0.0000
260	Uniform	Global Y	-3.8100			0.0000	0.0000
221	Uniform	Global Y	-4.1100			0.0000	0.0000
222	Uniform	Global Y	-4.1100			0.0000	0.0000
223	Uniform	Global Y	-4.1100			0.0000	0.0000
224	Uniform	Global Y	-4.1100			0.0000	0.0000
225	Uniform	Global Y	-4.1100			0.0000	0.0000
226	Uniform	Global Y	-4.1100			0.0000	0.0000
227	Uniform	Global Y	-4.1100			0.0000	0.0000
228	Uniform	Global Y	-4.1100			0.0000	0.0000
229	Uniform	Global Y	-4.1100			0.0000	0.0000
230	Uniform	Global Y	-4.1100			0.0000	0.0000
231	Uniform	Global Y	-4.1100			0.0000	0.0000
232	Uniform	Global Y	-4.1100			0.0000	0.0000
233	Uniform	Global Y	-4.1100			0.0000	0.0000
234	Uniform	Global Y	-4.1100			0.0000	0.0000
235	Uniform	Global Y	-4.1100			0.0000	0.0000
236	Uniform	Global Y	-4.1100			0.0000	0.0000
237	Uniform	Global Y	-4.1100			0.0000	0.0000
238	Uniform	Global Y	-4.1100			0.0000	0.0000
239	Uniform	Global Y	-4.1100			0.0000	0.0000
240	Uniform	Global Y	-4.1100			0.0000	0.0000
201	Uniform	Global Y	-4.4100			0.0000	0.0000
202	Uniform	Global Y	-4.4100			0.0000	0.0000

LOAD CASE EARTH, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/XL)	Relative Y Location (y/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
203	Uniform	Global Y	-4.4100			0.0000	0.0000
204	Uniform	Global Y	-4.4100			0.0000	0.0000
205	Uniform	Global Y	-4.4100			0.0000	0.0000
206	Uniform	Global Y	-4.4100			0.0000	0.0000
207	Uniform	Global Y	-4.4100			0.0000	0.0000
208	Uniform	Global Y	-4.4100			0.0000	0.0000
209	Uniform	Global Y	-4.4100			0.0000	0.0000
210	Uniform	Global Y	-4.4100			0.0000	0.0000
211	Uniform	Global Y	-4.4100			0.0000	0.0000
212	Uniform	Global Y	-4.4100			0.0000	0.0000
213	Uniform	Global Y	-4.4100			0.0000	0.0000
214	Uniform	Global Y	-4.4100			0.0000	0.0000
215	Uniform	Global Y	-4.4100			0.0000	0.0000
216	Uniform	Global Y	-4.4100			0.0000	0.0000
217	Uniform	Global Y	-4.4100			0.0000	0.0000
218	Uniform	Global Y	-4.4100			0.0000	0.0000
219	Uniform	Global Y	-4.4100			0.0000	0.0000
220	Uniform	Global Y	-4.4100			0.0000	0.0000

LOAD CASE EARTH-SISMO, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (x/L)	End Position from start (x/L)
175	Uniform Moment	Global X	1.6864		0.0000	1.0000
176	Uniform Moment	Global X	1.6864		0.0000	1.0000
177	Uniform Moment	Global X	1.6864		0.0000	1.0000
178	Uniform Moment	Global X	1.6864		0.0000	1.0000
179	Uniform Moment	Global X	1.6864		0.0000	1.0000
180	Uniform Moment	Global X	1.6864		0.0000	1.0000
181	Uniform Moment	Global X	1.6864		0.0000	1.0000
182	Uniform Moment	Global X	1.6864		0.0000	1.0000
183	Uniform Moment	Global X	1.6864		0.0000	1.0000
184	Uniform Moment	Global X	1.6864		0.0000	1.0000
185	Uniform Moment	Global X	1.6864		0.0000	1.0000

LOAD CASE EARTH-SISMO, Member Loads

Member	Type	Direction	Magnitude at Start (m-ton or m-ton/m)	Magnitude at End (m-ton or m-ton/m)	Start Position (x/L)	End Position from start (x/L)
186	Uniform Moment	Global X	1.6864		0.0000	1.0000
187	Uniform Moment	Global X	1.6864		0.0000	1.0000
188	Uniform Moment	Global X	1.6864		0.0000	1.0000
189	Uniform Moment	Global X	1.6864		0.0000	1.0000
190	Uniform Moment	Global X	1.6864		0.0000	1.0000
191	Uniform Moment	Global X	1.6864		0.0000	1.0000
192	Uniform Moment	Global X	1.6864		0.0000	1.0000
193	Uniform Moment	Global X	1.6864		0.0000	1.0000
194	Uniform Moment	Global X	1.6864		0.0000	1.0000
175	Uniform Force	Global Y	-2.0796		0.0000	1.0000
176	Uniform Force	Global Y	-2.0796		0.0000	1.0000
177	Uniform Force	Global Y	-2.0796		0.0000	1.0000
178	Uniform Force	Global Y	-2.0796		0.0000	1.0000
179	Uniform Force	Global Y	-2.0796		0.0000	1.0000
180	Uniform Force	Global Y	-2.0796		0.0000	1.0000
181	Uniform Force	Global Y	-2.0796		0.0000	1.0000
182	Uniform Force	Global Y	-2.0796		0.0000	1.0000
183	Uniform Force	Global Y	-2.0796		0.0000	1.0000
184	Uniform Force	Global Y	-2.0796		0.0000	1.0000
185	Uniform Force	Global Y	-2.0796		0.0000	1.0000
186	Uniform Force	Global Y	-2.0796		0.0000	1.0000
187	Uniform Force	Global Y	-2.0796		0.0000	1.0000
188	Uniform Force	Global Y	-2.0796		0.0000	1.0000
189	Uniform Force	Global Y	-2.0796		0.0000	1.0000
190	Uniform Force	Global Y	-2.0796		0.0000	1.0000
191	Uniform Force	Global Y	-2.0796		0.0000	1.0000
192	Uniform Force	Global Y	-2.0796		0.0000	1.0000
193	Uniform Force	Global Y	-2.0796		0.0000	1.0000
194	Uniform Force	Global Y	-2.0796		0.0000	1.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (t-f/sq.m or t-f/sq.m/m²)	Relative X Location (x/YL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
361	Uniform	Global Y	-1.5800			0.0000	0.0000
362	Uniform	Global Y	-1.5800			0.0000	0.0000
363	Uniform	Global Y	-1.5800			0.0000	0.0000
364	Uniform	Global Y	-1.5800			0.0000	0.0000
365	Uniform	Global Y	-1.5800			0.0000	0.0000
366	Uniform	Global Y	-1.5800			0.0000	0.0000
367	Uniform	Global Y	-1.5800			0.0000	0.0000
368	Uniform	Global Y	-1.5800			0.0000	0.0000
369	Uniform	Global Y	-1.5800			0.0000	0.0000
390	Uniform	Global Y	-1.5800			0.0000	0.0000
391	Uniform	Global Y	-1.5800			0.0000	0.0000
392	Uniform	Global Y	-1.5800			0.0000	0.0000
393	Uniform	Global Y	-1.5800			0.0000	0.0000
394	Uniform	Global Y	-1.5800			0.0000	0.0000
395	Uniform	Global Y	-1.5800			0.0000	0.0000
396	Uniform	Global Y	-1.5800			0.0000	0.0000
397	Uniform	Global Y	-1.5800			0.0000	0.0000
398	Uniform	Global Y	-1.5800			0.0000	0.0000
399	Uniform	Global Y	-1.5800			0.0000	0.0000
400	Uniform	Global Y	-1.5800			0.0000	0.0000
361	Uniform	Global Y	-2.2100			0.0000	0.0000
362	Uniform	Global Y	-2.2100			0.0000	0.0000
363	Uniform	Global Y	-2.2100			0.0000	0.0000
364	Uniform	Global Y	-2.2100			0.0000	0.0000
365	Uniform	Global Y	-2.2100			0.0000	0.0000
366	Uniform	Global Y	-2.2100			0.0000	0.0000
367	Uniform	Global Y	-2.2100			0.0000	0.0000
368	Uniform	Global Y	-2.2100			0.0000	0.0000
369	Uniform	Global Y	-2.2100			0.0000	0.0000
370	Uniform	Global Y	-2.2100			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (t-f/sq.m or t-f/sq.m/m²)	Relative X Location (x/YL)	Relative Y Location (x/YL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
371	Uniform	Global Y	-2.2100			0.0000	0.0000
372	Uniform	Global Y	-2.2100			0.0000	0.0000
373	Uniform	Global Y	-2.2100			0.0000	0.0000
374	Uniform	Global Y	-2.2100			0.0000	0.0000
375	Uniform	Global Y	-2.2100			0.0000	0.0000
376	Uniform	Global Y	-2.2100			0.0000	0.0000
377	Uniform	Global Y	-2.2100			0.0000	0.0000
378	Uniform	Global Y	-2.2100			0.0000	0.0000
379	Uniform	Global Y	-2.2100			0.0000	0.0000
380	Uniform	Global Y	-2.2100			0.0000	0.0000
541	Uniform	Global Y	-2.5500			0.0000	0.0000
542	Uniform	Global Y	-2.5500			0.0000	0.0000
543	Uniform	Global Y	-2.5500			0.0000	0.0000
544	Uniform	Global Y	-2.5500			0.0000	0.0000
545	Uniform	Global Y	-2.5500			0.0000	0.0000
546	Uniform	Global Y	-2.5500			0.0000	0.0000
547	Uniform	Global Y	-2.5500			0.0000	0.0000
548	Uniform	Global Y	-2.5500			0.0000	0.0000
549	Uniform	Global Y	-2.5500			0.0000	0.0000
550	Uniform	Global Y	-2.5500			0.0000	0.0000
551	Uniform	Global Y	-2.5500			0.0000	0.0000
552	Uniform	Global Y	-2.5500			0.0000	0.0000
553	Uniform	Global Y	-2.5500			0.0000	0.0000
554	Uniform	Global Y	-2.5500			0.0000	0.0000
555	Uniform	Global Y	-2.5500			0.0000	0.0000
556	Uniform	Global Y	-2.5500			0.0000	0.0000
557	Uniform	Global Y	-2.5500			0.0000	0.0000
558	Uniform	Global Y	-2.5500			0.0000	0.0000
559	Uniform	Global Y	-2.5500			0.0000	0.0000
560	Uniform	Global Y	-2.5500			0.0000	0.0000
521	Uniform	Global Y	-2.8800			0.0000	0.0000
522	Uniform	Global Y	-2.8800			0.0000	0.0000
523	Uniform	Global Y	-2.8800			0.0000	0.0000
524	Uniform	Global Y	-2.8800			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/TL)	Relative Y Location (y/TL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
325	Uniform	Global Y	-2.8800			0.0000	0.0000
326	Uniform	Global Y	-2.8800			0.0000	0.0000
327	Uniform	Global Y	-2.8800			0.0000	0.0000
328	Uniform	Global Y	-2.8800			0.0000	0.0000
329	Uniform	Global Y	-2.8800			0.0000	0.0000
330	Uniform	Global Y	-2.8800			0.0000	0.0000
331	Uniform	Global Y	-2.8800			0.0000	0.0000
332	Uniform	Global Y	-2.8800			0.0000	0.0000
333	Uniform	Global Y	-2.8800			0.0000	0.0000
334	Uniform	Global Y	-2.8800			0.0000	0.0000
335	Uniform	Global Y	-2.8800			0.0000	0.0000
336	Uniform	Global Y	-2.8800			0.0000	0.0000
337	Uniform	Global Y	-2.8800			0.0000	0.0000
338	Uniform	Global Y	-2.8800			0.0000	0.0000
339	Uniform	Global Y	-2.8800			0.0000	0.0000
340	Uniform	Global Y	-2.8800			0.0000	0.0000
301	Uniform	Global Y	-3.2200			0.0000	0.0000
302	Uniform	Global Y	-3.2200			0.0000	0.0000
303	Uniform	Global Y	-3.2200			0.0000	0.0000
304	Uniform	Global Y	-3.2200			0.0000	0.0000
305	Uniform	Global Y	-3.2200			0.0000	0.0000
306	Uniform	Global Y	-3.2200			0.0000	0.0000
307	Uniform	Global Y	-3.2200			0.0000	0.0000
308	Uniform	Global Y	-3.2200			0.0000	0.0000
309	Uniform	Global Y	-3.2200			0.0000	0.0000
310	Uniform	Global Y	-3.2200			0.0000	0.0000
311	Uniform	Global Y	-3.2200			0.0000	0.0000
312	Uniform	Global Y	-3.2200			0.0000	0.0000
313	Uniform	Global Y	-3.2200			0.0000	0.0000
314	Uniform	Global Y	-3.2200			0.0000	0.0000
315	Uniform	Global Y	-3.2200			0.0000	0.0000
316	Uniform	Global Y	-3.2200			0.0000	0.0000
317	Uniform	Global Y	-3.2200			0.0000	0.0000
318	Uniform	Global Y	-3.2200			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (m-ton or m-ton/m²)	Relative X Location (x/TL)	Relative Y Location (y/TL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
319	Uniform	Global Y	-3.2200			0.0000	0.0000
320	Uniform	Global Y	-3.2200			0.0000	0.0000
281	Uniform	Global Y	-3.5500			0.0000	0.0000
282	Uniform	Global Y	-3.5500			0.0000	0.0000
283	Uniform	Global Y	-3.5500			0.0000	0.0000
284	Uniform	Global Y	-3.5500			0.0000	0.0000
285	Uniform	Global Y	-3.5500			0.0000	0.0000
286	Uniform	Global Y	-3.5500			0.0000	0.0000
287	Uniform	Global Y	-3.5500			0.0000	0.0000
288	Uniform	Global Y	-3.5500			0.0000	0.0000
289	Uniform	Global Y	-3.5500			0.0000	0.0000
290	Uniform	Global Y	-3.5500			0.0000	0.0000
291	Uniform	Global Y	-3.5500			0.0000	0.0000
292	Uniform	Global Y	-3.5500			0.0000	0.0000
293	Uniform	Global Y	-3.5500			0.0000	0.0000
294	Uniform	Global Y	-3.5500			0.0000	0.0000
295	Uniform	Global Y	-3.5500			0.0000	0.0000
296	Uniform	Global Y	-3.5500			0.0000	0.0000
297	Uniform	Global Y	-3.5500			0.0000	0.0000
298	Uniform	Global Y	-3.5500			0.0000	0.0000
299	Uniform	Global Y	-3.5500			0.0000	0.0000
300	Uniform	Global Y	-3.5500			0.0000	0.0000
261	Uniform	Global Y	-3.8800			0.0000	0.0000
262	Uniform	Global Y	-3.8800			0.0000	0.0000
263	Uniform	Global Y	-3.8800			0.0000	0.0000
264	Uniform	Global Y	-3.8800			0.0000	0.0000
265	Uniform	Global Y	-3.8800			0.0000	0.0000
266	Uniform	Global Y	-3.8800			0.0000	0.0000
267	Uniform	Global Y	-3.8800			0.0000	0.0000
268	Uniform	Global Y	-3.8800			0.0000	0.0000
269	Uniform	Global Y	-3.8800			0.0000	0.0000
270	Uniform	Global Y	-3.8800			0.0000	0.0000
271	Uniform	Global Y	-3.8800			0.0000	0.0000
272	Uniform	Global Y	-3.8800			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (ton/m or ton/m²)	Relative X Location (x/TL)	Relative Y Location (y/TL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
273	Uniform	Global Y	-3.8800			0.0000	0.0000
274	Uniform	Global Y	-3.8800			0.0000	0.0000
275	Uniform	Global Y	-3.8800			0.0000	0.0000
276	Uniform	Global Y	-3.8800			0.0000	0.0000
277	Uniform	Global Y	-3.8800			0.0000	0.0000
278	Uniform	Global Y	-3.8800			0.0000	0.0000
279	Uniform	Global Y	-3.8800			0.0000	0.0000
280	Uniform	Global Y	-3.8800			0.0000	0.0000
241	Uniform	Global Y	-4.2200			0.0000	0.0000
242	Uniform	Global Y	-4.2200			0.0000	0.0000
243	Uniform	Global Y	-4.2200			0.0000	0.0000
244	Uniform	Global Y	-4.2200			0.0000	0.0000
245	Uniform	Global Y	-4.2200			0.0000	0.0000
246	Uniform	Global Y	-4.2200			0.0000	0.0000
247	Uniform	Global Y	-4.2200			0.0000	0.0000
248	Uniform	Global Y	-4.2200			0.0000	0.0000
249	Uniform	Global Y	-4.2200			0.0000	0.0000
250	Uniform	Global Y	-4.2200			0.0000	0.0000
251	Uniform	Global Y	-4.2200			0.0000	0.0000
252	Uniform	Global Y	-4.2200			0.0000	0.0000
253	Uniform	Global Y	-4.2200			0.0000	0.0000
254	Uniform	Global Y	-4.2200			0.0000	0.0000
255	Uniform	Global Y	-4.2200			0.0000	0.0000
256	Uniform	Global Y	-4.2200			0.0000	0.0000
257	Uniform	Global Y	-4.2200			0.0000	0.0000
258	Uniform	Global Y	-4.2200			0.0000	0.0000
259	Uniform	Global Y	-4.2200			0.0000	0.0000
260	Uniform	Global Y	-4.2200			0.0000	0.0000
221	Uniform	Global Y	-4.5600			0.0000	0.0000
222	Uniform	Global Y	-4.5600			0.0000	0.0000
223	Uniform	Global Y	-4.5600			0.0000	0.0000
224	Uniform	Global Y	-4.5600			0.0000	0.0000
225	Uniform	Global Y	-4.5600			0.0000	0.0000
226	Uniform	Global Y	-4.5600			0.0000	0.0000

LOAD CASE EARTH-SISMO, Plate Loads

Plate	Type	Direction	Load (ton/m or ton/m²)	Relative X Location (x/TL)	Relative Y Location (y/TL)	Uniform Temperature Change (°C)	Temperature Gradient (°C/m)
227	Uniform	Global Y	-4.5600			0.0000	0.0000
228	Uniform	Global Y	-4.5600			0.0000	0.0000
229	Uniform	Global Y	-4.5600			0.0000	0.0000
230	Uniform	Global Y	-4.5600			0.0000	0.0000
231	Uniform	Global Y	-4.5600			0.0000	0.0000
232	Uniform	Global Y	-4.5600			0.0000	0.0000
233	Uniform	Global Y	-4.5600			0.0000	0.0000
234	Uniform	Global Y	-4.5600			0.0000	0.0000
235	Uniform	Global Y	-4.5600			0.0000	0.0000
236	Uniform	Global Y	-4.5600			0.0000	0.0000
237	Uniform	Global Y	-4.5600			0.0000	0.0000
238	Uniform	Global Y	-4.5600			0.0000	0.0000
239	Uniform	Global Y	-4.5600			0.0000	0.0000
240	Uniform	Global Y	-4.5600			0.0000	0.0000
201	Uniform	Global Y	-4.8900			0.0000	0.0000
202	Uniform	Global Y	-4.8900			0.0000	0.0000
203	Uniform	Global Y	-4.8900			0.0000	0.0000
204	Uniform	Global Y	-4.8900			0.0000	0.0000
205	Uniform	Global Y	-4.8900			0.0000	0.0000
206	Uniform	Global Y	-4.8900			0.0000	0.0000
207	Uniform	Global Y	-4.8900			0.0000	0.0000
208	Uniform	Global Y	-4.8900			0.0000	0.0000
209	Uniform	Global Y	-4.8900			0.0000	0.0000
210	Uniform	Global Y	-4.8900			0.0000	0.0000
211	Uniform	Global Y	-4.8900			0.0000	0.0000
212	Uniform	Global Y	-4.8900			0.0000	0.0000
213	Uniform	Global Y	-4.8900			0.0000	0.0000
214	Uniform	Global Y	-4.8900			0.0000	0.0000
215	Uniform	Global Y	-4.8900			0.0000	0.0000
216	Uniform	Global Y	-4.8900			0.0000	0.0000
217	Uniform	Global Y	-4.8900			0.0000	0.0000
218	Uniform	Global Y	-4.8900			0.0000	0.0000
219	Uniform	Global Y	-4.8900			0.0000	0.0000
220	Uniform	Global Y	-4.8900			0.0000	0.0000

LOAD COMBINATION AASHTO-I

Load Case	Factor
DL	1,30
DL-EARTH	1,30
LL	2,67
CF	1,30
EARTH	1,69

LOAD COMBINATION AASHTO-II

Load Case	Factor
DL	1,30
DL-EARTH	1,30
W	1,30
EARTH	1,69

LOAD COMBINATION AASHTO-III

Load Case	Factor
DL	1,30
DL-EARTH	1,30
LL	1,67
CF	1,30
LF	1,30
W	0,39
W+LL	1,30
EARTH	1,69

LOAD COMBINATION AASHTO-VIIA

Load Case	Factor
DL	1,30

LOAD COMBINATION AASHTO-VIIA

Load Case	Factor
DL-EARTH	1,30
EQ-T	1,30
EQ-L	0,39
EARTH-SISMO	1,69

LOAD COMBINATION AASHTO-VIIB

Load Case	Factor
DL	1,30
DL-EARTH	1,30
EQ-T	0,39
EQ-L	1,30
EARTH-SISMO	1,69

LOAD COMBINATION AASHTO-VIIC

Load Case	Factor
DL	0,99
DL-EARTH	0,99
EQ-T	1,30
EQ-L	0,39
EARTH-SISMO	1,69

LOAD COMBINATION AASHTO-VIID

Load Case	Factor
DL	0,99
DL-EARTH	0,99
EQ-T	0,39
EQ-L	1,30
EARTH-SISMO	1,69

LOAD COMBINATION AASHTO-I-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
LL	1.00
CF	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-II-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
W	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-III-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
LL	1.00
CF	1.00
LF	1.00
W	0.30
WorkLL	1.00
EARTH	1.00

LOAD COMBINATION AASHTO-VIIA-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00

LOAD COMBINATION AASHTO-VIIA-S

Load Case	Factor
EQ-T	1.00
EQ-L	0.30
EARTH-SISMO	1.00

LOAD COMBINATION AASHTO-VIIB-S

Load Case	Factor
DL	1.00
DL-EARTH	1.00
EQ-T	0.30
EQ-L	1.00
EARTH-SISMO	1.00

Result Cases Summary

Load Combinations: AASHTO-I
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-II
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-III
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIIA
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIIB
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIIC
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIID
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO4-S
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-S-S
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-IS-S
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIIA-S
Solved: 16/01/2009

Load Class: None

Load Combinations: AASHTO-VIIB-S
Solved: 16/01/2009

Load Class: None

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
558	AASHTO-I	1,3197	-52,4186	-25,3245	0,0041	0,0004	-0,0007
558	AASHTO-II	1,1617	-32,7521	-24,4595	0,0042	0,0001	-0,0001
558	AASHTO-III	1,4445	-35,5743	-26,1811	0,0046	0,0003	-0,0005
558	AASHTO-VIIA	4,1579	-41,2037	-25,9579	0,0052	0,0004	0,0003
558	AASHTO-VIIB	1,2130	-50,9215	-30,7623	0,0065	0,0002	-0,0001
558	AASHTO-VIIC	4,1537	-42,2523	-23,2139	0,0055	0,0004	0,0004
558	AASHTO-VIID	1,2124	-52,1985	-28,0422	0,0067	0,0002	-0,0001
558	AASHTO4-S	0,4625	-17,9018	-16,6803	0,0022	0,0002	-0,0002
558	AASHTO-II-S	0,8061	-18,2218	-16,2139	0,0022	0,0001	0,0000
558	AASHTO-III-S	1,0082	-19,7699	-17,3382	0,0025	0,0002	-0,0002
558	AASHTO-VIIA-S	3,1968	-21,8335	-16,6282	0,0028	0,0003	0,0001
558	AASHTO-VIIB-S	0,9346	-26,0094	-19,6429	0,0035	0,0001	0,0000
564	AASHTO-I	1,4267	-52,8058	-8,8657	0,0043	0,0003	-0,0002
564	AASHTO-II	1,1836	-32,7915	-3,0959	0,0042	0,0001	0,0002
564	AASHTO-III	1,5321	-35,7259	-4,1966	0,0047	0,0002	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
564	AASHTO-VIIA	4,2109	-41,1254	-1,3592	0,0053	0,0003	0,0005
564	AASHTO-VIIB	1,2370	-50,9637	3,0179	0,0065	0,0001	0,0003
564	AASHTO-VIIC	4,2020	-42,3422	2,7861	0,0059	0,0003	0,0005
564	AASHTO-VIID	1,2346	-52,2442	7,1634	0,0068	0,0001	0,0002
564	AASHTO4-S	0,5285	-17,9511	-6,2419	0,0023	0,0001	0,0000
564	AASHTO-II-S	0,9107	-18,2373	-4,9130	0,0023	0,0000	0,0001
564	AASHTO-III-S	1,0470	-19,8269	-5,5259	0,0026	0,0001	0,0000
564	AASHTO-VIIA-S	3,2233	-21,8736	-4,2822	0,0029	0,0002	0,0002
564	AASHTO-VIIB-S	0,9488	-26,0268	-1,5316	0,0036	0,0001	0,0001
565	AASHTO-I	1,3459	-52,4202	-20,4211	0,0041	0,0004	-0,0006
565	AASHTO-II	1,1687	-32,7537	-19,5083	0,0041	0,0001	-0,0001
565	AASHTO-III	1,4684	-35,5759	-20,6616	0,0046	0,0003	-0,0004
565	AASHTO-VIIA	4,1742	-41,2051	-19,6997	0,0052	0,0004	0,0002
565	AASHTO-VIIB	1,2270	-50,9234	-23,0344	0,0064	0,0001	-0,0001
565	AASHTO-VIIC	4,1706	-42,2537	-19,6392	0,0055	0,0004	0,0003
565	AASHTO-VIID	1,2276	-52,2004	-19,9758	0,0067	0,0001	-0,0001
565	AASHTO4-S	0,4992	-17,9028	-14,0858	0,0022	0,0002	-0,0002
565	AASHTO-II-S	0,8895	-18,2225	-13,9572	0,0022	0,0001	0,0000
565	AASHTO-III-S	1,0174	-19,7678	-14,3255	0,0025	0,0002	-0,0002
565	AASHTO-VIIA-S	3,2046	-21,8343	-13,2988	0,0028	0,0003	0,0001
565	AASHTO-VIIB-S	0,9430	-26,0095	-15,4685	0,0035	0,0001	0,0000
566	AASHTO-I	1,3162	-52,4463	-25,8624	0,0041	0,0005	-0,0007
566	AASHTO-II	1,1583	-32,7634	-24,8882	0,0042	0,0002	-0,0001
566	AASHTO-III	1,4409	-35,6000	-26,5994	0,0046	0,0004	-0,0005
566	AASHTO-VIIA	4,1542	-41,2535	-26,4682	0,0053	0,0004	0,0003
566	AASHTO-VIIB	1,2088	-50,9401	-30,9895	0,0065	0,0002	-0,0001
566	AASHTO-VIIC	4,1500	-42,2725	-23,7303	0,0055	0,0004	0,0004
566	AASHTO-VIID	1,2082	-52,2186	-28,2579	0,0068	0,0002	0,0000
566	AASHTO4-S	0,4904	-17,9109	-16,8003	0,0022	0,0002	-0,0002
566	AASHTO-II-S	0,8940	-18,2271	-16,3709	0,0022	0,0001	0,0000
566	AASHTO-III-S	1,0080	-19,7786	-17,8381	0,0025	0,0003	-0,0002
566	AASHTO-VIIA-S	3,1946	-21,8435	-17,0295	0,0028	0,0003	0,0001
566	AASHTO-VIIB-S	0,9322	-26,0196	-19,8127	0,0035	0,0002	0,0000
567	AASHTO-I	1,3183	-52,4312	-25,5867	0,0041	0,0004	-0,0007

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
567	AASHTO-II	1,1604	-32,7580	-24,5581	0,0042	0,0002	-0,0001
567	AASHTO-III	1,4431	-35,5958	-26,3732	0,0046	0,0004	-0,0005
567	AASHTO-VIIA	4,1595	-41,5421	-29,1957	0,0052	0,0004	0,0003
567	AASHTO-VIIB	1,2113	-50,9292	-30,8681	0,0065	0,0002	-0,0001
567	AASHTO-VIIC	4,1523	-42,2610	-23,4898	0,0055	0,0004	0,0004
567	AASHTO-VIID	1,2107	-52,2067	-28,1431	0,0068	0,0002	-0,0001
567	AASHTO-I-S	0,4916	-17,9055	-16,7882	0,0022	0,0002	-0,0002
567	AASHTO-II-S	0,8853	-18,2236	-16,2891	0,0022	0,0001	0,0000
567	AASHTO-III-S	1,0073	-19,7719	-17,4782	0,0025	0,0002	-0,0002
567	AASHTO-VIIA-S	3,1990	-21,8378	-19,6246	0,0028	0,0003	0,0001
567	AASHTO-VIIB-S	0,9039	-26,0130	-19,7223	0,0035	0,0001	0,0000
568	AASHTO-I	1,3218	-32,4188	-22,8632	0,0041	0,0004	-0,0007
568	AASHTO-II	1,1651	-32,7533	-21,9737	0,0041	0,0001	-0,0001
568	AASHTO-III	1,4554	-35,5796	-23,4013	0,0046	0,0003	-0,0005
568	AASHTO-VIIA	4,1658	-41,5348	-22,8081	0,0052	0,0004	0,0003
568	AASHTO-VIIB	1,2199	-50,9230	-26,8863	0,0065	0,0002	-0,0001
568	AASHTO-VIIC	4,1618	-42,2535	-19,9171	0,0055	0,0004	0,0004
568	AASHTO-VIID	1,2186	-52,2000	-23,8982	0,0067	0,0001	-0,0001
568	AASHTO-I-S	0,4956	-17,9025	-15,3799	0,0022	0,0002	-0,0002
568	AASHTO-II-S	0,8977	-18,2229	-14,8801	0,0022	0,0001	0,0000
568	AASHTO-III-S	1,0128	-19,7676	-15,8251	0,0025	0,0002	-0,0002
568	AASHTO-VIIA-S	3,2008	-21,8342	-14,9556	0,0028	0,0003	0,0001
568	AASHTO-VIIB-S	0,9089	-26,0093	-17,5469	0,0035	0,0001	0,0000
569	AASHTO-I	1,3328	-32,4306	-23,1049	0,0041	0,0004	-0,0007
569	AASHTO-II	1,1661	-32,7559	-22,0516	0,0042	0,0001	-0,0001
569	AASHTO-III	1,4565	-35,5852	-23,5923	0,0046	0,0003	-0,0005
569	AASHTO-VIIA	4,1668	-41,5416	-23,0457	0,0052	0,0004	0,0003
569	AASHTO-VIIB	1,2212	-50,9284	-26,9682	0,0065	0,0002	-0,0001
569	AASHTO-VIIC	4,1629	-42,2605	-20,1523	0,0055	0,0004	0,0004
569	AASHTO-VIID	1,2211	-52,2060	-24,0779	0,0068	0,0001	-0,0001
569	AASHTO-I-S	0,4965	-17,9052	-15,4706	0,0022	0,0002	-0,0002
569	AASHTO-II-S	0,8982	-18,2233	-14,9399	0,0022	0,0001	0,0000
569	AASHTO-III-S	1,0134	-19,7715	-15,9017	0,0025	0,0002	-0,0002
569	AASHTO-VIIA-S	3,2012	-21,8379	-15,1383	0,0028	0,0003	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
569	AASHTO-VIIB-S	0,9097	-26,0125	-17,6105	0,0035	0,0001	0,0000
572	AASHTO-I	1,4286	-32,4123	-8,5360	0,0042	0,0004	-0,0004
572	AASHTO-II	1,2077	-32,7480	-7,5560	0,0042	0,0001	0,0000
572	AASHTO-III	1,5446	-35,5692	-8,8174	0,0047	0,0003	-0,0003
572	AASHTO-VIIA	4,2375	-41,5310	-4,1080	0,0053	0,0004	0,0003
572	AASHTO-VIIB	1,2854	-50,9183	-3,7190	0,0065	0,0001	0,0000
572	AASHTO-VIIC	4,2326	-42,2513	-0,2735	0,0055	0,0004	0,0003
572	AASHTO-VIID	1,2863	-52,1970	0,1172	0,0068	0,0001	0,0001
572	AASHTO-I-S	0,5319	-17,8973	-7,4796	0,0023	0,0002	-0,0001
572	AASHTO-II-S	0,9228	-18,2180	-6,8167	0,0023	0,0001	0,0000
572	AASHTO-III-S	1,0563	-19,7627	-6,8843	0,0026	0,0002	-0,0001
572	AASHTO-VIIA-S	3,2393	-21,8311	-4,8188	0,0029	0,0003	0,0001
572	AASHTO-VIIB-S	0,9794	-26,0058	-4,9167	0,0036	0,0001	0,0000
574	AASHTO-I	1,3446	-32,4337	-20,6635	0,0041	0,0004	-0,0007
574	AASHTO-II	1,1693	-32,7586	-19,5757	0,0041	0,0001	-0,0001
574	AASHTO-III	1,4671	-35,5884	-20,9421	0,0046	0,0003	-0,0005
574	AASHTO-VIIA	4,1747	-41,5451	-19,9247	0,0052	0,0004	0,0003
574	AASHTO-VIIB	1,2277	-50,9323	-23,1026	0,0064	0,0001	-0,0001
574	AASHTO-VIIC	4,1711	-42,2640	-18,8631	0,0055	0,0004	0,0003
574	AASHTO-VIID	1,2265	-52,2099	-26,0434	0,0067	0,0001	-0,0001
574	AASHTO-I-S	0,4996	-17,9070	-14,1733	0,0022	0,0002	-0,0002
574	AASHTO-II-S	0,8999	-18,2251	-13,6096	0,0022	0,0001	0,0000
574	AASHTO-III-S	1,0178	-19,7734	-14,4449	0,0025	0,0002	-0,0002
574	AASHTO-VIIA-S	3,2048	-21,8393	-13,4709	0,0028	0,0003	0,0001
574	AASHTO-VIIB-S	0,9435	-26,0146	-15,5209	0,0035	0,0001	0,0000
575	AASHTO-I	1,3535	-32,4211	-18,4083	0,0041	0,0004	-0,0005
575	AASHTO-II	1,1714	-32,7546	-17,4701	0,0041	0,0001	-0,0001
575	AASHTO-III	1,4751	-35,5767	-18,8866	0,0046	0,0003	-0,0003
575	AASHTO-VIIA	4,1812	-41,5360	-17,1340	0,0052	0,0004	0,0002
575	AASHTO-VIIB	1,2324	-50,9242	-19,8517	0,0064	0,0001	-0,0001
575	AASHTO-VIIC	4,1780	-42,2547	-13,9304	0,0055	0,0004	0,0002
575	AASHTO-VIID	1,2336	-52,2013	-16,6490	0,0067	0,0001	-0,0001
575	AASHTO-I-S	0,5017	-17,9033	-13,0237	0,0022	0,0002	-0,0001
575	AASHTO-II-S	0,9007	-18,2230	-12,4688	0,0022	0,0001	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
570	AASHTO-BI-S	1.0209	-19.7682	-13.0896	0.0025	0.0002	-0.0001
575	AASHTO-VBA-S	3.2078	-21.8347	-11.9301	0.0028	0.0003	0.0001
575	AASHTO-VBB-S	0.9460	-26.0099	-13.7489	0.0039	0.0001	0.0000
579	AASHTO-I	1.3533	-32.4333	-16.8321	0.0041	0.0004	-0.0005
576	AASHTO-II	1.1711	-32.7583	-17.5361	0.0041	0.0001	-0.0001
576	AASHTO-III	1.4746	-35.5880	-18.5752	0.0046	0.0003	-0.0004
576	AASHTO-VIA	4.1808	-41.0447	-17.3523	0.0052	0.0004	0.0002
576	AASHTO-VIB	1.2320	-50.9317	-19.8115	0.0064	0.0001	-0.0001
576	AASHTO-VIC	4.1778	-42.2837	-14.1480	0.0055	0.0004	0.0002
576	AASHTO-VID	1.2332	-52.2094	-16.7098	0.0067	0.0001	-0.0001
576	AASHTO-I-S	0.5015	-17.9067	-13.1087	0.0022	0.0002	-0.0001
579	AASHTO-II-S	0.9006	-18.2248	-12.5170	0.0022	0.0001	0.0000
579	AASHTO-III-S	1.0297	-19.7730	-13.2042	0.0025	0.0002	-0.0001
576	AASHTO-VIIA-S	3.2077	-21.8390	-12.0998	0.0029	0.0003	0.0001
576	AASHTO-VIIB-S	0.9458	-26.0144	-13.7972	0.0035	0.0001	0.0000
579	AASHTO-I	1.3636	-32.4157	-16.3928	0.0041	0.0004	-0.0003
578	AASHTO-II	1.1746	-32.7525	-15.4480	0.0041	0.0001	-0.0001
578	AASHTO-III	1.4644	-35.5745	-16.1480	0.0046	0.0003	-0.0002
578	AASHTO-VIIA	4.1690	-41.0338	-14.5766	0.0052	0.0004	0.0001
578	AASHTO-VIIB	1.2386	-50.9208	-19.8761	0.0064	0.0001	-0.0001
578	AASHTO-VIIC	4.1662	-42.2527	-11.2298	0.0055	0.0004	0.0001
578	AASHTO-VIID	1.2406	-52.1981	-13.3299	0.0067	0.0001	-0.0001
578	AASHTO-I-S	0.5043	-17.9018	-11.9633	0.0023	0.0002	-0.0001
578	AASHTO-II-S	0.9022	-18.2218	-11.3822	0.0023	0.0001	0.0000
578	AASHTO-III-S	1.0246	-19.7663	-11.9539	0.0025	0.0002	-0.0001
579	AASHTO-VIIA-S	3.2118	-21.8332	-10.5998	0.0029	0.0003	0.0000
578	AASHTO-VIIB-S	0.9496	-26.0075	-12.0323	0.0035	0.0001	-0.0001
579	AASHTO-I	1.3644	-32.4061	-16.6340	0.0041	0.0004	-0.0003
579	AASHTO-II	1.1755	-32.7513	-15.5196	0.0041	0.0001	-0.0001
579	AASHTO-III	1.4653	-35.5909	-16.3279	0.0046	0.0003	-0.0002
579	AASHTO-VIIA	4.1902	-41.0484	-14.8064	0.0052	0.0004	0.0001
579	AASHTO-VIIB	1.2397	-50.9353	-19.7505	0.0065	0.0001	-0.0001
579	AASHTO-VIIC	4.1875	-42.2675	-11.4574	0.0055	0.0004	0.0001
579	AASHTO-VIID	1.2417	-52.2132	-13.4022	0.0067	0.0001	-0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
579	AASHTO-I-S	0.5048	-17.9083	-12.0501	0.0022	0.0002	-0.0001
579	AASHTO-II-S	0.9028	-18.2295	-11.4382	0.0022	0.0001	0.0000
579	AASHTO-III-S	1.0252	-19.7746	-11.9780	0.0025	0.0002	-0.0001
579	AASHTO-VIIA-S	3.2139	-21.8411	-10.7436	0.0029	0.0003	0.0000
579	AASHTO-VIIB-S	0.9503	-26.0185	-12.0900	0.0035	0.0001	0.0000
581	AASHTO-I	1.3736	-32.4151	-14.8702	0.0042	0.0004	-0.0001
581	AASHTO-II	1.1795	-32.7494	-13.8135	0.0042	0.0001	-0.0001
581	AASHTO-III	1.4642	-35.5808	-14.4227	0.0047	0.0003	-0.0001
581	AASHTO-VIIA	4.1977	-41.0305	-12.6491	0.0053	0.0004	-0.0001
581	AASHTO-VIIB	1.2466	-50.9157	-14.2835	0.0065	0.0001	-0.0001
581	AASHTO-VIIC	4.1955	-42.2499	-9.1978	0.0055	0.0004	-0.0001
581	AASHTO-VIID	1.2485	-52.1935	-10.8321	0.0068	0.0001	-0.0001
581	AASHTO-I-S	0.5076	-17.8994	-11.1568	0.0022	0.0002	-0.0001
581	AASHTO-II-S	0.9047	-18.2194	-10.5582	0.0023	0.0001	0.0000
581	AASHTO-III-S	1.0292	-19.7634	-10.9172	0.0026	0.0002	-0.0001
581	AASHTO-VIIA-S	3.2163	-21.8309	-9.5366	0.0029	0.0003	-0.0001
581	AASHTO-VIIB-S	0.9544	-26.0039	-10.7353	0.0036	0.0001	-0.0001
584	AASHTO-I	1.3980	-32.4140	-12.2506	0.0042	0.0004	-0.0002
584	AASHTO-II	1.1936	-32.7493	-11.2813	0.0042	0.0001	0.0000
584	AASHTO-III	1.5170	-35.5703	-11.5088	0.0047	0.0003	-0.0001
584	AASHTO-VIIA	4.2170	-41.0320	-9.3859	0.0053	0.0004	0.0000
584	AASHTO-VIIB	1.2660	-50.9188	-10.2218	0.0065	0.0001	-0.0001
584	AASHTO-VIIC	4.2135	-42.2521	-5.7626	0.0055	0.0004	0.0001
584	AASHTO-VIID	1.2678	-52.1971	-6.8181	0.0068	0.0001	0.0000
584	AASHTO-I-S	0.5190	-17.8984	-6.7501	0.0023	0.0002	-0.0001
584	AASHTO-II-S	0.9137	-18.2189	-6.1254	0.0023	0.0001	0.0000
584	AASHTO-III-S	1.0418	-19.7634	-6.2942	0.0026	0.0002	-0.0001
584	AASHTO-VIIA-S	3.2278	-21.8317	-7.7830	0.0029	0.0003	0.0000
584	AASHTO-VIIB-S	0.9668	-26.0057	-8.5136	0.0036	0.0001	0.0000
585	AASHTO-I	1.3970	-32.4040	-12.4992	0.0042	0.0004	-0.0002
585	AASHTO-II	1.1927	-32.7506	-11.3836	0.0042	0.0001	0.0000
585	AASHTO-III	1.5161	-35.5891	-11.7038	0.0047	0.0003	-0.0001
585	AASHTO-VIIA	4.2161	-41.0475	-9.6027	0.0053	0.0004	0.0000
585	AASHTO-VIIB	1.2650	-50.9339	-10.3035	0.0065	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
585	AASHTO-VRC	4,2127	-42,2667	-5,9970	0,0055	0,0004	0,0001
585	AASHTO-VRD	1,2868	-52,2125	-6,6964	0,0068	0,0001	0,0000
585	AASHTO4-S	0,5183	-17,9070	-6,6489	0,0023	0,0002	-0,0001
585	AASHTO-BI-S	0,9132	-19,2255	-8,1883	0,0023	0,0001	0,0000
585	AASHTO-BI-S	1,0412	-19,7734	-8,4235	0,0029	0,0002	-0,0001
585	AASHTO-VBA-S	3,2271	-21,8405	-7,9453	0,0028	0,0003	0,0000
585	AASHTO-VBB-S	0,9662	-26,0155	-8,5758	0,0036	0,0001	0,0000
587	AASHTO4	1,4136	-32,4137	-10,1472	0,0042	0,0004	-0,0003
587	AASHTO-B	1,2009	-52,7493	-8,1714	0,0042	0,0001	0,0000
587	AASHTO-BI	1,5311	-35,5704	-8,1861	0,0047	0,0003	-0,0002
587	AASHTO-VBA	4,2275	-41,2025	-6,7388	0,0053	0,0004	0,0002
587	AASHTO-VBB	1,2760	-52,9195	-6,9737	0,0065	0,0001	0,0000
587	AASHTO-VRC	4,2232	-42,2529	-3,0202	0,0055	0,0004	0,0002
587	AASHTO-VRD	1,2773	-52,1982	-3,2531	0,0067	0,0001	0,0000
587	AASHTO4-S	0,5256	-17,8881	-6,6174	0,0023	0,0002	-0,0001
587	AASHTO-BI-S	0,9185	-19,2188	-7,9730	0,0023	0,0001	0,0000
587	AASHTO-BI-S	1,0493	-19,7634	-7,9911	0,0026	0,0002	-0,0001
587	AASHTO-VBA-S	3,2336	-21,8320	-6,3422	0,0028	0,0003	0,0001
587	AASHTO-VBB-S	0,9733	-26,0083	-6,7964	0,0036	0,0001	0,0000
588	AASHTO4	1,4140	-32,4308	-10,3921	0,0042	0,0004	-0,0003
588	AASHTO-B	1,2013	-52,7568	-8,2529	0,0042	0,0001	0,0000
588	AASHTO-BI	1,5315	-35,5881	-8,3586	0,0047	0,0003	-0,0002
588	AASHTO-VBA	4,2278	-41,2443	-6,8783	0,0053	0,0004	0,0002
588	AASHTO-VBB	1,2765	-53,0306	-7,0959	0,0065	0,0001	0,0000
588	AASHTO-VRC	4,2235	-42,2938	-3,2569	0,0055	0,0004	0,0002
588	AASHTO-VRD	1,2777	-52,2089	-3,3331	0,0068	0,0001	0,0000
588	AASHTO4-S	0,5258	-17,9050	-6,7132	0,0023	0,0002	-0,0001
588	AASHTO-BI-S	0,9187	-19,2237	-8,0341	0,0023	0,0001	0,0000
589	AASHTO-BI-S	1,0495	-19,7716	-8,1178	0,0029	0,0002	-0,0001
588	AASHTO-VBA-S	3,2336	-21,8387	-6,5240	0,0028	0,0003	0,0001
588	AASHTO-VBB-S	0,9736	-26,0136	-6,7970	0,0036	0,0001	0,0000
591	AASHTO4	1,4629	-32,4110	-2,9643	0,0042	0,0004	-0,0005
591	AASHTO-B	1,2228	-52,7485	-1,9763	0,0042	0,0002	0,0000
591	AASHTO-BI	1,5757	-35,5878	-1,1749	0,0047	0,0003	-0,0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
591	AASHTO-VBA	4,2516	-41,2290	2,2183	0,0053	0,0004	0,0003
591	AASHTO-VBB	1,3075	-52,9165	4,1103	0,0065	0,0001	0,0000
591	AASHTO-VRC	4,2552	-42,2493	5,3374	0,0055	0,0004	0,0004
591	AASHTO-VRD	1,3075	-52,1952	6,2324	0,0066	0,0001	0,0001
591	AASHTO4-S	0,5458	-17,8985	-4,7536	0,0023	0,0002	-0,0001
591	AASHTO-BI-S	0,9324	-19,2172	-4,9465	0,0023	0,0001	0,0000
591	AASHTO-BI-S	1,0724	-19,7619	-5,0510	0,0026	0,0002	-0,0001
591	AASHTO-VBA-S	3,2529	-21,8298	-1,5041	0,0028	0,0003	0,0001
591	AASHTO-VBB-S	0,9837	-26,0045	-0,6847	0,0036	0,0001	0,0000
593	AASHTO4	1,4283	-32,4306	-8,2820	0,0042	0,0004	-0,0005
593	AASHTO-B	1,2072	-52,7586	-7,1384	0,0042	0,0001	0,0000
593	AASHTO-BI	1,5442	-35,5858	-7,0102	0,0047	0,0003	-0,0003
593	AASHTO-VBA	4,2369	-41,2441	-4,5464	0,0053	0,0004	0,0003
593	AASHTO-VBB	1,2849	-52,9307	-3,7997	0,0065	0,0001	0,0000
593	AASHTO-VRC	4,2319	-42,2837	-0,5083	0,0055	0,0004	0,0004
593	AASHTO-VRD	1,2856	-52,2090	0,0400	0,0068	0,0001	0,0001
593	AASHTO4-S	0,5316	-17,9046	-7,5775	0,0023	0,0002	-0,0001
593	AASHTO-BI-S	0,9226	-19,2235	-6,8799	0,0023	0,0001	0,0000
593	AASHTO-BI-S	1,0561	-19,7714	-6,8120	0,0026	0,0002	-0,0001
593	AASHTO-VBA-S	3,2389	-21,8385	-6,1012	0,0028	0,0003	0,0001
593	AASHTO-VBB-S	0,9791	-26,0136	-6,0175	0,0036	0,0001	0,0000
594	AASHTO4	1,4481	-32,4118	-6,4965	0,0042	0,0004	-0,0005
594	AASHTO-B	1,2155	-52,7476	-4,5155	0,0042	0,0001	0,0000
594	AASHTO-BI	1,5605	-35,5888	-3,9959	0,0047	0,0003	-0,0003
594	AASHTO-VBA	4,2467	-41,2353	-2,9456	0,0053	0,0004	0,0003
594	AASHTO-VBB	1,2967	-52,9178	0,1940	0,0065	0,0001	0,0000
594	AASHTO-VRC	4,2440	-42,2506	3,0298	0,0055	0,0004	0,0004
594	AASHTO-VRD	1,2971	-52,1985	4,1717	0,0068	0,0001	0,0001
594	AASHTO4-S	0,5369	-17,8971	-6,1152	0,0023	0,0002	-0,0001
594	AASHTO-BI-S	0,9278	-19,2179	-5,4302	0,0023	0,0001	0,0000
594	AASHTO-BI-S	1,0646	-19,7625	-5,1188	0,0026	0,0002	-0,0001
594	AASHTO-VBA-S	3,2462	-21,8306	-3,2108	0,0028	0,0003	0,0001
594	AASHTO-VBB-S	0,9807	-26,0053	-2,8205	0,0036	0,0001	0,0000
596	AASHTO4	1,4454	-32,4277	-5,7476	0,0042	0,0004	-0,0005

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
595	AASHTO-I	1.2147	-32.7537	-4.5009	0.0042	0.0002	0.0000
595	AASHTO-III	1.5597	-35.5830	-4.1900	0.0047	0.0003	-0.0003
595	AASHTO-VIIA	4.2487	-41.0408	-1.1960	0.0053	0.0004	0.0003
595	AASHTO-VIIB	1.2956	-50.8272	5.1134	0.0065	0.0001	0.0000
595	AASHTO-VIIC	4.2430	-42.2804	2.7952	0.0055	0.0004	0.0004
595	AASHTO-VIID	1.2560	-52.2058	4.0966	0.0068	0.0001	0.0001
595	AASHTO-I-S	0.5365	-17.9031	-6.2157	0.0023	0.0002	-0.0001
595	AASHTO-II-S	0.9273	-19.2219	-5.4963	0.0023	0.0001	0.0000
595	AASHTO-III-S	1.0641	-19.7697	-5.2464	0.0026	0.0002	-0.0001
595	AASHTO-VIIA-S	3.2458	-21.8365	-3.3960	0.0029	0.0003	0.0001
595	AASHTO-VIIB-S	0.9661	-26.0115	-2.6826	0.0036	0.0001	0.0000
597	AASHTO-I	1.4639	-32.4281	-3.2185	0.0042	0.0004	-0.0005
597	AASHTO-II	1.2239	-32.7541	-2.0675	0.0042	0.0002	0.0000
597	AASHTO-III	1.5789	-35.5834	-1.3740	0.0047	0.0003	-0.0003
597	AASHTO-VIIA	4.2630	-41.0414	1.8751	0.0053	0.0004	0.0003
597	AASHTO-VIIB	1.3088	-50.8278	4.0262	0.0065	0.0001	0.0001
597	AASHTO-VIIC	4.2567	-42.2810	6.1039	0.0055	0.0004	0.0004
597	AASHTO-VIID	1.3090	-52.2062	8.1597	0.0069	0.0001	0.0001
597	AASHTO-I-E	0.5462	-17.9034	-4.8610	0.0023	0.0002	-0.0001
597	AASHTO-II-S	0.9331	-19.2220	-4.1188	0.0023	0.0001	0.0000
597	AASHTO-III-S	1.0731	-19.7699	-3.8866	0.0026	0.0002	-0.0001
597	AASHTO-VIIA-S	3.2539	-21.8369	-1.6935	0.0029	0.0003	0.0001
597	AASHTO-VIIB-S	0.9846	-26.0119	-0.7504	0.0036	0.0001	0.0000
598	AASHTO-I	1.5462	-32.4359	-20.8626	0.0042	0.0004	-0.0006
598	AASHTO-II	1.1764	-32.7520	-19.5672	0.0043	0.0002	-0.0001
598	AASHTO-III	1.4689	-35.5802	-20.6397	0.0047	0.0004	-0.0006
598	AASHTO-VIIA	4.1748	-41.0417	-20.0732	0.0054	0.0005	0.0004
598	AASHTO-VIIB	1.2293	-50.8289	-23.0600	0.0066	0.0002	-0.0001
598	AASHTO-VIIC	4.1711	-42.2807	-17.0214	0.0056	0.0005	0.0005
598	AASHTO-VIID	1.2296	-52.2046	-20.0395	0.0069	0.0002	-0.0001
598	AASHTO-I-E	0.5007	-17.9046	-14.2052	0.0023	0.0002	-0.0002
598	AASHTO-II-S	0.9005	-19.2209	-13.8103	0.0023	0.0001	0.0000
598	AASHTO-III-S	1.0187	-19.7720	-14.5078	0.0026	0.0002	-0.0002
598	AASHTO-VIIA-S	3.2048	-21.8364	-13.5944	0.0029	0.0004	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
598	AASHTO-VIIB-S	0.9445	-26.0115	-15.5149	0.0036	0.0001	-0.0001
599	AASHTO-I	1.3896	-32.4047	-29.3592	0.0041	0.0003	-0.0005
599	AASHTO-II	1.2290	-32.7811	-25.6201	0.0042	0.0000	0.0002
599	AASHTO-III	1.5211	-35.7291	-29.2694	0.0048	0.0002	-0.0001
599	AASHTO-VIIA	4.2374	-41.1258	-29.6281	0.0052	0.0003	0.0007
599	AASHTO-VIIB	1.3125	-50.9630	-31.9379	0.0065	0.0000	0.0005
599	AASHTO-VIIC	4.2391	-42.3436	-26.6886	0.0055	0.0003	0.0007
599	AASHTO-VIID	1.3077	-52.3435	-29.2051	0.0068	0.0000	0.0005
599	AASHTO-I-S	0.5357	-17.9506	-18.2113	0.0022	0.0001	0.0000
599	AASHTO-II-S	0.9392	-19.2371	-17.1039	0.0022	0.0000	0.0001
599	AASHTO-III-S	1.0591	-19.8264	-18.3779	0.0025	0.0001	0.0000
599	AASHTO-VIIA-S	3.2484	-21.8748	-19.4592	0.0028	0.0002	0.0003
599	AASHTO-VIIB-S	1.0018	-26.0288	-20.5416	0.0035	0.0000	0.0002
600	AASHTO-I	1.3154	-32.4645	-26.1410	0.0041	0.0005	-0.0006
600	AASHTO-II	1.1575	-32.7722	-24.7640	0.0042	0.0002	0.0000
600	AASHTO-III	1.4402	-35.6174	-26.8305	0.0046	0.0004	-0.0004
600	AASHTO-VIIA	4.1535	-41.0666	-26.7335	0.0053	0.0005	0.0003
600	AASHTO-VIIB	1.2081	-50.9552	-31.1214	0.0065	0.0002	-0.0001
600	AASHTO-VIIC	4.1494	-42.2876	-23.5668	0.0055	0.0004	0.0005
600	AASHTO-VIID	1.2075	-52.2305	-26.3811	0.0068	0.0002	0.0000
600	AASHTO-I-S	0.4899	-17.9181	-17.0275	0.0022	0.0002	-0.0002
600	AASHTO-II-S	0.8936	-19.2328	-16.4580	0.0023	0.0002	0.0000
600	AASHTO-III-S	1.0057	-19.7673	-17.7648	0.0026	0.0003	-0.0002
600	AASHTO-VIIA-S	3.1944	-21.8517	-17.2313	0.0028	0.0003	0.0001
600	AASHTO-VIIB-S	0.9319	-26.0290	-19.9110	0.0035	0.0002	0.0000
601	AASHTO-I	1.3175	-32.4646	-26.4299	0.0041	0.0005	-0.0005
601	AASHTO-II	1.1595	-32.7839	-24.9952	0.0042	0.0002	0.0000
601	AASHTO-III	1.4428	-35.6368	-27.0679	0.0046	0.0004	-0.0003
601	AASHTO-VIIA	4.1560	-41.0859	-26.9996	0.0052	0.0005	0.0003
601	AASHTO-VIIB	1.2112	-50.9728	-31.2578	0.0065	0.0002	0.0000
601	AASHTO-VIIC	4.1518	-42.3048	-24.2453	0.0055	0.0004	0.0003
601	AASHTO-VIID	1.2105	-52.2512	-26.5079	0.0068	0.0002	0.0000
601	AASHTO-I-E	0.4912	-17.9295	-17.1542	0.0022	0.0002	-0.0001
601	AASHTO-II-S	0.8948	-19.2297	-16.5473	0.0022	0.0002	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
601	AASHTO-BB-S	1.0072	-19.7973	-17.9459	0.0025	0.0003	-0.0001
601	AASHTO-VBA-S	3.1060	-21.8614	-17.4322	0.0029	0.0003	0.0001
601	AASHTO-VBB-S	0.9340	-26.2398	-20.0130	0.0035	0.0002	0.0003
602	AASHTO-I	1.3230	-32.9231	-26.7099	0.0041	0.0005	-0.0004
602	AASHTO-II	1.1650	-32.7944	-25.9211	0.0042	0.0002	0.0000
602	AASHTO-III	1.4487	-35.8546	-27.3004	0.0046	0.0004	-0.0003
602	AASHTO-VIA	4.1627	-41.1017	-27.2568	0.0052	0.0004	0.0003
602	AASHTO-VIB	1.2189	-50.9691	-31.3695	0.0065	0.0002	0.0000
602	AASHTO-VIC	4.1582	-42.3205	-24.4937	0.0055	0.0004	0.0003
602	AASHTO-VID	1.2181	-52.2668	-28.6301	0.0068	0.0002	0.0000
602	AASHTO-I-S	0.4845	-17.9543	-17.2782	0.0022	0.0002	-0.0001
602	AASHTO-II-S	0.8983	-18.3458	-16.8336	0.0022	0.0001	0.0000
602	AASHTO-III-S	1.0110	-19.8064	-18.0994	0.0025	0.0003	-0.0001
602	AASHTO-VBA-S	3.2302	-21.8702	-17.8259	0.0029	0.0003	0.0001
602	AASHTO-VBB-S	0.9390	-26.0494	-20.1101	0.0035	0.0001	0.0000
603	AASHTO-I	1.3298	-32.5186	-26.9706	0.0041	0.0004	-0.0004
603	AASHTO-II	1.1718	-32.8014	-25.1191	0.0042	0.0001	0.0000
603	AASHTO-III	1.4590	-35.8690	-27.5103	0.0046	0.0003	-0.0003
603	AASHTO-VIA	4.1707	-41.1136	-27.4902	0.0052	0.0004	0.0003
603	AASHTO-VIB	1.2263	-50.9690	-31.4944	0.0065	0.0002	0.0000
603	AASHTO-VIC	4.1659	-42.3323	-24.7217	0.0055	0.0004	0.0003
603	AASHTO-VID	1.2272	-52.2779	-28.7308	0.0068	0.0001	0.0000
603	AASHTO-I-S	0.4967	-17.9401	-17.3674	0.0022	0.0002	-0.0001
603	AASHTO-II-S	0.9025	-18.2500	-16.7029	0.0022	0.0001	0.0000
603	AASHTO-III-S	1.0157	-19.8134	-18.2395	0.0025	0.0002	-0.0001
603	AASHTO-VBA-S	3.2053	-21.8767	-17.8024	0.0029	0.0001	0.0001
603	AASHTO-VBB-S	0.9452	-26.0561	-20.1889	0.0035	0.0001	0.0000
604	AASHTO-I	1.3371	-32.5316	-27.2051	0.0041	0.0004	-0.0004
604	AASHTO-II	1.1790	-32.8057	-25.1870	0.0042	0.0001	0.0000
604	AASHTO-III	1.4640	-35.8803	-27.6930	0.0046	0.0003	-0.0002
604	AASHTO-VIA	4.1792	-41.1221	-27.6679	0.0052	0.0003	0.0003
604	AASHTO-VIB	1.2385	-51.0059	-31.5714	0.0065	0.0001	0.0001
604	AASHTO-VIC	4.1741	-42.3407	-24.9279	0.0055	0.0003	0.0003
604	AASHTO-VID	1.2370	-52.2846	-28.8064	0.0068	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
604	AASHTO-I-S	0.5032	-17.9443	-17.4785	0.0022	0.0001	-0.0001
604	AASHTO-II-S	0.9070	-18.2525	-16.7562	0.0022	0.0001	0.0000
604	AASHTO-III-S	1.0208	-19.8186	-18.3582	0.0025	0.0002	-0.0001
604	AASHTO-VBA-S	3.2107	-21.8811	-17.9606	0.0029	0.0003	0.0001
604	AASHTO-VBB-S	0.9515	-26.0604	-20.2485	0.0035	0.0001	0.0000
605	AASHTO-I	1.3444	-32.5410	-27.4189	0.0041	0.0004	-0.0004
605	AASHTO-II	1.1861	-32.8065	-25.2384	0.0042	0.0001	0.0000
605	AASHTO-III	1.4718	-35.8880	-27.8539	0.0046	0.0003	-0.0002
605	AASHTO-VIA	4.1875	-41.1398	-27.8881	0.0053	0.0003	0.0003
605	AASHTO-VIB	1.2486	-51.0060	-31.8245	0.0065	0.0001	0.0001
605	AASHTO-VIC	4.1821	-42.3449	-25.1177	0.0055	0.0003	0.0004
605	AASHTO-VID	1.2467	-52.2871	-28.8613	0.0068	0.0001	0.0001
605	AASHTO-I-S	0.5078	-17.9485	-17.5547	0.0022	0.0001	-0.0001
605	AASHTO-II-S	0.9115	-18.2529	-16.7956	0.0023	0.0001	0.0000
605	AASHTO-III-S	1.0259	-19.8219	-18.4819	0.0026	0.0002	-0.0001
605	AASHTO-VBA-S	3.2181	-21.8831	-18.1048	0.0029	0.0002	0.0001
605	AASHTO-VBB-S	0.9599	-26.0618	-20.2885	0.0035	0.0001	0.0000
606	AASHTO-I	1.3494	-32.5487	-27.6245	0.0042	0.0004	-0.0004
606	AASHTO-II	1.1909	-32.8054	-25.2873	0.0042	0.0001	0.0001
606	AASHTO-III	1.4774	-35.8836	-28.0085	0.0047	0.0003	-0.0002
606	AASHTO-VIA	4.1934	-41.1256	-28.0738	0.0053	0.0003	0.0004
606	AASHTO-VIB	1.2558	-51.0073	-31.8735	0.0066	0.0001	0.0001
606	AASHTO-VIC	4.1876	-42.3467	-25.3076	0.0056	0.0003	0.0004
606	AASHTO-VID	1.2536	-52.2895	-28.9129	0.0068	0.0001	0.0002
606	AASHTO-I-S	0.5108	-17.9477	-17.6281	0.0022	0.0001	-0.0001
606	AASHTO-II-S	0.9147	-18.2522	-16.8333	0.0023	0.0001	0.0000
606	AASHTO-III-S	1.0295	-19.8233	-18.5826	0.0026	0.0002	-0.0001
606	AASHTO-VBA-S	3.2200	-21.8835	-18.2487	0.0029	0.0003	0.0002
606	AASHTO-VBB-S	0.9636	-26.0610	-20.3232	0.0036	0.0001	0.0001
607	AASHTO-I	1.3529	-32.5574	-27.8581	0.0042	0.0004	-0.0004
607	AASHTO-II	1.1940	-32.8053	-25.3418	0.0042	0.0001	0.0001
607	AASHTO-III	1.4813	-35.7003	-28.1702	0.0047	0.0003	-0.0002
607	AASHTO-VIA	4.1971	-41.1315	-28.2686	0.0053	0.0004	0.0004
607	AASHTO-VIB	1.2610	-51.0074	-31.7373	0.0066	0.0001	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
607	AASHTO-VIIC	4.1909	-42.3495	-25.5235	0.0056	0.0004	0.0005
607	AASHTO-VIID	1.2583	-52.2958	-28.9677	0.0068	0.0001	0.0002
607	AASHTO-II-E	0.5131	-17.8495	-17.7056	0.0022	0.0001	-0.0001
607	AASHTO-II-S	0.9189	-18.2521	-18.8753	0.0023	0.0001	0.0000
607	AASHTO-III-E	1.2322	-19.8256	-18.6679	0.0026	0.0002	-0.0001
607	AASHTO-VIIA-S	3.2226	-21.8545	-18.3665	0.0029	0.0003	0.0002
607	AASHTO-VIIB-S	0.9673	-26.0609	-20.3643	0.0036	0.0001	0.0001
608	AASHTO-I	1.3564	-32.5684	-28.0675	0.0042	0.0004	-0.0004
608	AASHTO-II	1.1872	-32.8075	-25.4067	0.0042	0.0001	0.0001
608	AASHTO-III	1.4851	-35.7091	-28.3471	0.0047	0.0003	-0.0002
608	AASHTO-VIIA	4.2010	-41.1370	-29.4763	0.0053	0.0004	0.0004
608	AASHTO-VIIB	1.2843	-51.0100	-31.7842	0.0066	0.0001	0.0002
608	AASHTO-VIIC	4.1943	-42.3549	-25.7096	0.0056	0.0004	0.0005
608	AASHTO-VIID	1.2932	-52.2806	-29.0333	0.0068	0.0001	0.0002
608	AASHTO-II-E	0.5153	-17.8627	-17.7536	0.0022	0.0002	-0.0001
608	AASHTO-II-S	0.9191	-18.2533	-18.8286	0.0023	0.0001	0.0000
608	AASHTO-III-S	1.2348	-19.8292	-18.7843	0.0026	0.0002	-0.0001
608	AASHTO-VIIA-S	3.2253	-21.8869	-18.5580	0.0029	0.0003	0.0002
608	AASHTO-VIIB-S	0.9711	-26.0620	-20.4159	0.0036	0.0001	0.0001
609	AASHTO-I	1.3615	-32.5806	-28.3039	0.0041	0.0004	-0.0003
609	AASHTO-II	1.2319	-32.8128	-25.4796	0.0042	0.0001	0.0001
609	AASHTO-III	1.4906	-35.7191	-28.5298	0.0046	0.0003	-0.0002
609	AASHTO-VIIA	4.2063	-41.1437	-28.6854	0.0053	0.0004	0.0004
609	AASHTO-VIIB	1.2734	-51.0135	-31.8842	0.0065	0.0001	0.0002
609	AASHTO-VIIC	4.1992	-42.3615	-25.8182	0.0055	0.0004	0.0004
609	AASHTO-VIID	1.2999	-52.2932	-29.1068	0.0068	0.0001	0.0002
609	AASHTO-II-E	0.5195	-17.8564	-17.8882	0.0022	0.0002	-0.0001
609	AASHTO-II-S	0.9223	-18.2563	-18.8610	0.0023	0.0001	0.0000
609	AASHTO-III-S	1.2398	-19.8334	-18.9032	0.0026	0.0002	-0.0001
609	AASHTO-VIIA-S	3.2286	-21.8900	-18.7191	0.0028	0.0003	0.0002
609	AASHTO-VIIB-S	0.9739	-26.0637	-20.4708	0.0035	0.0001	0.0001
610	AASHTO-I	1.3688	-32.5909	-28.5358	0.0041	0.0004	-0.0003
610	AASHTO-II	1.2099	-32.8125	-25.5482	0.0042	0.0001	0.0001
610	AASHTO-III	1.4684	-35.7271	-28.7074	0.0046	0.0003	-0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
610	AASHTO-VIIA	4.2145	-41.1487	-28.8674	0.0052	0.0003	0.0004
610	AASHTO-VIIB	1.2834	-51.0144	-31.9282	0.0065	0.0001	0.0002
610	AASHTO-VIIC	4.2070	-42.3663	-26.1181	0.0055	0.0003	0.0004
610	AASHTO-VIID	1.2795	-52.2943	-29.1828	0.0068	0.0001	0.0002
610	AASHTO-II-E	0.5230	-17.8692	-17.8780	0.0022	0.0001	-0.0001
610	AASHTO-II-S	0.9288	-18.2581	-17.9323	0.0022	0.0001	0.0000
610	AASHTO-III-S	1.2436	-19.8385	-19.0223	0.0025	0.0002	0.0000
610	AASHTO-VIIA-S	3.2340	-21.8921	-18.8746	0.0028	0.0003	0.0002
610	AASHTO-VIIB-S	0.9826	-26.0637	-20.5307	0.0035	0.0001	0.0001
611	AASHTO-I	1.3761	-32.5978	-28.7427	0.0041	0.0003	-0.0003
611	AASHTO-II	1.2161	-32.8107	-25.5921	0.0042	0.0001	0.0001
611	AASHTO-III	1.5094	-35.7314	-28.8598	0.0046	0.0003	-0.0001
611	AASHTO-VIIA	4.2227	-41.1494	-29.0656	0.0052	0.0003	0.0004
611	AASHTO-VIIB	1.2934	-51.0104	-31.9670	0.0065	0.0001	0.0002
611	AASHTO-VIIC	4.2149	-42.3670	-26.2953	0.0055	0.0003	0.0004
611	AASHTO-VIID	1.2892	-52.2904	-29.2028	0.0068	0.0001	0.0002
611	AASHTO-II-E	0.5275	-17.8598	-18.0466	0.0023	0.0001	0.0000
611	AASHTO-II-S	0.9311	-18.2548	-17.9687	0.0022	0.0001	0.0000
611	AASHTO-III-S	1.2487	-19.8373	-19.1217	0.0025	0.0002	0.0000
611	AASHTO-VIIA-S	3.2392	-21.8917	-19.0130	0.0029	0.0002	0.0002
611	AASHTO-VIIB-S	0.9892	-26.0607	-20.5523	0.0035	0.0000	0.0001
612	AASHTO-I	1.3828	-32.6022	-28.9184	0.0041	0.0003	-0.0003
612	AASHTO-II	1.2227	-32.8061	-25.6136	0.0042	0.0000	0.0001
612	AASHTO-III	1.5157	-35.7327	-28.9820	0.0046	0.0002	-0.0001
612	AASHTO-VIIA	4.2303	-41.1468	-29.2175	0.0052	0.0003	0.0005
612	AASHTO-VIIB	1.3027	-51.0025	-31.9788	0.0065	0.0000	0.0003
612	AASHTO-VIIC	4.2232	-42.3643	-26.4021	0.0055	0.0003	0.0005
612	AASHTO-VIID	1.2983	-52.2827	-29.2175	0.0068	0.0000	0.0003
612	AASHTO-II-E	0.5316	-17.8581	-18.1039	0.0022	0.0001	0.0000
612	AASHTO-II-S	0.9352	-18.2520	-17.9879	0.0022	0.0000	0.0001
612	AASHTO-III-S	1.2533	-19.8363	-19.1999	0.0025	0.0001	0.0000
612	AASHTO-VIIA-S	3.2439	-21.8893	-19.1325	0.0028	0.0002	0.0002
612	AASHTO-VIIB-S	0.9953	-26.0552	-20.5620	0.0035	0.0000	0.0001
613	AASHTO-I	1.3895	-32.6032	-29.0668	0.0041	0.0003	-0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
613	AASHTO-E	1.2280	-52.7981	-25.6151	0.0042	0.0000	0.0002
613	AASHTO-EI	1.5197	-55.7306	-29.0785	0.0046	0.0002	-0.0001
613	AASHTO-VIIA	4.2764	-41.1405	-29.3494	0.0052	0.0002	0.0005
613	AASHTO-VIIB	1.3103	-50.9800	-31.9626	0.0065	0.0000	0.0003
613	AASHTO-VIIC	4.2282	-42.3576	-26.5924	0.0055	0.0003	0.0006
613	AASHTO-VIID	1.3058	-52.2705	-29.2119	0.0068	0.0000	0.0003
613	AASHTO-I-S	0.5350	-17.9584	-18.1411	0.0022	0.0001	0.0000
613	AASHTO-EI-S	0.9395	-18.2472	-17.8928	0.0022	0.0000	0.0001
613	AASHTO-EII-S	1.0571	-19.5332	-19.2600	0.0025	0.0001	0.0000
613	AASHTO-VIIA-S	3.2478	-21.3846	-19.2377	0.0028	0.0002	0.0002
613	AASHTO-VIIB-S	1.0002	-26.0469	-20.5546	0.0035	0.0000	0.0002
614	AASHTO-I	1.3905	-52.6029	-29.2065	0.0041	0.0003	-0.0003
614	AASHTO-E	1.2300	-52.7867	-25.6141	0.0042	0.0000	0.0002
614	AASHTO-EI	1.5230	-55.7268	-29.1697	0.0046	0.0002	-0.0001
614	AASHTO-VIIA	4.2387	-41.1322	-29.4827	0.0052	0.0002	0.0006
614	AASHTO-VIIB	1.3134	-50.9754	-31.9480	0.0065	0.0000	0.0004
614	AASHTO-VIIC	4.2304	-42.3492	-26.7349	0.0055	0.0003	0.0007
614	AASHTO-VIID	1.3086	-52.2558	-29.2048	0.0068	0.0000	0.0004
614	AASHTO-I-S	0.5363	-17.9629	-18.1741	0.0022	0.0001	0.0000
614	AASHTO-E-S	0.9398	-18.2418	-17.8939	0.0022	0.0000	0.0001
614	AASHTO-EI-S	1.0586	-19.5292	-19.3181	0.0025	0.0001	0.0000
614	AASHTO-VIIA-S	3.2492	-21.3787	-19.3436	0.0028	0.0002	0.0003
614	AASHTO-VIIB-S	1.0023	-26.0371	-20.5447	0.0036	0.0000	0.0002
615	AASHTO-I	1.3322	-52.4451	-23.3773	0.0042	0.0005	-0.0007
615	AASHTO-E	1.1655	-52.7612	-22.1585	0.0042	0.0002	-0.0001
615	AASHTO-EI	1.4659	-55.5988	-23.8144	0.0047	0.0004	-0.0005
615	AASHTO-VIIA	4.1668	-41.2622	-23.3130	0.0053	0.0004	0.0003
615	AASHTO-VIIB	1.2206	-50.8388	-27.0851	0.0065	0.0002	-0.0001
615	AASHTO-VIIC	4.1626	-42.2712	-20.4134	0.0055	0.0004	0.0004
615	AASHTO-VIID	1.2295	-52.2198	-24.1889	0.0068	0.0002	0.0000
615	AASHTO-I-S	0.4661	-17.9101	-15.5851	0.0022	0.0002	-0.0002
615	AASHTO-E-S	0.8991	-18.2284	-15.0191	0.0023	0.0001	0.0000
615	AASHTO-EII-S	1.0132	-19.7778	-16.0560	0.0026	0.0003	-0.0002
615	AASHTO-VIIA-S	3.2012	-21.8427	-15.3403	0.0029	0.0003	0.0001

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RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
615	AASHTO-VIIB-S	0.8094	-25.0187	-17.6963	0.0035	0.0001	0.0000
616	AASHTO-I	1.3325	-52.4644	-23.6527	0.0041	0.0005	-0.0006
616	AASHTO-E	1.1658	-52.7721	-22.2725	0.0042	0.0002	-0.0001
616	AASHTO-EI	1.4584	-55.6173	-24.0416	0.0046	0.0004	-0.0004
616	AASHTO-VIIA	4.1669	-41.0684	-23.5757	0.0053	0.0005	0.0003
616	AASHTO-VIIB	1.2213	-50.9652	-27.2113	0.0065	0.0002	-0.0001
616	AASHTO-VIIC	4.1628	-42.2674	-20.6875	0.0055	0.0005	0.0003
616	AASHTO-VIID	1.2310	-52.2334	-24.3066	0.0068	0.0002	0.0000
616	AASHTO-I-S	0.4664	-17.9190	-15.7052	0.0022	0.0002	-0.0002
616	AASHTO-E-S	0.8993	-18.2328	-15.1037	0.0022	0.0002	0.0000
616	AASHTO-EI-S	1.0135	-19.7873	-16.2916	0.0025	0.0003	-0.0002
616	AASHTO-VIIA-S	3.2015	-21.8517	-15.5383	0.0028	0.0004	0.0001
616	AASHTO-VIIB-S	0.8099	-26.0290	-17.7906	0.0035	0.0002	0.0000
617	AASHTO-I	1.3359	-52.4661	-23.9580	0.0041	0.0005	-0.0006
617	AASHTO-E	1.1693	-52.7855	-22.4112	0.0042	0.0002	0.0000
617	AASHTO-EI	1.4601	-55.6384	-24.2974	0.0046	0.0004	-0.0003
617	AASHTO-VIIA	4.1713	-41.0878	-23.8600	0.0052	0.0005	0.0002
617	AASHTO-VIIB	1.2259	-50.9747	-27.3679	0.0065	0.0002	0.0000
617	AASHTO-VIIC	4.1670	-42.3067	-20.8397	0.0055	0.0004	0.0003
617	AASHTO-VIID	1.2355	-52.2532	-24.4512	0.0068	0.0002	0.0000
617	AASHTO-I-S	0.4695	-17.9275	-15.8447	0.0022	0.0002	-0.0001
617	AASHTO-E-S	0.9005	-18.2406	-15.2049	0.0022	0.0001	0.0000
617	AASHTO-EII-S	1.0100	-19.7983	-16.4230	0.0025	0.0003	-0.0001
617	AASHTO-VIIA-S	3.2044	-21.8626	-15.7516	0.0028	0.0003	0.0001
617	AASHTO-VIIB-S	0.8430	-26.0411	-17.9650	0.0035	0.0002	0.0000
618	AASHTO-I	1.3396	-52.5044	-24.2439	0.0041	0.0005	-0.0004
618	AASHTO-E	1.1728	-52.7954	-22.5284	0.0042	0.0002	0.0000
618	AASHTO-EI	1.4641	-55.6558	-24.5323	0.0046	0.0004	-0.0003
618	AASHTO-VIIA	4.1758	-41.1030	-24.1198	0.0052	0.0004	0.0002
618	AASHTO-VIIB	1.2309	-50.9696	-27.5003	0.0065	0.0002	0.0000
618	AASHTO-VIIC	4.1712	-42.3218	-21.1904	0.0055	0.0004	0.0003
618	AASHTO-VIID	1.2303	-52.2682	-24.5747	0.0068	0.0002	0.0000
618	AASHTO-I-S	0.5058	-17.9348	-15.9706	0.0022	0.0002	-0.0001
618	AASHTO-E-S	0.9029	-18.2485	-15.2917	0.0023	0.0001	0.0000

LARSA 4D

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RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
618	AASHTO-BI-S	1,0196	-19,8072	-16,5797	0,0025	0,0005	-0,0001
618	AASHTO-VBA-S	3,2079	-21,8710	-15,9467	0,0028	0,0005	0,0001
618	AASHTO-VBB-S	0,9464	-26,0504	-18,0021	0,0035	0,0001	0,0000
618	AASHTO-I	1,5441	-32,5201	-24,5036	0,0041	0,0004	-0,0004
619	AASHTO-II	1,1772	-32,8027	-22,8226	0,0042	0,0001	0,0000
619	AASHTO-III	1,4690	-35,6704	-24,7490	0,0046	0,0003	-0,0002
619	AASHTO-VBA	4,1808	-41,1151	-24,3517	0,0052	0,0004	0,0002
619	AASHTO-VBB	1,2398	-51,0007	-27,6029	0,0065	0,0002	0,0000
619	AASHTO-VBC	4,1761	-42,5537	-21,4173	0,0055	0,0004	0,0003
619	AASHTO-VBD	1,2360	-52,2795	-24,6723	0,0068	0,0001	0,0000
619	AASHTO-II-S	0,9236	-17,9408	-16,0786	0,0022	0,0002	-0,0001
619	AASHTO-III-S	0,9057	-19,2508	-15,3606	0,0022	0,0001	0,0000
619	AASHTO-BI-S	1,0217	-19,8140	-16,7173	0,0025	0,0002	-0,0001
619	AASHTO-VBA-S	3,2107	-21,8778	-16,1222	0,0028	0,0003	0,0001
619	AASHTO-VBB-S	0,9505	-26,0573	-18,0782	0,0035	0,0001	0,0000
620	AASHTO-I	1,5490	-32,5329	-24,7338	0,0041	0,0004	-0,0004
620	AASHTO-II	1,1816	-32,8066	-22,8889	0,0042	0,0001	0,0000
620	AASHTO-III	1,4742	-35,6817	-24,9180	0,0046	0,0003	-0,0002
620	AASHTO-VBA	4,1894	-41,1235	-24,5550	0,0052	0,0003	0,0003
620	AASHTO-VBB	1,2436	-51,0078	-27,6733	0,0065	0,0001	0,0001
620	AASHTO-VBC	4,1812	-42,5420	-21,6194	0,0055	0,0003	0,0003
620	AASHTO-VBD	1,2422	-52,2865	-24,7417	0,0068	0,0001	0,0001
620	AASHTO-II-S	0,9266	-17,9451	-16,1689	0,0022	0,0001	-0,0001
620	AASHTO-III-S	0,9087	-19,2532	-15,4111	0,0022	0,0001	0,0000
620	AASHTO-BI-S	1,0252	-19,8195	-16,8340	0,0025	0,0002	-0,0001
620	AASHTO-VBA-S	3,2143	-21,8829	-16,2777	0,0028	0,0003	0,0001
620	AASHTO-VBB-S	0,9549	-26,0615	-18,1317	0,0035	0,0001	0,0000
621	AASHTO-I	1,3541	-32,5429	-24,8371	0,0041	0,0004	-0,0004
621	AASHTO-II	1,1867	-32,8083	-22,7316	0,0042	0,0001	0,0000
621	AASHTO-III	1,4796	-35,6900	-25,0899	0,0046	0,0003	-0,0002
621	AASHTO-VBA	4,1919	-41,1287	-24,7338	0,0052	0,0003	0,0003
621	AASHTO-VBB	1,2502	-51,0105	-27,7148	0,0065	0,0001	0,0001
621	AASHTO-VBC	4,1868	-42,5469	-21,8007	0,0055	0,0003	0,0004
621	AASHTO-VBD	1,2485	-52,2895	-24,7981	0,0068	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
621	AASHTO-II-S	0,9266	-17,9477	-16,2374	0,0022	0,0001	-0,0001
621	AASHTO-III-S	0,9118	-19,2541	-15,4449	0,0023	0,0001	0,0000
621	AASHTO-BI-S	1,0287	-19,8228	-16,8329	0,0025	0,0002	-0,0001
621	AASHTO-VBA-S	3,2179	-21,8844	-16,4183	0,0028	0,0003	0,0001
621	AASHTO-VBB-S	0,9594	-26,0633	-18,1650	0,0035	0,0001	0,0000
622	AASHTO-I	1,3598	-32,5492	-25,1187	0,0042	0,0004	-0,0004
622	AASHTO-II	1,1930	-32,8058	-22,7584	0,0042	0,0001	0,0001
622	AASHTO-III	1,4859	-35,6942	-25,1984	0,0047	0,0003	-0,0002
622	AASHTO-VBA	4,1979	-41,1292	-24,8951	0,0053	0,0003	0,0004
622	AASHTO-VBB	1,2577	-51,0091	-27,7343	0,0066	0,0001	0,0001
622	AASHTO-VBC	4,1919	-42,5473	-21,9672	0,0056	0,0003	0,0005
622	AASHTO-VBD	1,2559	-52,2872	-24,8109	0,0068	0,0001	0,0002
622	AASHTO-II-S	0,9134	-17,9480	-16,2559	0,0022	0,0001	-0,0001
622	AASHTO-III-S	0,9153	-19,2528	-15,4864	0,0023	0,0001	0,0000
622	AASHTO-BI-S	1,0327	-19,8237	-17,0151	0,0026	0,0002	-0,0001
622	AASHTO-VBA-S	3,2218	-21,8840	-16,5430	0,0028	0,0002	0,0002
622	AASHTO-VBB-S	0,9645	-26,0616	-18,1828	0,0036	0,0001	0,0001
623	AASHTO-I	1,3633	-32,5571	-25,3319	0,0042	0,0004	-0,0005
623	AASHTO-II	1,1953	-32,8059	-22,8105	0,0042	0,0001	0,0001
623	AASHTO-III	1,4895	-35,7000	-25,3596	0,0047	0,0003	-0,0002
623	AASHTO-VBA	4,2018	-41,1311	-25,0905	0,0053	0,0004	0,0005
623	AASHTO-VBB	1,2625	-51,0072	-27,7676	0,0066	0,0001	0,0002
623	AASHTO-VBC	4,1954	-42,5491	-22,1638	0,0056	0,0004	0,0006
623	AASHTO-VBD	1,2600	-52,2864	-24,8857	0,0069	0,0001	0,0002
623	AASHTO-II-S	0,9157	-17,9494	-16,3709	0,0022	0,0001	-0,0001
623	AASHTO-III-S	0,9175	-19,2518	-15,5080	0,0023	0,0001	0,0000
623	AASHTO-BI-S	1,0354	-19,8255	-17,1189	0,0026	0,0002	-0,0001
623	AASHTO-VBA-S	3,2245	-21,8843	-16,6929	0,0029	0,0003	0,0002
623	AASHTO-VBB-S	0,9678	-26,0607	-18,2231	0,0036	0,0001	0,0001
624	AASHTO-I	1,3669	-32,5669	-25,5833	0,0042	0,0004	-0,0004
624	AASHTO-II	1,1983	-32,8078	-22,8784	0,0042	0,0001	0,0001
624	AASHTO-III	1,4933	-35,7097	-25,5384	0,0047	0,0003	-0,0002
624	AASHTO-VBA	4,2052	-41,1374	-25,2996	0,0053	0,0004	0,0004
624	AASHTO-VBB	1,2672	-51,0107	-27,8556	0,0066	0,0001	0,0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
624	AASHTO-VBC	4,1984	-42,3552	-22,5715	0,0058	0,0004	0,0005
624	AASHTO-VBD	1,2642	-52,2301	-24,8321	0,0068	0,0001	0,0002
624	AASHTO-I-E	0,5180	-17,9530	-16,4690	0,0022	0,0002	-0,0001
624	AASHTO-II-E	0,9197	-18,2536	-15,5901	0,0023	0,0001	0,0000
624	AASHTO-III-E	1,2390	-19,8296	-17,2378	0,0026	0,0002	-0,0001
624	AASHTO-VBA-S	3,2398	-21,8972	-18,8539	0,0028	0,0003	0,0002
624	AASHTO-VBB-S	0,9712	-26,0625	-18,2781	0,0036	0,0001	0,0001
625	AASHTO-I	1,3726	-32,5925	-25,8279	0,0041	0,0004	-0,0003
625	AASHTO-II	1,2036	-32,8128	-23,9736	0,0042	0,0001	0,0001
625	AASHTO-III	1,4694	-35,7211	-25,7488	0,0046	0,0003	-0,0002
625	AASHTO-VBA	4,2117	-41,1480	-25,5383	0,0052	0,0004	0,0004
625	AASHTO-VBB	1,2746	-51,0160	-27,9556	0,0065	0,0001	0,0003
625	AASHTO-VBC	4,2045	-42,3637	-22,9023	0,0059	0,0004	0,0004
625	AASHTO-VBD	1,2715	-52,2357	-25,0285	0,0068	0,0001	0,0002
625	AASHTO-I-E	0,5216	-17,9576	-16,5704	0,0023	0,0002	-0,0001
625	AASHTO-II-E	0,9233	-18,2564	-15,6311	0,0022	0,0001	0,0000
625	AASHTO-III-E	1,2420	-19,8348	-17,3772	0,0025	0,0002	-0,0001
625	AASHTO-VBA-S	3,2312	-21,8915	-17,0330	0,0028	0,0003	0,0002
625	AASHTO-VBB-S	0,9764	-26,0654	-18,3500	0,0035	0,0001	0,0001
626	AASHTO-I	1,3777	-32,5922	-26,0707	0,0041	0,0004	-0,0003
626	AASHTO-II	1,2086	-32,8137	-23,0487	0,0042	0,0001	0,0001
626	AASHTO-III	1,5048	-35,7284	-25,9389	0,0046	0,0003	-0,0001
626	AASHTO-VBA	4,2173	-41,1500	-25,7494	0,0052	0,0003	0,0004
626	AASHTO-VBB	1,2818	-51,0180	-28,0315	0,0065	0,0001	0,0002
626	AASHTO-VBC	4,2097	-42,3676	-22,8124	0,0059	0,0003	0,0004
626	AASHTO-VBD	1,2778	-52,2359	-25,0986	0,0068	0,0001	0,0002
626	AASHTO-I-E	0,5248	-17,9600	-16,5868	0,0022	0,0001	-0,0001
626	AASHTO-II-E	0,9264	-18,2588	-15,6883	0,0023	0,0001	0,0000
626	AASHTO-III-E	1,2456	-19,8374	-17,5012	0,0025	0,0002	0,0000
626	AASHTO-VBA-S	3,2346	-21,8930	-17,1956	0,0028	0,0003	0,0002
626	AASHTO-VBB-S	0,9809	-26,0648	-18,4070	0,0036	0,0001	0,0001
627	AASHTO-I	1,3827	-32,5992	-26,2641	0,0041	0,0003	-0,0003
627	AASHTO-II	1,2133	-32,8118	-23,1508	0,0042	0,0001	0,0001
627	AASHTO-III	1,5100	-35,7328	-26,0980	0,0046	0,0003	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
627	AASHTO-VBA	4,2229	-41,1509	-25,9346	0,0052	0,0003	0,0004
627	AASHTO-VBB	1,2880	-51,0121	-28,0776	0,0065	0,0001	0,0002
627	AASHTO-VBC	4,2148	-42,3654	-22,8983	0,0059	0,0003	0,0004
627	AASHTO-VBD	1,2840	-52,2921	-25,1485	0,0068	0,0001	0,0002
627	AASHTO-I-E	0,5279	-17,9607	-16,7440	0,0022	0,0001	0,0000
627	AASHTO-II-E	0,9294	-18,2557	-15,7283	0,0023	0,0001	0,0000
627	AASHTO-III-E	1,2490	-19,8382	-17,6048	0,0025	0,0002	0,0000
627	AASHTO-VBA-S	3,2383	-21,8928	-17,3387	0,0028	0,0002	0,0002
627	AASHTO-VBB-S	0,9853	-26,0618	-18,4431	0,0035	0,0000	0,0001
628	AASHTO-I	1,3872	-32,6032	-26,4608	0,0041	0,0003	-0,0003
628	AASHTO-II	1,2174	-32,8071	-23,1249	0,0041	0,0000	0,0001
628	AASHTO-III	1,5148	-35,7339	-26,3223	0,0046	0,0002	-0,0001
628	AASHTO-VBA	4,2273	-41,1492	-26,0903	0,0052	0,0003	0,0004
628	AASHTO-VBB	1,2939	-51,0039	-28,0913	0,0065	0,0000	0,0003
628	AASHTO-VBC	4,2190	-42,3654	-23,1587	0,0055	0,0003	0,0005
628	AASHTO-VBD	1,2896	-52,2841	-25,1651	0,0068	0,0000	0,0003
628	AASHTO-I-E	0,5306	-17,9698	-16,8006	0,0023	0,0001	0,0000
628	AASHTO-II-E	0,9321	-18,2527	-15,7482	0,0023	0,0000	0,0001
628	AASHTO-III-E	1,9521	-19,8370	-17,5859	0,0026	0,5001	0,0005
628	AASHTO-VBA-S	3,2413	-21,8900	-17,4610	0,0028	0,0002	0,0002
628	AASHTO-VBB-S	0,9892	-26,0561	-18,4584	0,0035	0,0000	0,0001
629	AASHTO-I	1,3926	-32,6047	-26,6117	0,0041	0,0003	-0,0003
629	AASHTO-II	1,2209	-32,7996	-23,1244	0,0041	0,0000	0,0002
629	AASHTO-III	1,5187	-35,7323	-26,3183	0,0046	0,0002	-0,0001
629	AASHTO-VBA	4,2309	-41,1421	-26,2203	0,0052	0,0002	0,0005
629	AASHTO-VBB	1,2987	-50,9928	-28,0758	0,0065	0,0000	0,0003
629	AASHTO-VBC	4,2224	-42,3593	-23,2974	0,0055	0,0003	0,0005
629	AASHTO-VBD	1,2941	-52,2723	-25,1583	0,0068	0,0000	0,0003
629	AASHTO-I-E	0,5330	-17,9673	-16,8369	0,0022	0,0001	0,0000
629	AASHTO-II-E	0,9343	-18,2481	-15,7529	0,0022	0,0000	0,0001
629	AASHTO-III-E	1,0547	-19,8342	-17,7459	0,0025	0,0001	0,0000
629	AASHTO-VBA-S	3,2436	-21,8856	-17,5655	0,0028	0,0002	0,0002
629	AASHTO-VBB-S	0,9924	-26,0481	-18,4481	0,0035	0,0000	0,0001
630	AASHTO-I	1,3944	-32,6029	-26,7333	0,0041	0,0003	-0,0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
630	AASHTO-E	1.2240	-32.7666	-23.1050	0.0042	0.0000	0.0002
630	AASHTO-EI	1.5223	-35.7268	-26.3901	0.0046	0.0002	-0.0001
630	AASHTO-VIIA	4.2342	-41.1521	-28.3325	0.0052	0.0002	0.0006
630	AASHTO-VIIB	1.3031	-50.9754	-28.0391	0.0065	0.0000	0.0004
630	AASHTO-VIIC	4.2295	-42.3491	-23.4211	0.0055	0.0003	0.0007
630	AASHTO-VIID	1.2983	-52.2559	-25.1325	0.0066	0.0000	0.0004
630	AASHTO-I-E	0.5351	-17.9528	-16.8570	0.0023	0.0001	0.0000
630	AASHTO-E-E	0.8362	-18.2416	-15.7434	0.0022	0.0000	0.0001
630	AASHTO-EI-E	1.0570	-19.8292	-17.7892	0.0025	0.0001	0.0000
630	AASHTO-VIIA-E	3.2456	-21.8767	-17.6578	0.0028	0.0002	0.0003
630	AASHTO-VIIB-E	0.9953	-26.0572	-16.4264	0.0035	0.0000	0.0002
631	AASHTO-I	1.3647	-32.6035	-26.8884	0.0041	0.0003	-0.0003
631	AASHTO-E	1.2243	-32.7799	-23.1149	0.0042	0.0000	0.0003
631	AASHTO-EI	1.5229	-35.7239	-26.4040	0.0046	0.0002	-0.0001
631	AASHTO-VIIA	4.2345	-41.1244	-28.4825	0.0053	0.0003	0.0007
631	AASHTO-VIIB	1.3037	-50.9615	-28.0357	0.0065	0.0000	0.0005
631	AASHTO-VIIC	4.2257	-42.3411	-23.5782	0.0055	0.0003	0.0006
631	AASHTO-VIID	1.2987	-52.2419	-25.1393	0.0066	0.0000	0.0005
631	AASHTO-I-E	0.5354	-17.9499	-16.8971	0.0022	0.0001	0.0000
631	AASHTO-E-E	0.8365	-18.2364	-15.7541	0.0023	0.0000	0.0001
631	AASHTO-EI-E	1.0574	-19.8257	-17.8543	0.0025	0.0001	0.0000
631	AASHTO-VIIA-E	3.2459	-21.8731	-17.7791	0.0029	0.0002	0.0003
631	AASHTO-VIIB-E	0.9958	-26.0279	-16.4270	0.0035	0.0000	0.0003
647	AASHTO-I	1.4278	-32.4083	-8.5002	0.0043	0.0004	-0.0007
647	AASHTO-E	1.2063	-32.7548	-7.2000	0.0043	0.0002	0.0000
647	AASHTO-EI	1.5404	-35.5919	-7.1818	0.0048	0.0003	-0.0004
647	AASHTO-VIIA	4.2347	-41.0456	-4.5778	0.0054	0.0004	0.0004
647	AASHTO-VIIB	1.2895	-50.9305	-5.8752	0.0066	0.0001	0.0001
647	AASHTO-VIIC	4.2296	-42.2646	-6.7503	0.0056	0.0004	0.0005
647	AASHTO-VIID	1.2842	-52.2085	-8.0464	0.0069	0.0001	0.0002
647	AASHTO-I-E	0.5315	-17.9091	-7.6482	0.0023	0.0002	-0.0002
647	AASHTO-E-E	0.8220	-18.2237	-6.9205	0.0024	0.0001	0.0000
647	AASHTO-EI-E	1.0599	-19.7738	-8.9170	0.0027	0.0002	-0.0002
647	AASHTO-VIIA-E	3.2374	-21.8390	-5.2791	0.0029	0.0003	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
647	AASHTO-VIIB-E	0.9782	-26.0139	-6.0843	0.0036	0.0001	0.0000
648	AASHTO-I	1.4018	-32.5942	-24.3118	0.0042	0.0003	-0.0004
648	AASHTO-E	1.2207	-32.7706	-20.5216	0.0043	0.0001	0.0003
648	AASHTO-EI	1.5291	-35.7142	-23.6183	0.0047	0.0002	-0.0001
648	AASHTO-VIIA	4.2318	-41.1139	-23.2352	0.0053	0.0003	0.0009
648	AASHTO-VIIB	1.2967	-50.9497	-24.0283	0.0066	0.0001	0.0006
648	AASHTO-VIIC	4.2223	-42.3304	-20.1798	0.0056	0.0004	0.0010
648	AASHTO-VIID	1.2916	-52.2302	-20.9779	0.0069	0.0001	0.0006
648	AASHTO-I-E	0.5361	-17.9444	-15.5175	0.0022	0.0001	0.0000
648	AASHTO-E-E	0.8344	-18.2308	-14.3458	0.0023	0.0001	0.0001
648	AASHTO-EI-E	1.0577	-19.8188	-16.2923	0.0026	0.0001	0.0000
648	AASHTO-VIIA-E	3.2432	-21.8686	-16.0247	0.0029	0.0003	0.0004
648	AASHTO-VIIB-E	0.9910	-26.0208	-16.2439	0.0036	0.0000	0.0003
649	AASHTO-I	1.3483	-32.4682	-21.1886	0.0041	0.0005	-0.0006
649	AASHTO-E	1.1730	-32.7791	-18.7848	0.0041	0.0002	-0.0001
649	AASHTO-EI	1.4711	-35.6215	-21.2777	0.0046	0.0004	-0.0004
649	AASHTO-VIIA	4.1793	-41.0733	-20.4439	0.0052	0.0006	0.0003
649	AASHTO-VIIB	1.2328	-50.9602	-23.3301	0.0065	0.0002	-0.0001
649	AASHTO-VIIC	4.1755	-42.2922	-17.3690	0.0055	0.0005	0.0003
649	AASHTO-VIID	1.2329	-52.2385	-20.2579	0.0067	0.0002	0.0000
649	AASHTO-I-E	0.5019	-17.9203	-14.3994	0.0023	0.0002	-0.0002
649	AASHTO-E-E	0.8023	-18.2352	-13.7957	0.0022	0.0002	0.0000
649	AASHTO-EI-E	1.0204	-19.7896	-14.7352	0.0025	0.0003	-0.0002
649	AASHTO-VIIA-E	3.2090	-21.8546	-13.8644	0.0029	0.0004	0.0001
649	AASHTO-VIIB-E	0.9467	-26.0321	-15.6897	0.0036	0.0002	0.0000
650	AASHTO-I	1.3510	-32.4977	-21.5082	0.0041	0.0005	-0.0005
650	AASHTO-E	1.1757	-32.7871	-19.0278	0.0041	0.0002	0.0000
650	AASHTO-EI	1.4741	-35.6402	-21.5382	0.0046	0.0004	-0.0003
650	AASHTO-VIIA	4.1830	-41.0898	-20.7316	0.0052	0.0005	0.0002
650	AASHTO-VIIB	1.2362	-50.9789	-23.4907	0.0065	0.0002	0.0000
650	AASHTO-VIIC	4.1788	-42.3086	-17.6441	0.0055	0.0004	0.0003
650	AASHTO-VIID	1.2343	-52.2503	-20.4059	0.0067	0.0002	0.0000
650	AASHTO-I-E	0.5037	-17.9284	-14.5425	0.0023	0.0002	-0.0001
650	AASHTO-E-E	0.8041	-18.2417	-13.8695	0.0022	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
950	AASHTO-B1-S	1.0234	-19.7994	-14.8094	0.0025	0.0005	-0.0001
950	AASHTO-VBA-S	3.2126	-21.8839	-14.0784	0.0029	0.0009	0.0001
950	AASHTO-VBB-S	0.9492	-26.0425	-15.8050	0.0035	0.0002	0.0000
951	AASHTO-I	1.3540	-32.5059	-21.7991	0.0041	0.0006	-0.0004
951	AASHTO-II	1.1786	-32.7999	-20.0452	0.0042	0.0002	0.0000
951	AASHTO-III	1.4773	-35.8575	-21.7721	0.0046	0.0004	-0.0003
951	AASHTO-VBA	4.1868	-41.1046	-20.9906	0.0052	0.0004	0.0002
951	AASHTO-VBB	1.2400	-50.9916	-23.6211	0.0065	0.0002	0.0000
951	AASHTO-VBC	4.1822	-42.3235	-17.8943	0.0055	0.0004	0.0002
951	AASHTO-VBD	1.2396	-52.2702	-20.5275	0.0068	0.0002	0.0000
951	AASHTO-I-S	0.5256	-17.9359	-14.6881	0.0022	0.0002	-0.0001
951	AASHTO-II-S	0.9061	-18.2474	-13.9537	0.0022	0.0001	0.0000
951	AASHTO-III-S	1.0246	-19.8082	-15.0652	0.0025	0.0002	-0.0001
951	AASHTO-VBA-S	3.2130	-21.8722	-14.2727	0.0028	0.0003	0.0001
951	AASHTO-VBB-S	0.9519	-26.0517	-15.8998	0.0035	0.0001	0.0000
952	AASHTO-I	1.3573	-32.5214	-22.0431	0.0041	0.0004	-0.0004
952	AASHTO-II	1.1817	-32.8046	-20.1352	0.0042	0.0001	0.0000
952	AASHTO-III	1.4807	-35.8716	-21.8785	0.0046	0.0003	-0.0002
952	AASHTO-VBA	4.1903	-41.1166	-21.2189	0.0052	0.0004	0.0002
952	AASHTO-VBB	1.2441	-51.0025	-23.7189	0.0065	0.0001	0.0000
952	AASHTO-VBC	4.1855	-42.3351	-18.1186	0.0055	0.0004	0.0003
952	AASHTO-VBD	1.2435	-52.2812	-20.6254	0.0068	0.0001	0.0000
952	AASHTO-I-S	0.5277	-17.9417	-14.7742	0.0022	0.0002	-0.0001
952	AASHTO-II-S	0.9092	-18.2516	-14.0228	0.0022	0.0001	0.0000
952	AASHTO-III-S	1.0270	-19.8152	-15.2005	0.0025	0.0002	-0.0001
952	AASHTO-VBA-S	3.2155	-21.8788	-14.4484	0.0028	0.0003	0.0001
952	AASHTO-VBB-S	0.9548	-26.0584	-15.9723	0.0035	0.0001	0.0000
953	AASHTO-I	1.3609	-32.5345	-22.2764	0.0041	0.0004	-0.0003
953	AASHTO-II	1.1850	-32.8085	-20.1982	0.0042	0.0001	0.0000
953	AASHTO-III	1.4845	-35.8834	-22.1508	0.0046	0.0003	-0.0002
953	AASHTO-VBA	4.1941	-41.1253	-21.4198	0.0052	0.0003	0.0002
953	AASHTO-VBB	1.2486	-51.0097	-23.7838	0.0065	0.0001	0.0000
953	AASHTO-VBC	4.1898	-42.3457	-18.3176	0.0055	0.0003	0.0003
953	AASHTO-VBD	1.2476	-52.2895	-20.6848	0.0068	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
953	AASHTO-I-S	0.5101	-17.9481	-14.8804	0.0022	0.0001	-0.0001
953	AASHTO-II-S	0.9105	-18.2542	-14.0709	0.0022	0.0001	0.0000
953	AASHTO-III-S	1.0296	-19.8208	-15.3150	0.0025	0.0002	-0.0001
953	AASHTO-VBA-S	3.2181	-21.8852	-14.5999	0.0029	0.0003	0.0001
953	AASHTO-VBB-S	0.9579	-26.0629	-16.0225	0.0035	0.0001	0.0000
954	AASHTO-I	1.3649	-32.5447	-22.4684	0.0041	0.0004	-0.0004
954	AASHTO-II	1.1886	-32.8130	-20.3347	0.0042	0.0001	0.0000
954	AASHTO-III	1.4898	-35.8918	-22.3958	0.0046	0.0003	-0.0002
954	AASHTO-VBA	4.1980	-41.1305	-21.5922	0.0052	0.0003	0.0003
954	AASHTO-VBB	1.2534	-51.0128	-23.8173	0.0065	0.0001	0.0001
954	AASHTO-VBC	4.1923	-42.3487	-18.4931	0.0055	0.0003	0.0003
954	AASHTO-VBD	1.2519	-52.2917	-20.7215	0.0068	0.0001	0.0001
954	AASHTO-I-S	0.5127	-17.9488	-14.9272	0.0022	0.0001	-0.0001
954	AASHTO-II-S	0.9129	-18.2551	-14.1009	0.0022	0.0001	0.0000
954	AASHTO-III-S	1.0324	-19.8241	-15.4092	0.0025	0.0002	-0.0001
954	AASHTO-VBA-S	3.2208	-21.8858	-14.7347	0.0029	0.0003	0.0001
954	AASHTO-VBB-S	0.9612	-26.0647	-16.0509	0.0035	0.0001	0.0000
955	AASHTO-I	1.3695	-32.5534	-22.6401	0.0041	0.0003	-0.0004
955	AASHTO-II	1.1924	-32.8130	-20.2485	0.0042	0.0001	0.0001
955	AASHTO-III	1.4931	-35.8996	-22.4149	0.0046	0.0002	-0.0002
955	AASHTO-VBA	4.2019	-41.1337	-21.7406	0.0052	0.0003	0.0004
955	AASHTO-VBB	1.2595	-51.0134	-23.8229	0.0065	0.0000	0.0001
955	AASHTO-VBC	4.1958	-42.3517	-18.6479	0.0055	0.0003	0.0004
955	AASHTO-VBD	1.2567	-52.2924	-20.7335	0.0068	0.0001	0.0002
955	AASHTO-I-S	0.5154	-17.9506	-14.9769	0.0022	0.0001	-0.0001
955	AASHTO-II-S	0.9155	-18.2561	-14.1150	0.0022	0.0000	0.0000
955	AASHTO-III-S	1.0354	-19.8265	-15.4856	0.0025	0.0002	-0.0001
955	AASHTO-VBA-S	3.2234	-21.8868	-14.8534	0.0029	0.0002	0.0002
955	AASHTO-VBB-S	0.9647	-26.0650	-16.0806	0.0035	0.0000	0.0001
956	AASHTO-I	1.3739	-32.5496	-22.7246	0.0043	0.0004	-0.0006
956	AASHTO-II	1.1959	-32.7962	-20.1895	0.0043	0.0001	0.0001
956	AASHTO-III	1.4974	-35.8810	-22.4492	0.0048	0.0003	-0.0003
956	AASHTO-VBA	4.2046	-41.1211	-21.8139	0.0054	0.0004	0.0006
956	AASHTO-VBB	1.2634	-50.9963	-23.7402	0.0067	0.0001	0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
936	AASHTO-VBC	4.1980	-42.3390	-18.7377	0.0057	0.0004	0.0007
936	AASHTO-VBD	1.2811	-52.2754	-20.6677	0.0069	0.0001	0.0003
936	AASHTO-I-S	0.5183	-17.9443	-14.9708	0.0023	0.0001	-0.0001
936	AASHTO-B-S	0.9178	-18.2488	-14.6793	0.0023	0.0001	0.0000
936	AASHTO-BI-S	1.0393	-19.8202	-15.5046	0.0029	0.0003	-0.0001
936	AASHTO-VBA-S	3.2250	-21.8764	-14.8218	0.0029	0.0003	0.0003
936	AASHTO-VBB-S	0.9690	-26.0541	-18.2119	0.0036	0.0001	0.0001
937	AASHTO-I	1.3782	-52.5732	-23.0851	0.0041	0.0004	-0.0004
937	AASHTO-II	1.2005	-52.8122	-20.3718	0.0042	0.0002	0.0001
937	AASHTO-III	1.0023	-35.7142	-22.7559	0.0046	0.0004	-0.0002
937	AASHTO-VBA	4.2111	-41.1425	-22.1499	0.0052	0.0004	0.0004
937	AASHTO-VBB	1.2695	-51.0152	-23.9455	0.0065	0.0002	0.0002
937	AASHTO-VBC	4.2041	-42.3602	-18.0998	0.0055	0.0004	0.0005
937	AASHTO-VBD	1.2667	-52.2955	-20.8561	0.0068	0.0003	0.0002
937	AASHTO-I-S	0.5212	-17.9656	-15.1433	0.0022	0.0002	-0.0001
937	AASHTO-B-S	0.9208	-18.2563	-14.2098	0.0022	0.0001	0.0000
937	AASHTO-BI-S	1.0416	-19.8324	-15.7091	0.0025	0.0002	-0.0001
937	AASHTO-VBA-S	3.2296	-21.8904	-15.1679	0.0029	0.0003	0.0002
937	AASHTO-VBB-S	0.9723	-26.0661	-18.1550	0.0035	0.0001	0.0001
938	AASHTO-I	1.3829	-52.5843	-23.3632	0.0041	0.0004	-0.0003
938	AASHTO-II	1.2046	-52.8145	-20.4780	0.0042	0.0001	0.0001
938	AASHTO-III	1.0069	-35.7230	-22.8788	0.0046	0.0003	-0.0002
938	AASHTO-VBA	4.2181	-41.1481	-22.3982	0.0052	0.0004	0.0004
938	AASHTO-VBB	1.2749	-51.0184	-24.0590	0.0065	0.0001	0.0002
938	AASHTO-VBC	4.2056	-42.3607	-19.2982	0.0055	0.0004	0.0004
938	AASHTO-VBD	1.2717	-52.2979	-20.9630	0.0068	0.0001	0.0002
938	AASHTO-I-S	0.5240	-17.9587	-15.2819	0.0022	0.0002	-0.0001
938	AASHTO-B-S	0.9237	-18.2575	-14.2879	0.0022	0.0001	0.0000
938	AASHTO-BI-S	1.0447	-19.8390	-15.8565	0.0025	0.0002	0.0000
938	AASHTO-VBA-S	3.2330	-21.8928	-15.3542	0.0029	0.0003	0.0001
938	AASHTO-VBB-S	0.9760	-26.0669	-18.2368	0.0035	0.0001	0.0001
939	AASHTO-I	1.3866	-52.5838	-23.6140	0.0041	0.0004	-0.0003
939	AASHTO-II	1.2082	-52.8153	-20.5804	0.0042	0.0001	0.0001
939	AASHTO-III	1.0111	-35.7302	-23.1746	0.0046	0.0003	-0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
939	AASHTO-VBA	4.2203	-41.1519	-22.8185	0.0052	0.0004	0.0003
939	AASHTO-VBB	1.2796	-51.0182	-24.1439	0.0065	0.0001	0.0002
939	AASHTO-VBC	4.2124	-42.3694	-19.5159	0.0055	0.0003	0.0004
939	AASHTO-VBD	1.2781	-52.2979	-21.0442	0.0068	0.0001	0.0002
939	AASHTO-I-S	0.5265	-17.9610	-15.3629	0.0022	0.0001	0.0000
939	AASHTO-B-S	0.9252	-18.2579	-14.3494	0.0022	0.0001	0.0000
939	AASHTO-BI-S	1.0476	-19.8385	-15.9654	0.0025	0.0002	0.0000
939	AASHTO-VBA-S	3.2359	-21.8942	-15.5230	0.0029	0.0003	0.0001
939	AASHTO-VBB-S	0.9794	-26.0663	-18.2989	0.0035	0.0001	0.0001
940	AASHTO-I	1.3903	-52.6005	-23.8330	0.0041	0.0004	-0.0002
940	AASHTO-II	1.2119	-52.8132	-20.6159	0.0042	0.0001	0.0001
940	AASHTO-III	1.0149	-35.7342	-23.3393	0.0046	0.0003	-0.0001
940	AASHTO-VBA	4.2239	-41.1523	-22.8107	0.0052	0.0003	0.0004
940	AASHTO-VBB	1.2842	-51.0138	-24.1959	0.0066	0.0001	0.0002
940	AASHTO-VBC	4.2156	-42.3697	-19.7075	0.0055	0.0003	0.0004
940	AASHTO-VBD	1.2801	-52.2937	-21.0670	0.0068	0.0001	0.0002
940	AASHTO-I-S	0.5289	-17.9616	-15.4436	0.0022	0.0001	0.0000
940	AASHTO-B-S	0.9284	-18.2585	-14.3822	0.0022	0.0001	0.0000
940	AASHTO-BI-S	1.0502	-19.8391	-16.0529	0.0025	0.0002	0.0000
940	AASHTO-VBA-S	3.2394	-21.8935	-15.6690	0.0029	0.0002	0.0001
940	AASHTO-VBB-S	0.9825	-26.0630	-18.3390	0.0035	0.0001	0.0001
941	AASHTO-I	1.3937	-52.6048	-24.0184	0.0041	0.0003	-0.0002
941	AASHTO-II	1.2145	-52.8085	-20.6438	0.0041	0.0000	0.0001
941	AASHTO-III	1.0183	-35.7355	-23.4713	0.0046	0.0002	-0.0001
941	AASHTO-VBA	4.2270	-41.1496	-22.9717	0.0052	0.0003	0.0004
941	AASHTO-VBB	1.2891	-51.0058	-24.2152	0.0065	0.0000	0.0003
941	AASHTO-VBC	4.2194	-42.3670	-19.8730	0.0055	0.0003	0.0004
941	AASHTO-VBD	1.2837	-52.2900	-21.1209	0.0068	0.0000	0.0002
941	AASHTO-I-S	0.5311	-17.9607	-15.5029	0.0022	0.0001	0.0000
941	AASHTO-B-S	0.9304	-18.2536	-14.4156	0.0022	0.0000	0.0001
941	AASHTO-BI-S	1.0525	-19.8381	-16.1777	0.0025	0.0001	0.0000
941	AASHTO-VBA-S	3.2405	-21.8910	-15.7952	0.0028	0.0002	0.0002
941	AASHTO-VBB-S	0.9852	-26.0574	-18.3565	0.0035	0.0000	0.0001
942	AASHTO-I	1.3968	-52.6064	-24.1686	0.0041	0.0003	-0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
662	AASHTO-E	1.2171	-32.8011	-20.6445	0.0041	0.0005	0.0002
662	AASHTO-EE	1.5215	-35.7339	-23.5706	0.0046	0.0002	-0.0001
662	AASHTO-VBA	4.2296	-41.1437	-23.1034	0.0052	0.0002	0.0005
662	AASHTO-VBB	1.2918	-50.9642	-24.2021	0.0065	0.0000	0.0003
662	AASHTO-VBC	4.2207	-42.3629	-20.5133	0.0055	0.0001	0.0005
662	AASHTO-VBD	1.2668	-52.2743	-21.1195	0.0067	0.0000	0.0003
662	AASHTO-I-E	0.5330	-17.9583	-15.5409	0.0022	0.0001	0.0000
662	AASHTO-II-E	0.8322	-18.2491	-14.4203	0.0022	0.0000	0.0001
662	AASHTO-III-E	1.0547	-19.8352	-16.2401	0.0025	0.0001	0.0000
662	AASHTO-VBA-E	3.2422	-21.8895	-15.8013	0.0028	0.0002	0.0002
662	AASHTO-VBB-E	0.9677	-26.0494	-16.3519	0.0035	0.0000	0.0001
663	AASHTO-I	1.3997	-32.8067	-24.2687	0.0041	0.0002	-0.0003
663	AASHTO-E	1.2194	-32.7923	-20.6202	0.0041	0.0006	0.0002
663	AASHTO-EE	1.5243	-35.7308	-23.6387	0.0046	0.0002	-0.0001
663	AASHTO-VBA	4.2317	-41.1362	-23.2092	0.0052	0.0002	0.0006
663	AASHTO-VBB	1.2946	-50.9602	-24.1595	0.0065	0.0006	0.0004
663	AASHTO-VBC	4.2225	-42.3533	-20.1312	0.0055	0.0003	0.0006
663	AASHTO-VBD	1.2696	-52.2606	-21.0992	0.0067	0.0000	0.0004
663	AASHTO-I-E	0.5348	-17.9681	-15.5567	0.0022	0.0001	0.0000
663	AASHTO-II-E	0.8337	-18.2439	-14.4077	0.0022	0.0000	0.0001
663	AASHTO-III-E	1.0565	-19.8318	-16.2819	0.0025	0.0001	0.0000
663	AASHTO-VBA-E	3.2435	-21.8911	-15.8898	0.0028	0.0002	0.0003
663	AASHTO-VBB-E	0.9698	-26.0462	-16.3273	0.0035	0.0000	0.0002
664	AASHTO-I	1.3998	-32.4488	-19.8792	0.0041	0.0004	-0.0005
664	AASHTO-E	1.1745	-32.7648	-17.8120	0.0041	0.0002	-0.0001
664	AASHTO-EE	1.4784	-35.6025	-18.7838	0.0046	0.0004	-0.0004
664	AASHTO-VBA	4.1851	-41.0585	-17.5846	0.0052	0.0004	0.0002
664	AASHTO-VBB	1.2364	-50.9432	-19.6868	0.0064	0.0002	-0.0001
664	AASHTO-VBC	4.1817	-42.2705	-14.3775	0.0055	0.0004	0.0003
664	AASHTO-VBD	1.2376	-52.2212	-16.7655	0.0067	0.0002	-0.0001
664	AASHTO-I-E	0.5035	-17.9121	-13.2014	0.0022	0.0002	-0.0001
664	AASHTO-II-E	0.9027	-18.2296	-12.5759	0.0022	0.0001	0.0000
664	AASHTO-III-E	1.0229	-19.7900	-13.3310	0.0025	0.0002	-0.0001
664	AASHTO-VBA-E	3.2104	-21.8453	-12.2782	0.0028	0.0003	0.0001

LARSA 4D

Administrador
CONSTRUCTORA MOYEDA SA DE CV
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Last Analysis Run : 16/01/2009 06:39:17 p.m.

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
664	AASHTO-VBB-E	0.9499	-26.0215	-13.8587	0.0035	0.0001	0.0000
665	AASHTO-I	1.3604	-32.4683	-19.1594	0.0041	0.0005	-0.0004
665	AASHTO-E	1.1783	-32.7772	-17.7334	0.0041	0.0002	0.0000
665	AASHTO-EE	1.4824	-35.6227	-18.8979	0.0046	0.0004	-0.0003
665	AASHTO-VBA	4.1894	-41.0748	-17.8051	0.0052	0.0004	0.0002
665	AASHTO-VBB	1.2412	-50.9617	-20.1224	0.0065	0.0002	-0.0001
665	AASHTO-VBC	4.1859	-42.2937	-14.6387	0.0055	0.0004	0.0002
665	AASHTO-VBD	1.2421	-52.2399	-16.8079	0.0067	0.0002	0.0000
665	AASHTO-I-E	0.5059	-17.9210	-13.3268	0.0022	0.0002	-0.0001
665	AASHTO-II-E	0.9051	-18.2309	-12.6649	0.0022	0.0001	0.0000
665	AASHTO-III-E	1.0256	-19.7905	-13.4989	0.0025	0.0003	-0.0001
665	AASHTO-VBA-E	3.2132	-21.8557	-12.4818	0.0028	0.0003	0.0001
665	AASHTO-VBB-E	0.9518	-26.0331	-13.9545	0.0035	0.0001	0.0000
666	AASHTO-I	1.3620	-32.4901	-19.4819	0.0041	0.0005	-0.0004
666	AASHTO-E	1.1798	-32.7896	-17.8679	0.0041	0.0002	0.0000
666	AASHTO-EE	1.4842	-35.6428	-18.9485	0.0046	0.0004	-0.0002
666	AASHTO-VBA	4.1918	-41.0927	-18.1348	0.0052	0.0004	0.0002
666	AASHTO-VBB	1.2432	-50.9800	-20.2716	0.0065	0.0002	0.0000
666	AASHTO-VBC	4.1877	-42.3115	-14.9089	0.0055	0.0004	0.0002
666	AASHTO-VBD	1.2437	-52.2584	-17.0456	0.0068	0.0002	0.0000
666	AASHTO-I-E	0.5071	-17.9298	-13.4638	0.0022	0.0002	-0.0001
666	AASHTO-II-E	0.9065	-18.2432	-12.7930	0.0022	0.0001	0.0000
666	AASHTO-III-E	1.0269	-19.8010	-13.6543	0.0025	0.0003	-0.0001
666	AASHTO-VBA-E	3.2149	-21.8657	-12.6990	0.0028	0.0003	0.0001
666	AASHTO-VBB-E	0.9533	-26.0445	-14.0614	0.0035	0.0001	0.0000
667	AASHTO-I	1.3647	-32.5078	-19.7397	0.0041	0.0005	-0.0003
667	AASHTO-E	1.1823	-32.7996	-17.8772	0.0042	0.0002	0.0000
667	AASHTO-EE	1.4868	-35.6592	-18.4734	0.0046	0.0004	-0.0002
667	AASHTO-VBA	4.1946	-41.1068	-18.3858	0.0052	0.0004	0.0002
667	AASHTO-VBB	1.2462	-50.9937	-20.3908	0.0065	0.0002	0.0000
667	AASHTO-VBC	4.1903	-42.3254	-15.1497	0.0055	0.0004	0.0002
667	AASHTO-VBD	1.2464	-52.2722	-17.1589	0.0068	0.0002	0.0000
667	AASHTO-I-E	0.5088	-17.9369	-13.5839	0.0022	0.0002	-0.0001
667	AASHTO-II-E	0.9081	-18.2485	-12.8458	0.0023	0.0001	0.0000

LARSA 4D

Administrador
CONSTRUCTORA MOYEDA SA DE CV
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Last Analysis Run : 16/01/2009 06:39:17 p.m.

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
667	AASHTO-BL-S	1,0286	-19,8093	-13,8039	0,0025	0,0002	-0,0001
667	AASHTO-VBA-S	3,2171	-21,8736	-12,8798	0,0028	0,0003	0,0001
667	AASHTO-VBB-S	0,9555	-26,0631	-14,1483	0,0035	0,0001	0,0000
668	AASHTO-I	1,3676	-32,5231	-19,8824	0,0041	0,0004	-0,0003
668	AASHTO-II	1,1849	-32,3056	-19,6827	0,0042	0,0001	0,0000
668	AASHTO-III	1,4699	-35,6735	-19,6727	0,0046	0,0003	-0,0002
668	AASHTO-VIA	4,1977	-41,1184	-18,8106	0,0052	0,0004	0,0002
668	AASHTO-VIIB	1,2484	-51,0045	-20,4818	0,0065	0,0001	0,0000
668	AASHTO-VIIC	4,1628	-42,3369	-15,3701	0,0055	0,0004	0,0002
668	AASHTO-VIID	1,2462	-52,2631	-17,2436	0,0068	0,0001	0,0000
668	AASHTO-I-E	0,5106	-17,9427	-13,6871	0,0022	0,0002	-0,0001
668	AASHTO-II-E	0,9100	-18,2526	-12,9079	0,0022	0,0001	0,0000
668	AASHTO-III-E	1,0309	-19,8183	-13,9358	0,0028	0,0002	-0,0001
668	AASHTO-VIIA-E	3,2183	-21,8798	-13,0487	0,0028	0,0003	0,0001
668	AASHTO-VIIB-E	0,9578	-26,0598	-14,2181	0,0035	0,0001	0,0000
669	AASHTO-I	1,3708	-32,5302	-20,2194	0,0041	0,0004	-0,0003
669	AASHTO-II	1,1877	-32,3101	-19,1245	0,0042	0,0001	0,0000
669	AASHTO-III	1,4931	-35,6851	-19,8482	0,0046	0,0003	-0,0002
669	AASHTO-VIIA	4,2008	-41,1271	-18,8100	0,0052	0,0003	0,0002
669	AASHTO-VIIB	1,2529	-51,0118	-20,5446	0,0065	0,0001	0,0000
669	AASHTO-VIIC	4,1955	-42,3454	-15,5987	0,0055	0,0003	0,0002
669	AASHTO-VIID	1,2521	-52,2905	-17,3058	0,0068	0,0001	0,0000
669	AASHTO-I-E	0,5129	-17,9471	-13,7729	0,0023	0,0001	-0,0001
669	AASHTO-II-E	0,9129	-18,2553	-12,9656	0,0022	0,0001	0,0000
669	AASHTO-III-E	1,0332	-19,8217	-14,0498	0,0028	0,0002	-0,0001
669	AASHTO-VIIA-E	3,2215	-21,8843	-13,2032	0,0028	0,0003	0,0001
669	AASHTO-VIIB-E	0,9603	-26,0643	-14,2649	0,0035	0,0001	0,0000
670	AASHTO-I	1,3742	-32,5472	-20,4209	0,0041	0,0004	-0,0003
670	AASHTO-II	1,1906	-32,3134	-19,1637	0,0042	0,0001	0,0000
670	AASHTO-III	1,4965	-35,6944	-19,8545	0,0046	0,0003	-0,0002
670	AASHTO-VIIA	4,2038	-41,1332	-18,8857	0,0052	0,0003	0,0002
670	AASHTO-VIIB	1,2565	-51,0159	-20,5805	0,0065	0,0001	0,0001
670	AASHTO-VIIC	4,1991	-42,3512	-15,7470	0,0055	0,0003	0,0003
670	AASHTO-VIID	1,2553	-52,2947	-17,3444	0,0068	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
670	AASHTO-I-E	0,5152	-17,9503	-13,8419	0,0022	0,0001	-0,0001
670	AASHTO-II-E	0,9140	-18,2566	-12,9874	0,0022	0,0001	0,0000
670	AASHTO-III-E	1,0356	-19,8257	-14,1484	0,0025	0,0002	-0,0001
670	AASHTO-VIIA-E	3,2237	-21,8873	-13,3485	0,0028	0,0002	0,0001
670	AASHTO-VIIB-E	0,9628	-26,0668	-14,2954	0,0035	0,0001	0,0000
671	AASHTO-I	1,3770	-32,5546	-20,5980	0,0041	0,0004	-0,0003
671	AASHTO-II	1,1929	-32,3110	-19,1804	0,0042	0,0001	0,0000
671	AASHTO-III	1,4992	-35,6898	-20,1170	0,0046	0,0003	-0,0002
671	AASHTO-VIIA	4,2068	-41,1347	-19,1382	0,0052	0,0003	0,0003
671	AASHTO-VIIB	1,2594	-51,0146	-20,5969	0,0065	0,0001	0,0001
671	AASHTO-VIIC	4,1998	-42,3526	-15,9053	0,0055	0,0003	0,0003
671	AASHTO-VIID	1,2576	-52,2937	-17,3588	0,0068	0,0001	0,0001
671	AASHTO-II-E	0,9171	-17,9514	-13,8808	0,0022	0,0001	-0,0001
671	AASHTO-II-E	0,9157	-18,2599	-13,0039	0,0022	0,0001	0,0000
671	AASHTO-III-E	1,0376	-19,8273	-14,2255	0,0025	0,0002	-0,0001
671	AASHTO-VIIA-E	3,2253	-21,8874	-13,4626	0,0028	0,0003	0,0001
671	AASHTO-VIIB-E	0,9650	-26,0659	-14,3079	0,0035	0,0001	0,0000
672	AASHTO-I	1,3824	-32,5618	-20,7909	0,0041	0,0004	-0,0003
672	AASHTO-II	1,1978	-32,3095	-19,2156	0,0042	0,0001	0,0001
672	AASHTO-III	1,5047	-35,7049	-20,2597	0,0046	0,0003	-0,0002
672	AASHTO-VIIA	4,2117	-41,1363	-19,3129	0,0052	0,0004	0,0003
672	AASHTO-VIIB	1,2656	-51,0131	-20,6186	0,0065	0,0001	0,0001
672	AASHTO-VIIC	4,2050	-42,3540	-16,0831	0,0055	0,0004	0,0004
672	AASHTO-VIID	1,2634	-52,2921	-17,3618	0,0068	0,0001	0,0001
672	AASHTO-II-E	0,9205	-17,9523	-13,9586	0,0022	0,0001	-0,0001
672	AASHTO-II-E	0,9190	-18,2548	-13,0333	0,0022	0,0001	0,0000
672	AASHTO-III-E	1,0412	-19,8287	-14,3187	0,0025	0,0002	-0,0001
672	AASHTO-VIIA-E	3,2291	-21,8876	-13,6002	0,0028	0,0003	0,0001
672	AASHTO-VIIB-E	0,9693	-26,0646	-14,3352	0,0035	0,0001	0,0001
673	AASHTO-I	1,3877	-32,5744	-21,0440	0,0041	0,0004	-0,0003
673	AASHTO-II	1,2026	-32,3134	-19,3031	0,0042	0,0001	0,0001
673	AASHTO-III	1,5101	-35,7154	-20,4594	0,0046	0,0003	-0,0002
673	AASHTO-VIIA	4,2186	-41,1440	-19,5449	0,0052	0,0004	0,0003
673	AASHTO-VIIB	1,2717	-51,0178	-20,7108	0,0065	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
673	AASHTO-VBC	4,2098	-42,3615	-16,3116	0,0055	0,0004	0,0005
673	AASHTO-VBD	1,2690	-52,2999	-17,4906	0,0068	0,0001	0,0001
673	AASHTO-II-S	0,5239	-17,9565	-14,0813	0,0022	0,0002	-0,0001
673	AASHTO-II-S	0,9222	-18,2570	-13,0981	0,0022	0,0001	0,0000
673	AASHTO-BI-S	1,0448	-19,8353	-14,4499	0,0025	0,0002	-0,0001
673	AASHTO-VBA-S	3,2525	-21,8814	-13,7702	0,0028	0,0003	0,0001
673	AASHTO-VBB-S	0,9734	-26,0671	-14,4016	0,0035	0,0001	0,0001
674	AASHTO-I	1,3906	-32,3948	-21,3190	0,0041	0,0004	-0,0002
674	AASHTO-II	1,2051	-32,8170	-18,4674	0,0042	0,0001	0,0001
674	AASHTO-III	1,3130	-35,7257	-20,6796	0,0046	0,0003	-0,0001
674	AASHTO-VIA	4,2196	-41,1516	-18,7629	0,0052	0,0004	0,0003
674	AASHTO-VIB	1,2748	-51,0216	-20,8238	0,0065	0,0001	0,0001
674	AASHTO-VIC	4,2121	-42,3684	-16,5533	0,0055	0,0004	0,0003
674	AASHTO-VID	1,2719	-52,3010	-17,5862	0,0068	0,0001	0,0001
674	AASHTO-I-S	0,5258	-17,9603	-14,1777	0,0022	0,0002	0,0000
674	AASHTO-II-S	0,9240	-18,2581	-13,1747	0,0022	0,0001	0,0000
674	AASHTO-BI-S	1,0468	-19,8377	-14,5062	0,0025	0,0002	0,0000
674	AASHTO-VBA-S	3,2547	-21,8847	-13,8610	0,0028	0,0003	0,0001
674	AASHTO-VBB-S	0,9757	-26,0690	-14,4615	0,0035	0,0001	0,0001
675	AASHTO-I	1,3941	-32,3956	-21,5677	0,0041	0,0004	-0,0002
675	AASHTO-II	1,2080	-32,8178	-18,4879	0,0042	0,0001	0,0001
675	AASHTO-III	1,3164	-35,7320	-20,8736	0,0046	0,0003	-0,0001
675	AASHTO-VIA	4,2231	-41,1537	-20,0131	0,0052	0,0004	0,0003
675	AASHTO-VIB	1,2785	-51,0203	-20,9005	0,0065	0,0001	0,0001
675	AASHTO-VIC	4,2149	-42,3712	-16,7705	0,0055	0,0004	0,0003
675	AASHTO-VID	1,2748	-52,2999	-17,6882	0,0068	0,0001	0,0001
675	AASHTO-I-S	0,5280	-17,9621	-14,2772	0,0022	0,0001	0,0000
675	AASHTO-II-S	0,9261	-18,2588	-13,2348	0,0022	0,0001	0,0000
675	AASHTO-BI-S	1,0494	-19,8396	-14,7228	0,0028	0,0002	0,0000
675	AASHTO-VBA-S	3,2570	-21,8854	-14,1280	0,0028	0,0003	0,0001
675	AASHTO-VBB-S	0,9783	-26,0677	-14,5423	0,0035	0,0001	0,0001
676	AASHTO-I	1,3974	-32,4022	-21,7892	0,0041	0,0004	-0,0002
676	AASHTO-II	1,2109	-32,8148	-18,5452	0,0042	0,0001	0,0001
676	AASHTO-III	1,3196	-35,7309	-21,0407	0,0046	0,0003	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
676	AASHTO-VIA	4,2280	-41,1540	-20,2074	0,0052	0,0003	0,0003
676	AASHTO-VIB	1,2818	-51,0159	-20,9607	0,0065	0,0001	0,0002
676	AASHTO-VIC	4,2179	-42,3713	-16,9851	0,0055	0,0003	0,0003
676	AASHTO-VID	1,2777	-52,2997	-17,7219	0,0068	0,0001	0,0002
676	AASHTO-I-S	0,5302	-17,9626	-14,3591	0,0022	0,0001	0,0000
676	AASHTO-II-S	0,9281	-18,2575	-13,2798	0,0022	0,0001	0,0000
676	AASHTO-BI-S	1,0517	-19,8402	-14,8317	0,0025	0,0002	0,0000
676	AASHTO-VBA-S	3,2591	-21,8846	-14,2771	0,0028	0,0002	0,0001
676	AASHTO-VBB-S	0,9808	-26,0643	-14,5843	0,0035	0,0001	0,0001
677	AASHTO-I	1,4005	-32,4095	-21,9815	0,0041	0,0003	-0,0002
677	AASHTO-II	1,2133	-32,8121	-18,5795	0,0042	0,0000	0,0001
677	AASHTO-III	1,3226	-35,7373	-21,1796	0,0046	0,0002	-0,0001
677	AASHTO-VIA	4,2285	-41,1514	-20,3705	0,0052	0,0003	0,0003
677	AASHTO-VIB	1,2849	-51,0079	-20,9976	0,0065	0,0000	0,0002
677	AASHTO-VIC	4,2194	-42,3686	-17,1373	0,0055	0,0003	0,0003
677	AASHTO-VID	1,2803	-52,2979	-17,7530	0,0068	0,0000	0,0002
677	AASHTO-I-S	0,5322	-17,9618	-14,4225	0,0022	0,0001	0,0000
677	AASHTO-II-S	0,9298	-18,2546	-13,3008	0,0022	0,0000	0,0000
677	AASHTO-BI-S	1,0539	-19,8392	-14,9213	0,0025	0,0001	0,0000
677	AASHTO-VBA-S	3,2609	-21,8821	-14,4082	0,0028	0,0002	0,0001
677	AASHTO-VBB-S	0,9830	-26,0598	-14,6071	0,0035	0,0000	0,0001
678	AASHTO-I	1,4053	-32,4058	-22,1444	0,0041	0,0003	-0,0002
678	AASHTO-II	1,2154	-32,8034	-18,5861	0,0041	0,0000	0,0001
678	AASHTO-III	1,3253	-35,7394	-21,2908	0,0046	0,0002	0,0000
678	AASHTO-VIA	4,2305	-41,1483	-20,5183	0,0052	0,0003	0,0004
678	AASHTO-VIB	1,2877	-50,9970	-20,9864	0,0065	0,0000	0,0002
678	AASHTO-VIC	4,2210	-42,3634	-17,2878	0,0055	0,0003	0,0004
678	AASHTO-VID	1,2827	-52,2772	-17,7596	0,0067	0,0000	0,0002
678	AASHTO-I-S	0,5341	-17,9596	-14,4572	0,0022	0,0001	0,0000
678	AASHTO-II-S	0,9314	-18,2505	-13,3188	0,0022	0,0000	0,0001
678	AASHTO-BI-S	1,0557	-19,8369	-14,9917	0,0025	0,0001	0,0000
678	AASHTO-VBA-S	3,2423	-21,8881	-14,5220	0,0028	0,0002	0,0001
678	AASHTO-VBB-S	0,9850	-26,0515	-14,6109	0,0035	0,0000	0,0001
679	AASHTO-I	1,4051	-32,4078	-22,2759	0,0041	0,0003	-0,0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
679	AASHTO-8	1.2186	-32.7933	-18.5735	0.0041	0.0000	0.0002
679	AASHTO-8I	1.5270	-35.7320	-21.3724	0.0046	0.0002	0.0000
679	AASHTO-VIIA	4.2313	-41.1370	-20.6360	0.0052	0.0003	0.0005
679	AASHTO-VIIB	1.2893	-50.9615	-20.9564	0.0065	0.0000	0.0003
679	AASHTO-VIIC	4.2218	-42.3540	-17.4185	0.0055	0.0003	0.0005
679	AASHTO-VIID	1.2638	-52.2618	-17.7409	0.0067	0.0000	0.0003
679	AASHTO-I-E	0.5353	-17.9658	-14.4925	0.0022	0.0001	0.0000
679	AASHTO-8-E	0.9323	-18.2444	-13.3106	0.0022	0.0000	0.0001
679	AASHTO-8I-E	1.0509	-19.8323	-15.0421	0.0025	0.0001	0.0000
679	AASHTO-VIIA-E	3.2429	-21.8816	-14.6191	0.0028	0.0002	0.0002
679	AASHTO-VIIB-E	0.9851	-26.0410	-14.5958	0.0035	0.0000	0.0001
680	AASHTO-I	1.4092	-32.9070	-22.4252	0.0041	0.0003	-0.0002
680	AASHTO-8	1.2293	-32.7833	-18.5757	0.0041	0.0001	0.0002
680	AASHTO-8I	1.5312	-35.7215	-21.4725	0.0046	0.0002	0.0000
680	AASHTO-VIIA	4.2354	-41.1282	-20.7767	0.0052	0.0003	0.0005
680	AASHTO-VIIB	1.2940	-50.9659	-20.9462	0.0064	0.0000	0.0004
680	AASHTO-VIIC	4.2254	-42.3449	-17.5659	0.0055	0.0003	0.0006
680	AASHTO-VIID	1.2884	-52.2484	-17.7396	0.0067	0.0001	0.0004
680	AASHTO-I-E	0.5378	-17.9620	-14.5293	0.0022	0.0001	0.0000
680	AASHTO-8-E	0.9347	-18.2384	-13.3166	0.0022	0.0000	0.0001
680	AASHTO-8I-E	1.0596	-19.8278	-15.1055	0.0025	0.0001	0.0000
680	AASHTO-VIIA-E	3.2455	-21.8754	-14.7328	0.0028	0.0002	0.0002
680	AASHTO-VIIB-E	0.9893	-26.0306	-14.5947	0.0035	0.0000	0.0002
681	AASHTO-I	1.3670	-32.4548	-18.8877	0.0041	0.0004	-0.0003
681	AASHTO-8	1.1782	-32.7712	-15.6040	0.0041	0.0002	0.0000
681	AASHTO-8I	1.4881	-35.8091	-18.5277	0.0046	0.0005	-0.0002
681	AASHTO-VIIA	4.1934	-41.0840	-15.0454	0.0052	0.0004	0.0001
681	AASHTO-VIIB	1.2432	-50.9513	-16.8365	0.0065	0.0002	-0.0001
681	AASHTO-VIIC	4.1906	-42.2830	-11.6922	0.0055	0.0004	0.0001
681	AASHTO-VIID	1.2450	-52.2292	-13.4843	0.0067	0.0001	-0.0001
681	AASHTO-I-E	0.5084	-17.9159	-12.1599	0.0022	0.0002	-0.0001
681	AASHTO-8-E	0.9045	-18.2324	-11.5035	0.0022	0.0001	0.0000
681	AASHTO-8I-E	1.0270	-19.7940	-12.1129	0.0025	0.0002	-0.0001
681	AASHTO-VIIA-E	3.2146	-21.8498	-10.8271	0.0029	0.0003	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
681	AASHTO-VIIB-E	0.9525	-26.0285	-12.1561	0.0035	0.0001	0.0000
682	AASHTO-I	1.3694	-32.4735	-17.1486	0.0041	0.0005	-0.0003
682	AASHTO-8	1.1806	-32.7814	-15.7010	0.0042	0.0002	0.0000
682	AASHTO-8I	1.4907	-35.8271	-18.7368	0.0046	0.0004	-0.0002
682	AASHTO-VIIA	4.1965	-41.0796	-15.2980	0.0052	0.0004	0.0001
682	AASHTO-VIIB	1.2462	-50.9671	-16.9385	0.0065	0.0002	-0.0001
682	AASHTO-VIIC	4.1934	-42.2995	-11.8282	0.0055	0.0004	0.0001
682	AASHTO-VIID	1.2478	-52.2452	-13.5797	0.0068	0.0002	0.0000
682	AASHTO-I-E	0.5090	-17.9235	-12.2883	0.0022	0.0002	-0.0001
682	AASHTO-8-E	0.9091	-18.2384	-11.5764	0.0022	0.0001	0.0000
682	AASHTO-8I-E	1.0287	-19.7933	-12.2590	0.0026	0.0002	-0.0001
682	AASHTO-VIIA-E	3.2167	-21.8586	-11.1115	0.0029	0.0003	0.0000
682	AASHTO-VIIB-E	0.9546	-26.0365	-12.2319	0.0035	0.0001	0.0000
683	AASHTO-I	1.3717	-32.4925	-17.4196	0.0042	0.0005	-0.0002
683	AASHTO-8	1.1828	-32.7920	-15.8054	0.0042	0.0002	0.0000
683	AASHTO-8I	1.4931	-35.8453	-18.8545	0.0047	0.0004	-0.0002
683	AASHTO-VIIA	4.1992	-41.0955	-15.5359	0.0053	0.0004	0.0001
683	AASHTO-VIIB	1.2488	-50.9831	-17.0485	0.0066	0.0002	0.0000
683	AASHTO-VIIC	4.1957	-42.3142	-12.1680	0.0056	0.0004	0.0001
683	AASHTO-VIID	1.2500	-52.2613	-13.6829	0.0068	0.0002	0.0000
683	AASHTO-I-E	0.5096	-17.9314	-12.3826	0.0022	0.0002	-0.0001
683	AASHTO-8-E	0.9077	-18.2447	-11.6543	0.0023	0.0001	0.0000
683	AASHTO-8I-E	1.0305	-19.8027	-12.3954	0.0026	0.0002	-0.0001
683	AASHTO-VIIA-E	3.2187	-21.8675	-11.2996	0.0029	0.0003	0.0000
683	AASHTO-VIIB-E	0.9565	-26.0466	-12.3134	0.0036	0.0001	0.0000
684	AASHTO-I	1.3742	-32.5106	-17.6852	0.0042	0.0004	-0.0002
684	AASHTO-8	1.1851	-32.8010	-15.9010	0.0042	0.0002	0.0000
684	AASHTO-8I	1.4955	-35.8618	-17.1641	0.0047	0.0003	-0.0001
684	AASHTO-VIIA	4.2018	-41.1095	-15.7724	0.0053	0.0004	0.0001
684	AASHTO-VIIB	1.2512	-50.9998	-17.1498	0.0066	0.0002	0.0000
684	AASHTO-VIIC	4.1978	-42.3290	-12.3979	0.0055	0.0004	0.0001
684	AASHTO-VIID	1.2519	-52.2751	-13.7758	0.0068	0.0001	0.0000
684	AASHTO-I-E	0.5113	-17.9384	-12.4933	0.0022	0.0002	-0.0001
684	AASHTO-8-E	0.9094	-18.2500	-11.7291	0.0023	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
684	AASHTO-BI-S	1,0523	-19,8110	-12,5350	0,0028	0,0002	-0,0001
684	AASHTO-VBA-S	3,2207	-21,8702	-11,4796	0,0029	0,0003	0,0000
684	AASHTO-VBB-S	0,9583	-26,0681	-12,3681	0,0036	0,0001	0,0000
685	AASHTO-I	1,5734	-32,5254	-17,9299	0,0042	0,0004	-0,0002
685	AASHTO-II	1,1878	-32,8078	-15,9954	0,0042	0,0001	0,0000
685	AASHTO-III	1,4866	-35,6758	-17,3586	0,0047	0,0003	-0,0001
685	AASHTO-VBA	4,2049	-41,1209	-16,9811	0,0053	0,0004	0,0001
685	AASHTO-VBB	1,2543	-51,0073	-17,2318	0,0066	0,0001	0,0000
685	AASHTO-VBC	4,2003	-42,3092	-12,8128	0,0056	0,0004	0,0001
685	AASHTO-VBD	1,2544	-52,2858	-13,8549	0,0068	0,0001	0,0000
685	AASHTO-I-S	0,5135	-17,9441	-12,5825	0,0022	0,0002	0,0000
685	AASHTO-II-S	0,9115	-19,2546	-11,7984	0,0023	0,0001	0,0000
685	AASHTO-BI-S	1,0348	-19,8179	-12,8625	0,0029	0,0002	0,0000
685	AASHTO-VBA-S	3,2230	-21,8814	-11,8458	0,0029	0,0003	0,0000
685	AASHTO-VBB-S	0,9626	-26,0817	-12,4500	0,0036	0,0001	0,0000
686	AASHTO-I	1,3908	-32,5387	-18,1584	0,0042	0,0004	-0,0002
686	AASHTO-II	1,1907	-32,8124	-16,0434	0,0042	0,0001	0,0000
686	AASHTO-III	1,3019	-35,6877	-17,5312	0,0047	0,0003	-0,0001
686	AASHTO-VBA	4,2090	-41,1298	-16,1924	0,0053	0,0003	0,0001
686	AASHTO-VBB	1,2575	-51,0146	-17,2548	0,0066	0,0001	0,0000
686	AASHTO-VBC	4,2027	-42,3478	-12,8129	0,0056	0,0003	0,0001
686	AASHTO-VBD	1,2570	-52,2934	-13,8170	0,0068	0,0001	0,0000
686	AASHTO-I-S	0,5159	-17,9487	-12,6793	0,0022	0,0001	0,0000
686	AASHTO-II-S	0,9137	-19,2568	-11,8349	0,0023	0,0001	0,0000
686	AASHTO-BI-S	1,0370	-19,8234	-12,7773	0,0029	0,0002	0,0000
686	AASHTO-VBA-S	3,2253	-21,8881	-11,8007	0,0029	0,0003	0,0000
686	AASHTO-VBB-S	0,9630	-26,0853	-12,4986	0,0036	0,0001	0,0000
687	AASHTO-I	1,3846	-32,5497	-18,3696	0,0042	0,0004	-0,0002
687	AASHTO-II	1,1832	-32,8147	-16,0912	0,0042	0,0001	0,0000
687	AASHTO-III	1,3049	-35,6999	-17,6888	0,0047	0,0003	-0,0001
687	AASHTO-VBA	4,2105	-41,1358	-16,3781	0,0053	0,0003	0,0001
687	AASHTO-VBB	1,2602	-51,0199	-17,3483	0,0066	0,0001	0,0000
687	AASHTO-VBC	4,2047	-42,3537	-13,0000	0,0056	0,0003	0,0001
687	AASHTO-VBD	1,2592	-52,2975	-13,9642	0,0068	0,0001	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
687	AASHTO-I-S	0,5180	-17,9518	-12,7544	0,0022	0,0001	0,0000
687	AASHTO-II-S	0,9139	-19,2581	-11,8726	0,0023	0,0001	0,0000
687	AASHTO-BI-S	1,0392	-19,8275	-12,8803	0,0029	0,0002	0,0000
687	AASHTO-VBA-S	3,2272	-21,8889	-11,8449	0,0029	0,0003	0,0000
687	AASHTO-VBB-S	0,9651	-26,0867	-12,5356	0,0036	0,0001	0,0000
688	AASHTO-I	1,3673	-32,5588	-18,5727	0,0042	0,0004	-0,0002
688	AASHTO-II	1,1960	-32,8152	-16,1324	0,0042	0,0001	0,0000
688	AASHTO-III	1,5081	-35,7042	-17,8390	0,0047	0,0003	-0,0001
688	AASHTO-VBA	4,2136	-41,1396	-16,5578	0,0053	0,0003	0,0002
688	AASHTO-VBB	1,2636	-51,0202	-17,3779	0,0066	0,0001	0,0001
688	AASHTO-VBC	4,2072	-42,3673	-13,1823	0,0056	0,0003	0,0002
688	AASHTO-VBD	1,2619	-52,2998	-14,0045	0,0068	0,0001	0,0001
688	AASHTO-I-S	0,5202	-17,9640	-12,8245	0,0022	0,0001	0,0000
688	AASHTO-II-S	0,9178	-19,2584	-11,9059	0,0023	0,0001	0,0000
688	AASHTO-BI-S	1,0415	-19,8301	-12,9781	0,0029	0,0002	0,0000
688	AASHTO-VBA-S	3,2294	-21,8905	-12,0852	0,0029	0,0003	0,0001
688	AASHTO-VBB-S	0,9674	-26,0894	-12,5673	0,0036	0,0001	0,0000
689	AASHTO-I	1,3910	-32,5663	-18,7868	0,0041	0,0004	-0,0002
689	AASHTO-II	1,1992	-32,8158	-16,1640	0,0042	0,0001	0,0000
689	AASHTO-III	1,5117	-35,7115	-18,0001	0,0047	0,0003	-0,0001
689	AASHTO-VBA	4,2168	-41,1435	-16,7498	0,0053	0,0004	0,0002
689	AASHTO-VBB	1,2672	-51,0212	-17,4275	0,0065	0,0001	0,0001
689	AASHTO-VBC	4,2101	-42,3811	-13,3754	0,0055	0,0004	0,0002
689	AASHTO-VBD	1,2652	-52,3001	-14,2053	0,0068	0,0001	0,0001
689	AASHTO-I-S	0,5229	-17,9661	-12,9014	0,0022	0,0001	0,0000
689	AASHTO-II-S	0,9198	-19,2587	-11,9463	0,0023	0,0001	0,0000
689	AASHTO-BI-S	1,0440	-19,8328	-13,0834	0,0029	0,0002	0,0000
689	AASHTO-VBA-S	3,2317	-21,8920	-12,2339	0,0029	0,0003	0,0001
689	AASHTO-VBB-S	0,9701	-26,0897	-12,6068	0,0036	0,0001	0,0000
690	AASHTO-I	1,3947	-32,5787	-19,0225	0,0042	0,0004	-0,0002
690	AASHTO-II	1,2024	-32,8175	-16,2546	0,0042	0,0001	0,0000
690	AASHTO-III	1,5153	-35,7199	-18,1822	0,0047	0,0003	-0,0001
690	AASHTO-VBA	4,2204	-41,1486	-16,9625	0,0053	0,0004	0,0002
690	AASHTO-VBB	1,2710	-51,0231	-17,4983	0,0065	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
690	AASHTO-VIIC	4.2131	-62.3690	-13.5898	0.0055	0.0004	0.0002
690	AASHTO-VIID	1.2585	-62.3021	-14.1257	0.0068	0.0001	0.0001
690	AASHTO-II-E	0.5250	-17.9590	-12.8826	0.0022	0.0002	0.0000
690	AASHTO-III-E	0.9020	-18.2596	-11.8998	0.0023	0.0001	0.0000
690	AASHTO-IB-S	1.0465	-19.8381	-13.2030	0.0029	0.0002	0.0000
690	AASHTO-VIIA-S	3.2341	-21.8843	-12.3963	0.0028	0.0003	0.0001
690	AASHTO-VIIB-S	0.9727	-26.0705	-12.6606	0.0036	0.0001	0.0000
691	AASHTO-I	1.3881	-32.5893	-19.2888	0.0042	0.0004	-0.0001
691	AASHTO-II	1.2052	-32.8183	-16.3347	0.0042	0.0001	0.0000
691	AASHTO-III	1.5186	-35.7282	-18.5755	0.0047	0.0003	-0.0001
691	AASHTO-VIIA	4.2233	-41.1536	-17.1846	0.0053	0.0004	0.0002
691	AASHTO-VIIB	1.2743	-51.0245	-17.5822	0.0066	0.0001	0.0001
691	AASHTO-VIIC	4.2195	-42.3709	-13.8054	0.0056	0.0004	0.0002
691	AASHTO-VIID	1.2712	-62.3039	-14.2057	0.0068	0.0001	0.0001
691	AASHTO-I-E	0.5273	-17.9618	-13.0912	0.0022	0.0002	0.0000
691	AASHTO-II-E	0.9241	-18.2605	-12.0598	0.0023	0.0001	0.0000
691	AASHTO-IB-S	1.0468	-19.8393	-13.3300	0.0029	0.0002	0.0000
691	AASHTO-VIIA-S	3.2363	-21.8964	-12.5946	0.0028	0.0003	0.0001
691	AASHTO-VIIB-S	0.9751	-26.0710	-12.7215	0.0036	0.0001	0.0000
692	AASHTO-I	1.4012	-32.5891	-19.5085	0.0042	0.0004	-0.0001
692	AASHTO-II	1.2077	-32.8193	-16.4075	0.0042	0.0001	0.0000
692	AASHTO-III	1.5218	-35.7345	-18.5826	0.0047	0.0003	-0.0001
692	AASHTO-VIIA	4.2259	-41.1564	-17.2670	0.0053	0.0004	0.0002
692	AASHTO-VIIB	1.2771	-51.0233	-17.6591	0.0066	0.0001	0.0001
692	AASHTO-VIIC	4.2176	-42.3736	-14.0161	0.0056	0.0004	0.0002
692	AASHTO-VIID	1.2734	-62.3027	-14.2779	0.0069	0.0001	0.0001
692	AASHTO-II-S	0.5294	-17.9636	-13.1847	0.0022	0.0001	0.0000
692	AASHTO-II-S	0.9260	-18.2604	-12.1146	0.0023	0.0001	0.0000
692	AASHTO-III-S	1.0510	-19.8413	-13.4015	0.0029	0.0002	0.0000
692	AASHTO-VIIA-S	3.2383	-21.8971	-12.7288	0.0028	0.0003	0.0001
692	AASHTO-VIIB-S	0.9772	-26.0656	-12.7799	0.0036	0.0001	0.0000
693	AASHTO-I	1.4048	-32.6048	-19.7307	0.0042	0.0004	-0.0001
693	AASHTO-II	1.2105	-32.8199	-16.4643	0.0042	0.0001	0.0001
693	AASHTO-III	1.5249	-35.7383	-18.7277	0.0047	0.0003	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
693	AASHTO-VIIA	4.2298	-41.1564	-17.5922	0.0053	0.0003	0.0002
693	AASHTO-VIIB	1.2802	-51.0199	-17.7119	0.0066	0.0001	0.0001
693	AASHTO-VIIC	4.2198	-42.3796	-14.2119	0.0056	0.0003	0.0002
693	AASHTO-VIID	1.2759	-62.2993	-14.3048	0.0069	0.0001	0.0001
693	AASHTO-II-S	0.5318	-17.9641	-13.2982	0.0022	0.0001	0.0000
693	AASHTO-II-S	0.9291	-18.2589	-12.1582	0.0023	0.0001	0.0000
693	AASHTO-III-S	1.0535	-19.8417	-13.5805	0.0028	0.0002	0.0000
693	AASHTO-VIIA-S	3.2404	-21.8982	-12.4766	0.0028	0.0003	0.0001
693	AASHTO-VIIB-S	0.9795	-26.0661	-12.8182	0.0036	0.0001	0.0000
694	AASHTO-I	1.4082	-32.6090	-19.8313	0.0042	0.0003	-0.0001
694	AASHTO-II	1.2131	-32.8125	-16.5045	0.0042	0.0001	0.0001
694	AASHTO-III	1.5281	-35.7398	-18.8705	0.0047	0.0002	0.0000
694	AASHTO-VIIA	4.2313	-41.1539	-17.7994	0.0053	0.0003	0.0002
694	AASHTO-VIIB	1.2831	-51.0139	-17.7467	0.0065	0.0001	0.0001
694	AASHTO-VIIC	4.2217	-42.3710	-14.3927	0.0055	0.0003	0.0002
694	AASHTO-VIID	1.2782	-62.2958	-14.3750	0.0068	0.0001	0.0001
694	AASHTO-II-E	0.5341	-17.9633	-13.3343	0.0022	0.0001	0.0000
694	AASHTO-III-S	0.9300	-18.2581	-12.1999	0.0023	0.0000	0.0000
694	AASHTO-IB-S	1.0558	-19.8408	-13.6559	0.0028	0.0002	0.0000
694	AASHTO-VIIA-S	3.2422	-21.8937	-13.0138	0.0028	0.0002	0.0001
694	AASHTO-VIIB-S	0.9817	-26.0607	-12.8486	0.0036	0.0000	0.0001
695	AASHTO-I	1.4110	-32.6113	-20.1119	0.0041	0.0003	-0.0001
695	AASHTO-II	1.2151	-32.8058	-16.5289	0.0042	0.0000	0.0001
695	AASHTO-III	1.5306	-35.7396	-19.0544	0.0047	0.0002	0.0000
695	AASHTO-VIIA	4.2329	-41.1488	-17.8363	0.0053	0.0003	0.0002
695	AASHTO-VIIB	1.2862	-51.0008	-17.7674	0.0065	0.0000	0.0002
695	AASHTO-VIIC	4.2229	-42.3658	-14.5096	0.0055	0.0003	0.0002
695	AASHTO-VIID	1.2796	-62.2901	-14.4001	0.0068	0.0000	0.0002
695	AASHTO-II-E	0.5359	-17.9613	-13.3897	0.0022	0.0001	0.0000
695	AASHTO-III-E	0.9315	-18.2520	-12.2195	0.0023	0.0000	0.0000
695	AASHTO-IB-S	1.0576	-19.8366	-13.7361	0.0028	0.0001	0.0000
695	AASHTO-VIIA-S	3.2435	-21.8897	-13.1396	0.0028	0.0002	0.0001
695	AASHTO-VIIB-S	0.9833	-26.0535	-12.8855	0.0035	0.0000	0.0001
696	AASHTO-I	1.4137	-32.6122	-20.2918	0.0041	0.0003	-0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
595	AASHTO-E	1.2171	-32.7975	-16.5459	0.0042	0.0000	0.0001
595	AASHTO-EE	1.5331	-35.7365	-19.1238	0.0046	0.0002	0.0000
595	AASHTO-VSA	4.2346	-41.1419	-19.0848	0.0052	0.0003	0.0003
595	AASHTO-VSB	1.2876	-50.3899	-17.7772	0.0065	0.0000	0.0002
595	AASHTO-VSC	4.2243	-42.3587	-14.7218	0.0055	0.0003	0.0003
595	AASHTO-VSD	1.2818	-52.2672	-14.4176	0.0068	0.0001	0.0002
596	AASHTO-I-E	0.5376	-17.9584	-13.4385	0.0022	0.0001	0.0000
596	AASHTO-II-E	0.9329	-18.2469	-12.2258	0.0022	0.0000	0.0000
596	AASHTO-III-E	1.0594	-19.8351	-13.8139	0.0025	0.0001	0.0000
596	AASHTO-VSA-E	3.2448	-21.8845	-13.2614	0.0028	0.0002	0.0001
596	AASHTO-VSB-E	0.9850	-26.0444	-12.8768	0.0035	0.0000	0.0001
597	AASHTO-I	1.4185	-32.6134	-20.4618	0.0041	0.0003	-0.0001
597	AASHTO-II	1.2195	-32.7896	-16.5725	0.0041	0.0001	0.0001
597	AASHTO-III	1.5357	-35.7342	-19.2534	0.0046	0.0002	0.0000
597	AASHTO-VSA	4.2368	-41.1353	-19.2028	0.0052	0.0003	0.0003
597	AASHTO-VSB	1.2903	-50.3739	-17.7984	0.0065	0.0001	0.0002
597	AASHTO-VSC	4.2261	-42.3520	-14.8960	0.0055	0.0003	0.0003
597	AASHTO-VSD	1.2845	-52.2543	-14.4451	0.0067	0.0001	0.0002
597	AASHTO-I-E	0.5394	-17.9557	-13.4936	0.0022	0.0001	0.0000
597	AASHTO-II-E	0.9344	-18.2421	-12.2479	0.0022	0.0001	0.0001
597	AASHTO-III-E	1.0612	-19.8318	-13.8987	0.0025	0.0002	0.0000
597	AASHTO-VSA-E	3.2481	-21.8796	-13.3927	0.0029	0.0002	0.0001
597	AASHTO-VSB-E	0.9868	-26.0356	-12.8957	0.0035	0.0000	0.0001
715	AASHTO-I	1.3959	-32.4537	-12.7532	0.0042	0.0004	-0.0002
715	AASHTO-II	1.1916	-32.7703	-11.4468	0.0042	0.0001	0.0000
715	AASHTO-III	1.5149	-35.6080	-11.9023	0.0047	0.0003	-0.0001
715	AASHTO-VSA	4.2149	-41.0633	-9.8418	0.0053	0.0004	0.0001
715	AASHTO-VSB	1.2832	-50.3502	-10.3803	0.0065	0.0001	0.0000
715	AASHTO-VSC	4.2113	-42.2823	-8.2291	0.0055	0.0004	0.0001
715	AASHTO-VSD	1.2649	-52.2262	-8.7725	0.0068	0.0001	0.0000
715	AASHTO-I-E	0.5179	-17.9152	-8.9522	0.0023	0.0002	-0.0001
715	AASHTO-II-E	0.9127	-18.2318	-8.2544	0.0023	0.0001	0.0000
715	AASHTO-III-E	1.0406	-19.7933	-8.5564	0.0026	0.0002	-0.0001
715	AASHTO-VSA-E	3.2265	-21.8495	-8.1289	0.0028	0.0003	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
715	AASHTO-VSB-E	0.9652	-26.0259	-8.6363	0.0036	0.0001	0.0000
716	AASHTO-I	1.3958	-32.4732	-13.0003	0.0042	0.0004	-0.0002
716	AASHTO-II	1.1914	-32.7911	-11.6325	0.0042	0.0002	0.0000
716	AASHTO-III	1.5145	-35.6267	-12.0546	0.0047	0.0003	-0.0001
716	AASHTO-VSA	4.2147	-41.0794	-10.0958	0.0053	0.0004	0.0001
716	AASHTO-VSB	1.2834	-50.3665	-10.4824	0.0065	0.0001	0.0000
716	AASHTO-VSC	4.2106	-42.2981	-8.4445	0.0055	0.0004	0.0001
716	AASHTO-VSD	1.2639	-52.2445	-8.8410	0.0068	0.0001	0.0000
716	AASHTO-I-E	0.5179	-17.9234	-10.0505	0.0023	0.0002	0.0000
716	AASHTO-II-E	0.9127	-18.2364	-9.3206	0.0023	0.0001	0.0000
716	AASHTO-III-E	1.0405	-19.7931	-9.6869	0.0026	0.0002	0.0000
716	AASHTO-VSA-E	3.2266	-21.8566	-9.3036	0.0028	0.0003	0.0000
716	AASHTO-VSB-E	0.9648	-26.0363	-8.7015	0.0036	0.0001	0.0000
717	AASHTO-I	1.3966	-32.4629	-13.2513	0.0042	0.0004	-0.0001
717	AASHTO-II	1.1922	-32.7821	-11.8172	0.0042	0.0002	0.0000
717	AASHTO-III	1.5153	-35.6405	-12.2883	0.0047	0.0003	-0.0001
717	AASHTO-VSA	4.2155	-41.0956	-10.2868	0.0053	0.0004	0.0000
717	AASHTO-VSB	1.2828	-50.3829	-10.5367	0.0065	0.0001	0.0000
717	AASHTO-VSC	4.2114	-42.3140	-8.6055	0.0056	0.0004	0.0001
717	AASHTO-VSD	1.2639	-52.2609	-8.9073	0.0068	0.0001	0.0000
717	AASHTO-I-E	0.5187	-17.9317	-10.1620	0.0022	0.0002	0.0000
717	AASHTO-II-E	0.9135	-18.2482	-9.3888	0.0023	0.0001	0.0000
717	AASHTO-III-E	1.0412	-19.8029	-9.8199	0.0026	0.0002	0.0000
717	AASHTO-VSA-E	3.2274	-21.8678	-9.4771	0.0028	0.0003	0.0000
717	AASHTO-VSB-E	0.9653	-26.0466	-8.7643	0.0036	0.0001	0.0000
718	AASHTO-I	1.3987	-32.5108	-13.5000	0.0042	0.0004	-0.0001
718	AASHTO-II	1.1938	-32.8015	-11.8986	0.0042	0.0001	0.0000
718	AASHTO-III	1.5171	-35.6624	-12.4814	0.0047	0.0003	-0.0001
718	AASHTO-VSA	4.2174	-41.1100	-10.5034	0.0053	0.0004	0.0000
718	AASHTO-VSB	1.2842	-50.3958	-10.8129	0.0065	0.0001	0.0000
718	AASHTO-VSC	4.2128	-42.3281	-8.8633	0.0056	0.0004	0.0001
718	AASHTO-VSD	1.2649	-52.2749	-8.9730	0.0068	0.0001	0.0000
718	AASHTO-I-E	0.5200	-17.9391	-10.2959	0.0022	0.0002	0.0000
718	AASHTO-II-E	0.9147	-18.2598	-9.4534	0.0023	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
718	AASHTO-BI-S	1.5426	-19.8116	-8.9502	0.0026	0.0002	0.0000
718	AASHTO-VBA-S	3.2268	-21.8758	-8.6462	0.0028	0.0003	0.0000
718	AASHTO-VBB-S	0.9684	-26.0054	-8.8245	0.0036	0.0001	0.0000
719	AASHTO-I	1.4008	-32.3264	-13.7396	0.0042	0.0004	-0.0001
719	AASHTO-II	1.1956	-32.8085	-11.7719	0.0042	0.0001	0.0000
719	AASHTO-III	1.5190	-35.6767	-12.6655	0.0047	0.0003	-0.0001
719	AASHTO-VBA	4.2182	-41.1219	-10.7124	0.0053	0.0004	0.0000
719	AASHTO-VBB	1.2827	-51.0077	-10.5816	0.0065	0.0001	0.0000
719	AASHTO-VBC	4.2142	-42.3394	-7.0671	0.0055	0.0004	0.0001
719	AASHTO-VBD	1.2859	-52.2857	-7.0366	0.0068	0.0001	0.0000
719	AASHTO-I-S	0.5219	-17.8456	-10.3923	0.0022	0.0002	0.0000
719	AASHTO-II-S	0.9161	-18.2547	-8.5106	0.0023	0.0001	0.0000
719	AASHTO-III-S	1.5441	-19.8187	-10.0733	0.0026	0.0002	0.0000
719	AASHTO-VBA-S	3.2303	-21.8821	-8.8082	0.0029	0.0003	0.0000
719	AASHTO-VBB-S	0.9675	-26.0621	-8.8789	0.0036	0.0001	0.0000
720	AASHTO-I	1.4031	-32.5367	-13.9686	0.0042	0.0004	-0.0001
720	AASHTO-II	1.1974	-32.8130	-11.8361	0.0042	0.0001	0.0000
720	AASHTO-III	1.5210	-35.6895	-12.8399	0.0047	0.0003	-0.0001
720	AASHTO-VBA	4.2210	-41.1303	-10.9137	0.0053	0.0004	0.0001
720	AASHTO-VBB	1.2672	-51.0151	-10.7441	0.0066	0.0001	0.0000
720	AASHTO-VBC	4.2154	-42.3460	-7.2869	0.0055	0.0004	0.0001
720	AASHTO-VBD	1.2689	-52.2932	-7.0977	0.0068	0.0001	0.0000
720	AASHTO-I-S	0.5232	-17.8495	-10.4498	0.0022	0.0001	0.0000
720	AASHTO-II-S	0.9178	-18.2574	-8.5602	0.0023	0.0001	0.0000
720	AASHTO-III-S	1.5456	-19.8241	-10.1881	0.0026	0.0002	0.0000
720	AASHTO-VBA-S	3.2318	-21.8868	-8.9630	0.0029	0.0003	0.0000
720	AASHTO-VBB-S	0.9686	-26.0667	-8.9267	0.0036	0.0001	0.0000
721	AASHTO-I	1.4055	-32.5505	-14.1875	0.0042	0.0004	-0.0001
721	AASHTO-II	1.1992	-32.8153	-11.8932	0.0042	0.0001	0.0000
721	AASHTO-III	1.5231	-35.6976	-13.0083	0.0047	0.0003	-0.0001
721	AASHTO-VBA	4.2228	-41.1362	-11.1098	0.0053	0.0003	0.0001
721	AASHTO-VBB	1.2687	-51.0190	-10.8021	0.0066	0.0001	0.0000
721	AASHTO-VBC	4.2186	-42.3537	-7.4648	0.0055	0.0003	0.0001
721	AASHTO-VBD	1.2679	-52.2979	-7.1577	0.0068	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
721	AASHTO-I-S	0.5248	-17.8525	-10.5297	0.0022	0.0001	0.0000
721	AASHTO-II-S	0.9190	-18.2596	-8.6031	0.0023	0.0001	0.0000
721	AASHTO-III-S	1.5473	-19.8278	-10.2957	0.0026	0.0002	0.0000
721	AASHTO-VBA-S	3.2331	-21.8894	-9.1124	0.0028	0.0003	0.0000
721	AASHTO-VBB-S	0.9699	-26.0690	-8.9695	0.0036	0.0001	0.0000
722	AASHTO-I	1.4073	-32.5596	-14.4035	0.0042	0.0004	-0.0001
722	AASHTO-II	1.2004	-32.8195	-11.9488	0.0042	0.0001	0.0000
722	AASHTO-III	1.5246	-35.7047	-13.1706	0.0047	0.0003	-0.0001
722	AASHTO-VBA	4.2238	-41.1398	-11.3063	0.0053	0.0003	0.0001
722	AASHTO-VBB	1.2695	-51.0202	-10.8621	0.0066	0.0001	0.0000
722	AASHTO-VBC	4.2173	-42.3573	-7.6643	0.0055	0.0003	0.0001
722	AASHTO-VBD	1.2682	-52.2987	-7.2189	0.0068	0.0001	0.0000
722	AASHTO-I-S	0.5261	-17.8545	-10.6071	0.0023	0.0001	0.0000
722	AASHTO-II-S	0.9201	-18.2598	-8.6443	0.0023	0.0001	0.0000
722	AASHTO-III-S	1.5484	-19.8306	-10.4013	0.0026	0.0002	0.0000
722	AASHTO-VBA-S	3.2341	-21.8908	-9.2814	0.0028	0.0003	0.0000
723	AASHTO-VBB-S	0.9707	-26.0695	-9.0115	0.0036	0.0001	0.0000
723	AASHTO-I	1.4095	-32.5699	-14.6234	0.0042	0.0004	-0.0001
723	AASHTO-II	1.2011	-32.8160	-12.0076	0.0042	0.0001	0.0000
723	AASHTO-III	1.5254	-35.7118	-13.3384	0.0047	0.0003	-0.0001
723	AASHTO-VBA	4.2242	-41.1436	-11.5083	0.0053	0.0004	0.0001
723	AASHTO-VBB	1.2696	-51.0211	-10.9200	0.0066	0.0001	0.0000
723	AASHTO-VBC	4.2172	-42.3609	-7.8855	0.0055	0.0004	0.0001
723	AASHTO-VBD	1.2678	-52.2997	-7.2801	0.0068	0.0001	0.0000
723	AASHTO-I-S	0.5270	-17.8566	-10.6878	0.0023	0.0001	0.0000
723	AASHTO-II-S	0.9208	-18.2599	-8.6857	0.0023	0.0001	0.0000
723	AASHTO-III-S	1.5492	-19.8332	-10.5102	0.0026	0.0002	0.0000
723	AASHTO-VBA-S	3.2346	-21.8923	-9.4141	0.0028	0.0003	0.0000
723	AASHTO-VBB-S	0.9710	-26.0698	-9.0562	0.0036	0.0001	0.0000
724	AASHTO-I	1.4097	-32.5794	-14.8501	0.0042	0.0004	-0.0001
724	AASHTO-II	1.2017	-32.8178	-12.0703	0.0042	0.0001	0.0000
724	AASHTO-III	1.5263	-35.7203	-13.5114	0.0047	0.0003	-0.0001
724	AASHTO-VBA	4.2247	-41.1486	-11.7066	0.0053	0.0004	0.0001
724	AASHTO-VBB	1.2696	-51.0230	-10.9808	0.0066	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
724	AASHTO-VBC	4,2171	-42,3659	-8,0663	0,0056	0,0004	0,0001
724	AASHTO-VBD	1,2674	-52,3017	-7,7394	0,0068	0,0001	0,0000
724	AASHTO-I-E	0,5280	-17,9595	-10,7742	0,0023	0,0002	0,0000
724	AASHTO-II-E	0,9215	-18,2600	-8,7377	0,0023	0,0001	0,0000
724	AASHTO-III-E	1,0501	-19,8365	-10,6247	0,0026	0,0002	0,0000
724	AASHTO-VBA-E	3,2352	-21,8844	-8,5708	0,0029	0,0003	0,0000
724	AASHTO-VBB-E	0,8712	-26,0706	-8,1043	0,0036	0,0001	0,0000
725	AASHTO-I	1,4115	-32,5902	-15,0815	0,0042	0,0004	-0,0001
725	AASHTO-II	1,2029	-32,8187	-12,1354	0,0042	0,0001	0,0000
725	AASHTO-III	1,5276	-35,7298	-13,6880	0,0047	0,0003	0,0000
725	AASHTO-VBA	4,2257	-41,1537	-11,9116	0,0053	0,0004	0,0001
725	AASHTO-VBB	1,2704	-51,0246	-11,0426	0,0066	0,0001	0,0000
725	AASHTO-VBC	4,2177	-42,3707	-8,2956	0,0056	0,0004	0,0001
725	AASHTO-VBD	1,2677	-52,3035	-7,9979	0,0068	0,0001	0,0000
725	AASHTO-I-E	0,5293	-17,9625	-10,9642	0,0023	0,0002	0,0000
725	AASHTO-II-E	0,9229	-18,2610	-8,7983	0,0023	0,0001	0,0000
725	AASHTO-III-E	1,0513	-19,8399	-10,7425	0,0026	0,0002	0,0000
725	AASHTO-VBA-E	3,2361	-21,8867	-8,7289	0,0029	0,0003	0,0000
725	AASHTO-VBB-E	0,8720	-26,0712	-8,1545	0,0036	0,0001	0,0000
726	AASHTO-I	1,4140	-32,5992	-15,3190	0,0042	0,0004	-0,0001
726	AASHTO-II	1,2048	-32,8199	-12,1980	0,0042	0,0001	0,0000
726	AASHTO-III	1,5299	-35,7354	-13,8625	0,0047	0,0003	0,0000
726	AASHTO-VBA	4,2274	-41,1568	-12,1115	0,0053	0,0003	0,0001
726	AASHTO-VBB	1,2719	-51,0236	-11,1032	0,0066	0,0001	0,0000
726	AASHTO-VBC	4,2199	-42,3736	-8,4634	0,0056	0,0003	0,0001
726	AASHTO-VBD	1,2687	-52,3029	-7,4565	0,0068	0,0001	0,0000
726	AASHTO-I-E	0,5309	-17,9645	-10,9018	0,0022	0,0001	0,0000
726	AASHTO-II-E	0,9240	-18,2610	-8,8384	0,0023	0,0001	0,0000
726	AASHTO-III-E	1,0529	-19,8421	-10,8679	0,0026	0,0002	0,0000
726	AASHTO-VBA-E	3,2375	-21,8876	-8,8839	0,0029	0,0003	0,0000
726	AASHTO-VBB-E	0,8732	-26,0700	-8,2030	0,0036	0,0001	0,0000
727	AASHTO-I	1,4164	-32,6058	-15,5276	0,0042	0,0004	-0,0001
727	AASHTO-II	1,2065	-32,8176	-12,2528	0,0042	0,0001	0,0000
727	AASHTO-III	1,5319	-35,7393	-14,0269	0,0047	0,0003	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
727	AASHTO-VBA	4,2289	-41,1568	-12,3040	0,0053	0,0003	0,0001
727	AASHTO-VBB	1,2734	-51,0189	-11,1589	0,0066	0,0001	0,0001
727	AASHTO-VBC	4,2198	-42,3738	-8,4570	0,0056	0,0003	0,0001
727	AASHTO-VBD	1,2696	-52,3991	-7,5134	0,0068	0,0001	0,0001
727	AASHTO-I-E	0,5326	-17,9658	-11,0313	0,0023	0,0001	0,0000
727	AASHTO-II-E	0,9253	-18,2596	-8,8805	0,0023	0,0001	0,0000
727	AASHTO-III-E	1,0545	-19,8428	-10,9454	0,0026	0,0002	0,0000
727	AASHTO-VBA-E	3,2387	-21,8967	-10,0320	0,0029	0,0003	0,0000
727	AASHTO-VBB-E	0,9749	-26,0665	-9,2459	0,0036	0,0001	0,0000
728	AASHTO-I	1,4188	-32,6101	-15,7316	0,0042	0,0005	-0,0001
728	AASHTO-II	1,2091	-32,8129	-12,2984	0,0042	0,0001	0,0000
728	AASHTO-III	1,5339	-35,7408	-14,1509	0,0047	0,0003	0,0000
728	AASHTO-VBA	4,2303	-41,1548	-12,4884	0,0053	0,0003	0,0001
728	AASHTO-VBB	1,2747	-51,0109	-11,2081	0,0065	0,0001	0,0001
728	AASHTO-VBC	4,2208	-42,3708	-8,5462	0,0056	0,0003	0,0001
728	AASHTO-VBD	1,2704	-52,3908	-7,5676	0,0068	0,0001	0,0001
728	AASHTO-I-E	0,5342	-17,9641	-11,1010	0,0023	0,0001	0,0000
728	AASHTO-II-E	0,9266	-18,2586	-8,9145	0,0023	0,0001	0,0000
728	AASHTO-III-E	1,0560	-19,8415	-11,0635	0,0026	0,0002	0,0000
728	AASHTO-VBA-E	3,2398	-21,8940	-10,1724	0,0029	0,0002	0,0000
728	AASHTO-VBB-E	0,9754	-26,0609	-9,2923	0,0036	0,0001	0,0000
729	AASHTO-I	1,4209	-32,6119	-15,9232	0,0042	0,0005	-0,0001
729	AASHTO-II	1,2095	-32,8058	-12,3364	0,0042	0,0001	0,0000
729	AASHTO-III	1,5357	-35,7393	-14,3243	0,0047	0,0002	0,0000
729	AASHTO-VBA	4,2314	-41,1488	-12,6670	0,0053	0,0003	0,0001
729	AASHTO-VBB	1,2759	-50,9997	-11,2924	0,0065	0,0001	0,0001
729	AASHTO-VBC	4,2214	-42,3653	-8,6330	0,0056	0,0003	0,0001
729	AASHTO-VBD	1,2712	-52,2796	-7,6353	0,0068	0,0001	0,0001
729	AASHTO-I-E	0,5357	-17,9617	-11,1918	0,0023	0,0001	0,0000
729	AASHTO-II-E	0,9278	-18,2522	-8,9419	0,0023	0,0000	0,0000
729	AASHTO-III-E	1,0575	-19,8368	-11,1552	0,0026	0,0002	0,0000
729	AASHTO-VBA-E	3,2406	-21,8887	-10,3070	0,0029	0,0002	0,0001
729	AASHTO-VBB-E	0,9763	-26,0532	-9,3132	0,0036	0,0000	0,0000
730	AASHTO-I	1,4223	-32,6122	-16,1096	0,0043	0,0005	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
730	AASHTO-E	1.2101	-32.7971	-12.3724	0.0042	0.0001	0.0001
730	AASHTO-EE	1.5368	-35.7362	-14.4544	0.0047	0.0002	0.0000
730	AASHTO-VBA	4.2316	-41.1411	-12.8462	0.0053	0.0003	0.0002
730	AASHTO-VBB	1.2791	-50.9891	-11.2963	0.0065	0.0001	0.0001
730	AASHTO-VBC	4.2213	-42.3579	-9.2219	0.0055	0.0003	0.0002
730	AASHTO-VBD	1.2710	-52.2693	-7.6739	0.0068	0.0001	0.0001
730	AASHTO-I-E	0.5365	-17.9584	-11.2191	0.0023	0.0001	0.0000
730	AASHTO-B-E	0.9263	-18.2468	-8.9964	0.0023	0.0000	0.0000
730	AASHTO-BI-E	1.0580	-19.5250	-11.2396	0.0026	0.0002	0.0000
730	AASHTO-VBA-E	3.2409	-21.8841	-10.4414	0.0029	0.0002	0.0001
730	AASHTO-VBB-E	0.9799	-26.0440	-8.3427	0.0036	0.0000	0.0001
731	AASHTO-I	1.4223	-32.8126	-16.2997	0.0043	0.0003	-0.0001
731	AASHTO-E	1.2097	-32.7885	-12.4118	0.0042	0.0001	0.0001
731	AASHTO-EE	1.5363	-35.7332	-14.8080	0.0047	0.0003	0.0000
731	AASHTO-VBA	4.2306	-41.1338	-13.0313	0.0053	0.0003	0.0002
731	AASHTO-VBB	1.2751	-50.9726	-11.3418	0.0065	0.0001	0.0001
731	AASHTO-VBC	4.2201	-42.3506	-9.4150	0.0055	0.0003	0.0002
731	AASHTO-VBD	1.2698	-52.2551	-7.7279	0.0068	0.0001	0.0001
731	AASHTO-I-E	0.5367	-17.9552	-11.2780	0.0023	0.0001	0.0000
731	AASHTO-B-E	0.9263	-18.2415	-8.9947	0.0023	0.0001	0.0000
731	AASHTO-BI-E	1.0581	-19.5312	-11.3297	0.0026	0.0002	0.0000
731	AASHTO-VBA-E	3.2405	-21.8786	-10.5810	0.0029	0.0002	0.0001
731	AASHTO-VBB-E	0.9791	-26.0348	-8.3749	0.0036	0.0001	0.0001
732	AASHTO-I	1.4122	-32.4487	-16.6471	0.0042	0.0004	-0.0004
732	AASHTO-E	1.1995	-32.7652	-8.3419	0.0042	0.0002	0.0000
732	AASHTO-EE	1.5295	-35.8029	-9.5588	0.0047	0.0003	-0.0002
732	AASHTO-VBA	4.2259	-41.0575	-7.2223	0.0053	0.0004	0.0002
732	AASHTO-VBB	1.2739	-50.9439	-7.1418	0.0065	0.0001	0.0000
732	AASHTO-VBC	4.2216	-42.2766	-5.4846	0.0055	0.0004	0.0003
732	AASHTO-VBD	1.2751	-52.2218	-3.4133	0.0068	0.0001	0.0001
732	AASHTO-I-E	0.5248	-17.9122	-8.8178	0.0023	0.0002	-0.0001
732	AASHTO-B-E	0.9177	-18.2288	-8.1027	0.0023	0.0001	0.0000
732	AASHTO-BI-E	1.0484	-19.7802	-8.2514	0.0026	0.0002	-0.0001
732	AASHTO-VBA-E	3.2328	-21.8461	-8.7111	0.0029	0.0003	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
732	AASHTO-VBB-E	0.9721	-26.0220	-8.8621	0.0036	0.0001	0.0000
733	AASHTO-I	1.4108	-32.4702	-16.6948	0.0042	0.0004	-0.0003
733	AASHTO-E	1.1979	-32.7791	-8.4271	0.0042	0.0002	0.0000
733	AASHTO-EE	1.5279	-35.8235	-9.7506	0.0047	0.0003	-0.0002
733	AASHTO-VBA	4.2240	-41.0739	-7.4467	0.0053	0.0004	0.0002
733	AASHTO-VBB	1.2714	-50.9625	-7.2140	0.0065	0.0001	0.0000
733	AASHTO-VBC	4.2195	-42.2944	-5.7546	0.0055	0.0004	0.0002
733	AASHTO-VBD	1.2724	-52.2404	-3.4733	0.0068	0.0001	0.0000
733	AASHTO-I-E	0.5241	-17.9217	-8.9246	0.0023	0.0002	-0.0001
733	AASHTO-B-E	0.9169	-18.2368	-8.1727	0.0023	0.0001	0.0000
733	AASHTO-BI-E	1.0475	-19.7915	-8.3843	0.0026	0.0002	-0.0001
733	AASHTO-VBA-E	3.2318	-21.8585	-8.8878	0.0028	0.0003	0.0001
733	AASHTO-VBB-E	0.9707	-26.0339	-8.9246	0.0036	0.0001	0.0000
734	AASHTO-I	1.4119	-32.4915	-11.1527	0.0042	0.0004	-0.0002
734	AASHTO-E	1.1988	-32.7909	-8.5160	0.0042	0.0002	0.0000
734	AASHTO-EE	1.5288	-35.8440	-9.8489	0.0047	0.0003	-0.0002
734	AASHTO-VBA	4.2252	-41.0941	-7.6663	0.0053	0.0004	0.0001
734	AASHTO-VBB	1.2720	-50.9809	-7.2984	0.0065	0.0001	0.0000
734	AASHTO-VBC	4.2204	-42.3124	-5.9103	0.0055	0.0004	0.0002
734	AASHTO-VBD	1.2727	-52.2598	-3.5318	0.0068	0.0001	0.0000
734	AASHTO-I-E	0.5249	-17.9310	-9.0395	0.0023	0.0002	-0.0001
734	AASHTO-B-E	0.9177	-18.2482	-8.2482	0.0023	0.0001	0.0000
734	AASHTO-BI-E	1.0482	-19.8021	-8.5239	0.0026	0.0002	-0.0001
734	AASHTO-VBA-E	3.2329	-21.8669	-7.0853	0.0029	0.0003	0.0000
734	AASHTO-VBB-E	0.9711	-26.0454	-8.8902	0.0036	0.0001	0.0000
735	AASHTO-I	1.4126	-32.5096	-11.4031	0.0042	0.0004	-0.0002
735	AASHTO-E	1.1995	-32.8002	-8.6012	0.0042	0.0001	0.0000
735	AASHTO-EE	1.5294	-35.8610	-10.1424	0.0047	0.0003	-0.0001
735	AASHTO-VBA	4.2260	-41.1085	-7.8810	0.0053	0.0004	0.0001
735	AASHTO-VBB	1.2720	-50.9950	-7.3599	0.0065	0.0001	0.0000
735	AASHTO-VBC	4.2208	-42.3265	-6.1154	0.0055	0.0004	0.0001
735	AASHTO-VBD	1.2724	-52.2729	-3.5917	0.0068	0.0001	0.0000
735	AASHTO-I-E	0.5255	-17.9394	-9.1468	0.0022	0.0002	-0.0001
735	AASHTO-B-E	0.9183	-19.2496	-8.3159	0.0023	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
735	AASHTO-I6-S	1,6488	-19,8109	-8,9583	0,0026	0,0002	-0,0001
735	AASHTO-VIIA-S	3,2316	-21,8750	-7,2349	0,0028	0,0003	0,0000
735	AASHTO-VIIB-S	0,9713	-26,0543	-7,0903	0,0036	0,0001	0,0000
736	AASHTO-I	1,4137	-32,3205	-11,6426	0,0042	0,0004	-0,0002
736	AASHTO-II	1,2002	-32,8074	-8,8750	0,0042	0,0001	0,0000
736	AASHTO-III	1,5301	-35,6756	-10,3258	0,0047	0,0003	-0,0001
736	AASHTO-VIIA	4,2267	-41,1202	-8,0679	0,0053	0,0004	0,0001
736	AASHTO-VIIB	1,2722	-51,0060	-7,4260	0,0065	0,0001	0,0000
736	AASHTO-VIIC	4,2211	-42,3360	-4,3136	0,0055	0,0004	0,0001
736	AASHTO-VIID	1,2722	-52,2939	-3,6915	0,0068	0,0001	0,0000
736	AASHTO-I-S	0,5283	-17,9446	-8,2445	0,0022	0,0002	0,0000
736	AASHTO-II-S	0,8190	-18,2542	-8,3746	0,0023	0,0001	0,0000
736	AASHTO-III-S	1,0495	-19,8181	-8,7797	0,0026	0,0002	0,0000
736	AASHTO-VIIA-S	3,2342	-21,8814	-7,3983	0,0028	0,0003	0,0000
736	AASHTO-VIIB-S	0,9716	-26,0611	-7,1039	0,0036	0,0001	0,0000
737	AASHTO-I	1,4149	-32,3387	-11,8686	0,0042	0,0004	-0,0002
737	AASHTO-II	1,2009	-32,8119	-8,7367	0,0042	0,0001	0,0000
737	AASHTO-III	1,5310	-35,6873	-10,4983	0,0047	0,0003	-0,0001
737	AASHTO-VIIA	4,2272	-41,1286	-8,2968	0,0053	0,0003	0,0001
737	AASHTO-VIIB	1,2722	-51,0133	-7,4875	0,0065	0,0001	0,0000
737	AASHTO-VIIC	4,2213	-42,3484	-4,5110	0,0055	0,0003	0,0002
737	AASHTO-VIID	1,2716	-52,2913	-3,7110	0,0068	0,0001	0,0000
737	AASHTO-I-S	0,5272	-17,9488	-8,3314	0,0022	0,0001	0,0000
737	AASHTO-II-S	0,8197	-18,2598	-8,4237	0,0023	0,0001	0,0000
737	AASHTO-III-S	1,0502	-19,8235	-8,8934	0,0026	0,0002	0,0000
737	AASHTO-VIIA-S	3,2348	-21,8858	-7,5464	0,0029	0,0003	0,0001
737	AASHTO-VIIB-S	0,9718	-26,0656	-7,1506	0,0036	0,0001	0,0000
738	AASHTO-I	1,4160	-32,3496	-12,0848	0,0042	0,0004	-0,0002
738	AASHTO-II	1,2016	-32,8141	-8,7940	0,0042	0,0001	0,0000
738	AASHTO-III	1,5317	-35,6995	-10,6616	0,0047	0,0003	-0,0001
738	AASHTO-VIIA	4,2276	-41,1348	-8,4804	0,0053	0,0003	0,0002
738	AASHTO-VIIB	1,2722	-51,0173	-7,5443	0,0065	0,0001	0,0001
738	AASHTO-VIIC	4,2212	-42,3522	-4,7074	0,0055	0,0003	0,0002
738	AASHTO-VIID	1,2713	-52,2955	-3,7714	0,0068	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
738	AASHTO-I-S	0,5291	-17,9520	-8,4089	0,0022	0,0001	0,0000
738	AASHTO-II-S	0,8204	-18,2581	-8,4648	0,0023	0,0001	0,0000
738	AASHTO-III-S	1,0510	-19,8274	-8,9063	0,0026	0,0002	0,0000
738	AASHTO-VIIA-S	3,2352	-21,8887	-7,6969	0,0028	0,0003	0,0001
738	AASHTO-VIIB-S	0,9719	-26,0680	-7,1918	0,0036	0,0001	0,0000
739	AASHTO-I	1,4177	-32,3579	-12,2903	0,0042	0,0004	-0,0002
739	AASHTO-II	1,2027	-32,8131	-8,8437	0,0042	0,0001	0,0000
739	AASHTO-III	1,5330	-35,7022	-10,8182	0,0047	0,0003	-0,0001
739	AASHTO-VIIA	4,2282	-41,1370	-8,6720	0,0053	0,0003	0,0002
739	AASHTO-VIIB	1,2726	-51,0187	-7,6010	0,0065	0,0001	0,0001
739	AASHTO-VIIC	4,2215	-42,3545	-4,9061	0,0055	0,0003	0,0002
739	AASHTO-VIID	1,2713	-52,2950	-3,8353	0,0068	0,0001	0,0001
739	AASHTO-I-S	0,5293	-17,9532	-8,4780	0,0023	0,0001	0,0000
739	AASHTO-II-S	0,8213	-18,2574	-8,4992	0,0023	0,0001	0,0000
739	AASHTO-III-S	1,0520	-19,8291	-9,0961	0,0026	0,0002	0,0000
739	AASHTO-VIIA-S	3,2358	-21,8892	-7,8388	0,0028	0,0003	0,0001
739	AASHTO-VIIB-S	0,9723	-26,0674	-7,2296	0,0036	0,0001	0,0000
740	AASHTO-I	1,4173	-32,3649	-12,5098	0,0043	0,0004	-0,0002
740	AASHTO-II	1,2018	-32,8119	-8,9029	0,0042	0,0001	0,0001
740	AASHTO-III	1,5322	-35,7076	-10,9843	0,0047	0,0003	-0,0001
740	AASHTO-VIIA	4,2270	-41,1398	-8,8739	0,0053	0,0004	0,0003
740	AASHTO-VIIB	1,2705	-51,0153	-7,6843	0,0066	0,0001	0,0001
740	AASHTO-VIIC	4,2196	-42,3558	-5,1110	0,0056	0,0004	0,0003
740	AASHTO-VIID	1,2698	-52,2939	-3,9818	0,0069	0,0001	0,0001
740	AASHTO-I-S	0,5293	-17,9543	-8,5562	0,0023	0,0001	-0,0001
740	AASHTO-II-S	0,8211	-18,2586	-8,5425	0,0023	0,0001	0,0000
740	AASHTO-III-S	1,0518	-19,8307	-9,2026	0,0026	0,0002	0,0000
740	AASHTO-VIIA-S	3,2353	-21,8894	-7,9908	0,0028	0,0003	0,0001
740	AASHTO-VIIB-S	0,9712	-26,0663	-7,2742	0,0036	0,0001	0,0000
741	AASHTO-I	1,4189	-32,3771	-12,7323	0,0042	0,0004	-0,0002
741	AASHTO-II	1,2008	-32,8152	-8,9650	0,0042	0,0001	0,0001
741	AASHTO-III	1,5313	-35,7178	-11,1061	0,0047	0,0003	-0,0001
741	AASHTO-VIIA	4,2259	-41,1455	-9,0740	0,0053	0,0004	0,0003
741	AASHTO-VIIB	1,2692	-51,0194	-7,7218	0,0065	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
741	AASHTO-VBC	4,2177	-42,3620	-5,3077	0,0055	0,0004	0,0003
741	AASHTO-VBD	1,2661	-52,3990	-3,9557	0,0068	0,0001	0,0001
741	AASHTO-I-E	0,5292	-17,9582	-6,6495	0,0023	0,0002	0,0000
741	AASHTO-BI-S	0,9207	-19,2585	-8,5924	0,0023	0,0001	0,0000
741	AASHTO-BI-S	1,0515	-19,8351	-9,3177	0,0026	0,0002	0,0000
741	AASHTO-VBA-S	3,2346	-21,8936	-8,1477	0,0029	0,0003	0,0001
741	AASHTO-VBB-S	0,9700	-26,0684	-7,3223	0,0036	0,0001	0,0000
742	AASHTO-I	1,4186	-32,5983	-13,9707	0,0042	0,0004	-0,0002
742	AASHTO-II	1,2020	-52,8167	-10,0350	0,0042	0,0001	0,0000
742	AASHTO-III	1,5326	-35,7278	-11,3579	0,0047	0,0003	-0,0001
742	AASHTO-VBA	4,2265	-41,1524	-9,2786	0,0053	0,0004	0,0002
742	AASHTO-VBB	1,2688	-51,0239	-7,7837	0,0065	0,0001	0,0001
742	AASHTO-VBC	4,2185	-42,3693	-5,5049	0,0055	0,0003	0,0002
742	AASHTO-VBD	1,2663	-52,3917	-4,0105	0,0068	0,0001	0,0001
742	AASHTO-I-E	0,5304	-17,9620	-6,7404	0,0023	0,0002	0,0000
742	AASHTO-BI-S	0,9218	-19,2605	-8,5488	0,0023	0,0001	0,0000
742	AASHTO-BI-S	1,0526	-19,8393	-9,4415	0,0026	0,0002	0,0000
742	AASHTO-VBA-S	3,2356	-21,8959	-8,3087	0,0028	0,0005	0,0001
742	AASHTO-VBB-S	0,9705	-26,0702	-7,3760	0,0036	0,0001	0,0000
743	AASHTO-I	1,4186	-32,5982	-13,1998	0,0042	0,0004	-0,0001
743	AASHTO-II	1,2027	-52,8167	-10,0982	0,0042	0,0001	0,0000
743	AASHTO-III	1,5336	-35,7342	-11,8120	0,0047	0,0003	-0,0001
743	AASHTO-VBA	4,2270	-41,1553	-8,4769	0,0053	0,0003	0,0002
743	AASHTO-VBB	1,2688	-51,0217	-7,8439	0,0065	0,0001	0,0001
743	AASHTO-VBC	4,2196	-42,3720	-5,6067	0,0055	0,0003	0,0002
743	AASHTO-VBD	1,2659	-52,3906	-4,0674	0,0068	0,0001	0,0001
743	AASHTO-I-E	0,5313	-17,9638	-6,8282	0,0023	0,0001	0,0000
743	AASHTO-BI-S	0,9225	-19,2604	-8,7001	0,0023	0,0001	0,0000
743	AASHTO-BI-S	1,0539	-19,8414	-9,5578	0,0026	0,0002	0,0000
743	AASHTO-VBA-S	3,2362	-21,8968	-8,4645	0,0028	0,0003	0,0001
743	AASHTO-VBB-S	0,9707	-26,0689	-7,4251	0,0036	0,0001	0,0000
744	AASHTO-I	1,4211	-32,6048	-13,4150	0,0042	0,0004	-0,0001
744	AASHTO-II	1,2034	-52,8185	-10,1023	0,0042	0,0001	0,0001
744	AASHTO-III	1,5344	-35,7382	-11,8755	0,0047	0,0003	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
744	AASHTO-VBA	4,2274	-41,1554	-9,0878	0,0053	0,0003	0,0002
744	AASHTO-VBB	1,2688	-51,0172	-7,8067	0,0065	0,0001	0,0001
744	AASHTO-VBC	4,2186	-42,3720	-5,8918	0,0055	0,0003	0,0002
744	AASHTO-VBD	1,2655	-52,3963	-4,1247	0,0068	0,0001	0,0001
744	AASHTO-I-E	0,5323	-17,9645	-6,9078	0,0023	0,0001	0,0000
744	AASHTO-BI-S	0,9232	-19,2590	-8,7416	0,0023	0,0001	0,0000
744	AASHTO-BI-S	1,0541	-19,8420	-9,6044	0,0026	0,0002	0,0000
744	AASHTO-VBA-S	3,2367	-21,8959	-8,6110	0,0028	0,0002	0,0001
744	AASHTO-VBB-S	0,9706	-26,0655	-7,4683	0,0036	0,0001	0,0000
745	AASHTO-I	1,4223	-32,6090	-13,6144	0,0042	0,0003	-0,0001
745	AASHTO-II	1,2040	-52,8116	-10,1981	0,0042	0,0001	0,0001
745	AASHTO-III	1,5351	-35,7392	-11,8264	0,0047	0,0003	0,0000
745	AASHTO-VBA	4,2277	-41,1524	-9,8467	0,0053	0,0003	0,0002
745	AASHTO-VBB	1,2688	-51,0090	-7,9500	0,0065	0,0001	0,0001
745	AASHTO-VBC	4,2184	-42,3690	-6,0900	0,0055	0,0003	0,0002
745	AASHTO-VBD	1,2651	-52,3954	-4,1814	0,0068	0,0001	0,0001
745	AASHTO-I-E	0,5331	-17,9635	-6,9744	0,0023	0,0001	0,0000
745	AASHTO-BI-S	0,9239	-19,2559	-8,7733	0,0023	0,0000	0,0000
745	AASHTO-BI-S	1,0548	-19,8408	-9,7598	0,0026	0,0002	0,0000
745	AASHTO-VBA-S	3,2370	-21,8931	-8,7466	0,0029	0,0002	0,0001
745	AASHTO-VBB-S	0,9710	-26,0598	-7,5044	0,0036	0,0001	0,0001
746	AASHTO-I	1,4233	-32,6107	-13,7986	0,0043	0,0003	-0,0001
746	AASHTO-II	1,2044	-52,8044	-10,2307	0,0042	0,0001	0,0001
746	AASHTO-III	1,5357	-35,7379	-11,9603	0,0047	0,0002	0,0000
746	AASHTO-VBA	4,2276	-41,1488	-10,0251	0,0053	0,0003	0,0003
746	AASHTO-VBB	1,2688	-50,9977	-7,9957	0,0065	0,0001	0,0001
746	AASHTO-VBC	4,2180	-42,3634	-6,2960	0,0055	0,0003	0,0003
746	AASHTO-VBD	1,2646	-52,3774	-4,2364	0,0068	0,0001	0,0001
746	AASHTO-I-E	0,5339	-17,9610	-10,0298	0,0023	0,0001	0,0000
746	AASHTO-BI-S	0,9242	-19,2514	-8,7981	0,0023	0,0000	0,0000
746	AASHTO-BI-S	1,0554	-19,8380	-9,8447	0,0026	0,0001	0,0000
746	AASHTO-VBA-S	3,2371	-21,8887	-8,8791	0,0028	0,0002	0,0001
746	AASHTO-VBB-S	0,9710	-26,0520	-7,5342	0,0036	0,0001	0,0001
747	AASHTO-I	1,4245	-32,6093	-13,9691	0,0043	0,0003	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
747	AASHTO-II	1.2050	-52.7940	-10.2586	0.0042	0.0001	0.0001
747	AASHTO-III	1.5365	-35.7931	-12.0843	0.0047	0.0002	0.0000
747	AASHTO-VIIIA	4.2276	-41.1378	-10.1978	0.0053	0.0003	0.0003
747	AASHTO-VIIIB	1.2688	-50.9821	-8.0395	0.0065	0.0001	0.0002
747	AASHTO-VIIIC	4.2178	-42.3542	-6.4545	0.0055	0.0003	0.0003
747	AASHTO-VIID	1.2645	-52.3622	-4.2979	0.0068	0.0001	0.0002
747	AASHTO-I-E	0.5347	-17.9567	-10.0752	0.0023	0.0001	0.0000
747	AASHTO-II-S	0.9247	-18.3450	-8.8119	0.0023	0.0000	0.0001
747	AASHTO-III-S	1.0560	-19.8332	-8.9204	0.0026	0.0001	0.0000
747	AASHTO-VIIIA-S	3.2372	-21.8821	-8.0646	0.0029	0.0002	0.0001
747	AASHTO-VIIIB-S	5.8712	-26.0418	-7.5595	0.0036	0.0000	0.0001
748	AASHTO-I	1.4233	-32.6077	-14.1500	0.0043	0.0003	-0.0002
748	AASHTO-II	1.2054	-52.7834	-10.2999	0.0043	0.0001	0.0001
748	AASHTO-III	1.5350	-35.7279	-12.2329	0.0046	0.0002	0.0000
748	AASHTO-VIIIA	4.2205	-41.1278	-10.3830	0.0053	0.0003	0.0004
748	AASHTO-VIIIB	1.2663	-50.9661	-8.0896	0.0066	0.0001	0.0002
748	AASHTO-VIIIC	4.2155	-42.3446	-6.6518	0.0056	0.0003	0.0004
748	AASHTO-VIID	1.2618	-52.3486	-4.3600	0.0068	0.0001	0.0002
748	AASHTO-I-E	0.5341	-17.9523	-10.1287	0.0023	0.0001	0.0000
748	AASHTO-II-S	0.9239	-18.2384	-8.8362	0.0023	0.0000	0.0001
748	AASHTO-III-S	1.0552	-19.8291	-10.0043	0.0027	0.0002	0.0000
748	AASHTO-VIIIA-S	3.2360	-21.8751	-8.1414	0.0029	0.0002	0.0002
748	AASHTO-VIIIB-S	5.8697	-26.0308	-7.5911	0.0036	0.0001	0.0001
764	AASHTO-I	1.4659	-32.4468	-3.4791	0.0042	0.0004	-0.0005
764	AASHTO-II	1.2209	-32.7634	-2.1643	0.0042	0.0002	0.0000
764	AASHTO-III	1.5798	-35.6008	-1.5791	0.0047	0.0003	-0.0003
764	AASHTO-VIIIA	4.2850	-41.0557	1.7284	0.0053	0.0004	0.0003
764	AASHTO-VIIIB	1.3110	-50.9416	3.8439	0.0065	0.0001	0.0001
764	AASHTO-VIIIC	4.2587	-42.2747	5.8712	0.0055	0.0004	0.0004
764	AASHTO-VIID	1.3110	-52.2196	8.0884	0.0068	0.0001	0.0001
764	AASHTO-I-E	0.5471	-17.9111	-4.9744	0.0023	0.0002	-0.0001
764	AASHTO-II-E	0.9341	-18.2278	-4.1966	0.0023	0.0001	0.0000
764	AASHTO-III-S	1.0741	-19.7790	-3.8272	0.0026	0.0002	-0.0001
764	AASHTO-VIIIA-S	3.2930	-21.8450	-1.8863	0.0029	0.0003	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
764	AASHTO-VIIIB-S	0.9958	-26.0207	-0.8190	0.0036	0.0001	0.0000
765	AASHTO-I	1.4249	-32.5974	-11.9458	0.0044	0.0003	-0.0003
765	AASHTO-II	1.1971	-32.7729	-8.1415	0.0045	0.0001	0.0003
765	AASHTO-III	1.5339	-35.7170	-8.8120	0.0048	0.0002	-0.0001
765	AASHTO-VIIIA	4.2192	-41.1157	-7.6959	0.0054	0.0004	0.0007
765	AASHTO-VIIIB	1.2576	-50.9528	-4.8102	0.0066	0.0001	0.0004
765	AASHTO-VIIIC	4.2097	-42.3325	-3.8850	0.0056	0.0004	0.0007
765	AASHTO-VIID	1.2538	-52.2333	-0.9804	0.0068	0.0001	0.0003
765	AASHTO-I-E	0.5317	-17.9462	-6.8362	0.0023	0.0001	0.0000
765	AASHTO-II-E	0.9195	-18.2322	-7.6440	0.0024	0.0001	0.0001
765	AASHTO-III-E	1.0625	-19.8217	-8.6418	0.0027	0.0002	0.0000
765	AASHTO-VIIIA-E	3.2306	-21.8678	-7.5680	0.0029	0.0003	0.0003
765	AASHTO-VIIIB-S	5.8631	-26.0227	-5.7936	0.0039	0.0001	0.0002
766	AASHTO-I	1.4272	-32.4696	-6.7968	0.0042	0.0004	-0.0004
766	AASHTO-II	1.2061	-32.7776	-7.3197	0.0042	0.0002	0.0000
766	AASHTO-III	1.5428	-35.6228	-7.4051	0.0047	0.0003	-0.0003
766	AASHTO-VIIIA	4.2306	-41.0754	-4.8194	0.0053	0.0004	0.0003
766	AASHTO-VIIIB	1.2827	-50.9617	-3.8608	0.0065	0.0001	0.0000
766	AASHTO-VIIIC	4.2305	-42.2940	-0.9592	0.0055	0.0004	0.0003
766	AASHTO-VIID	1.2833	-52.2396	-0.0982	0.0068	0.0001	0.0001
766	AASHTO-I-E	0.5311	-17.9214	-7.7693	0.0023	0.0002	-0.0001
766	AASHTO-II-E	0.9220	-18.2368	-7.0247	0.0023	0.0001	0.0000
766	AASHTO-III-E	1.0554	-19.7909	-7.0823	0.0026	0.0002	-0.0001
766	AASHTO-VIIIA-E	3.2365	-21.8565	-5.4715	0.0029	0.0003	0.0001
766	AASHTO-VIIIB-E	5.8776	-26.0334	-5.1483	0.0036	0.0001	0.0000
767	AASHTO-I	1.4267	-32.4800	-6.0509	0.0042	0.0004	-0.0003
767	AASHTO-II	1.2059	-32.7892	-7.4167	0.0042	0.0002	0.0000
767	AASHTO-III	1.5422	-35.6423	-7.6091	0.0047	0.0003	-0.0002
767	AASHTO-VIIIA	4.2303	-41.0923	-5.0442	0.0053	0.0004	0.0002
767	AASHTO-VIIIB	1.2814	-50.9787	-4.0379	0.0065	0.0001	0.0000
767	AASHTO-VIIIC	4.2300	-42.3106	-1.1649	0.0056	0.0004	0.0003
767	AASHTO-VIID	1.2818	-52.2566	-0.1575	0.0068	0.0001	0.0001
767	AASHTO-I-E	0.5309	-17.9301	-7.9145	0.0023	0.0002	-0.0001
767	AASHTO-II-E	0.9218	-18.2434	-7.1059	0.0023	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
767	AASHTO-B1-S	1.0551	-19.8011	-7.2266	0.0026	0.0002	-0.0001
767	AASHTO-VBA-S	3.2364	-21.9659	-5.6524	0.0028	0.0003	0.0001
767	AASHTO-VBB-S	0.9771	-26.0441	-6.2188	0.0036	0.0001	0.0000
768	AASHTO-I	1.4265	-32.5099	-8.3044	0.0042	0.0004	-0.0003
768	AASHTO-II	1.2052	-32.7993	-7.5039	0.0042	0.0001	0.0000
768	AASHTO-III	1.5417	-35.8600	-7.5039	0.0047	0.0003	-0.0002
768	AASHTO-VBA	4.2348	-41.1074	-8.2602	0.0053	0.0004	0.0002
768	AASHTO-VBB	1.2801	-50.9837	-4.1399	0.0065	0.0001	0.0000
768	AASHTO-VBC	4.2293	-42.3254	-1.3869	0.0055	0.0004	0.0002
768	AASHTO-VBD	1.2803	-52.2716	-0.2157	0.0068	0.0001	0.0001
768	AASHTO-I-S	0.5310	-17.8080	-8.0257	0.0022	0.0002	-0.0001
769	AASHTO-II-S	0.8219	-18.2494	-7.1775	0.0023	0.0001	0.0000
768	AASHTO-III-S	1.2950	-19.8103	-7.3818	0.0026	0.0002	-0.0001
768	AASHTO-VBA-S	3.2393	-21.8744	-5.8241	0.0028	0.0003	0.0001
768	AASHTO-VBB-S	0.8764	-26.0534	-5.3764	0.0035	0.0001	0.0000
769	AASHTO-I	1.4265	-32.5247	-8.5442	0.0042	0.0004	-0.0002
769	AASHTO-II	1.2049	-32.8065	-7.5791	0.0042	0.0001	0.0000
769	AASHTO-III	1.5413	-35.8747	-7.5870	0.0047	0.0003	-0.0001
769	AASHTO-VBA	4.2343	-41.1182	-8.4863	0.0053	0.0004	0.0002
769	AASHTO-VBB	1.2788	-51.0047	-4.1758	0.0065	0.0001	0.0000
769	AASHTO-VBC	4.2264	-42.3369	-1.5848	0.0055	0.0003	0.0002
769	AASHTO-VBD	1.2786	-52.2825	-0.2733	0.0068	0.0001	0.0001
769	AASHTO-I-S	0.5311	-17.8441	-8.1250	0.0022	0.0002	-0.0001
769	AASHTO-II-S	0.8218	-18.2537	-7.2379	0.0023	0.0001	0.0000
769	AASHTO-III-S	1.2949	-19.8175	-7.4992	0.0026	0.0002	-0.0001
769	AASHTO-VBA-S	3.2392	-21.8809	-5.9803	0.0028	0.0003	0.0001
769	AASHTO-VBB-S	0.8757	-26.0603	-5.5321	0.0035	0.0001	0.0000
770	AASHTO-I	1.4265	-32.5360	-8.7691	0.0042	0.0004	-0.0002
770	AASHTO-II	1.2044	-32.8110	-7.6423	0.0042	0.0001	0.0000
770	AASHTO-III	1.5408	-35.8864	-8.1579	0.0047	0.0003	-0.0001
770	AASHTO-VBA	4.2336	-41.1278	-8.6830	0.0053	0.0003	0.0002
770	AASHTO-VBB	1.2773	-51.0130	-4.2349	0.0065	0.0001	0.0001
770	AASHTO-VBC	4.2274	-42.3453	-1.7599	0.0055	0.0003	0.0002
770	AASHTO-VBD	1.2768	-52.2896	-0.3308	0.0068	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
770	AASHTO-I-S	0.5312	-17.8499	-8.2118	0.0022	0.0001	-0.0001
770	AASHTO-II-S	0.8216	-18.2564	-7.2968	0.0023	0.0001	0.0000
770	AASHTO-III-S	1.2946	-19.8230	-7.5987	0.0026	0.0002	-0.0001
770	AASHTO-VBA-S	3.2378	-21.8853	-6.1371	0.0028	0.0003	0.0001
770	AASHTO-VBB-S	0.8748	-26.0648	-5.5779	0.0036	0.0001	0.0000
771	AASHTO-I	1.4264	-32.5484	-8.9799	0.0042	0.0004	-0.0003
771	AASHTO-II	1.2039	-32.8127	-7.8848	0.0042	0.0001	0.0000
771	AASHTO-III	1.5403	-35.8951	-8.3174	0.0047	0.0003	-0.0001
771	AASHTO-VBA	4.2325	-41.1331	-8.9523	0.0053	0.0003	0.0003
771	AASHTO-VBB	1.2765	-51.0152	-4.2985	0.0065	0.0001	0.0001
771	AASHTO-VBC	4.2259	-42.3604	-1.9525	0.0055	0.0003	0.0003
771	AASHTO-VBD	1.2747	-52.2933	-0.3891	0.0068	0.0001	0.0001
771	AASHTO-II-S	0.8213	-17.8613	-8.2983	0.0022	0.0001	-0.0001
771	AASHTO-II-S	0.8217	-18.2573	-7.3255	0.0023	0.0001	0.0000
771	AASHTO-III-S	1.2947	-19.8298	-7.7008	0.0026	0.0002	-0.0001
771	AASHTO-VBA-S	3.2374	-21.8877	-6.2805	0.0028	0.0003	0.0001
771	AASHTO-VBB-S	0.8736	-26.0667	-5.4170	0.0036	0.0001	0.0000
772	AASHTO-I	1.4262	-32.5579	-10.1790	0.0042	0.0004	-0.0003
772	AASHTO-II	1.2031	-32.8128	-7.7366	0.0042	0.0001	0.0001
772	AASHTO-III	1.5396	-35.7020	-8.4682	0.0047	0.0003	-0.0002
772	AASHTO-VBA	4.2309	-41.1365	-8.0372	0.0053	0.0003	0.0003
772	AASHTO-VBB	1.2734	-51.0181	-4.3415	0.0065	0.0001	0.0001
772	AASHTO-VBC	4.2240	-42.3537	-2.1457	0.0055	0.0004	0.0004
772	AASHTO-VBD	1.2722	-52.2843	-0.4496	0.0068	0.0001	0.0001
772	AASHTO-I-S	0.5314	-17.8532	-8.3514	0.0022	0.0001	-0.0001
772	AASHTO-II-S	0.8215	-18.2575	-7.3562	0.0023	0.0001	0.0000
772	AASHTO-III-S	1.2945	-19.8291	-7.7944	0.0026	0.0002	-0.0001
772	AASHTO-VBA-S	3.2368	-21.8890	-6.4180	0.0028	0.0003	0.0001
772	AASHTO-VBB-S	0.8728	-26.0671	-5.4514	0.0036	0.0001	0.0001
773	AASHTO-I	1.4261	-32.5550	-10.3436	0.0043	0.0004	-0.0005
773	AASHTO-II	1.2022	-32.8016	-7.7643	0.0043	0.0001	0.0001
773	AASHTO-III	1.5386	-35.6972	-8.5938	0.0048	0.0003	-0.0002
773	AASHTO-VBA	4.2280	-41.1268	-8.2132	0.0054	0.0004	0.0006
773	AASHTO-VBB	1.2706	-51.0031	-4.3884	0.0066	0.0001	0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
773	AASHTO-VBC	4,2207	-42,3439	-2,3498	0,0056	0,0004	0,0006
773	AASHTO-VBD	1,2689	-52,2805	-0,5188	0,0069	0,0001	0,0002
773	AASHTO-I-E	0,5315	-17,9485	-6,3868	0,0023	0,0001	-0,0001
773	AASHTO-II-E	0,9210	-19,2506	-7,3950	0,0023	0,0001	0,0000
773	AASHTO-III-E	1,0541	-19,8245	-7,8603	0,0027	0,0002	-0,0001
773	AASHTO-VBA-E	3,2348	-21,8624	-8,5469	0,0029	0,0003	0,0002
773	AASHTO-VBB-E	0,8710	-26,0582	-5,4734	0,0036	0,0001	0,0001
774	AASHTO-I	1,4259	-32,5771	-10,6153	0,0042	0,0004	-0,0003
774	AASHTO-II	1,2018	-32,8152	-7,9807	0,0042	0,0001	0,0001
774	AASHTO-III	1,5382	-35,7171	-8,8026	0,0047	0,0003	-0,0001
774	AASHTO-VBA	4,2286	-41,1454	-6,4363	0,0053	0,0004	0,0004
774	AASHTO-VBB	1,2693	-51,0189	-4,4621	0,0065	0,0001	0,0001
774	AASHTO-VBC	4,2309	-42,3623	-2,5473	0,0055	0,0004	0,0004
774	AASHTO-VBD	1,2674	-52,2975	-0,5701	0,0068	0,0001	0,0002
774	AASHTO-I-E	0,5316	-17,9582	-6,5148	0,0023	0,0002	-0,0001
774	AASHTO-II-E	0,9212	-19,2586	-7,4464	0,0023	0,0001	0,0000
774	AASHTO-III-E	1,0541	-19,8351	-8,0138	0,0026	0,0002	0,0000
774	AASHTO-VBA-E	3,2356	-21,8927	-8,7271	0,0029	0,0003	0,0001
774	AASHTO-VBB-E	0,8703	-26,0682	-5,5442	0,0036	0,0001	0,0001
775	AASHTO-I	1,4258	-32,5881	-10,8570	0,0042	0,0004	-0,0002
775	AASHTO-II	1,2013	-32,8173	-7,9341	0,0042	0,0001	0,0001
775	AASHTO-III	1,5377	-35,7264	-8,9872	0,0047	0,0003	-0,0001
775	AASHTO-VBA	4,2278	-41,1508	-6,6452	0,0053	0,0004	0,0003
775	AASHTO-VBB	1,2675	-51,0209	-4,5272	0,0065	0,0001	0,0001
775	AASHTO-VBC	4,2196	-42,3676	-2,7445	0,0055	0,0003	0,0003
775	AASHTO-VBD	1,2652	-52,2996	-0,6266	0,0068	0,0001	0,0001
775	AASHTO-I-E	0,5316	-17,9615	-6,6147	0,0023	0,0002	0,0000
775	AASHTO-II-E	0,9212	-19,2597	-7,5085	0,0023	0,0001	0,0000
775	AASHTO-III-E	1,0540	-19,8386	-8,1400	0,0026	0,0002	0,0000
775	AASHTO-VBA-E	3,2355	-21,8950	-8,8902	0,0029	0,0003	0,0001
775	AASHTO-VBB-E	0,8692	-26,0696	-5,5969	0,0036	0,0001	0,0001
776	AASHTO-I	1,4258	-32,5975	-11,0862	0,0042	0,0004	-0,0002
776	AASHTO-II	1,2008	-32,8179	-7,9989	0,0042	0,0001	0,0001
776	AASHTO-III	1,5372	-35,7334	-9,1620	0,0047	0,0003	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
776	AASHTO-VBA	4,2270	-41,1543	-6,8436	0,0053	0,0003	0,0003
776	AASHTO-VBB	1,2658	-51,0204	-4,5890	0,0065	0,0001	0,0001
776	AASHTO-VBC	4,2187	-42,3706	-2,9366	0,0055	0,0003	0,0003
776	AASHTO-VBD	1,2632	-52,2993	-0,6845	0,0068	0,0001	0,0001
776	AASHTO-I-E	0,5318	-17,9636	-6,7048	0,0023	0,0001	0,0000
776	AASHTO-II-E	0,9211	-19,2606	-7,5610	0,0023	0,0001	0,0000
776	AASHTO-III-E	1,0539	-19,8410	-8,2571	0,0026	0,0002	0,0000
776	AASHTO-VBA-E	3,2352	-21,8982	-7,0452	0,0028	0,0003	0,0001
776	AASHTO-VBB-E	0,8683	-26,0681	-5,6503	0,0036	0,0001	0,0001
777	AASHTO-I	1,4259	-32,6042	-11,2989	0,0042	0,0004	-0,0002
777	AASHTO-II	1,2004	-32,8156	-8,0523	0,0042	0,0001	0,0001
777	AASHTO-III	1,5368	-35,7373	-9,3238	0,0047	0,0003	-0,0001
777	AASHTO-VBA	4,2261	-41,1543	-7,0327	0,0053	0,0003	0,0003
777	AASHTO-VBB	1,2642	-51,0158	-4,6453	0,0065	0,0001	0,0001
777	AASHTO-VBC	4,2174	-42,3708	-3,1286	0,0055	0,0003	0,0003
777	AASHTO-VBD	1,2613	-52,2948	-0,7425	0,0068	0,0001	0,0001
777	AASHTO-I-E	0,5320	-17,9641	-6,7819	0,0023	0,0001	0,0000
777	AASHTO-II-E	0,9211	-19,2585	-7,6017	0,0023	0,0001	0,0000
777	AASHTO-III-E	1,0536	-19,8415	-8,3423	0,0026	0,0002	0,0000
777	AASHTO-VBA-E	3,2348	-21,8952	-7,1901	0,0028	0,0002	0,0001
777	AASHTO-VBB-E	0,8674	-26,0647	-5,6934	0,0036	0,0001	0,0001
778	AASHTO-I	1,4259	-32,6091	-11,4929	0,0042	0,0003	-0,0002
778	AASHTO-II	1,1999	-32,8106	-8,0934	0,0042	0,0001	0,0001
778	AASHTO-III	1,5364	-35,7383	-9,4708	0,0047	0,0002	-0,0001
778	AASHTO-VBA	4,2251	-41,1511	-7,2115	0,0053	0,0003	0,0003
778	AASHTO-VBB	1,2628	-51,0078	-4,6950	0,0065	0,0001	0,0001
778	AASHTO-VBC	4,2161	-42,3677	-3,3181	0,0055	0,0003	0,0003
778	AASHTO-VBD	1,2596	-52,2899	-0,8001	0,0068	0,0001	0,0001
778	AASHTO-I-E	0,5321	-17,9630	-6,8450	0,0023	0,0001	0,0000
778	AASHTO-II-E	0,9210	-19,2553	-7,6309	0,0023	0,0000	0,0000
778	AASHTO-III-E	1,0537	-19,8402	-8,4545	0,0026	0,0002	0,0000
778	AASHTO-VBA-E	3,2343	-21,8924	-7,3247	0,0029	0,0002	0,0001
778	AASHTO-VBB-E	0,8665	-26,0589	-5,7285	0,0036	0,0001	0,0001
779	AASHTO-I	1,4258	-32,6093	-11,6683	0,0043	0,0003	-0,0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
779	AASHTO-E	1.1993	-52.8027	-8.1229	0.0042	0.0001	0.0001
779	AASHTO-EI	1.5358	-35.7362	-5.6033	0.0047	0.0002	-0.0001
779	AASHTO-VBA	4.3239	-41.1447	-7.3816	0.0053	0.0005	0.0004
779	AASHTO-VBB	1.2813	-50.9954	-4.7388	0.0065	0.0001	0.0002
779	AASHTO-VBC	4.2147	-42.3613	-3.4998	0.0055	0.0003	0.0004
779	AASHTO-VBD	1.2578	-52.2751	-0.8578	0.0068	0.0001	0.0002
779	AASHTO-I-E	0.5322	-17.9602	-6.8943	0.0023	0.0001	0.0000
779	AASHTO-B-E	0.9208	-18.2505	-7.6488	0.0023	0.0000	0.0001
779	AASHTO-BI-E	1.0535	-19.8371	-8.5338	0.0026	0.0001	0.0000
779	AASHTO-VBA-S	3.2337	-21.9874	-7.4590	0.0029	0.0002	0.0002
779	AASHTO-VBB-S	0.9657	-26.0506	-5.7980	0.0036	0.0000	0.0001
780	AASHTO-I	1.4215	-52.8088	-11.8275	0.0043	0.0003	-0.0002
780	AASHTO-E	1.1984	-52.7934	-8.1431	0.0042	0.0000	0.0002
780	AASHTO-EI	1.5392	-35.7324	-5.7235	0.0047	0.0002	-0.0001
780	AASHTO-VBA	4.3222	-41.1388	-7.5458	0.0053	0.0003	0.0005
780	AASHTO-VBB	1.2596	-50.9812	-4.7762	0.0065	0.0001	0.0002
780	AASHTO-VBC	4.2128	-42.3532	-3.6826	0.0055	0.0003	0.0005
780	AASHTO-VBD	1.2559	-52.2612	-0.9159	0.0068	0.0001	0.0002
780	AASHTO-I-E	0.5320	-17.9585	-6.8917	0.0023	0.0001	0.0000
780	AASHTO-B-E	0.9203	-18.2446	-7.6578	0.0023	0.0000	0.0001
780	AASHTO-BI-E	1.0532	-19.8329	-8.5027	0.0026	0.0001	0.0000
780	AASHTO-VBA-S	3.2329	-21.9815	-7.5682	0.0029	0.0002	0.0002
780	AASHTO-VBB-S	0.9646	-26.0410	-5.7772	0.0036	0.0000	0.0001
781	AASHTO-I	1.4462	-52.4458	-8.0005	0.0042	0.0004	-0.0005
781	AASHTO-E	1.2157	-52.7624	-4.8889	0.0042	0.0002	0.0000
781	AASHTO-EI	1.5605	-35.5398	-4.5879	0.0047	0.0003	-0.0003
781	AASHTO-VBA	4.2501	-41.0545	-1.4252	0.0053	0.0004	0.0003
781	AASHTO-VBB	1.2946	-50.9403	0.0361	0.0065	0.0001	0.0001
781	AASHTO-VBC	4.2444	-42.2735	2.5963	0.0055	0.0004	0.0004
781	AASHTO-VBD	1.2915	-52.2183	4.0285	0.0068	0.0001	0.0001
781	AASHTO-I-E	0.5390	-17.9195	-6.5229	0.0023	0.0002	-0.0001
781	AASHTO-B-E	0.9279	-18.2272	-5.5678	0.0023	0.0001	0.0000
781	AASHTO-BI-E	1.0646	-19.7784	-5.3817	0.0026	0.0002	-0.0001
781	AASHTO-VBA-S	3.2485	-21.9443	-3.5837	0.0029	0.0003	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
781	AASHTO-VBB-S	0.9667	-26.0199	-2.9470	0.0036	0.0001	0.0000
782	AASHTO-I	1.4467	-52.4667	-8.2802	0.0042	0.0004	-0.0004
782	AASHTO-E	1.2160	-52.7746	-4.7905	0.0042	0.0002	0.0000
782	AASHTO-EI	1.5609	-35.5198	-4.5914	0.0047	0.0003	-0.0003
782	AASHTO-VBA	4.2504	-41.0722	-1.6827	0.0053	0.0004	0.0003
782	AASHTO-VBB	1.2947	-50.9579	-0.0513	0.0065	0.0001	0.0001
782	AASHTO-VBC	4.2446	-42.2908	2.3449	0.0055	0.0004	0.0003
782	AASHTO-VBD	1.2949	-52.2358	3.9583	0.0068	0.0001	0.0001
782	AASHTO-I-E	0.5394	-17.9197	-6.4402	0.0023	0.0002	-0.0001
782	AASHTO-B-E	0.9282	-18.2346	-5.6482	0.0023	0.0001	0.0000
782	AASHTO-BI-E	1.0648	-19.7891	-5.5232	0.0026	0.0002	-0.0001
782	AASHTO-VBA-S	3.2487	-21.9545	-3.7705	0.0029	0.0003	0.0001
782	AASHTO-VBB-S	0.9667	-26.0310	-3.0173	0.0036	0.0001	0.0000
783	AASHTO-I	1.4492	-52.4690	-8.5273	0.0042	0.0004	-0.0004
783	AASHTO-E	1.2143	-52.7982	-4.8935	0.0042	0.0002	0.0000
783	AASHTO-EI	1.5589	-35.5413	-4.7068	0.0047	0.0003	-0.0002
783	AASHTO-VBA	4.2485	-41.0913	-1.8941	0.0053	0.0004	0.0002
783	AASHTO-VBB	1.2939	-50.9773	-0.1339	0.0065	0.0001	0.0000
783	AASHTO-VBC	4.2428	-42.3095	2.1340	0.0055	0.0004	0.0003
783	AASHTO-VBD	1.2939	-52.2551	3.8959	0.0068	0.0001	0.0001
783	AASHTO-I-E	0.5394	-17.9296	-6.5644	0.0023	0.0002	-0.0001
783	AASHTO-B-E	0.9273	-18.2428	-5.7347	0.0023	0.0001	0.0000
783	AASHTO-BI-E	1.0637	-19.8005	-5.6700	0.0026	0.0002	-0.0001
783	AASHTO-VBA-S	3.2457	-21.9653	-3.9558	0.0029	0.0003	0.0001
783	AASHTO-VBB-S	0.9649	-26.0432	-3.0888	0.0036	0.0001	0.0000
784	AASHTO-I	1.4435	-52.5079	-8.7935	0.0042	0.0004	-0.0003
784	AASHTO-E	1.2129	-52.7994	-4.9950	0.0042	0.0001	0.0000
784	AASHTO-EI	1.5570	-35.5591	-4.9960	0.0047	0.0003	-0.0002
784	AASHTO-VBA	4.2466	-41.1064	-2.1131	0.0052	0.0004	0.0002
784	AASHTO-VBB	1.2908	-50.9923	-0.2066	0.0065	0.0001	0.0000
784	AASHTO-VBC	4.2405	-42.3243	1.9506	0.0055	0.0004	0.0003
784	AASHTO-VBD	1.2908	-52.2701	3.8365	0.0068	0.0001	0.0001
784	AASHTO-I-E	0.5376	-17.9375	-6.6789	0.0023	0.0002	-0.0001
784	AASHTO-B-E	0.9264	-18.2488	-5.8106	0.0023	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
754	AASHTO-BI-S	1.0627	-19.8097	-5.8075	0.0028	0.0002	-0.0001
754	AASHTO-VBA-S	3.2447	-21.8738	-4.1289	0.0028	0.0003	0.0001
754	AASHTO-VBB-S	0.9831	-26.0526	-3.1521	0.0035	0.0001	0.0000
755	AASHTO-I	1.4419	-32.5241	-7.0240	0.0042	0.0004	-0.0003
755	AASHTO-II	1.2106	-32.8058	-6.9826	0.0042	0.0001	0.0000
755	AASHTO-III	1.5546	-35.6739	-6.1797	0.0047	0.0003	-0.0002
755	AASHTO-VBA	4.2440	-41.1183	-2.3183	0.0052	0.0004	0.0002
755	AASHTO-VBB	1.2872	-51.0035	-0.2748	0.0065	0.0001	0.0001
755	AASHTO-VBC	4.2377	-42.3360	1.7340	0.0055	0.0003	0.0002
755	AASHTO-VBD	1.2869	-52.2813	3.7800	0.0068	0.0001	0.0001
755	AASHTO-I-S	0.8367	-17.9437	-6.7801	0.0022	0.0002	-0.0001
755	AASHTO-II-S	0.8254	-18.2533	-6.8725	0.0023	0.0001	0.0000
755	AASHTO-III-S	1.0615	-19.8171	-5.9327	0.0026	0.0002	-0.0001
755	AASHTO-VBA-S	3.2433	-21.8803	-4.2918	0.0028	0.0003	0.0001
755	AASHTO-VBB-S	0.9839	-26.0596	-3.2063	0.0035	0.0001	0.0000
756	AASHTO-I	1.4400	-32.5372	-7.2469	0.0042	0.0004	-0.0003
756	AASHTO-II	1.2095	-32.8102	-6.1253	0.0042	0.0001	0.0000
756	AASHTO-III	1.5525	-35.6855	-6.1486	0.0047	0.0003	-0.0001
756	AASHTO-VBA	4.2415	-41.1267	-2.5154	0.0053	0.0003	0.0002
756	AASHTO-VBB	1.2862	-51.0106	-0.3321	0.0065	0.0001	0.0001
756	AASHTO-VBC	4.2347	-42.3441	1.5426	0.0055	0.0003	0.0003
756	AASHTO-VBD	1.2828	-52.2884	3.7253	0.0068	0.0001	0.0001
756	AASHTO-I-S	0.5357	-17.9481	-6.8868	0.0022	0.0001	-0.0001
756	AASHTO-II-S	0.8242	-18.2559	-6.9217	0.0023	0.0001	0.0000
756	AASHTO-III-S	1.0603	-19.8225	-6.0447	0.0026	0.0002	-0.0001
756	AASHTO-VBA-S	3.2417	-21.8846	-4.4420	0.0028	0.0003	0.0001
756	AASHTO-VBB-S	0.9784	-26.0639	-3.2513	0.0035	0.0001	0.0000
757	AASHTO-I	1.4384	-32.5476	-7.4538	0.0042	0.0004	-0.0003
757	AASHTO-II	1.2084	-32.8118	-6.1756	0.0042	0.0001	0.0000
757	AASHTO-III	1.5503	-35.6841	-6.5046	0.0047	0.0003	-0.0002
757	AASHTO-VBA	4.2395	-41.1318	-2.6964	0.0053	0.0003	0.0003
757	AASHTO-VBB	1.2793	-51.0137	-0.3826	0.0065	0.0001	0.0001
757	AASHTO-VBC	4.2319	-42.3491	1.3545	0.0055	0.0003	0.0003
757	AASHTO-VBD	1.2786	-52.2918	3.8715	0.0066	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
757	AASHTO-I-S	0.5349	-17.9508	-6.9399	0.0022	0.0001	-0.0001
757	AASHTO-II-S	0.8232	-18.2568	-6.9593	0.0023	0.0001	0.0000
757	AASHTO-III-S	1.0590	-19.8292	-6.1451	0.0026	0.0002	-0.0001
757	AASHTO-VBA-S	3.2402	-21.8888	-4.5830	0.0028	0.0003	0.0001
757	AASHTO-VBB-S	0.9780	-26.0659	-3.2887	0.0035	0.0001	0.0000
758	AASHTO-I	1.4365	-32.5546	-7.6483	0.0042	0.0004	-0.0003
758	AASHTO-II	1.2040	-32.8099	-6.2176	0.0042	0.0001	0.0001
758	AASHTO-III	1.5477	-35.6996	-6.0513	0.0047	0.0003	-0.0002
758	AASHTO-VBA	4.2351	-41.1329	-2.8796	0.0053	0.0003	0.0003
758	AASHTO-VBB	1.2746	-51.0121	-0.4238	0.0066	0.0001	0.0001
758	AASHTO-VBC	4.2278	-42.3600	1.1982	0.0056	0.0003	0.0004
758	AASHTO-VBD	1.2737	-52.2902	3.8165	0.0068	0.0001	0.0001
758	AASHTO-I-S	0.5340	-17.9517	-7.0033	0.0022	0.0001	-0.0001
758	AASHTO-II-S	0.8220	-18.2557	-6.9889	0.0023	0.0001	0.0000
758	AASHTO-III-S	1.0576	-19.8274	-6.2369	0.0026	0.0002	-0.0001
758	AASHTO-VBA-S	3.2383	-21.8868	-4.7188	0.0028	0.0003	0.0001
758	AASHTO-VBB-S	0.9732	-26.0646	-3.3215	0.0036	0.0001	0.0001
759	AASHTO-I	1.4366	-32.5629	-7.8528	0.0042	0.0004	-0.0003
759	AASHTO-II	1.2037	-32.8096	-6.2472	0.0042	0.0001	0.0001
759	AASHTO-III	1.5472	-35.7053	-5.8064	0.0047	0.0003	-0.0002
759	AASHTO-VBA	4.2344	-41.1358	-3.0671	0.0053	0.0003	0.0004
759	AASHTO-VBB	1.2728	-51.0118	-0.4902	0.0066	0.0001	0.0002
759	AASHTO-VBC	4.2269	-42.3628	0.9751	0.0056	0.0003	0.0004
759	AASHTO-VBD	1.2715	-52.2901	3.5629	0.0068	0.0001	0.0002
759	AASHTO-I-S	0.5341	-17.9533	-7.0755	0.0022	0.0001	-0.0001
759	AASHTO-II-S	0.8220	-18.2554	-6.9267	0.0023	0.0001	0.0000
759	AASHTO-III-S	1.0575	-19.8294	-6.3373	0.0026	0.0002	-0.0001
759	AASHTO-VBA-S	3.2380	-21.8878	-4.8633	0.0028	0.0003	0.0002
759	AASHTO-VBB-S	0.9720	-26.0642	-3.3605	0.0036	0.0001	0.0001
760	AASHTO-I	1.4367	-32.5744	-8.0809	0.0042	0.0004	-0.0003
760	AASHTO-II	1.2032	-32.8124	-6.3368	0.0042	0.0001	0.0001
760	AASHTO-III	1.5468	-35.7148	-5.8622	0.0047	0.0003	-0.0001
760	AASHTO-VBA	4.2332	-41.1423	-3.2744	0.0053	0.0004	0.0004
760	AASHTO-VBB	1.2708	-51.0151	-0.5463	0.0065	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
790	AASHTO-VBC	4,2254	-42,3591	0,7713	0,0055	0,0003	0,0004
790	AASHTO-VBD	1,2691	-52,2935	3,4861	0,0068	0,0001	0,0002
790	AASHTO-I-E	0,5343	-17,9567	-7,1653	0,0023	0,0002	-0,0001
790	AASHTO-II-E	0,9219	-19,2570	-6,0806	0,0023	0,0001	0,0000
790	AASHTO-III-E	1,0573	-19,8334	-6,4540	0,0026	0,0002	0,0000
790	AASHTO-VBA-S	3,2374	-21,8808	-5,0229	0,0028	0,0003	0,0001
790	AASHTO-VBS-S	0,9707	-26,0659	-3,4127	0,0036	0,0001	0,0001
791	AASHTO-I	1,4348	-32,5975	-8,3205	0,0042	0,0004	-0,0002
791	AASHTO-II	1,2009	-32,8164	-8,4125	0,0042	0,0001	0,0001
791	AASHTO-III	1,5441	-35,7295	-8,1998	0,0047	0,0003	-0,0001
791	AASHTO-VBA	4,2305	-41,1498	-5,4833	0,0053	0,0004	0,0003
791	AASHTO-VBB	1,2664	-51,0194	-0,6180	0,0065	0,0001	0,0001
791	AASHTO-VBC	4,2222	-42,3665	0,5704	0,0055	0,0003	0,0003
791	AASHTO-VBD	1,2644	-52,2981	3,4364	0,0068	0,0001	0,0001
791	AASHTO-I-E	0,5334	-17,9609	-7,2644	0,0023	0,0002	0,0000
791	AASHTO-II-E	0,9207	-19,2583	-6,1414	0,0023	0,0001	0,0000
791	AASHTO-III-E	1,0559	-19,8381	-6,5783	0,0026	0,0002	0,0000
791	AASHTO-VBA-S	3,2358	-21,8845	-5,1867	0,0028	0,0003	0,0001
791	AASHTO-VBS-S	0,9690	-26,0681	-3,4698	0,0036	0,0001	0,0001
792	AASHTO-I	1,4333	-32,5998	-8,5479	0,0042	0,0004	-0,0002
792	AASHTO-II	1,1989	-32,8170	-8,4783	0,0042	0,0001	0,0001
792	AASHTO-III	1,5420	-35,7325	-8,3408	0,0047	0,0003	-0,0001
792	AASHTO-VBA	4,2276	-41,1532	-5,6824	0,0053	0,0003	0,0003
792	AASHTO-VBB	1,2625	-51,0190	-0,6826	0,0065	0,0001	0,0001
792	AASHTO-VBC	4,2192	-42,3698	0,3749	0,0055	0,0003	0,0003
792	AASHTO-VBD	1,2602	-52,2978	3,3762	0,0068	0,0001	0,0001
792	AASHTO-I-E	0,5326	-17,9631	-7,3537	0,0023	0,0001	0,0000
792	AASHTO-II-E	0,9197	-19,2595	-6,1931	0,0023	0,0001	0,0000
792	AASHTO-III-E	1,0548	-19,8405	-6,6954	0,0026	0,0002	0,0000
792	AASHTO-VBA-S	3,2344	-21,8858	-5,3412	0,0028	0,0003	0,0001
792	AASHTO-VBS-S	0,9678	-26,0673	-3,5210	0,0036	0,0001	0,0001
793	AASHTO-I	1,4315	-32,6036	-8,7569	0,0042	0,0003	-0,0002
793	AASHTO-II	1,1967	-32,8149	-8,5308	0,0042	0,0001	0,0001
793	AASHTO-III	1,5396	-35,7365	-8,5053	0,0047	0,0003	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
793	AASHTO-VBA	4,2246	-41,1534	-5,8695	0,0053	0,0003	0,0003
793	AASHTO-VBB	1,2585	-51,0147	-0,7896	0,0065	0,0001	0,0001
793	AASHTO-VBC	4,2160	-42,3698	0,1869	0,0055	0,0003	0,0003
793	AASHTO-VBD	1,2560	-52,2937	3,3157	0,0068	0,0001	0,0001
793	AASHTO-I-E	0,5317	-17,9658	-7,4289	0,0023	0,0001	0,0000
793	AASHTO-II-E	0,9186	-19,2581	-6,2328	0,0023	0,0001	0,0000
793	AASHTO-III-E	1,0535	-19,8411	-6,7967	0,0026	0,0002	0,0000
793	AASHTO-VBA-S	3,2327	-21,8847	-5,4842	0,0028	0,0002	0,0001
793	AASHTO-VBS-S	0,9631	-26,0640	-3,5842	0,0036	0,0001	0,0001
794	AASHTO-I	1,4299	-32,6073	-8,9444	0,0042	0,0003	-0,0002
794	AASHTO-II	1,1946	-32,8096	-8,5685	0,0042	0,0001	0,0001
794	AASHTO-III	1,5374	-35,7373	-8,6425	0,0047	0,0002	-0,0001
794	AASHTO-VBA	4,2217	-41,1498	-6,0441	0,0053	0,0003	0,0003
794	AASHTO-VBB	1,2547	-51,0091	-0,7878	0,0065	0,0001	0,0002
794	AASHTO-VBC	4,2129	-42,3664	0,0018	0,0055	0,0003	0,0003
794	AASHTO-VBD	1,2520	-52,2854	3,2582	0,0068	0,0001	0,0002
794	AASHTO-I-E	0,5307	-17,9625	-7,4880	0,0023	0,0001	0,0000
794	AASHTO-II-E	0,9175	-19,2548	-6,2188	0,0023	0,0000	0,0000
794	AASHTO-III-E	1,0522	-19,8397	-6,8871	0,0026	0,0001	0,0000
794	AASHTO-VBA-S	3,2310	-21,8816	-5,6151	0,0028	0,0002	0,0001
794	AASHTO-VBS-S	0,9608	-26,0580	-3,5976	0,0036	0,0001	0,0001
795	AASHTO-I	1,4264	-32,6065	-9,1114	0,0043	0,0003	-0,0002
795	AASHTO-II	1,1927	-32,8017	-8,5926	0,0042	0,0000	0,0001
795	AASHTO-III	1,5354	-35,7351	-8,7685	0,0047	0,0002	-0,0001
795	AASHTO-VBA	4,2191	-41,1433	-6,2084	0,0053	0,0003	0,0004
795	AASHTO-VBB	1,2516	-50,9939	-0,8278	0,0065	0,0001	0,0002
795	AASHTO-VBC	4,2102	-42,3599	-0,1778	0,0055	0,0003	0,0004
795	AASHTO-VBD	1,2487	-52,2795	3,2027	0,0068	0,0001	0,0002
795	AASHTO-I-E	0,5300	-17,9597	-7,5320	0,0023	0,0001	0,0000
795	AASHTO-II-E	0,9165	-19,2499	-6,2723	0,0023	0,0000	0,0001
795	AASHTO-III-E	1,0511	-19,8364	-6,9616	0,0026	0,0001	0,0000
795	AASHTO-VBA-S	3,2295	-21,8806	-5,7359	0,0029	0,0002	0,0002
795	AASHTO-VBS-S	0,9588	-26,0497	-3,6226	0,0036	0,0000	0,0001
796	AASHTO-I	1,4268	-32,6058	-9,2917	0,0043	0,0003	-0,0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
796	AASHTO-E	1,1907	-32,7903	-5,6070	0,0042	0,0001	0,0002
796	AASHTO-EI	1,5334	-35,7293	-6,8817	0,0047	0,0002	-0,0001
796	AASHTO-VIIA	4,2145	-41,1328	-4,3671	0,0053	0,0003	0,0005
796	AASHTO-VIIB	1,2484	-50,9772	-0,6621	0,0065	0,0001	0,0002
796	AASHTO-VIIC	4,2072	-42,3494	-0,3166	0,0056	0,0003	0,0005
796	AASHTO-VIID	1,2454	-52,2572	3,1483	0,0068	0,0001	0,0002
796	AASHTO-I-E	0,5290	-17,9547	-7,5640	0,0023	0,0001	0,0000
796	AASHTO-II-E	0,8153	-19,2438	-6,2770	0,0023	0,0000	0,0001
796	AASHTO-III-E	1,0499	-19,8309	-7,0254	0,0028	0,0001	0,0000
796	AASHTO-VIIA-E	3,2278	-21,8792	-5,9597	0,0029	0,0002	0,0002
796	AASHTO-VIIB-E	0,9568	-26,0395	-5,6412	0,0036	0,0000	0,0001
797	AASHTO-I	1,4273	-32,8046	-6,4219	0,0043	0,0003	-0,0003
797	AASHTO-II	1,1811	-32,7905	-5,6254	0,0042	0,0001	0,0002
797	AASHTO-III	1,5337	-35,7249	-7,0029	0,0047	0,0002	-0,0001
797	AASHTO-VIIA	4,2166	-41,1244	-4,5360	0,0053	0,0003	0,0006
797	AASHTO-VIIB	1,2485	-50,9625	-0,8977	0,0065	0,0001	0,0003
797	AASHTO-VIIC	4,2075	-42,3411	-0,5410	0,0056	0,0003	0,0006
797	AASHTO-VIID	1,2454	-52,2430	3,0969	0,0068	0,0001	0,0003
797	AASHTO-I-E	0,5294	-17,9506	-7,6039	0,0023	0,0001	0,0000
797	AASHTO-II-E	0,8156	-19,2367	-6,2985	0,0023	0,0000	0,0001
797	AASHTO-III-E	1,0502	-19,8263	-7,0973	0,0028	0,0001	0,0000
797	AASHTO-VIIA-E	3,2280	-21,8730	-5,9763	0,0029	0,0002	0,0002
797	AASHTO-VIIB-E	0,9569	-26,0286	-5,6647	0,0036	0,0001	0,0001
798	AASHTO-I	1,4684	-32,4669	-0,7380	0,0042	0,0004	-0,0004
798	AASHTO-II	1,2264	-32,7748	-2,2851	0,0043	0,0002	0,0000
798	AASHTO-III	1,5793	-35,8200	-1,7908	0,0047	0,0003	-0,0003
798	AASHTO-VIIA	4,2681	-41,0723	1,4928	0,0053	0,0004	0,0003
798	AASHTO-VIIB	1,3117	-50,9580	3,9332	0,0065	0,0001	0,0001
798	AASHTO-VIIC	4,2598	-42,2909	5,9516	0,0055	0,0004	0,0003
798	AASHTO-VIID	1,3118	-52,2359	8,0204	0,0068	0,0001	0,0001
798	AASHTO-I-E	0,5476	-17,9198	-6,0921	0,0023	0,0002	-0,0001
798	AASHTO-II-E	0,9046	-19,2347	-4,2788	0,0023	0,0001	0,0000
798	AASHTO-III-E	1,0745	-19,7892	-5,9667	0,0026	0,0002	-0,0001
798	AASHTO-VIIA-E	3,2557	-21,8546	-2,0731	0,0028	0,0003	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
798	AASHTO-VIIB-E	0,9902	-26,0311	-6,6868	0,0036	0,0001	0,0000
799	AASHTO-I	1,4652	-32,4679	-4,0036	0,0043	0,0004	-0,0004
799	AASHTO-II	1,2251	-32,7671	-2,3499	0,0042	0,0002	0,0000
799	AASHTO-III	1,5778	-35,8401	-1,9678	0,0047	0,0003	-0,0002
799	AASHTO-VIIA	4,2645	-41,0900	1,2581	0,0053	0,0004	0,0002
799	AASHTO-VIIB	1,3094	-50,9758	3,7729	0,0065	0,0001	0,0000
799	AASHTO-VIIC	4,2581	-42,3092	5,4359	0,0055	0,0004	0,0003
799	AASHTO-VIID	1,3094	-52,2536	7,9531	0,0068	0,0001	0,0001
799	AASHTO-I-E	0,5468	-17,9296	-6,2150	0,0022	0,0002	-0,0001
799	AASHTO-II-E	0,8936	-19,2422	-4,3640	0,0023	0,0001	0,0000
799	AASHTO-III-E	1,0736	-19,7996	-6,1139	0,0026	0,0002	-0,0001
799	AASHTO-VIIA-E	3,2547	-21,8646	-2,2589	0,0028	0,0003	0,0001
799	AASHTO-VIIB-E	0,9947	-26,0423	-0,9600	0,0036	0,0001	0,0000
800	AASHTO-I	1,4615	-32,5073	-4,2823	0,0042	0,0004	-0,0003
800	AASHTO-II	1,2213	-32,7677	-2,4655	0,0042	0,0001	0,0000
800	AASHTO-III	1,5736	-35,8583	-2,1875	0,0047	0,0003	-0,0002
800	AASHTO-VIIA	4,2598	-41,1056	1,0357	0,0052	0,0004	0,0002
800	AASHTO-VIIB	1,3034	-50,9812	3,8946	0,0065	0,0001	0,0001
800	AASHTO-VIIC	4,2534	-42,3235	5,2305	0,0055	0,0004	0,0003
800	AASHTO-VIID	1,3034	-52,2656	7,8917	0,0068	0,0001	0,0001
800	AASHTO-I-E	0,5448	-17,9571	-5,5524	0,0022	0,0002	-0,0001
800	AASHTO-II-E	0,9518	-19,2495	-4,4425	0,0023	0,0001	0,0000
800	AASHTO-III-E	1,0711	-19,8093	-4,2533	0,0026	0,0002	-0,0001
800	AASHTO-VIIA-E	3,2520	-21,8734	-2,4352	0,0028	0,0003	0,0001
800	AASHTO-VIIB-E	0,9910	-26,0520	-1,0252	0,0035	0,0001	0,0000
801	AASHTO-I	1,4572	-32,5233	-4,5039	0,0042	0,0004	-0,0003
801	AASHTO-II	1,2168	-32,8058	-2,5451	0,0042	0,0001	0,0000
801	AASHTO-III	1,5688	-35,8731	-2,3717	0,0047	0,0003	-0,0002
801	AASHTO-VIIA	4,2544	-41,1174	0,8293	0,0052	0,0004	0,0002
801	AASHTO-VIIB	1,2983	-51,0023	3,6281	0,0065	0,0001	0,0001
801	AASHTO-VIIC	4,2478	-42,3350	5,0349	0,0055	0,0003	0,0003
801	AASHTO-VIID	1,2961	-52,2800	7,8358	0,0068	0,0001	0,0001
801	AASHTO-I-E	0,5423	-17,9453	-5,4953	0,0022	0,0002	-0,0001
801	AASHTO-II-E	0,9290	-19,2529	-4,5070	0,0023	0,0001	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
801	AASHTO-BI-S	1.0681	-19.8186	-4.3795	0.0026	0.0003	-0.0001
801	AASHTO-VBA-S	3.2497	-21.8737	-2.5976	0.0029	0.0003	0.0001
801	AASHTO-VBB-S	0.9665	-26.0568	-1.0800	0.0035	0.0001	0.0000
802	AASHTO-I	1.4528	-32.5366	-4.7249	0.0042	0.0004	-0.0003
802	AASHTO-II	1.2119	-32.9095	-2.6075	0.0042	0.0001	0.0000
802	AASHTO-III	1.5634	-35.8847	-2.5389	0.0047	0.0003	-0.0002
802	AASHTO-VBA	4.2485	-41.1256	0.6378	0.0053	0.0003	0.0002
802	AASHTO-VBB	1.2888	-51.0094	3.5730	0.0065	0.0001	0.0001
802	AASHTO-VBC	4.2418	-42.3432	4.8471	0.0055	0.0003	0.0003
802	AASHTO-VBD	1.2883	-52.2672	7.7845	0.0068	0.0001	0.0001
802	AASHTO-I-S	0.5396	-17.8478	-5.5218	0.0022	0.0001	-0.0001
802	AASHTO-II-S	0.8203	-18.2505	-4.5565	0.0023	0.0001	0.0000
802	AASHTO-III-S	1.2851	-19.8221	-4.4915	0.0026	0.0002	-0.0001
802	AASHTO-VBA-S	3.2453	-21.8641	-2.7466	0.0029	0.0003	0.0001
802	AASHTO-VBB-S	0.9616	-26.0632	-1.1241	0.0035	0.0001	0.0000
803	AASHTO-I	1.4489	-32.5465	-4.9285	0.0042	0.0004	-0.0003
803	AASHTO-II	1.2076	-32.9196	-2.6957	0.0042	0.0001	0.0000
803	AASHTO-III	1.5587	-35.8929	-2.6917	0.0047	0.0003	-0.0002
803	AASHTO-VBA	4.2432	-41.1303	0.4573	0.0053	0.0003	0.0003
803	AASHTO-VBB	1.2816	-51.0119	3.5268	0.0065	0.0001	0.0001
803	AASHTO-VBC	4.2361	-42.3475	4.8842	0.0055	0.0003	0.0003
803	AASHTO-VBD	1.2809	-52.2698	7.7356	0.0068	0.0001	0.0001
803	AASHTO-I-S	0.5376	-17.9503	-5.5944	0.0022	0.0001	-0.0001
803	AASHTO-II-S	0.8239	-18.2561	-4.5934	0.0023	0.0001	0.0000
803	AASHTO-III-S	1.2824	-19.8253	-4.5900	0.0026	0.0002	-0.0001
803	AASHTO-VBA-S	3.2422	-21.8690	-2.8854	0.0029	0.0003	0.0001
803	AASHTO-VBB-S	0.9772	-26.0647	-1.1599	0.0035	0.0001	0.0000
804	AASHTO-I	1.4473	-32.5548	-5.1258	0.0042	0.0004	-0.0003
804	AASHTO-II	1.2055	-32.8100	-2.6986	0.0042	0.0001	0.0001
804	AASHTO-III	1.5583	-35.8991	-2.8399	0.0047	0.0003	-0.0002
804	AASHTO-VBA	4.2404	-41.1330	0.2784	0.0053	0.0003	0.0003
804	AASHTO-VBB	1.2771	-51.0118	3.4828	0.0065	0.0001	0.0001
804	AASHTO-VBC	4.2331	-42.3500	4.4810	0.0055	0.0003	0.0004
804	AASHTO-VBD	1.2762	-52.2900	7.6872	0.0068	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
804	AASHTO-I-S	0.5368	-17.9519	-5.6620	0.0022	0.0001	-0.0001
804	AASHTO-II-S	0.8228	-18.2558	-4.6286	0.0023	0.0001	0.0000
804	AASHTO-III-S	1.2810	-19.8274	-4.6953	0.0026	0.0002	-0.0001
804	AASHTO-VBA-S	3.2407	-21.8899	-3.0228	0.0029	0.0003	0.0001
804	AASHTO-VBB-S	0.9744	-26.0645	-1.1940	0.0036	0.0001	0.0001
805	AASHTO-I	1.4471	-32.5638	-5.3318	0.0042	0.0004	-0.0003
805	AASHTO-II	1.2048	-32.8103	-2.7521	0.0042	0.0001	0.0001
805	AASHTO-III	1.5554	-35.7091	-2.9906	0.0047	0.0003	-0.0002
805	AASHTO-VBA	4.2390	-41.1368	0.0890	0.0053	0.0003	0.0004
805	AASHTO-VBB	1.2749	-51.0124	3.4299	0.0065	0.0001	0.0001
805	AASHTO-VBC	4.2314	-42.3535	4.2898	0.0055	0.0003	0.0004
805	AASHTO-VBD	1.2791	-52.2907	7.6322	0.0068	0.0001	0.0002
805	AASHTO-I-S	0.5368	-17.9539	-5.7362	0.0022	0.0001	-0.0001
805	AASHTO-II-S	0.8229	-18.2559	-4.6866	0.0023	0.0001	0.0000
805	AASHTO-III-S	1.2808	-19.8299	-4.7671	0.0026	0.0002	-0.0001
805	AASHTO-VBA-S	3.2399	-21.8883	-3.1482	0.0029	0.0003	0.0002
805	AASHTO-VBB-S	0.9726	-26.0646	-1.2345	0.0036	0.0001	0.0001
806	AASHTO-I	1.4469	-32.5746	-5.5535	0.0042	0.0004	-0.0003
806	AASHTO-II	1.2042	-32.8124	-2.8175	0.0042	0.0001	0.0001
806	AASHTO-III	1.5546	-35.7149	-3.1671	0.0047	0.0003	-0.0001
806	AASHTO-VBA	4.2378	-41.1422	-0.1128	0.0053	0.0004	0.0004
806	AASHTO-VBB	1.2719	-51.0148	3.3855	0.0065	0.0001	0.0001
806	AASHTO-VBC	4.2299	-42.3589	4.2903	0.0055	0.0003	0.0004
806	AASHTO-VBD	1.2701	-52.2952	7.5700	0.0068	0.0001	0.0002
806	AASHTO-I-S	0.5368	-17.9568	-5.8233	0.0023	0.0002	-0.0001
806	AASHTO-II-S	0.8224	-18.2578	-4.7173	0.0023	0.0001	0.0000
806	AASHTO-III-S	1.2802	-19.8335	-4.9000	0.0026	0.0002	0.0000
806	AASHTO-VBA-S	3.2393	-21.8908	-3.3237	0.0029	0.0003	0.0001
806	AASHTO-VBB-S	0.9709	-26.0657	-1.2843	0.0036	0.0001	0.0001
807	AASHTO-I	1.4453	-32.5803	-5.7649	0.0042	0.0004	-0.0002
807	AASHTO-II	1.2021	-32.8153	-2.8903	0.0042	0.0001	0.0001
807	AASHTO-III	1.3521	-35.7242	-3.3481	0.0047	0.0003	-0.0001
807	AASHTO-VBA	4.2348	-41.1484	-0.3251	0.0053	0.0003	0.0003
807	AASHTO-VBB	1.2670	-51.0177	3.2937	0.0065	0.0001	0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
807	AASHTO-VBC	4.2284	-42.3651	5.8677	0.0055	0.0009	0.0003
807	AASHTO-VBD	1.2852	-52.2952	7.5029	0.0068	0.0001	0.0001
807	AASHTO-II-S	0.5360	-17.9603	-6.5181	0.0022	0.0002	0.0000
807	AASHTO-II-E	0.6213	-18.2596	-4.7738	0.0023	0.0001	0.0000
807	AASHTO-III-S	1.0566	-19.8373	-5.0194	0.0029	0.0002	0.0000
807	AASHTO-VBA-S	3.2374	-21.8837	-3.4834	0.0029	0.0003	0.0001
807	AASHTO-VBB-S	0.9676	-26.0670	-1.3393	0.0036	0.0001	0.0001
808	AASHTO-I	1.4414	-32.5962	-6.0101	0.0042	0.0004	-0.0002
808	AASHTO-II	1.1977	-22.8183	-2.9571	0.0042	0.0001	0.0001
808	AASHTO-III	1.5474	-35.7317	-3.5195	0.0047	0.0003	-0.0001
808	AASHTO-VBA	4.2240	-41.1525	-0.5198	0.0053	0.0005	0.0003
808	AASHTO-VBB	1.2587	-51.0178	3.2259	0.0065	0.0001	0.0001
808	AASHTO-VBC	4.2206	-42.3689	5.8906	0.0055	0.0003	0.0003
808	AASHTO-VBD	1.2577	-52.2996	7.4376	0.0066	0.0001	0.0001
808	AASHTO-II-S	0.5336	-17.9626	-6.5052	0.0022	0.0001	0.0000
808	AASHTO-II-E	0.5189	-18.2591	-4.8253	0.0023	0.0001	0.0000
808	AASHTO-III-S	1.0581	-19.8401	-5.1343	0.0028	0.0002	0.0000
808	AASHTO-VBA-S	3.2342	-21.8851	-3.6371	0.0029	0.0003	0.0001
808	AASHTO-VBB-S	0.9633	-26.0668	-1.3913	0.0035	0.0001	0.0001
809	AASHTO-I	1.4371	-32.6029	-6.2154	0.0042	0.0003	-0.0002
809	AASHTO-II	1.1929	-22.8141	-3.0080	0.0042	0.0001	0.0001
809	AASHTO-III	1.5423	-35.7357	-3.6796	0.0047	0.0003	-0.0001
809	AASHTO-VBA	4.2230	-41.1523	-0.7081	0.0053	0.0003	0.0003
809	AASHTO-VBB	1.2521	-51.0134	3.1680	0.0065	0.0001	0.0002
809	AASHTO-VBC	4.2144	-42.3688	5.5021	0.0055	0.0003	0.0003
809	AASHTO-VBD	1.2499	-52.2934	7.3765	0.0066	0.0001	0.0001
809	AASHTO-II-S	0.5313	-17.9653	-6.0764	0.0023	0.0001	0.0000
809	AASHTO-II-E	0.5161	-18.2576	-4.8435	0.0023	0.0001	0.0000
809	AASHTO-III-S	1.0531	-19.8408	-5.2355	0.0028	0.0002	0.0000
809	AASHTO-VBA-S	3.2306	-21.8841	-3.7780	0.0029	0.0002	0.0001
809	AASHTO-VBB-S	0.9585	-26.0632	-1.4341	0.0035	0.0001	0.0001
810	AASHTO-I	1.4329	-32.6067	-6.3969	0.0042	0.0003	-0.0002
810	AASHTO-II	1.1882	-22.8090	-3.0429	0.0042	0.0001	0.0001
810	AASHTO-III	1.5373	-35.7395	-3.8143	0.0047	0.0002	-0.0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
810	AASHTO-VBA	4.2172	-41.1490	-0.8754	0.0053	0.0003	0.0003
810	AASHTO-VBB	1.2449	-51.0051	3.1218	0.0065	0.0001	0.0002
810	AASHTO-VBC	4.2084	-42.3655	5.3219	0.0055	0.0003	0.0004
810	AASHTO-VBD	1.2428	-52.2845	7.3193	0.0066	0.0001	0.0002
810	AASHTO-II-S	0.5288	-17.9622	-6.1318	0.0023	0.0001	0.0000
810	AASHTO-II-E	0.5134	-18.2544	-4.8965	0.0023	0.0000	0.0000
810	AASHTO-III-S	1.0501	-19.8382	-5.3204	0.0028	0.0001	0.0000
810	AASHTO-VBA-S	3.2271	-21.8811	-3.9054	0.0029	0.0002	0.0001
810	AASHTO-VBB-S	0.9538	-26.0573	-1.4862	0.0036	0.0001	0.0001
811	AASHTO-I	1.4292	-32.6073	-6.5565	0.0043	0.0003	-0.0002
811	AASHTO-II	1.1842	-22.8005	-3.0619	0.0042	0.0000	0.0001
811	AASHTO-III	1.5330	-35.7339	-3.8344	0.0047	0.0002	-0.0001
811	AASHTO-VBA	4.2122	-41.1419	-1.0340	0.0053	0.0003	0.0004
811	AASHTO-VBB	1.2388	-50.9923	3.0859	0.0065	0.0001	0.0002
811	AASHTO-VBC	4.2033	-42.3684	5.1464	0.0055	0.0003	0.0004
811	AASHTO-VBD	1.2364	-52.2719	7.2466	0.0066	0.0001	0.0002
811	AASHTO-II-S	0.5267	-17.9591	-6.1711	0.0023	0.0001	0.0000
811	AASHTO-II-E	0.5111	-18.2482	-4.8964	0.0023	0.0000	0.0001
811	AASHTO-III-S	1.0476	-19.8357	-5.3906	0.0028	0.0001	0.0000
811	AASHTO-VBA-S	3.2241	-21.8857	-4.0232	0.0029	0.0002	0.0002
811	AASHTO-VBB-S	0.9501	-26.0487	-1.4889	0.0036	0.0000	0.0001
812	AASHTO-I	1.4260	-32.6081	-6.7065	0.0043	0.0003	-0.0002
812	AASHTO-II	1.1829	-22.7905	-3.0763	0.0042	0.0000	0.0002
812	AASHTO-III	1.5315	-35.7294	-4.0472	0.0047	0.0002	-0.0001
812	AASHTO-VBA	4.2104	-41.1330	-1.1908	0.0053	0.0003	0.0005
812	AASHTO-VBB	1.2365	-50.9773	3.0546	0.0065	0.0001	0.0002
812	AASHTO-VBC	4.2015	-42.3496	2.9709	0.0056	0.0003	0.0005
812	AASHTO-VBD	1.2340	-52.2573	7.2167	0.0066	0.0001	0.0002
812	AASHTO-II-S	0.5260	-17.9549	-6.2038	0.0023	0.0001	0.0000
812	AASHTO-II-E	0.5103	-18.2429	-4.9016	0.0023	0.0000	0.0001
812	AASHTO-III-S	1.0466	-19.8310	-5.4057	0.0028	0.0001	0.0000
812	AASHTO-VBA-S	3.2231	-21.8793	-4.1378	0.0029	0.0002	0.0002
812	AASHTO-VBB-S	0.9486	-26.0386	-1.5081	0.0036	0.0000	0.0001
813	AASHTO-I	1.3959	-32.6194	-29.7288	0.0041	0.0003	-0.0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
813	AASHTO-II	1,2254	-32,7799	-25,6812	0,0041	0,0001	0,0003
813	AASHTO-III	1,5174	-35,7328	-29,5395	0,0046	0,0005	-0,0001
813	AASHTO-VIIA	4,2351	-41,1244	-28,9982	0,0052	0,0003	0,0007
813	AASHTO-VIIB	1,3091	-50,9503	-31,8796	0,0065	0,0001	0,0005
813	AASHTO-VIIC	4,2248	-42,3402	-27,2876	0,0055	0,0003	0,0007
813	AASHTO-VIID	1,3033	-52,2304	-29,2580	0,0067	0,0001	0,0005
813	AASHTO4-E	0,5336	-17,9624	-18,3260	0,0022	0,0001	0,0000
813	AASHTO-II-S	0,9370	-19,2341	-17,1550	0,0023	0,0001	0,0001
813	AASHTO-III-S	1,0539	-19,8276	-19,5493	0,0025	0,0002	0,0000
813	AASHTO-VIIA-S	3,2459	-21,8716	-19,7471	0,0029	0,0003	0,0003
813	AASHTO-VIIB-S	0,9990	-26,0200	-20,5785	0,0035	0,0001	0,0002
814	AASHTO4	1,3874	-32,8108	-29,5329	0,0041	0,0003	-0,0003
814	AASHTO-II	1,2269	-32,7771	-25,6439	0,0042	0,0001	0,0003
814	AASHTO-III	1,5189	-35,7376	-29,3895	0,0046	0,0002	-0,0001
814	AASHTO-VIIA	4,2348	-41,1237	-28,8041	0,0052	0,0003	0,0007
814	AASHTO-VIIB	1,3099	-50,9500	-31,8003	0,0065	0,0001	0,0005
814	AASHTO-VIIC	4,2266	-42,3400	-27,2709	0,0055	0,0003	0,0007
814	AASHTO-VIID	1,3051	-52,2354	-29,2241	0,0066	0,0001	0,0005
814	AASHTO4-E	0,5345	-17,9507	-18,2634	0,0022	0,0001	0,0000
814	AASHTO-II-S	0,9379	-19,2348	-17,1250	0,0023	0,0001	0,0001
814	AASHTO-III-S	1,0567	-19,8262	-19,4577	0,0025	0,0002	0,0000
814	AASHTO-VIIA-S	3,2469	-21,8719	-19,5975	0,0029	0,0002	0,0003
814	AASHTO-VIIB-S	1,0002	-26,0254	-20,5541	0,0035	0,0000	0,0002
815	AASHTO4	1,3841	-32,8102	-27,0696	0,0041	0,0003	-0,0003
815	AASHTO-II	1,2234	-32,7765	-23,1424	0,0043	0,0001	0,0003
815	AASHTO-III	1,5220	-35,7269	-26,8254	0,0048	0,0003	-0,0001
815	AASHTO-VIIA	4,2352	-41,1229	-26,3826	0,0052	0,0003	0,0007
815	AASHTO-VIIB	1,3028	-50,9642	-29,0529	0,0065	0,0001	0,0005
815	AASHTO-VIIC	4,2249	-42,3393	-25,7650	0,0055	0,0003	0,0007
815	AASHTO-VIID	1,2979	-52,2346	-25,1614	0,0066	0,0001	0,0005
815	AASHTO4-E	0,5350	-17,9504	-16,9530	0,0022	0,0001	0,0000
815	AASHTO-II-S	0,9360	-19,2344	-15,7779	0,0023	0,0001	0,0001
815	AASHTO-III-S	1,0570	-19,8257	-17,9166	0,0025	0,0002	0,0000
815	AASHTO-VIIA-S	3,2451	-21,8714	-17,9180	0,0028	0,0003	0,0003

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
815	AASHTO-VIIB-S	0,9053	-26,0229	-18,4441	0,0035	0,0001	0,0002
816	AASHTO4	1,4095	-32,8133	-24,8422	0,0040	0,0004	-0,0003
816	AASHTO-II	1,2228	-32,7797	-20,6710	0,0041	0,0001	0,0003
816	AASHTO-III	1,5282	-35,7302	-23,8923	0,0045	0,0003	-0,0001
816	AASHTO-VIIA	4,2351	-41,1267	-23,5080	0,0052	0,0004	0,0007
816	AASHTO-VIIB	1,2993	-50,9582	-24,1920	0,0064	0,0001	0,0005
816	AASHTO-VIIC	4,2257	-42,3431	-20,4905	0,0054	0,0004	0,0007
816	AASHTO-VIID	1,2941	-52,2398	-21,1313	0,0067	0,0001	0,0005
816	AASHTO4-E	0,5372	-17,9622	-15,6659	0,0021	0,0001	0,0000
816	AASHTO-II-S	0,9356	-19,2364	-14,4515	0,0022	0,0001	0,0001
816	AASHTO-III-S	1,0591	-19,8277	-16,4436	0,0026	0,0002	0,0000
816	AASHTO-VIIA-S	3,2456	-21,8737	-16,2622	0,0028	0,0003	0,0003
816	AASHTO-VIIB-S	0,9928	-26,0253	-16,3581	0,0035	0,0001	0,0002
817	AASHTO4	1,4126	-32,8130	-22,6470	0,0040	0,0004	-0,0002
817	AASHTO-II	1,2235	-32,7795	-18,6341	0,0041	0,0001	0,0002
817	AASHTO-III	1,5347	-35,7298	-21,8409	0,0046	0,0003	0,0000
817	AASHTO-VIIA	4,2366	-41,1264	-20,8916	0,0052	0,0003	0,0006
817	AASHTO-VIIB	1,2940	-50,9577	-21,0029	0,0064	0,0001	0,0004
817	AASHTO-VIIC	4,2264	-42,3429	-17,7932	0,0054	0,0004	0,0006
817	AASHTO-VIID	1,2924	-52,2391	-17,7988	0,0067	0,0001	0,0004
817	AASHTO4-E	0,5368	-17,9620	-14,6085	0,0021	0,0001	0,0000
817	AASHTO-II-S	0,9366	-19,2361	-13,3609	0,0023	0,0001	0,0001
817	AASHTO-III-S	1,0618	-19,8273	-15,2140	0,0025	0,0002	0,0000
817	AASHTO-VIIA-S	3,2474	-21,8735	-14,8989	0,0028	0,0003	0,0002
817	AASHTO-VIIB-S	0,9918	-26,0249	-14,8363	0,0035	0,0001	0,0002
818	AASHTO4	1,4195	-32,8157	-20,6747	0,0041	0,0004	-0,0001
818	AASHTO-II	1,2218	-32,7822	-16,6210	0,0041	0,0001	0,0001
818	AASHTO-III	1,5387	-35,7325	-19,4130	0,0046	0,0003	0,0000
818	AASHTO-VIIA	4,2395	-41,1294	-19,4049	0,0052	0,0003	0,0003
818	AASHTO-VIIB	1,2935	-50,9610	-17,8446	0,0065	0,0001	0,0002
818	AASHTO-VIIC	4,2266	-42,3480	-15,1018	0,0055	0,0003	0,0003
818	AASHTO-VIID	1,2874	-52,2418	-14,4951	0,0067	0,0001	0,0002
818	AASHTO4-E	0,5412	-17,9635	-13,5867	0,0022	0,0001	0,0000
818	AASHTO-II-S	0,9360	-19,2376	-12,2856	0,0022	0,0001	0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
618	AASHTO-I5-S	1.0631	-19.8289	-13.8997	0.0025	0.0002	0.0000
618	AASHTO-VI5A-S	3.2478	-21.8751	-13.5484	0.0028	0.0003	0.0001
618	AASHTO-VI5B-S	0.9890	-26.0297	-12.9513	0.0035	0.0001	0.0001
620	AASHTO-I	1.4217	-32.8139	-16.5090	0.0043	0.0004	-0.0001
620	AASHTO-II	1.2096	-32.7804	-12.4587	0.0042	0.0001	0.0001
620	AASHTO-III	1.5353	-35.7308	-14.7665	0.0047	0.0003	0.0000
620	AASHTO-VIIA	4.2290	-41.1270	-13.2330	0.0053	0.0003	0.0002
620	AASHTO-VIIB	1.2732	-50.9582	-11.3916	0.0065	0.0001	0.0001
620	AASHTO-VIIC	4.2183	-42.3438	-8.6222	0.0055	0.0003	0.0002
620	AASHTO-VIID	1.2677	-52.2401	-7.7836	0.0068	0.0001	0.0001
620	AASHTO-I-S	0.5363	-17.9523	-11.3485	0.0023	0.0001	0.0000
620	AASHTO-II-S	0.8277	-18.2364	-10.0302	0.0023	0.0001	0.0000
620	AASHTO-III-S	1.0575	-19.8278	-11.4311	0.0029	0.0002	0.0000
620	AASHTO-VIIA-S	3.2396	-21.8734	-10.7396	0.0029	0.0003	0.0001
620	AASHTO-VIIB-S	0.9750	-26.0295	-8.4129	0.0036	0.0001	0.0001
621	AASHTO-I	1.4216	-32.8106	-14.3543	0.0043	0.0004	-0.0001
621	AASHTO-II	1.2014	-32.7772	-10.3398	0.0042	0.0001	0.0001
621	AASHTO-III	1.5325	-35.7276	-12.3876	0.0048	0.0003	0.0000
621	AASHTO-VIIA	4.2228	-41.1233	-10.5827	0.0053	0.0003	0.0004
621	AASHTO-VIIB	1.2634	-50.9558	-8.1364	0.0065	0.0001	0.0002
621	AASHTO-VIIC	4.2127	-42.3403	-6.8572	0.0056	0.0004	0.0004
621	AASHTO-VIID	1.2589	-52.2368	-4.4127	0.0068	0.0001	0.0002
621	AASHTO-I-S	0.5331	-17.9503	-10.1960	0.0023	0.0001	0.0000
621	AASHTO-II-S	0.8227	-18.2344	-8.8889	0.0023	0.0001	0.0001
621	AASHTO-III-S	1.0540	-19.8257	-10.1038	0.0029	0.0002	0.0000
621	AASHTO-VIIA-S	3.2344	-21.8711	-9.2954	0.0029	0.0003	0.0002
621	AASHTO-VIIB-S	0.9650	-26.0234	-7.6283	0.0036	0.0001	0.0001
622	AASHTO-I	1.4245	-32.8103	-12.1981	0.0043	0.0003	-0.0002
622	AASHTO-II	1.1970	-32.7770	-8.2185	0.0042	0.0001	0.0002
622	AASHTO-III	1.5336	-35.7274	-10.0068	0.0047	0.0003	-0.0001
622	AASHTO-VIIA	4.2260	-41.1233	-7.8284	0.0053	0.0003	0.0005
622	AASHTO-VIIB	1.2571	-50.9559	-4.8738	0.0065	0.0001	0.0003
622	AASHTO-VIIC	4.2123	-42.3403	-4.0862	0.0055	0.0004	0.0005
622	AASHTO-VIID	1.2532	-52.2370	-1.0329	0.0068	0.0001	0.0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
622	AASHTO-I-S	0.5316	-17.9501	-9.0455	0.0023	0.0001	0.0000
622	AASHTO-II-S	0.8196	-18.2342	-7.7100	0.0023	0.0001	0.0001
622	AASHTO-III-S	1.0524	-19.8255	-8.7776	0.0029	0.0002	0.0000
622	AASHTO-VIIA-S	3.2313	-21.8710	-7.8957	0.0029	0.0003	0.0002
622	AASHTO-VIIB-S	0.9631	-26.0235	-5.8457	0.0036	0.0001	0.0001
623	AASHTO-I	1.4251	-32.8075	-9.6161	0.0043	0.0003	-0.0002
623	AASHTO-II	1.1918	-32.7742	-5.6715	0.0042	0.0001	0.0002
623	AASHTO-III	1.5344	-35.7245	-7.1524	0.0048	0.0002	-0.0001
623	AASHTO-VIIA	4.2170	-41.1202	-4.7375	0.0053	0.0003	0.0006
623	AASHTO-VIIB	1.2491	-50.9525	-0.9516	0.0065	0.0001	0.0003
623	AASHTO-VIIC	4.2076	-42.3373	-0.7524	0.0056	0.0003	0.0005
623	AASHTO-VIID	1.2460	-52.2336	3.0329	0.0068	0.0001	0.0002
623	AASHTO-I-S	0.5299	-17.9484	-7.6842	0.0023	0.0001	0.0000
623	AASHTO-II-S	0.8160	-18.2329	-6.3186	0.0023	0.0000	0.0001
623	AASHTO-III-S	1.0506	-19.8238	-7.1902	0.0029	0.0002	0.0000
623	AASHTO-VIIA-S	3.2282	-21.8692	-6.1276	0.0029	0.0003	0.0002
623	AASHTO-VIIB-S	0.9573	-26.0214	-3.7019	0.0036	0.0001	0.0001
624	AASHTO-I	1.4303	-32.8078	-7.0465	0.0043	0.0003	-0.0002
624	AASHTO-II	1.1852	-32.7746	-3.1307	0.0042	0.0001	0.0002
624	AASHTO-III	1.5357	-35.7249	-4.3068	0.0048	0.0002	-0.0001
624	AASHTO-VIIA	4.2127	-41.1205	-1.5523	0.0053	0.0003	0.0005
624	AASHTO-VIIB	1.2396	-50.9530	2.9705	0.0065	0.0001	0.0003
624	AASHTO-VIIC	4.2036	-42.3376	3.5805	0.0056	0.0003	0.0005
624	AASHTO-VIID	1.2366	-52.2341	7.1033	0.0068	0.0001	0.0002
624	AASHTO-I-S	0.5274	-17.9466	-6.2944	0.0023	0.0001	0.0000
624	AASHTO-II-S	0.8117	-18.2328	-4.9364	0.0023	0.0000	0.0001
624	AASHTO-III-S	1.0479	-19.8240	-5.6118	0.0029	0.0002	0.0000
624	AASHTO-VIIA-S	3.2243	-21.8694	-4.4069	0.0029	0.0002	0.0002
624	AASHTO-VIIB-S	0.9500	-26.0217	-1.5843	0.0036	0.0001	0.0001
625	AASHTO-I	1.4042	-32.8212	-24.8765	0.0042	0.0004	-0.0003
625	AASHTO-II	1.2235	-32.7775	-20.7388	0.0041	0.0001	0.0002
625	AASHTO-III	1.5288	-35.7346	-24.0726	0.0046	0.0003	-0.0001
625	AASHTO-VIIA	4.2361	-41.1269	-23.7620	0.0052	0.0004	0.0007
625	AASHTO-VIIB	1.3002	-50.9625	-24.2586	0.0064	0.0001	0.0005

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
825	AASHTO-VIIC	4,2286	-42,3426	-20,7188	0,0055	0,0004	0,0007
825	AASHTO-VIID	1,2948	-52,2326	-21,1987	0,0067	0,0001	0,0004
825	AASHTO-I-E	0,5376	-17,9535	-15,7520	0,0021	0,0001	0,0000
825	AASHTO-II-E	0,9083	-18,2352	-14,5029	0,0022	0,0001	0,0001
825	AASHTO-III-E	1,0595	-19,8287	-16,5611	0,0025	0,0002	0,0000
825	AASHTO-VIIA-E	3,2402	-21,8733	-16,4346	0,0028	0,0003	0,0003
825	AASHTO-VIIB-E	0,9833	-26,0213	-16,4076	0,0035	0,0001	0,0002
826	AASHTO-I	1,3951	-32,8206	-27,2991	0,0041	0,0003	-0,0003
826	AASHTO-II	1,2245	-32,7769	-23,2002	0,0041	0,0001	0,0003
826	AASHTO-III	1,5251	-35,7541	-26,7021	0,0048	0,0003	-0,0001
826	AASHTO-VIIA	4,2345	-41,1266	-26,8781	0,0052	0,0003	0,0007
826	AASHTO-VIIB	1,3041	-50,9518	-28,1069	0,0065	0,0001	0,0005
826	AASHTO-VIIC	4,2258	-42,3418	-23,9823	0,0055	0,0003	0,0007
826	AASHTO-VIID	1,2991	-52,2320	-25,2134	0,0067	0,0001	0,0005
826	AASHTO-I-E	0,5358	-17,9532	-17,0315	0,0022	0,0001	0,0000
826	AASHTO-II-E	0,9368	-18,2349	-15,8236	0,0022	0,0001	0,0001
826	AASHTO-III-E	1,0578	-19,8264	-16,0473	0,0025	0,0002	0,0000
826	AASHTO-VIIA-E	3,2459	-21,8728	-16,0836	0,0028	0,0003	0,0003
826	AASHTO-VIIB-E	0,9661	-26,0210	-16,4803	0,0035	0,0001	0,0002
827	AASHTO-I	1,4241	-32,8127	-12,4122	0,0043	0,0003	-0,0002
827	AASHTO-II	1,1988	-32,7706	-8,2699	0,0042	0,0001	0,0002
827	AASHTO-III	1,5332	-35,7269	-10,1700	0,0048	0,0003	-0,0001
827	AASHTO-VIIA	4,2197	-41,1187	-8,1359	0,0053	0,0003	0,0005
827	AASHTO-VIIB	1,2588	-50,9481	-4,9299	0,0065	0,0001	0,0003
827	AASHTO-VIIC	4,2100	-42,3362	-4,2968	0,0055	0,0004	0,0005
827	AASHTO-VIID	1,2527	-52,2290	-1,0892	0,0068	0,0001	0,0002
827	AASHTO-I-E	0,5313	-17,9477	-9,1177	0,0023	0,0001	0,0000
827	AASHTO-II-E	0,9194	-18,2298	-7,7500	0,0023	0,0001	0,0001
827	AASHTO-III-E	1,0522	-19,8229	-8,8836	0,0026	0,0002	0,0000
827	AASHTO-VIIA-E	3,2312	-21,8669	-8,0161	0,0029	0,0003	0,0002
827	AASHTO-VIIB-E	0,9629	-26,0164	-8,8858	0,0036	0,0001	0,0001
828	AASHTO-I	1,4124	-32,8222	-22,6903	0,0046	0,0004	-0,0002
828	AASHTO-II	1,2232	-32,7785	-18,7088	0,0041	0,0001	0,0002
828	AASHTO-III	1,5344	-35,7355	-21,8299	0,0045	0,0003	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
828	AASHTO-VIIA	4,2384	-41,1280	-21,2203	0,0052	0,0004	0,0005
828	AASHTO-VIIB	1,2677	-50,9534	-21,0786	0,0064	0,0001	0,0004
828	AASHTO-VIIC	4,2282	-42,3439	-18,0187	0,0054	0,0004	0,0005
828	AASHTO-VIID	1,2920	-52,2336	-17,8745	0,0067	0,0001	0,0004
828	AASHTO-I-E	0,5397	-17,9540	-14,7008	0,0021	0,0001	0,0000
828	AASHTO-II-E	0,8985	-18,2358	-13,4170	0,0023	0,0001	0,0001
828	AASHTO-III-E	1,0617	-19,8291	-15,3377	0,0025	0,0002	0,0000
828	AASHTO-VIIA-E	3,2473	-21,8736	-15,0747	0,0028	0,0003	0,0002
828	AASHTO-VIIB-E	0,9818	-26,0218	-14,8922	0,0036	0,0001	0,0002
829	AASHTO-I	1,4204	-32,8196	-20,9028	0,0041	0,0004	-0,0001
829	AASHTO-II	1,2226	-32,7792	-16,8811	0,0041	0,0001	0,0001
829	AASHTO-III	1,5396	-35,7326	-19,5867	0,0046	0,0003	0,0000
829	AASHTO-VIIA	4,2402	-41,1252	-19,6708	0,0052	0,0004	0,0003
829	AASHTO-VIIB	1,2945	-50,9496	-17,8039	0,0064	0,0001	0,0002
829	AASHTO-VIIC	4,2293	-42,3413	-15,3194	0,0055	0,0004	0,0003
829	AASHTO-VIID	1,2884	-52,2302	-14,5563	0,0067	0,0001	0,0002
829	AASHTO-I-E	0,5417	-17,9525	-13,6490	0,0022	0,0001	0,0000
829	AASHTO-II-E	0,8964	-18,2342	-12,3315	0,0022	0,0001	0,0001
829	AASHTO-III-E	1,0636	-19,8272	-14,1128	0,0025	0,0002	0,0000
829	AASHTO-VIIA-E	3,2491	-21,8718	-13,7140	0,0028	0,0003	0,0001
829	AASHTO-VIIB-E	0,9836	-26,0192	-12,9764	0,0035	0,0001	0,0001
831	AASHTO-I	1,4206	-32,8143	-16,7260	0,0043	0,0004	0,0000
831	AASHTO-II	1,2075	-32,7720	-13,5100	0,0042	0,0001	0,0001
831	AASHTO-III	1,5342	-35,7279	-14,9307	0,0047	0,0003	0,0000
831	AASHTO-VIIA	4,2277	-41,1200	-13,4086	0,0053	0,0003	0,0002
831	AASHTO-VIIB	1,2720	-50,9466	-11,4434	0,0065	0,0001	0,0001
831	AASHTO-VIIC	4,2170	-42,3373	-8,8319	0,0055	0,0003	0,0002
831	AASHTO-VIID	1,2660	-52,2282	-7,8364	0,0068	0,0001	0,0001
831	AASHTO-I-E	0,5357	-17,9488	-11,4247	0,0023	0,0001	0,0000
831	AASHTO-II-E	0,8270	-18,2308	-10,0999	0,0023	0,0001	0,0000
831	AASHTO-III-E	1,0569	-19,8236	-11,5377	0,0026	0,0002	0,0000
831	AASHTO-VIIA-E	3,2387	-21,8677	-10,8949	0,0029	0,0003	0,0001
831	AASHTO-VIIB-E	0,9742	-26,0156	-9,4532	0,0036	0,0001	0,0001
832	AASHTO-I	1,4220	-32,8140	-14,5734	0,0043	0,0004	-0,0001

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
832	AASHTO-E	1,2017	-32,7719	-10,3852	0,0042	0,0001	0,0001
832	AASHTO-EI	1,5333	-35,7281	-12,5038	0,0047	0,0003	0,0000
832	AASHTO-VIBA	4,2233	-41,1200	-10,7920	0,0053	0,0003	0,0004
832	AASHTO-VIBB	1,2639	-50,9474	-6,1869	0,0065	0,0001	0,0002
832	AASHTO-VIBC	4,2132	-42,3374	-7,0881	0,0055	0,0004	0,0004
832	AASHTO-VIBD	1,2589	-52,2292	-4,4670	0,0068	0,0001	0,0002
832	AASHTO-I-E	0,5333	-17,9485	-10,2739	0,0023	0,0001	0,0000
832	AASHTO-EI-E	0,9230	-19,2306	-6,8122	0,0023	0,0001	0,0001
832	AASHTO-BI-S	1,0543	-19,8236	-10,2128	0,0026	0,0002	0,0000
832	AASHTO-VIBA-S	3,2347	-21,8676	-9,4581	0,0029	0,0003	0,0002
832	AASHTO-VIBB-S	0,9683	-26,0171	-7,6710	0,0036	0,0001	0,0001
833	AASHTO-I	1,4313	-32,8115	-7,2403	0,0043	0,0003	-0,0002
833	AASHTO-E	1,1882	-32,7694	-5,1723	0,0042	0,0001	0,0002
833	AASHTO-EI	1,5348	-35,7257	-4,4555	0,0048	0,0002	-0,0001
833	AASHTO-VIBA	4,2136	-41,1177	-1,7524	0,0053	0,0003	0,0005
833	AASHTO-VIBB	1,2404	-50,9447	2,9198	0,0065	0,0001	0,0003
833	AASHTO-VIBC	4,2049	-42,3352	2,3712	0,0056	0,0003	0,0005
833	AASHTO-VIBD	1,2379	-52,2295	7,0452	0,0068	0,0001	0,0002
833	AASHTO-I-E	0,5240	-17,9476	-6,3546	0,0023	0,0001	0,0000
833	AASHTO-EI-E	0,9122	-19,2292	-4,9962	0,0023	0,0000	0,0001
833	AASHTO-BI-S	1,0485	-19,8222	-6,7049	0,0026	0,0002	0,0000
833	AASHTO-VIBA-S	3,2249	-21,8664	-4,5583	0,0029	0,0003	0,0002
833	AASHTO-VIBB-S	0,9508	-26,0158	-1,8008	0,0036	0,0001	0,0001
834	AASHTO-I	1,4274	-32,8124	-9,8223	0,0043	0,0003	-0,0002
834	AASHTO-E	1,1911	-32,7703	-5,7201	0,0042	0,0001	0,0002
834	AASHTO-EI	1,5357	-35,7266	-7,3164	0,0048	0,0003	-0,0001
834	AASHTO-VIBA	4,2162	-41,1186	-4,9459	0,0053	0,0003	0,0005
834	AASHTO-VIBB	1,2482	-50,9458	-1,0049	0,0065	0,0001	0,0003
834	AASHTO-VIBC	4,2070	-42,3360	-0,9640	0,0056	0,0003	0,0005
834	AASHTO-VIBD	1,2450	-52,2276	2,9742	0,0068	0,0001	0,0002
834	AASHTO-I-E	0,5295	-17,9475	-7,7334	0,0023	0,0001	0,0000
834	AASHTO-EI-E	0,9156	-19,2297	-6,3564	0,0023	0,0001	0,0001
834	AASHTO-BI-S	1,0501	-19,8228	-7,2918	0,0026	0,0002	0,0000
834	AASHTO-VIBA-S	3,2277	-21,8668	-6,2859	0,0029	0,0003	0,0002

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
834	AASHTO-VIBB-S	0,9588	-26,0163	-5,7429	0,0036	0,0001	0,0001
917	AASHTO-I	1,3747	-32,4579	-15,3689	0,0042	0,0004	0,0000
917	AASHTO-E	1,1809	-32,7744	-14,0726	0,0042	0,0001	0,0000
917	AASHTO-EI	1,4954	-35,8124	-14,8220	0,0047	0,0003	0,0000
917	AASHTO-VIBA	4,1997	-41,0678	-13,1180	0,0053	0,0004	0,0000
917	AASHTO-VIBB	1,2464	-50,9053	-14,4428	0,0065	0,0002	-0,0001
917	AASHTO-VIBC	4,1973	-42,2868	-9,6575	0,0055	0,0004	0,0000
917	AASHTO-VIBD	1,2506	-52,2334	-10,9547	0,0068	0,0001	-0,0001
917	AASHTO-I-E	0,5098	-17,9176	-11,3538	0,0023	0,0002	0,0000
917	AASHTO-EI-E	0,9058	-19,2343	-10,6815	0,0023	0,0001	0,0000
917	AASHTO-BI-S	1,0300	-19,7980	-11,1795	0,0026	0,0002	0,0000
917	AASHTO-VIBA-S	3,2177	-21,8521	-8,8954	0,0029	0,0003	0,0000
917	AASHTO-VIBB-S	0,9555	-26,0231	-10,9575	0,0036	0,0001	0,0000
918	AASHTO-I	1,3743	-32,4385	-15,1151	0,0042	0,0004	-0,0001
918	AASHTO-E	1,1802	-32,7640	-13,9867	0,0042	0,0001	0,0000
918	AASHTO-EI	1,4948	-35,7935	-14,8234	0,0047	0,0003	-0,0001
918	AASHTO-VIBA	4,1988	-41,0617	-12,8900	0,0053	0,0004	-0,0001
918	AASHTO-VIBB	1,2477	-50,9387	-14,3599	0,0065	0,0001	-0,0001
918	AASHTO-VIBC	4,1962	-42,2708	-9,4259	0,0055	0,0004	-0,0001
918	AASHTO-VIBD	1,2502	-52,2186	-10,9061	0,0068	0,0001	-0,0001
918	AASHTO-I-E	0,5082	-17,9097	-11,2521	0,0022	0,0002	0,0000
918	AASHTO-EI-E	0,9053	-19,2281	-10,6176	0,0023	0,0001	0,0000
918	AASHTO-BI-S	1,0296	-19,7762	-11,0493	0,0026	0,0002	0,0000
918	AASHTO-VIBA-S	3,2170	-21,8431	-8,7140	0,0029	0,0003	0,0000
918	AASHTO-VIBB-S	0,9550	-26,0184	-10,7898	0,0036	0,0001	0,0000
921	AASHTO-I	1,4220	-32,8186	-18,8514	0,0042	0,0003	0,0000
921	AASHTO-E	1,2184	-32,7827	-15,0427	0,0042	0,0001	0,0000
921	AASHTO-EI	1,5291	-35,7375	-17,5538	0,0047	0,0003	0,0000
921	AASHTO-VIBA	4,2378	-41,1368	-16,3287	0,0053	0,0003	0,0000
921	AASHTO-VIBB	1,2873	-50,9779	-15,4082	0,0065	0,0001	0,0001
921	AASHTO-VIBC	4,2295	-42,3599	-12,8998	0,0056	0,0003	0,0000
921	AASHTO-VIBD	1,2810	-52,2584	-11,9471	0,0068	0,0001	0,0001
921	AASHTO-I-E	0,5406	-17,9576	-12,6941	0,0022	0,0001	0,0000
921	AASHTO-EI-E	0,9342	-19,2440	-11,4270	0,0023	0,0001	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
921	AASHTO-I6-S	1.0623	-19.8338	-12.9654	0.0026	0.0002	0.0000
921	AASHTO-VBA-S	3.2465	-21.8817	-12.3652	0.0028	0.0002	0.0000
921	AASHTO-VBB-S	0.9849	-26.2080	-11.9364	0.0036	0.0001	0.0000
922	AASHTO-I	1.3794	-32.4795	-15.8188	0.0042	0.0004	0.0000
922	AASHTO-II	1.1818	-32.7544	-14.1580	0.0042	0.0002	0.0000
922	AASHTO-III	1.4863	-35.6303	-15.0185	0.0047	0.0004	0.0000
922	AASHTO-VBA	4.2012	-41.0831	-13.3448	0.0053	0.0004	0.0000
922	AASHTO-VBB	1.2486	-50.9710	-14.5295	0.0066	0.0002	0.0000
922	AASHTO-VBC	4.1965	-42.3019	-8.6605	0.0056	0.0004	0.0000
922	AASHTO-VBD	1.2517	-52.2490	-11.0548	0.0068	0.0001	0.0000
922	AASHTO-I-S	0.5092	-17.9253	-11.4584	0.0022	0.0002	0.0000
922	AASHTO-II-S	0.9065	-18.2403	-10.7467	0.0023	0.0001	0.0000
922	AASHTO-III-S	1.0307	-19.7952	-11.3067	0.0028	0.0002	0.0000
922	AASHTO-VBA-S	3.2198	-21.8608	-10.8710	0.0029	0.0003	0.0000
922	AASHTO-VBB-S	0.9563	-26.0388	-10.8231	0.0036	0.0001	0.0000
923	AASHTO-I	1.3714	-32.4950	-15.8734	0.0042	0.0004	0.0000
923	AASHTO-II	1.1836	-32.7544	-14.2461	0.0042	0.0002	0.0000
923	AASHTO-III	1.4982	-35.6479	-15.2188	0.0047	0.0004	0.0000
923	AASHTO-VBA	4.2035	-41.0883	-13.5743	0.0053	0.0004	0.0000
923	AASHTO-VBB	1.2514	-50.9861	-14.6171	0.0066	0.0002	0.0000
923	AASHTO-VBC	4.2004	-42.3159	-10.1333	0.0056	0.0004	0.0000
923	AASHTO-VBD	1.2533	-52.2643	-11.1469	0.0068	0.0001	0.0000
923	AASHTO-I-S	0.5105	-17.9329	-11.5620	0.0022	0.0002	0.0000
923	AASHTO-II-S	0.9079	-18.2482	-10.8141	0.0023	0.0001	0.0000
923	AASHTO-III-S	1.0321	-19.8043	-11.4406	0.0028	0.0002	0.0000
923	AASHTO-VBA-S	3.2206	-21.8693	-10.9469	0.0029	0.0003	0.0000
923	AASHTO-VBB-S	0.9579	-26.0485	-10.8906	0.0036	0.0001	0.0000
924	AASHTO-I	1.3805	-32.5124	-16.1247	0.0042	0.0004	0.0000
924	AASHTO-II	1.1865	-32.8032	-14.3300	0.0042	0.0001	0.0000
924	AASHTO-III	1.5012	-35.8642	-15.4154	0.0047	0.0003	0.0000
924	AASHTO-VBA	4.2067	-41.1121	-13.7980	0.0053	0.0004	0.0000
924	AASHTO-VBB	1.2542	-50.9896	-14.7012	0.0066	0.0001	0.0000
924	AASHTO-VBC	4.2030	-42.3305	-10.3212	0.0056	0.0004	0.0000
924	AASHTO-VBD	1.2555	-52.2779	-11.2255	0.0069	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
924	AASHTO-I-S	0.5127	-17.9399	-11.4601	0.0022	0.0002	0.0000
924	AASHTO-II-S	0.9100	-18.2515	-10.8784	0.0023	0.0001	0.0000
924	AASHTO-III-S	1.0344	-19.8128	-11.5718	0.0028	0.0002	0.0000
924	AASHTO-VBA-S	3.2230	-21.8769	-10.4188	0.0029	0.0003	0.0000
924	AASHTO-VBB-S	0.9598	-26.0569	-11.2549	0.0036	0.0001	0.0000
925	AASHTO-I	1.3845	-32.5278	-16.3699	0.0042	0.0004	0.0000
925	AASHTO-II	1.1899	-32.8101	-14.4049	0.0042	0.0001	0.0000
925	AASHTO-III	1.5050	-35.8784	-15.6028	0.0047	0.0003	0.0000
925	AASHTO-VBA	4.2103	-41.1236	-14.0117	0.0053	0.0004	0.0000
925	AASHTO-VBB	1.2577	-51.0102	-14.7760	0.0066	0.0001	0.0000
925	AASHTO-VBC	4.2058	-42.3417	-10.5312	0.0056	0.0004	0.0000
925	AASHTO-VBD	1.2582	-52.2985	-11.2965	0.0068	0.0001	0.0000
925	AASHTO-I-S	0.5154	-17.9457	-11.7910	0.0023	0.0002	0.0000
925	AASHTO-II-S	0.9126	-18.2595	-10.9359	0.0023	0.0001	0.0000
925	AASHTO-III-S	1.0372	-19.8195	-11.6992	0.0028	0.0002	0.0000
925	AASHTO-VBA-S	3.2259	-21.8831	-10.5828	0.0029	0.0003	0.0000
925	AASHTO-VBB-S	0.9626	-26.0636	-11.1123	0.0036	0.0001	0.0000
926	AASHTO-I	1.3887	-32.5410	-16.5967	0.0042	0.0004	0.0000
926	AASHTO-II	1.1933	-32.8146	-14.4694	0.0042	0.0001	0.0000
926	AASHTO-III	1.5088	-35.8901	-15.7786	0.0047	0.0003	0.0000
926	AASHTO-VBA	4.2136	-41.1323	-14.2150	0.0053	0.0004	0.0000
926	AASHTO-VBB	1.2613	-51.0178	-14.8396	0.0066	0.0001	0.0000
926	AASHTO-VBC	4.2096	-42.3502	-10.7330	0.0056	0.0003	0.0000
926	AASHTO-VBD	1.2609	-52.2990	-11.3592	0.0068	0.0001	0.0000
926	AASHTO-I-S	0.5183	-17.9501	-11.8482	0.0023	0.0001	0.0000
926	AASHTO-II-S	0.9152	-18.2582	-10.9856	0.0023	0.0001	0.0000
926	AASHTO-III-S	1.0401	-19.8249	-11.8118	0.0028	0.0002	0.0000
926	AASHTO-VBA-S	3.2284	-21.8877	-10.7391	0.0029	0.0003	0.0000
926	AASHTO-VBB-S	0.9652	-26.0681	-11.1615	0.0036	0.0001	0.0000
927	AASHTO-I	1.3924	-32.5521	-16.8170	0.0042	0.0004	0.0000
927	AASHTO-II	1.1962	-32.8171	-14.5296	0.0042	0.0001	0.0000
927	AASHTO-III	1.5123	-35.8995	-15.8452	0.0047	0.0003	0.0000
927	AASHTO-VBA	4.2166	-41.1395	-14.4102	0.0053	0.0003	0.0000
927	AASHTO-VBB	1.2643	-51.0318	-14.8952	0.0066	0.0001	0.0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
927	AASHTO-VBC	4,2108	-42,3583	-10,9288	0,0056	0,0003	0,0000
927	AASHTO-VBD	1,2833	-52,3004	-11,4102	0,0069	0,0001	0,0000
927	AASHTO-II	0,5208	-17,9534	-11,8302	0,0022	0,0001	0,0000
927	AASHTO-II-E	0,9114	-19,2596	-11,8290	0,0023	0,0001	0,0000
927	AASHTO-IB-E	1,0426	-19,8289	-11,8207	0,0026	0,0002	0,0000
927	AASHTO-VBA-E	3,2307	-21,8807	-10,8895	0,0029	0,0003	0,0000
927	AASHTO-VBB-E	0,9675	-26,0707	-11,2044	0,0036	0,0001	0,0000
928	AASHTO-I	1,5803	-32,5619	-17,0335	0,0042	0,0004	0,0000
928	AASHTO-II	1,1985	-32,9181	-14,5791	0,0042	0,0001	0,0000
928	AASHTO-IB	1,5149	-35,7074	-16,1086	0,0047	0,0003	0,0000
928	AASHTO-VBA	4,2190	-41,1430	-14,6035	0,0053	0,0003	0,0000
928	AASHTO-VBB	1,2666	-51,0240	-14,9475	0,0066	0,0001	0,0000
928	AASHTO-VBC	4,2125	-42,3606	-11,1233	0,0056	0,0003	0,0000
928	AASHTO-VBD	1,2691	-52,3027	-11,4889	0,0069	0,0001	0,0000
928	AASHTO-II-E	0,5229	-17,9558	-12,0087	0,0022	0,0001	0,0000
928	AASHTO-IB-E	0,9191	-19,2602	-11,8705	0,0023	0,0001	0,0000
928	AASHTO-IB-E	1,0445	-19,8320	-12,0272	0,0026	0,0002	0,0000
928	AASHTO-VBA-E	3,2323	-21,8826	-11,0365	0,0029	0,0003	0,0000
928	AASHTO-VBB-E	0,9693	-26,0718	-11,2451	0,0036	0,0001	0,0000
929	AASHTO-I	1,3975	-32,5718	-17,2544	0,0042	0,0004	0,0000
929	AASHTO-II	1,2002	-32,9190	-14,8385	0,0042	0,0001	0,0000
929	AASHTO-IB	1,5170	-35,7158	-16,2765	0,0047	0,0005	0,0000
929	AASHTO-VBA	4,2206	-41,1472	-14,8015	0,0053	0,0004	0,0000
929	AASHTO-VBB	1,2686	-51,0254	-15,0042	0,0066	0,0001	0,0000
929	AASHTO-VBC	4,2139	-42,3647	-11,3218	0,0056	0,0004	0,0000
929	AASHTO-VBD	1,2695	-52,3042	-11,5252	0,0069	0,0001	0,0000
929	AASHTO-II-E	0,5243	-17,9581	-12,0901	0,0022	0,0001	0,0000
929	AASHTO-IB-E	0,9204	-19,2606	-11,1146	0,0023	0,0001	0,0000
929	AASHTO-IB-E	1,0461	-19,8348	-12,1368	0,0026	0,0002	0,0000
929	AASHTO-VBA-E	3,2337	-21,8843	-11,1809	0,0029	0,0003	0,0000
929	AASHTO-VBB-E	0,9707	-26,0734	-11,2860	0,0036	0,0001	0,0000
930	AASHTO-I	1,3997	-32,5817	-17,4636	0,0042	0,0004	0,0000
930	AASHTO-II	1,2020	-32,9204	-14,7009	0,0042	0,0001	0,0000
930	AASHTO-IB	1,5190	-35,7230	-16,4516	0,0047	0,0003	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
930	AASHTO-VBA	4,2226	-41,1518	-15,0068	0,0053	0,0004	0,0000
930	AASHTO-VBB	1,2703	-51,0268	-15,0685	0,0066	0,0001	0,0000
930	AASHTO-VBC	4,2153	-42,3692	-11,5262	0,0056	0,0004	0,0000
930	AASHTO-VBD	1,2679	-52,3059	-11,5897	0,0069	0,0001	0,0000
930	AASHTO-II-E	0,5257	-17,9608	-12,1771	0,0022	0,0002	0,0000
930	AASHTO-IB-E	0,9217	-19,2614	-11,1939	0,0023	0,0001	0,0000
930	AASHTO-IB-E	1,0476	-19,8390	-12,2521	0,0026	0,0002	0,0000
930	AASHTO-VBA-E	3,2350	-21,8863	-11,3486	0,0029	0,0003	0,0000
930	AASHTO-VBB-E	0,9721	-26,0729	-11,3382	0,0036	0,0001	0,0000
931	AASHTO-I	1,4025	-32,5918	-17,7175	0,0042	0,0004	0,0000
931	AASHTO-II	1,2042	-32,9217	-14,7588	0,0042	0,0001	0,0000
931	AASHTO-IB	1,5217	-35,7307	-16,6316	0,0047	0,0003	0,0000
931	AASHTO-VBA	4,2249	-41,1562	-15,2152	0,0053	0,0004	0,0000
931	AASHTO-VBB	1,2727	-51,0276	-15,1386	0,0066	0,0001	0,0000
931	AASHTO-VBC	4,2171	-42,3734	-11,7329	0,0056	0,0004	0,0000
931	AASHTO-VBD	1,2698	-52,3067	-11,8583	0,0068	0,0001	0,0000
931	AASHTO-II-E	0,5277	-17,9633	-12,2572	0,0023	0,0002	0,0000
931	AASHTO-IB-E	0,9234	-19,2620	-11,2159	0,0023	0,0001	0,0000
931	AASHTO-IB-E	1,0496	-19,8409	-12,3704	0,0026	0,0002	0,0000
931	AASHTO-VBA-E	3,2368	-21,8880	-11,5084	0,0029	0,0003	0,0000
931	AASHTO-VBB-E	0,9739	-26,0729	-11,3900	0,0036	0,0001	0,0000
932	AASHTO-I	1,4063	-32,6004	-17,9476	0,0042	0,0004	0,0000
932	AASHTO-II	1,2072	-32,9215	-14,8333	0,0043	0,0001	0,0000
932	AASHTO-IB	1,5251	-35,7388	-16,8077	0,0047	0,0003	0,0000
932	AASHTO-VBA	4,2280	-41,1588	-15,4182	0,0053	0,0003	0,0000
932	AASHTO-VBB	1,2757	-51,0281	-15,2010	0,0066	0,0001	0,0000
932	AASHTO-VBC	4,2194	-42,3759	-11,9359	0,0056	0,0003	0,0000
932	AASHTO-VBD	1,2721	-52,3054	-11,7200	0,0068	0,0001	0,0000
932	AASHTO-II-E	0,5302	-17,9651	-12,3547	0,0023	0,0001	0,0000
932	AASHTO-IB-E	0,9257	-19,2618	-11,2952	0,0023	0,0001	0,0000
932	AASHTO-IB-E	1,0521	-19,8428	-12,4880	0,0026	0,0002	0,0000
932	AASHTO-VBA-E	3,2391	-21,8867	-11,6649	0,0029	0,0003	0,0000
932	AASHTO-VBB-E	0,9762	-26,0715	-11,4362	0,0036	0,0001	0,0000
933	AASHTO-I	1,4106	-32,6071	-18,1673	0,0042	0,0004	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
933	AASHTO-E	1,2106	-32,8132	-14,8990	0,0043	0,0001	0,0000
933	AASHTO-EI	1,5291	-35,7409	-16,9738	0,0047	0,0003	0,0000
933	AASHTO-VIIA	4,2315	-41,1598	-15,6158	0,0053	0,0005	0,0000
933	AASHTO-VIIB	1,2782	-51,0215	-15,2584	0,0066	0,0001	0,0000
933	AASHTO-VIIC	4,2220	-42,3760	-12,1314	0,0056	0,0003	0,0000
933	AASHTO-VIID	1,2748	-52,3010	-11,7785	0,0069	0,0001	0,0000
933	AASHTO-I-E	0,5331	-17,9656	-12,4351	0,0023	0,0001	0,0000
933	AASHTO-II-E	0,8283	-19,2804	-11,3080	0,0023	0,0001	0,0000
933	AASHTO-III-E	1,0550	-19,8404	-12,5842	0,0026	0,0002	0,0000
933	AASHTO-VIIA-S	3,2416	-21,8978	-11,8144	0,0029	0,0005	0,0000
933	AASHTO-VIIB-S	0,9766	-26,0680	-11,4817	0,0036	0,0001	0,0000
934	AASHTO-I	1,4148	-32,8114	-16,3735	0,0042	0,0003	0,0000
934	AASHTO-II	1,2139	-32,8147	-14,9343	0,0042	0,0001	0,0000
934	AASHTO-III	1,5329	-35,7423	-17,1276	0,0047	0,0003	0,0000
934	AASHTO-VIIA	4,2343	-41,1564	-15,7977	0,0053	0,0003	0,0000
934	AASHTO-VIIB	1,2825	-51,0136	-15,3009	0,0066	0,0001	0,0000
934	AASHTO-VIIC	4,2242	-42,3733	-12,3187	0,0056	0,0003	0,0000
934	AASHTO-VIID	1,2773	-52,2934	-11,8245	0,0069	0,0001	0,0000
934	AASHTO-I-E	0,5360	-17,9648	-12,5084	0,0023	0,0001	0,0000
934	AASHTO-II-E	0,8307	-19,2576	-11,3429	0,0023	0,0001	0,0000
934	AASHTO-III-E	1,0578	-19,8424	-12,6934	0,0026	0,0002	0,0000
934	AASHTO-VIIA-S	3,2439	-21,8953	-11,9559	0,0029	0,0002	0,0000
934	AASHTO-VIIB-S	0,9813	-26,0625	-11,5191	0,0036	0,0001	0,0000
935	AASHTO-I	1,4183	-32,8139	-16,5881	0,0042	0,0003	0,0000
935	AASHTO-II	1,2162	-32,8081	-14,8710	0,0042	0,0001	0,0000
935	AASHTO-III	1,5360	-35,7416	-17,2710	0,0047	0,0002	0,0000
935	AASHTO-VIIA	4,2364	-41,1514	-15,9736	0,0053	0,0003	0,0000
935	AASHTO-VIIB	1,2850	-51,0030	-15,3366	0,0066	0,0001	0,0000
935	AASHTO-VIIC	4,2257	-42,3683	-12,4099	0,0056	0,0003	0,0000
935	AASHTO-VIID	1,2792	-52,2830	-11,8857	0,0069	0,0001	0,0000
935	AASHTO-I-S	0,5383	-17,9629	-12,5702	0,0022	0,0001	0,0000
935	AASHTO-II-S	0,8326	-19,2535	-11,3713	0,0023	0,0000	0,0000
935	AASHTO-III-S	1,0601	-19,8402	-12,7850	0,0026	0,0002	0,0000
935	AASHTO-VIIA-S	3,2455	-21,8913	-12,0914	0,0029	0,0002	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
935	AASHTO-VIIB-S	0,9832	-26,0502	-11,5439	0,0036	0,0000	0,0000
936	AASHTO-I	1,4207	-32,8152	-16,7577	0,0042	0,0003	0,0000
936	AASHTO-II	1,2177	-32,8005	-15,0547	0,0042	0,0001	0,0000
936	AASHTO-III	1,5392	-35,7397	-17,4103	0,0047	0,0002	0,0000
936	AASHTO-VIIA	4,2375	-41,1452	-16,1479	0,0053	0,0003	0,0000
936	AASHTO-VIIB	1,2866	-50,9907	-15,3691	0,0066	0,0001	0,0000
936	AASHTO-VIIC	4,2264	-42,3620	-12,5604	0,0056	0,0003	0,0000
936	AASHTO-VIID	1,2804	-52,2709	-11,9045	0,0068	0,0001	0,0000
936	AASHTO-I-S	0,5398	-17,9602	-12,6307	0,0022	0,0001	0,0000
936	AASHTO-II-S	0,8337	-19,2487	-11,3976	0,0023	0,0000	0,0000
936	AASHTO-III-S	1,0618	-19,8371	-12,8736	0,0026	0,0002	0,0000
936	AASHTO-VIIA-S	3,2483	-21,8865	-12,3258	0,0029	0,0002	0,0000
936	AASHTO-VIIB-S	0,9843	-26,0468	-11,5895	0,0036	0,0000	0,0000
953	AASHTO-I	1,4243	-32,8158	-16,3920	0,0042	0,0004	0,0001
953	AASHTO-II	1,2195	-32,7727	-15,1484	0,0042	0,0001	0,0001
953	AASHTO-III	1,5409	-35,7282	-17,8896	0,0047	0,0003	0,0001
953	AASHTO-VIIA	4,2384	-41,1206	-16,7417	0,0053	0,0004	0,0001
953	AASHTO-VIIB	1,2885	-50,9443	-15,5109	0,0065	0,0001	0,0001
953	AASHTO-VIIC	4,2269	-42,3371	-13,2805	0,0055	0,0004	0,0001
953	AASHTO-VIID	1,2819	-52,2259	-12,0580	0,0068	0,0001	0,0001
953	AASHTO-I-S	0,5419	-17,9538	-12,8485	0,0022	0,0001	0,0000
953	AASHTO-II-S	0,8350	-19,2317	-11,5084	0,0023	0,0001	0,0000
953	AASHTO-III-S	1,0636	-19,8241	-13,1309	0,0026	0,0002	0,0001
953	AASHTO-VIIA-S	3,2499	-21,8696	-12,6829	0,0029	0,0003	0,0001
953	AASHTO-VIIB-S	0,9857	-26,0153	-11,6790	0,0036	0,0001	0,0001
954	AASHTO-I	1,4230	-32,8182	-16,1981	0,0042	0,0004	0,0000
954	AASHTO-II	1,2188	-32,7648	-15,0818	0,0042	0,0001	0,0000
954	AASHTO-III	1,5398	-35,7352	-17,7152	0,0047	0,0003	0,0000
954	AASHTO-VIIA	4,2378	-41,1321	-16,5305	0,0053	0,0003	0,0000
954	AASHTO-VIIB	1,2877	-50,9642	-15,4546	0,0065	0,0001	0,0001
954	AASHTO-VIIC	4,2265	-42,3488	-13,0723	0,0055	0,0003	0,0000
954	AASHTO-VIID	1,2813	-52,2449	-11,8996	0,0068	0,0001	0,0001
954	AASHTO-I-S	0,5412	-17,9549	-12,7677	0,0022	0,0001	0,0000
954	AASHTO-II-S	0,8346	-19,2391	-11,4647	0,0023	0,0001	0,0000

RESULT : Joint Displacements

Joint	Result Case	Translation X (mm)	Translation Y (mm)	Translation Z (mm)	Rotation X (rad)	Rotation Y (rad)	Rotation Z (rad)
954	AASHTO-IB-S	1.0628	-19.8304	-13.0695	0.0028	0.0002	0.0000
954	AASHTO-VBA-S	3.2465	-21.8798	-12.5284	0.0029	0.0005	0.0000
954	AASHTO-VBS-S	0.9852	-26.0286	-11.9356	0.0036	0.0001	0.0000

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m) Result Cases

AASHTO-I	AASHTO-IB	AASHTO-IB
AASHTO-VBA	AASHTO-VBB	AASHTO-VBC
AASHTO-VBD	AASHTO-I-S	AASHTO-IB-S
AASHTO-IB-S	AASHTO-VBA-S	AASHTO-VBB-S

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
1	AASHTO-VBB	-2.0391	-1.3836	3.7798	-6.8453	-5.4878	7.6662	6.5343	3.2583
1	AASHTO-I-S	-1.0290	-0.7382	1.8889	-3.6080	-3.5263	4.3819	3.9031	3.1471
2	AASHTO-VBB-S	2.5477	-3.8673	0.2641	1.0262	-14.2030	6.4853	4.1537	-9.6368
2	AASHTO-VBB	4.0385	-6.8719	0.0401	2.9485	-21.0193	10.0040	3.9409	-16.3582
3	AASHTO-VBB	-8.5869	3.1328	-0.7696	-23.9924	-2.7784	8.3702	-16.8957	17.1388
3	AASHTO-IB-S	-4.7127	1.6467	-0.4457	-12.1211	-1.5957	4.9682	-12.7750	10.4770
4	AASHTO-VBS-S	12.4090	3.9625	6.0517	-1.3933	-21.1278	19.9230	34.7480	61.7913
4	AASHTO-VBC	16.9880	2.4502	9.4065	5.2735	-26.7756	24.0396	31.3830	71.2292
5	AASHTO-VBD	-1.1378	0.6415	-4.5290	-7.8467	-5.2383	0.6975	-43.0176	22.3860
5	AASHTO-IB-S	0.6444	0.5757	-2.7409	-1.4617	-2.8089	-0.2978	-30.5414	14.2453
6	AASHTO-VBB	-43.7185	6.3361	7.6908	-68.1818	-39.3085	25.3468	-197.4218	115.0087
6	AASHTO-IB-S	-21.2419	3.8151	2.9581	-32.3895	-21.3636	10.0508	-115.9466	67.4840
7	AASHTO-VBC	-5.0315	1.2330	-1.9576	13.4906	-5.3076	5.4816	-72.4747	15.8614
7	AASHTO-I	-0.7465	1.2851	-4.1944	24.8149	-5.8640	0.1928	-62.9267	17.3024
8	AASHTO-VBC	-30.1622	11.8958	-4.7406	7.8622	-7.0476	9.2944	-105.3729	14.1908
8	AASHTO-IB	-25.2719	10.0856	-8.6163	19.7694	-11.8531	5.6867	-117.0091	15.3644
9	AASHTO-VBA-S	1.9532	3.8714	-5.9046	59.8799	2.6899	0.5749	-95.1075	5.8124
9	AASHTO-VBB	7.6587	6.0577	-11.7625	84.2013	4.3905	0.7465	-109.3088	6.0364
10	AASHTO-VBA-S	-15.4774	3.9691	-5.8691	40.9702	1.9431	2.2753	-66.8411	3.6909

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
10	AASHTO-VBB	-27.5910	4.9009	-11.7329	87.3104	2.2833	5.1229	-117.7019	5.6211
11	AASHTO-VBD	2.4070	-0.4000	-4.2864	-15.8220	-3.8422	1.0297	-31.8111	2.4233
11	AASHTO-I-S	5.8182	1.2480	1.5120	13.0205	-2.1508	-0.2109	6.4851	1.9930
12	AASHTO-VBD	22.6362	0.9000	-3.5104	-19.4088	-6.0250	4.4327	-42.5014	3.4917
12	AASHTO-I-S	12.1782	1.8088	2.5727	12.1482	-4.1471	0.1772	0.1172	2.3960
13	AASHTO-VBC	6.3797	-0.0972	-0.9960	-1.5796	2.1467	1.4378	-20.0324	-2.8562
13	AASHTO-I	10.0472	0.2773	1.9649	9.8931	0.2853	3.3152	1.7120	1.6889
14	AASHTO-VBD	28.1955	-6.2857	-3.8940	3.4190	0.5735	5.0159	-43.3155	-4.0768
14	AASHTO-I	23.0474	-2.8146	2.4200	16.2151	-6.6405	3.9503	-4.8680	-1.4837
15	AASHTO-VBS-S	2.0013	0.1984	-1.4433	-1.3926	0.3531	0.1847	0.8442	2.7124
15	AASHTO-VBD	3.1789	0.1575	-2.5305	1.6343	1.8476	0.4095	-10.9502	-0.5598
16	AASHTO-IB-S	16.7545	-0.3186	5.7178	9.6120	-4.9136	6.3090	15.6643	22.0574
16	AASHTO-VBD	39.9775	-3.2189	8.0829	31.4829	5.8086	14.8996	-50.5289	-12.7901
17	AASHTO-IB-S	4.5747	-0.8096	0.2212	-0.2891	-1.0687	-1.8469	4.7127	6.0523
17	AASHTO-VBD	9.0360	-2.3197	-0.0088	7.7608	-0.4336	1.2569	-2.7455	1.1283
18	AASHTO-I	-11.7250	-2.0961	10.0224	-24.7243	-10.2461	9.0592	-44.2535	28.4001
18	AASHTO-VBS-S	-9.6420	-2.3921	6.8268	-15.5709	-4.7352	5.8604	-29.2681	18.2368
19	AASHTO-IB-S	0.8974	0.8764	1.5709	-0.7687	-2.0149	-0.4151	-1.8809	5.3940
19	AASHTO-VBD	1.8206	1.3321	3.3959	1.5562	0.2579	2.3095	-0.4196	3.7308
20	AASHTO-VBA	-3.0235	7.4148	1.1462	-4.1194	1.8473	0.1531	-11.7965	2.7035
20	AASHTO-IB-S	-1.4889	3.3493	0.5777	-2.2822	-4.6805	-1.3456	-8.8224	1.8502
21	AASHTO-IB-S	1.8325	0.3286	-4.3185	1.8796	-12.0897	-2.4830	3.1305	-8.3668
21	AASHTO-VBA	3.4180	-8.1684	-7.2858	4.1268	-13.8358	-3.9659	9.5797	-7.7170
22	AASHTO-I	-1.0647	13.5757	-8.5617	-3.0010	0.8879	-5.4488	6.1823	-24.4268
22	AASHTO-VBA-S	-0.6887	11.2176	-6.2675	-1.2518	5.3675	-3.7985	2.4323	-14.8075
23	AASHTO-VBB	-2.7774	31.8879	-5.3125	-1.5858	19.5574	-0.0315	-2.1747	-20.5312
23	AASHTO-IB-S	-1.3679	16.0578	-2.6914	-0.5583	12.0304	-0.1473	-1.7362	-15.7222
24	AASHTO-I-S	-0.3481	17.5470	-1.2022	5.0298	15.5289	0.7277	-1.7761	-4.7354
24	AASHTO-IB	-0.6076	30.5884	-2.0997	5.0835	24.1020	1.2752	-5.3569	-8.4440
25	AASHTO-VBC	-0.5821	33.4995	-0.3546	0.4817	19.3029	1.4061	-2.0643	5.5944
25	AASHTO-IB	-0.5539	33.1740	-0.7580	0.9745	24.0957	1.7672	-3.3415	1.2884
26	AASHTO-VBA	-2.1209	34.3714	1.4718	-1.5451	14.4964	3.3676	-0.9398	12.2568
26	AASHTO-VBS-S	-1.5771	27.9788	0.7457	-0.8331	12.6402	2.8196	-1.9650	8.5874
27	AASHTO-VBA	-1.1464	28.6432	0.1874	-0.3637	-0.4549	8.3123	7.5001	10.8378

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
27	AASHTO-II-S	-0.5052	16.9150	3.2079	-1.7835	0.9970	5.8001	9.8235	11.9371
28	AASHTO-VIII-A-S	1.7798	13.9228	2.4758	1.8011	-12.2128	4.2346	9.4410	-2.5707
28	AASHTO-VIII	3.4763	25.9028	4.1903	4.3414	-16.8616	7.8103	2.4604	-4.8121
29	AASHTO-III-S	1.7529	13.8803	-1.9629	1.8522	-12.8418	-4.8215	9.5070	0.3761
29	AASHTO-VIII	3.5910	25.8026	-4.0039	4.8261	-16.7890	-7.7649	1.8175	3.5095
30	AASHTO-I	-0.9263	27.0954	-5.4913	-5.0035	1.3705	-8.9625	9.5676	-16.5028
30	AASHTO-VIII-A-S	-0.5834	16.8057	-3.9652	-1.3015	5.2372	-6.5460	2.7681	-10.1981
31	AASHTO-VIII	-2.6845	41.6779	-1.3067	-1.4182	19.5837	-4.7021	-2.3056	-6.1012
31	AASHTO-VIII-S	-1.6753	27.9108	-0.6957	-0.4971	13.8613	-2.8890	-2.3157	-7.0579
32	AASHTO-II-S	-0.3226	16.7679	0.1518	0.5467	15.4407	-1.3221	-1.8445	-0.0567
32	AASHTO-III	-0.5860	33.0864	0.8504	1.2064	26.3159	-2.5868	-3.9298	-0.2950
33	AASHTO-II-S	-0.3376	17.0530	1.3158	0.5439	15.2680	-0.9622	-1.9113	6.7859
33	AASHTO-I	-0.5705	28.3407	2.0679	1.2952	27.8518	-2.0770	-4.2444	10.8483
34	AASHTO-VIII	-2.6455	30.7251	0.3951	-1.4646	17.8047	-0.1774	-2.0421	23.5704
34	AASHTO-III-S	-1.3243	15.7038	2.7958	-0.5346	13.2026	-0.3134	-2.3057	16.4218
35	AASHTO-VIII-A	-1.3079	13.7934	9.5213	-3.8719	-2.9116	5.4936	7.8808	28.2528
35	AASHTO-II-S	-0.6326	8.3600	5.2128	-1.8768	1.8307	3.5746	3.7500	19.2590
36	AASHTO-VIII-A-S	1.9323	-0.9026	4.7219	1.5067	-16.0796	2.8625	4.2300	5.1721
36	AASHTO-VIII	3.8330	-0.1128	8.8600	3.8401	-21.9791	4.4788	3.5063	8.2362
37	AASHTO-III-S	0.0062	6.8297	-16.4810	0.4891	-19.9905	-10.5418	52.9984	-72.7917
37	AASHTO-VIII-C	16.1650	14.3427	-29.4859	9.5272	-6.7867	-25.5290	28.4465	-76.4025
38	AASHTO-VIII	-13.8258	18.5717	-16.8504	-14.8033	8.8396	-1.1584	-11.7286	-46.1482
38	AASHTO-III-S	-6.8209	9.5748	-8.5548	-7.2629	4.1085	-0.9038	-7.7189	-30.2744
39	AASHTO-VIII-C	-5.8303	17.8159	-9.9314	0.1885	16.2255	1.4964	-9.3972	-15.4725
39	AASHTO-VIII-A-S	-3.9642	14.4980	-7.8601	1.6263	14.6759	2.5110	-10.1352	-16.6374
40	AASHTO-II-S	-2.0801	11.1783	-5.1964	2.9314	15.6818	1.5735	-7.8247	-5.6901
40	AASHTO-III	-3.6223	20.2231	-5.6309	5.4891	24.4283	2.7476	-13.6415	-7.5769
41	AASHTO-II-S	-1.9726	13.0348	-1.1312	2.7722	15.1576	1.5761	-7.3665	4.0676
41	AASHTO-III	-3.4389	22.1719	-2.0527	5.4392	24.3976	2.8272	-13.5325	6.4831
42	AASHTO-VIII-A	-4.5523	22.7877	2.9048	-6.4573	15.4574	3.4871	-10.0274	23.7735
42	AASHTO-VIII-S	-3.4176	16.1870	1.0153	1.5525	13.5503	2.8516	-9.8302	16.4083
43	AASHTO-VIII	-12.8820	29.5335	6.1200	-14.2144	6.4320	9.5044	-10.2762	44.8714
43	AASHTO-VIII-S	-8.0361	20.1991	3.6447	-7.8032	4.1513	5.1311	-7.9603	31.2128
44	AASHTO-III-S	0.9447	15.5925	10.3903	-0.2983	-19.5300	15.1785	38.7585	71.4096

LARSA 4D

Administrador
CONSTRUCTORA MOYEDA SA DE CV
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RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
44	AASHTO-VIII	18.3360	25.5300	21.0973	9.5179	-26.9617	25.8044	43.4432	98.8752
45	AASHTO-II-S	9.8500	16.5953	-10.7236	-0.3096	-19.7190	-15.1016	98.8250	-73.5613
45	AASHTO-VIII	18.3799	28.0810	-21.8437	9.2256	-21.0917	-28.9895	42.1945	-84.6801
46	AASHTO-VIII	-13.2987	30.6016	-5.6833	-14.0830	9.1140	-9.2065	-11.8457	-42.5972
46	AASHTO-III-S	-6.8083	16.8313	-2.7582	-7.4699	4.5444	-5.3110	-7.8313	-30.3379
47	AASHTO-II	-4.3096	20.4522	-1.4618	0.2841	16.9462	-3.8881	-10.1788	-19.2734
47	AASHTO-III	-4.5223	23.3403	-1.4200	1.9154	19.7323	-4.8163	-13.6605	-23.5771
48	AASHTO-II-S	-2.0958	12.8314	1.5477	3.0189	15.6027	-1.5995	-7.7945	-3.9691
48	AASHTO-I	-3.3159	21.2457	2.1293	6.5440	27.2674	-3.9271	-15.4670	-6.8170
49	AASHTO-II-S	-2.0286	11.4429	3.9857	3.0801	15.4961	-1.9907	-8.1648	5.0405
49	AASHTO-I	-3.4359	19.2844	5.9575	6.8567	28.2839	-4.1549	-16.4310	6.7111
50	AASHTO-VIII-C	-4.8869	13.3761	10.5694	-0.0671	13.9036	-2.8107	-11.3929	24.5459
50	AASHTO-I	-4.6309	16.3377	8.3472	2.4763	22.3481	-3.2895	-16.6556	24.5133
51	AASHTO-VIII	-13.3520	16.5761	16.5458	-15.1989	4.8459	0.8750	-11.2871	50.9668
51	AASHTO-III-S	-6.8713	9.2162	8.7449	-7.5355	4.8031	0.3322	-10.2676	33.5045
52	AASHTO-VIII-A	11.4022	6.5705	20.2597	-0.6772	-25.0677	9.8369	38.5588	84.1096
52	AASHTO-VIII	18.1467	8.9639	31.3685	6.3486	-32.0618	19.4900	42.7028	109.2156
53	AASHTO-VIII	-48.8945	11.8566	-36.3685	-46.1338	-30.5345	-9.7218	-197.3643	-136.5828
53	AASHTO-III-S	-23.8772	6.5475	-18.8874	-32.1969	-23.9291	-5.0550	-114.7305	-84.5459
54	AASHTO-VIII-C	-10.4184	11.5968	-13.2205	2.3031	9.5695	5.7038	-25.3977	-38.3026
54	AASHTO-III	-9.0659	10.3589	-15.3139	5.0731	4.8172	10.0950	-36.1711	-51.7463
55	AASHTO-II-S	-5.8599	6.3007	-6.7962	6.4293	13.0118	3.8177	-16.5852	-12.8473
55	AASHTO-III	-10.1735	13.0759	-11.8799	11.7270	19.4151	8.8050	-28.5126	-22.6927
56	AASHTO-II-S	-4.2203	9.3490	-4.2980	9.5489	15.8722	2.3234	-13.8661	-2.8665
56	AASHTO-VIII	-8.5876	16.8033	-8.2650	17.5856	26.9367	5.8292	-26.3167	-6.4533
57	AASHTO-II-S	-4.0588	10.0419	-1.7200	9.9817	15.3539	0.7743	-13.4640	5.3795
57	AASHTO-VIII	-8.6847	18.3382	-3.9238	17.4734	26.5946	2.7223	-25.9238	8.1933
58	AASHTO-II-S	-5.4123	10.3075	5.7845	5.3761	11.4915	-0.6368	-15.4108	15.1368
58	AASHTO-III	-9.3718	17.0891	9.9945	11.2921	19.4225	-1.0881	-27.5109	22.5529
59	AASHTO-II-S	-4.5045	9.8396	2.7019	1.0496	1.9709	-2.8547	-19.4823	32.8486
59	AASHTO-VIII-S	-6.1946	13.1815	5.1804	4.1765	3.5151	-3.1950	-25.2329	37.0494
60	AASHTO-VIII	-48.7940	18.1968	23.7935	-64.4976	-26.9514	19.0114	-197.7784	136.8704
60	AASHTO-III-S	-24.2251	12.1047	11.5225	-32.8630	-22.4811	9.5324	-119.6846	83.7523
61	AASHTO-VIII	-48.6927	21.8648	-20.7680	-63.6858	-33.6239	-15.8364	-196.5826	-132.3297

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RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
61	AASHTO-B-S	-24.2089	13.1567	-10.4450	-92.8064	-23.7482	-7.8854	-120.1810	-86.4146
62	AASHTO-B-S	-4.7565	10.7024	-1.6178	1.3326	3.8531	2.8096	-18.6467	-31.1312
62	AASHTO-IB	-8.0704	17.3440	-3.5296	5.1542	5.4005	4.1308	-35.0367	-53.6575
63	AASHTO-B-S	-5.5053	10.5802	0.0642	5.9059	12.4460	0.3139	-15.5978	-14.3685
63	AASHTO-IB	-9.3030	17.4297	-0.4967	12.9115	20.7445	0.1009	-29.1955	-25.2299
64	AASHTO-B-S	-4.0990	9.8590	2.5074	9.5401	15.8265	-1.1831	-14.0713	-4.7507
64	AASHTO-I	-6.7985	16.4833	3.3344	19.3518	27.7068	-2.4755	-27.2521	-10.3086
65	AASHTO-B-S	-4.1414	8.7668	5.0439	9.8830	15.7962	-2.7539	-14.8890	3.8091
65	AASHTO-I	-6.9699	15.1073	7.5782	20.3691	28.8134	-5.4210	-28.8758	4.2598
66	AASHTO-B-S	-5.8834	7.3033	7.3781	6.8142	12.1549	-4.1965	-18.1242	14.8022
66	AASHTO-I	-9.8544	13.1289	11.7919	15.5868	23.8062	-8.2571	-34.7514	22.5359
67	AASHTO-B-S	-4.8754	5.2169	8.5969	2.7916	2.1088	-6.3016	-23.9186	34.2254
67	AASHTO-I	-8.4479	10.2100	15.0867	8.3969	8.8048	-12.8888	-45.7433	54.7880
68	AASHTO-VBS	-48.5304	8.0822	30.0753	-67.8205	-44.4717	12.9670	-206.4830	147.2892
68	AASHTO-B-S	-24.0633	5.3999	20.1724	-32.6206	-25.2973	3.0804	-132.2983	93.4754
69	AASHTO-VBC	-32.8683	11.4804	-16.0679	9.8801	-4.7346	8.4196	-96.8118	-23.8043
69	AASHTO-IB	-29.8394	11.3253	-19.0009	19.8982	-8.8423	8.4817	-114.0102	-25.3907
70	AASHTO-B-S	-10.7181	5.1486	-11.4795	16.0182	3.1281	5.9023	-44.0472	-21.7813
70	AASHTO-VBS	-22.8885	7.4502	-23.8888	27.2653	4.4582	13.1405	-80.4881	-41.2247
71	AASHTO-B-S	-7.3520	7.3443	-7.8578	15.1688	12.4980	5.3494	-24.0432	-8.5914
71	AASHTO-VBS	-15.4714	10.9615	-16.3290	36.2268	20.8214	12.4270	-46.1549	-17.1535
72	AASHTO-B-S	-8.8478	8.8003	-5.1533	19.1771	15.3415	2.5467	-19.2391	-1.1471
72	AASHTO-VBS	-14.3068	13.3350	-10.8381	36.9266	25.7029	6.8523	-35.2345	-3.5641
73	AASHTO-B-S	-6.7106	9.2859	-1.9587	19.5480	14.8328	-0.0045	-17.7710	4.4752
73	AASHTO-VBS	-14.0467	14.2048	-4.3350	36.2460	25.1282	1.5023	-34.6857	6.8173
74	AASHTO-B-S	-6.5569	8.7212	1.0083	17.3205	11.0087	-2.8891	-22.6234	11.7399
74	AASHTO-VBS	-14.6454	13.4782	1.3864	34.2267	19.1578	-5.9647	-43.3921	19.8236
75	AASHTO-B-S	-10.3854	7.4492	4.7691	12.8851	0.9043	-2.8128	-41.8227	24.1429
75	AASHTO-IB	-17.7845	11.8727	7.4475	25.8122	3.1366	-5.2707	-70.1084	37.3445
76	AASHTO-B-S	-16.8196	10.8369	3.9828	6.7015	-6.8910	-1.5795	-65.9422	14.2296
76	AASHTO-IB	-28.6945	17.6467	6.1069	19.5327	-10.0400	-3.1391	-109.8235	22.2142
77	AASHTO-B-S	-16.4760	10.7117	-2.8178	9.0789	-6.5852	1.7863	-65.3185	-15.0234
77	AASHTO-IB	-28.6086	17.5722	-5.3520	19.8781	-9.6977	2.7807	-110.7185	-24.7030
78	AASHTO-B-S	-10.1700	7.6573	-3.2959	13.6869	1.9832	3.1004	-40.7707	-24.0249

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
78	AASHTO-IB	-17.6857	12.1914	-6.6034	27.2561	3.5508	4.7444	-71.8061	-40.5271
79	AASHTO-B-S	-8.9262	8.8803	0.2273	16.0237	11.8347	2.5206	-22.5562	-11.5104
79	AASHTO-I	-11.5201	14.5991	-0.9005	35.1954	20.1415	4.0727	-42.7965	-21.8969
80	AASHTO-B-S	-6.8626	9.0539	2.9947	19.4980	15.2963	-0.2774	-18.4645	-4.2541
80	AASHTO-I	-11.1157	15.3232	3.7428	38.3152	26.9985	-0.6754	-35.5915	-9.8399
81	AASHTO-B-S	-6.7995	8.1873	6.2583	20.3199	15.3674	-2.6751	-18.9551	1.8071
81	AASHTO-I	-11.3468	14.4018	9.1792	40.4040	28.1349	-5.3868	-37.7478	0.3546
82	AASHTO-B-S	-7.2273	8.3597	9.0718	20.4853	11.8803	-5.6486	-26.4018	8.6060
82	AASHTO-I	-12.2018	11.8486	13.8621	41.3481	23.3144	-10.5780	-46.4066	13.0199
83	AASHTO-B-S	-10.7544	3.9423	12.8064	17.1369	1.5853	-5.8396	-46.1677	25.4356
83	AASHTO-I	-18.2387	8.1593	20.0244	37.2566	6.6706	-12.0910	-86.6518	37.5835
84	AASHTO-B-S	-16.5438	6.5489	11.9602	13.5713	-6.8099	-4.8397	-76.0515	15.5424
84	AASHTO-I	-26.3943	12.1374	18.9431	32.0057	-9.3223	-10.3477	-136.0456	25.8602
85	AASHTO-VBA-S	-16.1415	5.1740	-10.2236	39.2366	3.9241	5.1640	-80.1185	-1.4193
85	AASHTO-VBS	-29.4263	5.0509	-19.8015	66.5531	4.4756	11.2204	-159.8437	-3.9129
86	AASHTO-B-S	-11.7826	5.4522	-12.0914	35.3823	7.3546	4.8239	-44.5206	-3.8240
86	AASHTO-VBS	-25.1081	6.8872	-23.6268	62.7255	13.8107	13.2776	-82.5746	-9.0958
87	AASHTO-B-S	-10.0228	7.8961	-10.0500	31.7891	12.2089	5.6825	-26.3403	-1.8228
87	AASHTO-VBS	-20.7910	9.5828	-19.7508	59.2914	20.0625	11.0496	-53.9734	-5.0132
88	AASHTO-B-S	-9.5089	8.3686	-5.9657	29.4067	14.7503	1.9903	-19.8181	1.0624
88	AASHTO-VBS	-19.4621	13.0213	-12.0840	57.0391	24.0751	6.5516	-39.0138	0.5194
89	AASHTO-B-S	-8.4359	10.2644	-1.8432	25.5260	14.2431	-0.2770	-19.3212	2.8728
89	AASHTO-VBS	-18.2797	13.4628	-4.1194	56.3940	23.4721	1.0516	-38.5850	4.1671
90	AASHTO-B-S	-9.7427	8.6512	2.5036	29.0751	10.7800	-2.0461	-28.8882	5.8114
90	AASHTO-VBS	-20.3005	11.0144	3.9151	57.2905	18.3603	-3.3529	-61.8066	8.6139
91	AASHTO-B-S	-11.3906	7.3259	4.5275	30.7749	5.3437	-2.8867	-40.8932	7.2932
91	AASHTO-VBS	-24.2745	9.6252	8.0188	59.3768	10.3409	-5.4447	-77.5343	12.8211
92	AASHTO-B-S	-13.3684	6.4437	2.8215	32.8063	0.3636	-1.4715	-52.7677	3.0680
92	AASHTO-VBS	-28.8241	8.5332	4.8259	62.2058	2.6574	-2.8456	-98.3579	5.0998
93	AASHTO-B-S	-13.2782	6.5568	-1.3230	32.9959	0.8288	1.8739	-52.4944	-4.0378
93	AASHTO-VBS	-28.5970	8.9838	-2.8086	62.2515	3.0662	3.1345	-98.9483	-6.9794
94	AASHTO-B-S	-11.2262	7.4350	-3.1050	31.3088	5.8801	3.0404	-40.4015	-7.8809
94	AASHTO-VBS	-24.0415	9.7852	-8.0943	60.0809	11.0829	5.6824	-76.8384	-13.5817
95	AASHTO-B-S	-9.6168	8.7467	-1.0467	29.9583	11.4251	2.1289	-26.6946	-6.1786

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
95	AASHTO-VIII	-20.1193	11.1464	-1.7595	16.4154	19.2162	3.4746	-31.7268	-10.0005
96	AASHTO-II-S	-8.3646	10.0536	3.0745	29.8525	14.7570	0.2528	-20.0799	-3.2746
96	AASHTO-VIII	-19.1721	15.1723	6.1316	56.0516	24.0000	-1.5796	-56.3546	-4.4725
97	AASHTO-II-S	-9.4859	9.3375	7.3828	51.2389	14.6708	-2.0511	-21.4777	-1.2189
97	AASHTO-I	-15.8419	16.5290	10.5934	81.2401	27.3782	-3.8053	-41.3394	-4.8964
98	AASHTO-II-S	-8.9522	8.6799	11.4503	94.1058	11.8606	-3.9067	-31.1279	1.8068
98	AASHTO-I	-16.7544	12.7377	17.4285	87.1913	23.1536	-7.2128	-58.0777	0.5840
99	AASHTO-II-S	-11.7080	4.3181	13.2841	36.1738	6.5968	-4.9227	-46.3747	3.8448
99	AASHTO-I	-19.8400	8.1426	20.7509	75.4813	14.4679	-8.2439	-86.3842	4.4051
100	AASHTO-II-S	-13.3447	2.5408	11.0822	42.5534	1.1356	-3.7410	-64.3003	0.7469
100	AASHTO-I	-22.8181	6.3314	17.5409	94.4275	4.9696	-7.2838	-117.8678	-0.1463
101	AASHTO-VIII	22.8673	3.5612	-6.6250	-24.2823	-5.8460	7.5886	-46.3122	5.2711
101	AASHTO-II-S	10.6187	3.6522	0.5810	9.2269	-3.2620	0.1679	-2.9850	1.8972
102	AASHTO-VIII	19.5713	7.5754	-11.5776	-30.1419	-5.7939	9.0187	-40.2277	5.2700
102	AASHTO-II-S	9.2391	6.7589	-0.6327	4.2411	1.0574	0.2936	-4.5191	0.1350
103	AASHTO-VIII	16.4105	11.0362	-8.0116	-35.2580	-1.3970	8.1291	-33.7937	3.5713
103	AASHTO-II-S	8.3262	9.8710	-0.2206	-0.1567	5.5622	0.5925	-6.5197	-0.3911
104	AASHTO-VIII	15.1556	12.0532	-6.3182	-36.2979	-0.5689	5.3589	-30.5263	2.5549
104	AASHTO-II-S	5.4910	11.7522	0.5814	-2.8374	7.9648	0.4825	-8.2669	0.6321
105	AASHTO-VIII	14.9542	12.0545	-2.7553	-39.4586	-1.2658	1.7112	-30.5029	2.1018
105	AASHTO-II-S	5.2464	12.2577	1.1443	-5.3319	7.8961	0.1307	-8.6641	1.7605
106	AASHTO-VIII	15.4921	11.2332	1.2183	-38.8779	-3.4230	-1.1968	-33.7525	1.2083
106	AASHTO-II-S	5.5556	11.4982	1.9791	-2.2402	5.2784	0.0919	-7.7600	2.5404
107	AASHTO-VIII	17.9644	8.5179	3.4693	-36.5129	-6.7697	-2.2909	-40.5196	-0.6544
107	AASHTO-II-S	6.6606	9.3247	2.4304	0.7958	0.3605	0.4131	-8.7533	2.3736
108	AASHTO-VIII	20.5709	6.2494	1.5790	-54.0497	-8.2219	-1.6830	-46.9558	-1.2012
108	AASHTO-II-S	7.8884	7.5236	1.2040	3.8479	-3.9509	0.4700	-8.4813	0.4854
109	AASHTO-VIII	20.5875	6.3630	-3.1964	-53.9035	-8.6673	1.4466	-47.1519	-0.0732
109	AASHTO-II-S	13.5915	11.0688	-1.7345	4.3792	-5.7264	1.2573	-11.8668	-0.0221
110	AASHTO-VIII	18.1959	8.8447	-5.3664	-35.8219	-6.2115	2.6633	-40.7990	-0.0891
110	AASHTO-II-S	6.8333	9.2828	-2.2256	1.7468	0.5678	0.3541	-5.9034	-4.0517
111	AASHTO-VIII	15.8185	11.3060	-3.0188	-37.7565	-2.5462	1.9505	-33.5214	-1.5479
111	AASHTO-II-S	5.4939	11.5587	-1.7288	-0.4397	5.8624	0.6818	-8.5945	-4.8469
112	AASHTO-VIII	15.0450	11.7367	0.9551	-37.8457	-0.7034	-1.1906	-29.4314	-2.2825

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
112	AASHTO-II-S	5.1337	12.4927	-0.6845	-0.6453	9.0583	0.8412	-7.1041	-3.9006
113	AASHTO-VIII	15.2539	11.1907	4.5412	-36.0955	-2.5396	-4.8154	-28.4523	-2.5071
113	AASHTO-I	9.2924	18.5358	0.2446	1.9969	14.1580	0.2241	-7.3462	-5.3497
114	AASHTO-VIII	16.4722	9.7027	8.2067	-32.5186	-2.0481	-7.8476	-30.5509	-3.1897
114	AASHTO-I	10.5519	16.1329	1.8952	7.9413	11.2140	-0.2588	-9.2772	-3.7171
115	AASHTO-VIII	19.6479	8.2999	10.1342	-29.8892	-5.0135	-6.5900	-35.9596	-4.9511
115	AASHTO-I	13.5911	11.5316	2.2567	17.1432	4.2852	0.0533	1.6735	-5.8823
116	AASHTO-VIII	23.1453	2.4589	7.5137	-20.6218	-7.3725	-7.3294	-40.8115	-5.4600
116	AASHTO-I	17.4270	7.5184	-0.1280	27.1478	-2.7439	0.3914	6.8142	-5.3823
117	AASHTO-VIII	25.4114	-4.1461	-14.3402	0.7644	0.2830	1.7641	-46.5662	13.2791
117	AASHTO-I	22.9217	-0.2713	-5.8695	13.6238	-8.2952	-3.8069	-5.8632	2.8345
118	AASHTO-VIII	19.2956	4.1775	-16.1125	-10.1298	2.3542	3.1203	-33.1458	12.8621
118	AASHTO-II-S	7.8405	5.1801	-5.9007	4.4189	2.4515	-4.0199	1.7302	-6.8818
119	AASHTO-VIII	13.2995	3.9923	-10.3187	-17.0874	-6.2986	5.1183	-26.3743	6.4955
119	AASHTO-II-S	4.9709	5.9682	-1.5865	2.0567	6.8625	-1.9046	-3.8149	-3.3300
120	AASHTO-VIII	11.5133	3.8722	-6.5641	-19.6244	-9.8645	3.7115	-25.0819	3.5123
120	AASHTO-II-S	4.5577	6.7272	-0.3107	1.2973	8.9351	-0.8542	-5.9439	-0.5932
121	AASHTO-VIII	11.1981	3.9777	-2.2754	-20.3828	-1.4451	1.8459	-25.1837	1.8005
121	AASHTO-II-S	4.3291	7.0965	1.1681	0.8045	8.5870	0.3123	-6.3132	2.2071
122	AASHTO-VIII	11.2329	3.2877	1.4710	-20.3070	-2.5748	0.2659	-26.5293	-0.8736
122	AASHTO-II-S	4.1911	7.1360	2.3955	0.5259	8.5914	1.5036	-5.0975	4.7961
123	AASHTO-VIII	19.2930	5.7174	7.0570	-16.0813	-1.5972	1.4506	-32.9649	-7.0234
123	AASHTO-I	11.0548	10.9405	7.5251	2.5207	3.4796	5.3402	-4.1131	6.4777
124	AASHTO-VIII	26.7795	-2.6257	5.2572	-7.6898	-5.5229	2.2868	-47.3960	-6.8797
124	AASHTO-I	18.9363	5.4557	5.3150	11.1306	-7.0394	6.5005	-4.7015	-1.6073
125	AASHTO-VIII	28.9584	-2.8155	-6.9487	-7.2101	-3.3695	-1.9418	-48.1363	7.6564
125	AASHTO-I	18.8975	5.5099	-4.8928	11.2286	-6.8189	-2.7402	-2.9105	-1.2123
126	AASHTO-VIII	16.5483	4.1459	-8.8882	-15.1271	-0.1246	-1.2228	-33.8780	7.2671
126	AASHTO-I	10.8244	10.8060	-7.1127	5.6610	2.9091	-2.2424	-0.5858	-11.5791
127	AASHTO-VIII	11.2861	3.4144	-2.9551	-19.5053	-1.5225	0.5024	-26.5067	1.3739
127	AASHTO-I	7.1206	10.5311	-3.4662	2.3650	9.5401	0.7532	-5.4505	-8.5127
128	AASHTO-VIII	11.2574	3.3745	0.9371	-19.6735	-0.9442	-1.0343	-24.2920	-1.2153
128	AASHTO-I	7.2909	10.6533	-1.3184	3.8909	13.6485	2.0066	-6.2217	-6.2542
129	AASHTO-VIII	11.5765	3.2236	5.2676	-19.4832	-0.8244	-2.7779	-23.4062	-2.5794

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
129	AASHTO-I	-0.6185	10.3467	1.2234	5.5349	14.6855	3.1789	-4.5778	-2.5455
130	AASHTO-VBD	12.3612	2.8297	8.9659	-15.8652	-1.2925	-4.2827	-23.6040	-4.8957
130	AASHTO-I	8.2549	9.4734	3.3702	7.8633	12.2146	4.8142	-0.5059	1.7743
131	AASHTO-VBD	16.1765	2.7659	14.4839	-9.2959	0.0107	-2.7675	-28.3302	-10.6429
131	AASHTO-I	13.1069	8.5511	7.0292	13.0271	6.3800	6.7402	9.0792	6.2236
132	AASHTO-VBD	29.4299	-4.8159	13.1587	1.9757	-1.8591	-1.4984	-40.9102	-12.8341
132	AASHTO-I	22.5222	1.5132	5.3901	23.8790	-0.6616	9.3332	14.2885	-1.4327
133	AASHTO-B-S	19.5810	0.7279	-11.7337	6.7495	-7.6188	-8.5950	14.8706	-28.3653
133	AASHTO-VBD	40.0133	-1.9544	-28.9039	90.3015	10.1330	-14.1316	-53.9074	23.4157
134	AASHTO-VBD	8.4979	-1.4668	-13.4591	-4.8234	5.4406	2.2548	-16.2780	12.3359
134	AASHTO-I-S	3.7743	2.1145	-3.4188	-5.7667	2.9058	-3.8811	2.4539	-13.0382
135	AASHTO-VBD	10.1138	-2.6623	-10.2853	-5.4691	0.9691	2.4772	-16.1265	6.0965
135	AASHTO-I	7.3732	2.9577	-4.3532	2.3518	6.7888	-1.2938	-2.7389	-7.3621
136	AASHTO-VBD	7.5805	-3.3745	-6.0904	-8.4173	0.2262	2.4127	-16.7768	3.4701
136	AASHTO-I-S	3.0960	2.8701	-0.6807	2.3167	10.2697	-1.1221	-2.4560	-1.8338
137	AASHTO-VBD	7.3131	-4.1346	-1.8510	-9.2570	-0.6543	2.0522	-17.0294	1.7149
137	AASHTO-I-S	2.9021	3.1157	0.9764	1.9831	10.2413	0.1648	-2.7366	2.6264
138	AASHTO-VBD	9.2993	-4.8457	2.0941	-8.0627	-1.7528	1.8823	-16.8757	-0.4870
138	AASHTO-I-S	3.6753	3.2467	2.4469	1.2208	7.9177	1.4112	-1.3670	7.0570
139	AASHTO-VBS	6.9829	-2.9983	4.7753	-8.2018	-0.2415	2.0062	-14.1481	2.3247
139	AASHTO-I-S	2.5146	3.3666	3.2112	-2.0037	3.7382	3.1396	0.1091	12.7668
140	AASHTO-VBS-S	23.8709	-2.4912	10.7906	0.2498	-7.6905	6.4887	-2.5036	19.3243
140	AASHTO-VBD	36.9493	-6.7612	17.8262	23.1648	0.6145	14.0324	-53.3105	-13.0580
141	AASHTO-B-S	18.1504	2.8247	-9.8359	5.8439	-6.0914	-8.4178	18.0890	-55.5175
141	AASHTO-VBD	38.0145	-4.4089	-20.4699	23.8767	6.1187	-16.2481	-54.3752	17.1250
142	AASHTO-VBS	6.8821	-1.9539	-6.0879	-6.8908	2.2052	-1.4987	-15.2051	-0.2109
142	AASHTO-I-S	2.4847	3.5019	-3.0997	-2.4852	2.8797	-1.5062	1.3816	-15.3454
143	AASHTO-VBD	9.1904	-4.5537	-3.1319	-7.4784	-0.5863	-0.7083	-16.8211	1.8534
143	AASHTO-I	6.2153	4.2605	-0.6850	2.9620	10.7329	1.0178	-0.9648	-11.8768
144	AASHTO-VBD	7.2998	-4.3682	0.9182	-8.6946	-0.1948	-1.0282	-16.3200	-0.6963
144	AASHTO-I	4.8484	4.2209	-1.1088	4.3561	15.1389	2.8194	-1.7871	-6.9117
145	AASHTO-VBD	7.6599	-4.0741	5.1883	-7.9504	-0.0675	-1.4044	-15.8049	-1.9420
145	AASHTO-I	5.1529	4.0450	1.5458	5.3596	16.1539	4.3334	-0.5147	0.1367
146	AASHTO-VBD	10.2900	-3.8492	9.3394	-5.2655	-0.4341	-1.5720	-14.3736	-3.6303

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
146	AASHTO-I	7.1812	3.8258	4.2528	5.7742	13.6508	6.1428	3.2115	7.0417
147	AASHTO-VBD	8.8919	-3.3317	12.2963	-4.6491	0.0019	-1.7436	-13.0877	-7.9531
147	AASHTO-I	6.3180	3.2717	6.1264	1.3084	7.9256	6.8760	7.2922	16.9902
148	AASHTO-B-S	19.4880	-0.2245	10.5958	7.5180	-6.1395	12.4836	29.4819	37.2486
148	AASHTO-VBD	40.0839	-4.9445	26.4959	28.6282	1.7418	11.8012	-46.3999	-15.4244
149	AASHTO-I	-11.2188	-2.4190	-17.3517	-26.1256	-17.2369	-15.6147	-50.8628	-46.7048
149	AASHTO-VBS-S	-8.2171	-2.5684	-15.1079	-15.8777	-3.7507	-7.3367	-30.2582	-20.0471
150	AASHTO-B-S	5.3467	-2.5062	-4.8754	5.0696	1.5842	-1.2018	-1.5779	-15.7294
150	AASHTO-VBD	10.9888	-6.2901	-12.6140	4.4544	1.8604	-0.7747	-5.3523	3.3288
151	AASHTO-VBS-S	5.0150	-5.8675	-5.3067	-0.5062	6.3056	-0.7447	-3.4228	-3.4047
151	AASHTO-I	3.6967	-3.5851	-4.4930	1.8619	9.5228	-1.3727	-0.2243	-10.8071
152	AASHTO-VBD	3.8590	-13.1182	-4.8188	-1.8429	1.5860	1.3701	-8.3566	2.8724
152	AASHTO-I	2.7619	-4.0795	-1.5864	2.3765	13.5828	-0.1471	-0.9524	-5.2987
153	AASHTO-VBD	3.7275	-14.5050	-1.0398	-2.3263	0.5719	2.0858	-8.7312	2.3662
153	AASHTO-I	2.5863	-4.0676	1.0757	2.1386	13.7662	1.2768	-0.9915	3.4426
154	AASHTO-VBD	4.5189	-15.0592	2.7564	-1.8973	-0.9501	2.7150	-8.2379	1.3033
154	AASHTO-I	3.0795	-3.5596	3.8628	0.7847	10.2789	3.3400	-2.1982	10.6896
155	AASHTO-VBS-S	6.4401	-6.9692	3.7161	-1.6405	-1.2905	0.7897	-5.3220	12.5200
155	AASHTO-VBD	10.5858	-16.4750	5.9052	1.9586	-3.6895	3.3425	-8.5479	2.8750
156	AASHTO-VBA	-14.9048	-11.7237	17.8586	-30.7337	-18.6053	20.2951	-50.8231	33.7330
156	AASHTO-VBS-S	-9.9347	-8.7105	11.9272	-19.1530	-10.5441	8.3336	-36.9580	24.8715
157	AASHTO-I	-12.3495	-2.5689	-14.3657	-30.4434	-19.5799	-10.9767	-81.4457	-53.9908
157	AASHTO-VBS-S	-8.9048	-6.8990	-11.2127	-18.8682	-6.4823	-5.8961	-35.0960	-21.7981
158	AASHTO-VBS-S	6.1896	-6.2695	-5.8932	-1.5504	0.5663	0.1390	-4.2261	-10.8024
158	AASHTO-VBC	5.8090	-5.3405	-5.4635	2.1826	2.8694	0.0739	-3.0916	-2.0892
159	AASHTO-VBD	4.3508	-14.8133	-5.2371	-1.7078	0.2598	-1.7082	-7.7208	-0.4414
159	AASHTO-I	3.0201	-3.3123	-3.5345	1.5353	11.2045	1.7967	0.8251	-13.7325
160	AASHTO-VBD	3.6819	-14.7308	3.5475	-2.0991	0.9888	-1.0915	-8.2418	-0.7971
160	AASHTO-I	2.5174	-3.7382	-1.0394	3.2891	16.5784	2.8709	0.9510	-5.2702
161	AASHTO-VBD	3.8211	-13.7449	4.3597	-1.7500	1.1073	-0.4413	-7.7765	-0.8686
161	AASHTO-I	2.6624	-3.7027	1.5231	3.6434	17.5445	4.3955	1.7854	2.9270
162	AASHTO-VBD	5.1188	-11.9072	8.4772	-0.6633	0.4428	0.3670	-6.4300	-0.8475
162	AASHTO-I	3.5892	-3.1063	4.3647	2.5160	13.9477	5.4887	3.4090	12.3382
163	AASHTO-B-S	5.4815	-3.0208	4.8867	-0.5375	2.2631	3.5581	0.9212	19.1928

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
163	AASHTO-VBD	11.3726	-10.9842	12.3289	3.8374	-1.8422	1.4143	-5.8483	1.3090
164	AASHTO-VBA	-13.1889	-9.0632	22.7104	-29.4791	-22.5827	20.9354	-52.5409	45.3167
164	AASHTO-VBS-S	-5.1155	-4.8084	15.8983	-17.1611	-10.1815	9.2086	-33.8018	27.2508
165	AASHTO-VBS	-2.9958	1.3127	-6.6215	-4.0858	1.4114	-2.4342	-11.5098	-12.5271
165	AASHTO-VBA-S	-1.5219	1.9723	-3.3376	-2.2218	0.2217	-1.4831	-6.0672	-11.7390
166	AASHTO-I	0.6457	-7.0624	-6.0182	-1.1634	-0.0709	-2.4566	-5.4675	-23.4430
166	AASHTO-VBC	1.0603	-9.0850	-7.3970	5.7159	5.4604	-2.4902	-0.8452	-8.8768
167	AASHTO-VBS-S	1.3592	-13.7799	-2.4500	0.6147	6.2896	-0.4967	-0.9087	-6.5771
167	AASHTO-VBA	1.9426	-16.1418	-3.1723	1.4865	10.1480	-0.5857	0.1415	-6.7944
168	AASHTO-VBD	0.6799	-27.9851	-1.8734	0.2456	2.1361	0.5810	-1.8853	2.6882
168	AASHTO-I	0.4779	-15.1875	-0.8522	1.2096	14.0647	-0.1816	0.6912	-4.7187
168	AASHTO-VBD	0.6328	-28.9108	-0.3495	0.1036	1.0574	1.2295	-1.9302	5.6883
169	AASHTO-I	0.4310	-15.3998	0.4082	1.1387	14.2040	0.6607	0.8246	5.5030
170	AASHTO-VBS-S	1.3997	-17.2623	1.1185	0.3464	3.8291	0.5840	-1.2933	9.5629
170	AASHTO-I	1.5900	-13.4824	1.9843	1.0748	9.5923	1.0526	0.5339	15.8813
171	AASHTO-VBA	0.6349	-15.4568	6.1028	-1.6851	-0.6055	3.8645	-6.8500	21.3627
171	AASHTO-VBD	0.8430	-24.0006	6.3623	-0.6618	-2.9401	4.2387	-3.8960	11.3756
172	AASHTO-VBA	-3.0671	-5.6717	3.0733	-5.1946	-4.3674	1.9096	-15.0701	10.9468
172	AASHTO-B-S	-1.8031	-1.8968	1.8000	-2.7386	-6.2273	0.1881	-10.5115	5.8195
173	AASHTO-VBS	-3.1022	-12.7053	-3.7066	-4.9149	-5.2354	-1.5383	-13.4715	-11.0432
173	AASHTO-VBA-S	-1.8188	-5.4557	-2.2019	-2.8909	-4.7942	0.4606	-6.8928	-7.2748
174	AASHTO-I	0.5690	-8.7198	-0.1723	-1.7111	-0.8190	0.0066	-6.8227	-21.4435
174	AASHTO-VBC	0.8357	-19.7498	-0.8331	0.0041	0.5719	-1.6462	-2.1294	-9.5974
175	AASHTO-VBS-S	1.2713	-17.3119	-1.1531	0.3705	4.7095	-0.1221	-0.9857	-7.5465
175	AASHTO-I	1.5796	-13.2510	-1.8368	1.3061	10.3986	1.1374	0.6618	-13.1174
176	AASHTO-VBD	0.6241	-30.1868	0.2299	0.1550	1.4583	-0.6587	-1.7679	-2.8195
176	AASHTO-I	0.4153	-15.1228	-0.4066	1.3707	16.9100	1.6686	1.2901	-1.8830
177	AASHTO-VBD	0.6592	-28.4381	1.7366	0.2350	1.5556	-0.5535	-1.5803	6.4611
177	AASHTO-I	0.4629	-14.9343	0.8201	1.4526	17.8559	2.5252	1.5427	9.7916
178	AASHTO-VBS-S	1.4453	-14.3885	2.4160	0.5621	6.8967	0.8146	-0.7395	9.2547
178	AASHTO-I	1.6899	-12.5466	2.2225	1.3784	13.0075	2.9028	1.7182	22.1405
179	AASHTO-VBA	0.9184	-11.4017	7.6849	-1.5676	-4.5182	4.2066	-6.4435	25.3067
179	AASHTO-VBD	1.0910	-14.2099	9.0160	-0.1767	-1.1905	5.2674	-2.9430	8.5188
180	AASHTO-VBA	-2.7589	1.6329	5.3279	-4.7868	-6.9458	2.5061	-14.8560	14.7019

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
180	AASHTO-B-S	-1.3961	1.1778	2.8182	-2.4754	-5.9814	1.4577	-10.1989	13.7610
181	AASHTO-B-S	2.1277	-3.7621	-0.3436	1.0605	-15.5587	-6.5896	6.3004	8.5132
181	AASHTO-VBA	3.9406	-8.4387	-0.6830	2.9618	-25.3928	-9.3417	3.5096	10.9842
182	AASHTO-VBS	-2.1708	-1.5648	-4.1058	-6.0090	-6.0689	-6.1758	5.5896	-4.3413
182	AASHTO-B-S	-1.0943	-6.8142	-2.0407	-5.6679	-3.6021	-4.4883	2.8906	-5.2441
183	AASHTO-B-S	10.0774	4.1224	-5.5799	-1.9283	-21.8852	-18.7949	36.8717	-65.3002
183	AASHTO-VBD	19.6783	7.1968	-12.0091	4.5399	-25.0979	-34.3584	40.7767	-80.4183
184	AASHTO-VBS	-10.2273	3.4446	0.6877	-24.4086	-2.3431	-8.7900	-19.1676	-16.7809
184	AASHTO-B-S	-5.1318	1.6581	0.1698	-12.4850	-1.3811	-4.8358	-12.1878	-10.0384
185	AASHTO-VBS	-49.2883	8.0474	-5.1463	-66.2118	-36.8736	-21.7906	-203.8853	-115.5144
185	AASHTO-B-S	-21.1719	4.6652	-1.9182	-52.9379	-25.4825	-11.6551	-132.6227	-78.5365
186	AASHTO-VBD	-1.3657	1.0134	5.1562	-7.3851	-4.6561	0.0484	-43.3400	-21.6649
186	AASHTO-I	-1.5328	0.8741	3.8289	0.8544	-6.8872	-0.3878	-81.2878	-27.0134
187	AASHTO-VBD	-30.9237	11.1864	10.0791	13.9834	-12.4125	-5.8822	-124.3148	-16.8973
187	AASHTO-I	-23.8889	10.9997	8.9130	32.9240	-12.8481	-4.3439	-143.9560	-19.0935
188	AASHTO-B-S	0.2311	0.8370	3.0809	17.7215	-3.8506	-0.2051	-37.7021	-11.9716
188	AASHTO-I	-0.7646	1.3522	4.5553	36.2505	-6.8050	-1.8566	-113.2957	-21.0669
189	AASHTO-B-S	-12.0408	2.3545	6.7058	44.7029	-6.0266	-0.7913	-66.8129	-4.2462
189	AASHTO-I	-21.0022	5.6909	10.7290	88.4903	1.3910	-2.1064	-128.8681	-7.7545
190	AASHTO-B-S	4.5515	3.0741	9.0427	44.0241	1.7522	0.9355	-63.8051	-3.8297
190	AASHTO-I	8.2022	6.3995	10.3596	88.7122	3.8626	0.2670	-124.9583	-6.4188
191	AASHTO-VBD	25.3664	0.6997	2.6976	-15.8899	-7.2818	-4.4048	-36.7245	-3.9003
191	AASHTO-I	19.6670	4.2962	-4.0703	33.6234	-4.9443	0.7149	14.7516	-5.4294
192	AASHTO-VBD	4.3391	-0.6297	3.8001	-11.9457	-4.3009	-1.1952	-28.8271	-2.5872
192	AASHTO-I	14.2908	3.2812	-2.9654	35.7091	-2.8469	1.2540	20.2761	-3.6394
193	AASHTO-VBD	26.7368	-7.0793	2.8145	5.3519	-1.4817	-0.4741	-39.3408	3.0459
193	AASHTO-I	23.1580	-1.8315	-3.1648	26.0624	-7.4668	-0.2259	20.7741	-0.9849
194	AASHTO-VBD	6.5306	-0.4691	0.2118	0.1317	2.1941	-0.5514	-25.0013	2.8162
194	AASHTO-I	10.1598	0.3045	-2.2013	19.4806	-0.8422	-0.6485	30.8116	-5.3086
195	AASHTO-B-S	18.8179	0.3923	-6.6230	8.0675	-8.3267	-0.8525	71.3722	-32.9982
195	AASHTO-VBD	37.2850	-1.8865	-10.2869	30.9969	7.4319	-17.5037	-44.2828	11.8782
196	AASHTO-VBS-S	1.8456	0.4484	1.0138	-1.3410	0.8906	-0.4764	1.4406	-2.5153
196	AASHTO-I	4.7519	0.8952	0.2470	2.7258	-0.7295	1.5200	24.8229	-5.3290
197	AASHTO-I	-11.0850	-0.5846	-8.6746	-28.9042	-26.1857	-4.4521	-58.5126	-53.1577

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
197	AASHTO-VIII-S	-8.4480	-1.2740	-6.0882	-15.9786	-5.5868	-3.5805	-31.2029	-20.0908
198	AASHTO-IS-S	4.2843	-0.7924	-0.1744	-1.3474	-1.8106	3.0665	9.2193	-6.4460
198	AASHTO-VIC	8.4522	-2.0491	0.0745	7.1515	-0.1290	-0.7025	-0.4719	-0.9835
199	AASHTO-I	-2.2092	5.3228	-1.0758	-4.1859	-8.7813	3.8328	-14.8916	0.0190
199	AASHTO-VIII-S	-1.8920	3.3658	-0.4481	-2.2081	-3.8912	0.8370	-8.1733	-2.9546
200	AASHTO-I	1.4136	1.2285	-2.4210	-1.6423	-4.0144	1.3043	-2.2567	-9.0092
200	AASHTO-VIC	1.7000	1.1778	-3.0453	1.5329	-0.3450	-1.8289	0.2998	-4.6668

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m) Result Cases

AASHTO-I	AASHTO-IS	AASHTO-IS
AASHTO-VIIA	AASHTO-VIIB	AASHTO-VIIC
AASHTO-VIIC	AASHTO-II-S	AASHTO-III-S
AASHTO-IS-S	AASHTO-VIIA-S	AASHTO-VIIB-S

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
1	AASHTO-VIII	-2.0391	-1.3056	3.7798	-6.9833	-5.4878	7.6992	9.5343	5.2983
1	AASHTO-VIIA-S	-1.5171	-0.6260	1.7829	-4.6292	-2.8251	3.5466	4.4376	1.8249
2	AASHTO-VIII	4.0395	-6.8518	0.8401	2.8485	-21.3193	10.0040	3.9406	-16.3592
2	AASHTO-VIIA-S	2.0197	-2.8754	0.3957	1.1369	-10.3414	5.8170	3.1296	-10.4300
3	AASHTO-VIIA	-6.4078	2.3194	-0.4412	-21.0090	-2.2916	6.8431	-12.4083	16.0844
3	AASHTO-I-S	-4.7942	1.5505	-0.2462	-12.2926	-1.3341	4.6916	-11.8454	9.8817
4	AASHTO-VIIB	19.6891	5.9760	10.5992	4.0294	-30.7050	34.0738	46.5540	90.8733
4	AASHTO-I-S	9.3475	3.2969	5.3268	0.7310	-16.2576	19.1005	28.4585	53.1691
5	AASHTO-VIIA	-1.5088	0.1124	-3.0527	-6.6150	-6.9200	0.7504	-44.1843	23.8248
5	AASHTO-I-S	-0.5982	0.5322	-2.4190	-1.7819	-2.6991	-0.6421	-26.5174	13.9436
6	AASHTO-VIIB	-43.7185	6.3361	7.6808	-68.1816	-39.3080	25.3468	-197.4219	115.0087
6	AASHTO-I-S	-20.1333	3.6801	2.8214	-33.8446	-20.4081	9.8545	-114.1693	65.7830
7	AASHTO-VIIB	-0.1025	1.8027	-5.3303	21.5976	-8.8184	2.8842	-98.3039	20.2184
7	AASHTO-II-S	-0.5811	0.8759	-2.3643	15.6809	-3.8131	0.8863	-56.3152	11.8101
8	AASHTO-I	-23.8471	9.7185	-5.2180	19.5106	-12.8459	2.4816	-115.4186	15.7562

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
8	AASHTO-VIIA-S	-17.5134	5.3729	-4.2414	11.1988	-5.8629	3.7152	-76.5895	10.1242
9	AASHTO-I-S	4.2621	3.0277	-5.8559	49.2963	1.6890	-0.5023	-62.4719	5.6116
9	AASHTO-VIII	7.6567	6.0577	-11.7625	94.2013	4.3005	0.7485	-108.3088	6.0364
10	AASHTO-I-S	-11.8709	2.5369	-6.8406	44.0139	-0.0318	0.7682	-67.5905	3.8449
10	AASHTO-VIC	-26.8025	4.8149	-6.8123	46.0159	3.3448	4.2924	-90.0777	4.2092
11	AASHTO-VIII	4.4980	0.2517	-3.1612	-5.6252	-4.9592	0.7359	-21.3646	3.0364
11	AASHTO-VIIA-S	4.4585	1.2500	-0.3221	3.0580	-1.8705	-0.2585	-1.4230	2.0870
12	AASHTO-VIII	23.1381	1.6144	-2.1491	-8.5449	-6.6270	3.6098	-33.8851	4.2773
12	AASHTO-VIIA-S	12.5452	2.6247	0.1164	1.3878	-2.9947	0.6830	-10.5274	2.5179
13	AASHTO-I-S	5.3721	0.2316	1.4525	6.0650	-6.2955	1.7413	8.8585	2.8481
13	AASHTO-VIC	5.5234	-0.4412	-1.1103	-1.8662	2.4359	2.8856	-26.9836	-3.2391
14	AASHTO-I	23.0474	-2.8144	2.4200	16.0151	-6.8455	3.8503	-4.8650	-1.4837
14	AASHTO-VIC	24.0455	-3.7023	-2.9919	3.8228	1.7297	3.0310	-36.8137	-0.0790
15	AASHTO-VIIA-S	2.9858	0.0440	-1.2501	-0.7749	-0.1529	-0.5767	4.3817	3.6949
15	AASHTO-VIC	3.1788	0.1575	-2.5305	1.6343	1.8475	0.4095	-10.9502	-3.5596
16	AASHTO-VIIA-S	20.3990	-2.2116	3.7363	12.7589	-7.0106	4.8433	2.5030	16.5439
16	AASHTO-VIC	36.8775	-3.2189	5.0628	31.4029	5.9085	14.6896	-50.5289	-12.7921
17	AASHTO-VIIA	9.3683	-2.1854	0.4705	5.0505	-1.8677	-0.8401	0.8428	6.4417
17	AASHTO-VIC	9.0360	-2.3197	-0.0098	7.7608	-0.4336	1.2569	-2.7459	1.1253
18	AASHTO-II	-11.7250	-2.0991	10.0224	-24.7345	-10.2481	9.0592	-44.2835	28.4001
18	AASHTO-VIC	-15.5286	-4.1592	11.3535	-18.1421	0.1556	16.5725	-19.8747	-2.0493
19	AASHTO-I	1.4557	1.0983	2.4686	-0.2219	-2.6940	-0.3563	-0.9724	7.7965
19	AASHTO-VIC	1.8863	1.4668	3.4164	0.9836	0.2713	2.2696	-1.5573	3.2490
20	AASHTO-I	-2.2542	5.4767	1.1254	-3.3030	-8.3786	-1.1445	-11.8945	4.8481
20	AASHTO-VIC	-3.0754	7.4128	1.1110	-3.4018	5.2237	1.5148	-8.3670	3.4286
21	AASHTO-VIIB	3.6978	0.3776	-8.5809	3.9785	-19.1992	-4.2525	2.3290	-8.8587
21	AASHTO-VIIA-S	2.0922	0.3986	-4.5134	2.3624	-8.8284	-2.3250	1.1749	-6.7171
22	AASHTO-I	-1.0647	13.6757	-8.5617	-3.0010	0.0878	-5.4486	6.1623	-24.4268
22	AASHTO-VIA	-1.1606	17.1114	-10.1015	-2.0723	7.3060	-6.2642	5.8907	-20.0484
23	AASHTO-I-S	-1.2452	14.0588	-2.4579	-0.7129	11.0733	-0.3957	-1.3529	-12.5589
23	AASHTO-VIA	-2.6492	27.4804	-4.4451	-1.4393	19.9229	-0.6773	-1.9559	-15.6116
24	AASHTO-II-S	-0.3481	17.5475	-1.2022	0.5298	15.5288	0.7277	-1.7761	-4.7354
24	AASHTO-VIII	-0.7598	36.8306	-2.8444	0.8881	26.4238	1.9113	-3.2569	-10.5905
25	AASHTO-II-S	-0.3189	19.2305	-0.4335	0.4906	14.9674	1.0713	-1.8892	1.7767

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
25	AASHTO-VBB	-0.0949	41.9337	-0.8995	0.8950	25.9431	2.5276	-5.2440	0.2985
26	AASHTO-VBA-S	-1.2529	22.2851	0.8148	-0.8273	8.8563	2.0276	-0.8257	9.7484
26	AASHTO-VBB	-2.5376	41.7866	1.3732	-1.4629	16.2375	4.3042	-2.0526	10.0660
27	AASHTO-VBA-S	-0.7243	19.5372	3.8265	-2.3284	-0.7400	5.0369	5.3180	12.4730
27	AASHTO-VBB	-1.2103	36.9442	6.8936	-3.0075	3.2053	9.0762	8.5184	19.8856
28	AASHTO-I	2.7630	18.1711	3.1963	5.4821	-19.5853	6.4541	3.5600	-0.5404
28	AASHTO-S-E	1.6225	11.4981	1.9453	1.9263	-11.5829	4.1074	2.7231	-1.5508
29	AASHTO-I	2.7757	18.2246	-3.2476	3.1079	-19.9476	-7.2513	4.4418	2.5128
29	AASHTO-S-E	1.7545	11.2482	-1.9625	2.1250	-11.5206	-4.2378	2.2784	0.6133
30	AASHTO-I-S	-0.5594	16.9604	-3.2193	-1.5599	0.8707	-5.7005	4.3423	-12.1464
30	AASHTO-VBA	-0.8369	29.7305	-6.8254	-2.0300	-4.7126	-10.2534	6.1865	-12.7367
31	AASHTO-S-E	-1.2673	18.8485	-0.8068	-0.7835	11.1251	-2.3822	-1.2806	-8.2257
31	AASHTO-VBB	-2.8845	41.8779	-1.3087	-1.4162	19.5457	-4.7021	-2.9259	-8.1013
32	AASHTO-I-S	-0.5226	16.7879	0.5518	0.5487	15.4457	-1.3221	-1.8443	-0.0367
32	AASHTO-I	-0.5336	30.9460	0.7900	1.2057	26.9051	-2.5424	-3.8643	-1.5720
33	AASHTO-S-E	-0.3376	17.0520	1.3159	0.5436	15.2495	-0.9422	-1.8110	6.7958
33	AASHTO-I	-0.5705	28.5467	2.0679	1.2052	27.9516	-2.0770	-4.2444	10.6483
34	AASHTO-VBA-S	-1.2879	15.2837	2.9243	-0.8089	9.5820	-0.2084	-1.5231	17.4897
34	AASHTO-I	-2.1122	22.5420	4.0831	-1.2163	20.6722	-0.2244	-3.5364	22.8242
35	AASHTO-VBC	-1.3029	13.0857	9.3195	-3.5138	-3.2271	-4.8741	7.0359	24.8317
35	AASHTO-I	-1.9641	13.5948	8.6646	-2.8341	5.4226	5.5307	5.3757	31.2982
36	AASHTO-VBA	3.2040	-1.9173	7.5508	2.9641	-23.2499	4.7029	4.5247	5.6569
36	AASHTO-S-E	1.7196	-0.5350	3.9766	1.7664	-12.5884	2.6698	2.8631	4.8565
37	AASHTO-I	14.3012	8.6233	-24.8757	3.1400	-32.8691	-16.7940	45.2954	-107.3195
37	AASHTO-VBA-S	9.8334	10.5495	-16.7770	3.7584	-8.1043	-15.3534	26.1379	-60.2434
38	AASHTO-I-S	-6.2067	8.5854	-7.8390	-7.7591	5.2786	-1.3973	-6.7049	-29.3757
38	AASHTO-VBA	-13.0059	18.0348	-13.9658	-13.1508	12.5905	-2.1836	-10.9365	-35.4761
39	AASHTO-I-S	-2.7422	15.1413	-5.7156	0.9673	11.5866	0.8488	-8.1359	-15.3472
39	AASHTO-VBA	-5.6853	19.2152	-9.4450	0.3558	20.6587	1.5775	-10.8806	-18.2849
40	AASHTO-S-E	-2.0991	11.8783	-3.1964	2.8314	15.6818	1.5736	-7.8247	-3.6901
40	AASHTO-VBB	-4.4903	24.6278	-7.0046	5.5760	26.6566	4.8252	-14.2572	-7.7464
41	AASHTO-S-E	-1.9726	13.2346	-1.1312	2.7722	15.1579	1.5761	-7.3665	4.9676
41	AASHTO-VBB	-4.2918	26.9266	-2.5837	5.3940	26.1645	3.9427	-14.0717	7.3531
42	AASHTO-VBA-S	-2.7525	15.2121	1.6847	5.1012	10.5957	2.0195	-7.0907	16.8282

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
42	AASHTO-VBB	-5.4066	27.9597	3.0192	0.7195	16.3714	4.8288	-12.7737	23.7927
43	AASHTO-VBA-S	-6.6227	15.2462	3.7830	-6.4894	0.9578	4.0960	-4.5391	30.6841
43	AASHTO-I	-10.2544	25.5891	4.9078	-12.7528	7.5205	7.2472	-11.8952	40.2029
44	AASHTO-VBA	16.6308	18.5746	18.2733	5.5801	-36.7720	21.7970	49.3226	107.5191
44	AASHTO-I-S	9.4629	14.4856	9.9457	1.0300	-16.7727	16.3249	35.8548	67.3516
45	AASHTO-I	14.3484	22.7432	-16.9134	1.9848	-32.7456	-22.9883	95.2171	-111.8151
45	AASHTO-VBA-S	10.0126	19.3338	-12.6567	2.5870	-10.5701	-20.2675	53.5323	-63.0452
46	AASHTO-I-S	-8.1467	14.9940	-2.7659	-8.1151	3.8413	-6.0375	-8.3641	-29.2899
46	AASHTO-VBA	-12.4139	26.6605	-4.8607	-13.3671	10.9521	-6.0701	-11.8983	-36.1457
47	AASHTO-S-E	-2.6421	13.6699	-0.6132	0.3067	11.6859	-2.5421	-7.0132	-13.4423
47	AASHTO-VBB	-5.5903	28.2268	-1.4490	1.0771	20.7554	-5.2957	-13.5316	-22.3116
48	AASHTO-S-E	-2.0059	12.8314	1.5477	3.0169	15.6027	-1.8995	-7.7845	-3.9891
48	AASHTO-I	-3.3159	21.2437	2.1293	6.5440	27.2874	-3.9271	-15.4670	-8.8170
49	AASHTO-S-E	-2.0286	11.4429	3.5957	3.0891	15.4961	-1.9907	-8.1648	5.0435
49	AASHTO-I	-3.4339	19.2844	5.3575	6.8567	28.2839	-4.1549	-16.4310	6.7111
50	AASHTO-VBA-S	-2.9437	9.7162	7.2245	0.6415	10.5876	-2.0360	-8.4516	19.2627
50	AASHTO-I	-4.8389	16.3377	9.3472	2.4763	22.3481	-3.2565	-16.8056	24.0133
51	AASHTO-VBC	-11.3664	10.2838	14.2900	-13.2218	-0.8375	0.8790	-8.0915	45.8681
51	AASHTO-I	-15.6180	13.9172	12.9414	-12.1279	9.3617	1.0562	-16.1680	48.1927
52	AASHTO-VBA	16.6759	5.7138	25.8495	3.4757	-43.2518	17.1892	91.1688	123.5170
52	AASHTO-I-S	8.8401	5.5089	15.1134	1.0668	-18.7838	12.3702	34.4066	75.8674
53	AASHTO-I	-37.9344	7.9826	-29.3307	-53.0730	-39.8185	-12.5839	-173.8485	-127.0081
53	AASHTO-VBA-S	-26.8369	10.3182	-17.1654	-33.9513	-12.5282	-1.8197	-108.2097	-72.1022
54	AASHTO-I-S	-4.9766	6.3048	-8.2518	3.0556	2.5998	5.9563	-23.7225	-34.2752
54	AASHTO-VBA	-10.4938	12.8918	-14.1368	2.9321	10.4887	10.8572	-29.8856	-44.4534
55	AASHTO-I-S	-5.7050	8.2314	-7.3277	7.1748	12.6807	3.7588	-16.2534	-14.8595
55	AASHTO-VBB	-12.4672	14.9634	-14.4828	11.4273	21.8279	8.8730	-30.5279	-24.2357
56	AASHTO-I-S	-4.2203	9.3480	-4.2960	9.3489	15.8732	2.3234	-13.8981	-2.8665
56	AASHTO-VBB	-9.9676	16.9033	-9.2550	17.5856	26.9367	5.8292	-26.3167	-6.4633
57	AASHTO-I-S	-4.0588	10.0419	-1.7200	8.9817	16.3539	0.7740	-13.4840	5.3795
57	AASHTO-VBB	-8.8847	18.3362	-3.8226	17.4734	28.5446	2.7221	-25.8239	8.1933
58	AASHTO-VBA-S	-6.1853	11.2746	1.9665	5.9673	11.2843	-0.9133	-17.0609	17.1221
58	AASHTO-VBB	-11.5473	19.2984	1.2981	11.2044	20.2576	-0.1599	-29.5484	25.5481
59	AASHTO-VBC	-7.7773	11.7775	7.1867	1.7849	-0.7106	-3.4184	-29.9773	48.4357

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
59	AASHTO-I	-7.8328	16.7407	3.5188	3.5691	9.4483	-5.7184	-32.6975	49.0527
60	AASHTO-VBA	-44.0247	12.8712	25.3923	-61.7452	-44.5824	21.3598	-190.5912	130.3570
60	AASHTO-II-S	-22.8359	11.6318	10.3301	-34.9808	-21.1152	6.8632	-115.8339	80.1078
61	AASHTO-I	-38.3274	17.8500	-17.7241	-54.3478	-39.5746	-16.2313	-183.6539	-133.1395
61	AASHTO-VBA-S	-26.5262	15.5877	-8.2763	-34.8504	-14.7541	-4.9832	-115.1818	-76.1650
62	AASHTO-II-S	-4.5682	11.0268	-2.1057	2.2301	2.8665	2.8273	-21.9182	-35.4966
62	AASHTO-VBA	-9.1910	10.0922	-1.8869	2.9079	8.9117	4.4604	-28.0866	-47.0947
63	AASHTO-II-S	-5.5053	10.5402	0.0842	5.9059	12.4460	6.3139	-15.5978	-14.3885
63	AASHTO-VBS	-11.6730	19.4451	-0.0628	11.6982	21.5724	-0.2470	-29.5504	-24.3722
64	AASHTO-II-S	-4.0990	9.8590	2.5074	9.5401	15.8085	-1.1831	-14.0713	-4.7007
64	AASHTO-I	-6.7985	16.4833	3.3344	19.3516	27.7098	-2.4755	-27.2521	-10.3084
65	AASHTO-II-S	-4.1414	8.7968	5.0439	9.8830	15.7962	-2.7534	-14.8986	3.8561
65	AASHTO-I	-6.8659	15.1072	7.5792	20.3691	29.8134	-5.4210	-28.8769	4.2569
66	AASHTO-VBA-S	-6.4004	9.7636	5.8841	9.1856	11.7948	-5.3405	-21.7154	18.1187
66	AASHTO-I	-9.6544	13.1289	11.7919	15.5686	23.8562	-8.2571	-34.7514	22.3359
67	AASHTO-VBC	-8.7965	4.2401	17.5462	3.1411	-2.1393	-8.8173	-37.8395	54.8914
67	AASHTO-I	-8.4478	10.2100	15.0667	9.3969	6.8048	-12.8886	-43.7403	54.7560
68	AASHTO-VBA	-43.7946	2.2429	57.5387	-63.5331	-51.2950	16.6183	-199.1475	146.5018
68	AASHTO-II-S	-22.8099	5.4809	16.1018	-15.9695	-22.8010	4.0311	-126.8673	87.8843
69	AASHTO-I	-27.9930	10.6078	-18.5131	19.0729	-6.8553	7.0295	-113.6715	-25.3750
69	AASHTO-VBA-S	-19.7468	8.7818	-11.0636	12.0324	-5.8521	6.1790	-70.9118	-16.0138
70	AASHTO-II-S	-10.5805	4.5429	-12.3995	17.3278	2.0059	5.5896	-47.6553	-23.8896
70	AASHTO-VBA	-20.4031	8.5756	-16.2817	22.5319	6.7474	10.7480	-85.8827	-33.9300
71	AASHTO-II-S	-7.2207	7.4838	-8.7629	20.9155	12.3988	5.3306	-26.5075	-10.2250
71	AASHTO-VBS	-15.4714	10.5615	-19.3290	35.2266	20.8214	12.4270	-46.1549	-17.1326
72	AASHTO-II-S	-6.8475	8.8003	-5.1333	19.1771	15.3415	2.5467	-19.2181	-1.1471
72	AASHTO-VBS	-14.5068	13.3350	-10.8381	36.8066	25.7029	6.8523	-35.2245	-3.5841
73	AASHTO-II-S	-6.7106	8.2859	-1.9587	18.5460	14.8328	-0.0045	-17.7710	4.4753
73	AASHTO-VBS	-14.0467	14.2046	-4.3350	36.2460	25.1202	1.5023	-34.6857	6.8173
74	AASHTO-VBA-S	-8.0406	8.9247	2.8276	19.0720	10.8103	-2.8866	-25.2375	12.8043
74	AASHTO-VBS	-14.8454	13.4782	1.3864	34.2287	19.1576	-3.9947	-45.3921	19.8236
75	AASHTO-VBC	-19.3646	7.0225	11.5436	17.4723	-0.8722	-2.9343	-63.2559	34.8187
75	AASHTO-I	-16.9927	12.5453	6.8741	25.5927	9.4656	-5.7204	-68.8884	37.0287
76	AASHTO-I	-27.5139	17.8276	5.3326	19.1928	-10.5746	-3.4101	-110.7987	22.3468

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
76	AASHTO-VBS-S	-23.1924	13.3221	4.9141	16.2980	-6.4607	-2.1436	-77.3260	15.4663
77	AASHTO-I	-27.5519	17.8472	-5.6796	19.3184	-10.1312	2.5515	-112.7918	-25.4745
77	AASHTO-VBS-S	-22.0409	13.1967	-5.4345	16.6715	-6.3630	2.3902	-76.8151	-16.2702
78	AASHTO-II-S	-10.2888	8.5927	-4.0214	15.8942	1.7679	3.0515	-45.5300	-26.5910
78	AASHTO-VBA	-18.8391	11.2858	-4.3376	23.0949	4.5191	5.0747	-86.0621	-36.5014
79	AASHTO-II-S	-6.8082	8.8803	0.2273	18.0237	11.8347	3.9206	-22.5562	-11.5104
79	AASHTO-VBS	-14.8247	13.6941	0.3453	35.1299	20.2878	3.8075	-43.2458	-19.3735
80	AASHTO-II-S	-6.6626	9.0539	2.9847	19.4890	10.2863	-0.2774	-18.4645	-4.2541
80	AASHTO-I	-11.1157	15.3232	3.7428	36.3152	26.6865	-0.6754	-35.5915	-8.5369
81	AASHTO-II-S	-6.7895	8.1873	6.2563	20.3199	15.3674	-2.8751	-19.8551	1.8071
81	AASHTO-I	-11.3466	14.4918	9.1792	40.4040	28.1349	-5.3969	-37.7479	0.2046
82	AASHTO-VBA-S	-8.1662	5.2899	11.7155	24.2222	11.7715	-6.9038	-31.7986	11.8160
82	AASHTO-I	-12.2018	11.8486	13.8621	41.3481	23.3144	-10.5780	-49.4068	13.6199
83	AASHTO-VBC	-20.3305	1.2692	23.1133	23.3696	-1.5026	-6.4617	-75.7343	37.9060
83	AASHTO-I	-18.0387	8.1583	20.0244	37.0566	6.6706	-12.0910	-96.8518	37.5835
84	AASHTO-VBA	-32.4285	9.6342	22.4555	19.1053	-12.6154	-8.1982	-130.8372	27.6298
84	AASHTO-II-S	-16.7470	7.5677	11.8089	18.4329	-6.1822	-0.8629	-83.3755	16.0759
85	AASHTO-II-S	-13.1282	3.1661	-11.0348	42.1346	1.2858	3.6934	-83.2462	-1.5814
85	AASHTO-VBA	-26.8299	6.8206	-15.4861	59.7879	5.5215	6.5653	-93.1010	-3.1001
86	AASHTO-II-S	-11.5927	5.2894	-13.1788	38.1472	6.9253	4.8452	-47.7870	-4.8893
86	AASHTO-VBA	-22.5564	8.8298	-16.8374	51.7028	12.7104	10.2659	-98.0097	-7.3197
87	AASHTO-II-S	-10.0229	7.6961	-10.0500	31.7981	12.2068	3.8625	-28.3403	-1.8228
87	AASHTO-VBS	-20.7910	9.5626	-19.7506	59.2914	20.0625	11.0486	-53.9734	-5.0132
88	AASHTO-II-S	-8.5569	9.9689	-5.9637	29.4067	14.7503	1.9903	-19.8181	1.0624
88	AASHTO-VBS	-19.4621	13.0210	-12.0940	67.0381	34.0751	6.5516	-59.0138	0.5194
89	AASHTO-II-S	-9.4359	10.2844	-1.8402	28.5280	14.2451	-0.2770	-19.3212	2.9729
89	AASHTO-VBS	-19.2797	13.4828	-4.1194	58.3940	23.4721	1.0516	-36.3850	4.1871
90	AASHTO-II-S	-8.7427	8.8012	2.5036	29.0751	15.7600	-2.0481	-26.8882	5.8114
90	AASHTO-I	-15.8295	14.3211	2.8514	52.4044	16.3762	-3.3143	-46.7483	7.0570
91	AASHTO-II-S	-11.3909	7.3259	4.5275	30.7749	5.3437	-2.9867	-40.8532	7.2652
91	AASHTO-VBS	-24.2749	9.6282	8.0199	59.5769	10.3409	-5.4467	-77.5343	12.8211
92	AASHTO-II-S	-13.3684	6.4437	2.8215	32.8063	0.3636	-1.4715	-52.7677	3.0680
92	AASHTO-VBD	-28.4477	6.7281	4.5346	58.0908	3.0199	-2.6342	-90.5870	5.0474
93	AASHTO-II-S	-13.2762	6.5568	-1.3230	32.9959	0.6299	1.6739	-52.4944	-4.0378

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
93	AASHTO-VBD	-26.3205	6.8884	-2.7178	56.3363	5.3676	2.8232	-90.2767	-6.3257
94	AASHTO-8-E	-11.2262	7.4350	-3.1550	31.3088	5.8001	3.0404	-40.4015	-7.8609
94	AASHTO-VBB	-24.0415	9.7852	-6.0840	60.0609	11.0829	5.6624	-76.8384	-13.5817
95	AASHTO-8-E	-9.6166	8.7467	-1.0407	29.8551	11.4251	2.1299	-26.5846	-6.1788
95	AASHTO-I	-16.0317	14.4483	-3.2780	57.2931	18.0633	3.8286	-50.0348	-12.5754
96	AASHTO-8-E	-9.3648	10.0536	3.0743	29.8335	14.7070	0.2528	-20.0799	-3.2748
96	AASHTO-I	-15.5827	17.0992	3.4718	58.0015	26.1864	0.5816	-36.8791	-7.9739
97	AASHTO-8-E	-9.4658	9.3375	7.3828	31.2369	14.6708	-2.0511	-21.4777	-1.2189
97	AASHTO-I	-15.8419	16.5280	10.5934	61.2401	27.3762	-3.8053	-41.3394	-4.6864
98	AASHTO-8-E	-9.9522	8.6798	11.4503	34.1058	11.8606	-3.0067	-31.1279	1.9359
99	AASHTO-I	-16.7544	12.7577	17.4265	67.1913	23.1936	-7.2129	-58.0777	0.5842
99	AASHTO-VBA-S	-13.4476	2.7538	16.3575	44.7869	6.1322	-6.1126	-56.8317	4.7934
99	AASHTO-I	-19.8430	5.1426	20.7939	75.4913	14.4679	-9.2439	-66.3642	4.4051
100	AASHTO-VBA-S	-15.2717	1.1100	13.5473	49.3641	0.1495	-4.5905	-73.7575	0.9968
100	AASHTO-I	-22.8181	6.3314	17.5409	84.4270	4.9696	-7.2838	-117.8675	-0.1463
101	AASHTO-VBB	22.8041	4.9227	-7.1051	-15.3218	-5.9994	6.3262	-36.2444	5.5527
101	AASHTO-VBA-S	13.0412	5.2385	-2.8183	-2.0762	-1.6840	1.4445	-14.9714	3.6331
102	AASHTO-VBD	19.5713	7.5754	-11.5776	-30.1419	-5.7939	9.0167	-40.2277	5.2790
102	AASHTO-VBA-S	9.9193	8.2758	-4.7462	-8.9464	1.8633	1.8508	-15.8245	2.1211
103	AASHTO-VBD	16.4195	11.0382	-9.9116	-35.2580	-1.3670	8.1291	-55.7957	5.5715
103	AASHTO-I	11.1065	14.5382	-1.4217	-5.1278	8.2420	2.8104	-12.6283	-1.4330
104	AASHTO-VBD	15.1958	12.0532	-6.3180	-38.2979	-0.5689	5.3589	-30.5263	2.5549
104	AASHTO-I	9.7527	17.1813	0.3036	-7.8426	9.7172	2.1160	-13.4487	-0.3656
105	AASHTO-VBD	14.9542	12.0546	-2.7553	-39.4596	-1.2858	1.7112	-30.5026	2.1918
105	AASHTO-I	9.3357	16.5232	1.4583	-8.1830	9.9147	0.8137	-13.4921	1.0546
106	AASHTO-VBD	15.6521	11.2332	1.2183	-38.8779	-3.4230	-1.1968	-33.7525	1.2083
106	AASHTO-I	9.8041	17.0602	3.3790	-8.0456	8.8234	0.2767	-12.6999	2.4262
107	AASHTO-VBD	17.3644	8.5178	3.8693	-34.3129	-8.7697	-2.2809	-40.5198	-0.8544
107	AASHTO-I-S	8.8608	9.3247	2.4304	0.7958	0.3603	0.4131	-8.7533	2.3736
108	AASHTO-VBB	20.2142	6.3286	1.3171	-27.8631	-6.7091	-0.7748	-42.7550	-0.6109
108	AASHTO-I-S	7.8884	7.5236	1.2046	3.8476	-3.9559	0.4700	-6.4813	0.4854
109	AASHTO-VBB	20.3309	6.4424	-3.1330	-27.8166	-6.3505	1.1383	-42.9519	-0.8648
109	AASHTO-I-S	7.8610	7.4973	-1.0397	4.1852	-3.8345	0.3021	-6.1475	-1.7294
110	AASHTO-VBD	18.1858	8.8447	-5.3884	-35.8219	-8.0115	2.8633	-40.7680	-0.0891

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
110	AASHTO-I	11.0367	13.7777	-5.7424	1.4127	0.8636	1.8298	-10.1405	-6.2734
111	AASHTO-VBD	15.8180	11.3060	-3.0186	-37.7565	-2.5462	1.6506	-35.5214	-1.5479
111	AASHTO-I	9.6400	17.2293	-2.7275	-1.2158	8.2429	1.8615	-8.5958	-7.7767
112	AASHTO-VBD	15.0455	11.7367	0.9551	-37.8457	-0.7534	-1.1908	-29.4314	-2.2525
112	AASHTO-I	9.0342	16.6487	-0.5816	-0.5696	13.0139	1.2463	-9.3205	-6.7628
113	AASHTO-VBD	15.2553	11.1907	4.5412	-36.0955	-6.5396	-4.8154	-28.4523	-2.5071
113	AASHTO-I	9.2924	16.3338	0.2440	1.9969	14.1380	0.2341	-7.3462	-5.3497
114	AASHTO-VBD	16.4722	9.7027	9.2067	-32.5186	-2.0491	-7.5478	-30.5509	-3.1997
114	AASHTO-I	10.5518	16.1329	1.8952	7.9413	11.2140	-0.2886	-3.2772	-3.7171
115	AASHTO-VBD	19.0478	8.0969	10.1342	-26.8892	-5.0135	-6.5900	-35.9596	-4.9011
115	AASHTO-I	13.0911	11.5316	3.2567	17.1432	4.2852	0.0533	1.8736	-2.8823
116	AASHTO-VBA	21.1854	2.2321	1.9874	1.1201	-8.2741	-2.9432	-16.5195	-4.9531
116	AASHTO-I-S	10.3594	4.4025	-0.7351	16.9927	-2.2080	0.8221	4.5224	-3.0129
117	AASHTO-I	22.9217	0.2713	-5.8895	13.6239	-8.2952	-3.8099	-5.8832	2.8345
117	AASHTO-VBC	26.5823	-1.7403	-12.9106	2.8889	1.9331	-0.4071	-41.8542	10.5647
118	AASHTO-8-E	9.6340	5.0553	-5.1041	1.5441	2.3025	-2.7520	-1.9459	-4.3243
118	AASHTO-VBA	16.1825	8.2596	-13.7777	-2.9409	5.9344	-1.9818	-24.0106	6.6729
119	AASHTO-VBD	12.2985	3.9603	-10.3187	-17.0874	-6.0566	5.1183	-26.3743	6.4905
119	AASHTO-I	8.8277	5.4604	-3.3547	0.3583	7.3642	-0.1367	-8.1546	-4.2139
120	AASHTO-VBD	11.5133	3.9722	-8.5641	-19.6244	-8.8645	3.7115	-25.0819	5.5123
120	AASHTO-I	7.9031	5.5514	-1.0390	-0.6082	10.4967	0.7641	-10.0548	-1.3534
121	AASHTO-VBD	11.1981	3.6777	-2.2754	-20.6526	-1.4401	1.9459	-25.1837	1.8005
121	AASHTO-I	7.5158	10.1069	1.8178	-1.0017	10.7358	1.5390	-10.1873	1.7411
122	AASHTO-VBD	11.2329	3.2977	1.4710	-20.3070	-2.5748	0.2699	-26.5293	-0.8736
122	AASHTO-I	7.3152	10.2143	3.8352	-0.8497	9.1528	2.6817	-8.7675	4.4819
123	AASHTO-VBC	13.6790	4.8208	4.8718	-11.3182	-1.9624	2.1472	-23.2247	-5.5898
123	AASHTO-I	11.0548	10.6605	7.5251	2.5207	5.4798	6.3402	-4.1131	6.4777
124	AASHTO-I	18.0363	5.4551	5.3180	11.1399	-7.2096	6.3095	-4.7915	-1.9073
124	AASHTO-VBD	26.7780	-2.9287	9.2572	-7.8896	-8.5229	3.2868	-47.3660	-8.6797
125	AASHTO-I	19.8875	5.5239	-4.8928	11.2284	-6.6189	-2.7402	-2.8126	-1.2123
125	AASHTO-VBC	23.8298	-0.9775	-8.5202	-1.1040	-8.1830	-1.5475	-37.4108	4.7123
126	AASHTO-VBD	16.5483	4.1459	-6.8882	-15.1271	-2.1246	-1.2226	-33.9760	7.2671
126	AASHTO-VBA	14.2345	6.2595	-11.0075	-5.3348	3.8254	-2.8102	-21.5867	-0.5759
127	AASHTO-VBD	11.2981	3.4144	-2.9551	-19.5053	-1.5235	0.5028	-26.5067	1.3736

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (ton/m/m)	Membrane Force Fyy (ton/m/m)	In-Plane Shear Fxy (ton/m/m)	Moment Mxx (ton-m-m/m)	Moment Myy (ton-m-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (ton/m/m)	Shear Qy (ton/m/m)
127	AASHTO-I	7.1296	10.5311	-3.4662	2.3650	9.3401	0.7532	-5.4505	-9.5127
128	AASHTO-VBD	11.2574	3.3740	0.9371	-19.6735	-0.9442	-1.0343	-24.2920	-1.2153
128	AASHTO-I	7.2809	10.6533	-1.3184	5.8809	13.6465	2.6099	-6.2217	-9.2542
129	AASHTO-VBD	11.5765	3.2239	5.2678	-16.4832	-0.8244	-2.7779	-23.4082	-2.5794
129	AASHTO-I	7.8185	10.3467	1.2234	5.5349	14.6833	3.1789	-4.5778	-2.3455
130	AASHTO-VBD	12.3612	2.8297	8.9659	-15.9552	-1.2925	-4.2627	-23.6040	-4.8957
130	AASHTO-I	8.2949	9.4734	3.3702	7.8633	13.2145	4.8142	-0.5059	1.7743
131	AASHTO-VBC	15.8592	2.0673	9.3837	-3.9390	-2.0959	0.3154	-14.4175	-3.5141
131	AASHTO-I	13.1065	8.5511	7.0292	13.0271	6.3600	6.7402	9.0792	6.2236
132	AASHTO-VBA	26.5899	-2.8198	7.2323	11.8430	-7.0625	4.0506	-12.8158	-7.0430
132	AASHTO-VBD	29.4299	-4.8159	13.1597	1.9757	-1.8591	-1.4864	-40.9102	-12.8341
133	AASHTO-I	31.3294	0.5401	-17.4274	16.1124	-12.4695	-12.8036	11.5566	-35.9009
133	AASHTO-VBC	36.2720	3.2623	-27.3575	28.9439	16.4552	-17.8597	-47.1169	22.0862
134	AASHTO-I	6.4564	2.5809	-6.3725	-0.8511	2.8242	-2.7959	0.8483	-14.1181
134	AASHTO-VBA	6.9774	3.6182	-11.3002	-2.9959	9.5734	-1.9957	-11.7006	4.1780
135	AASHTO-VBD	10.1139	-2.9823	-10.2853	-5.4961	0.9881	2.4772	-16.1260	6.0950
135	AASHTO-I	7.3782	2.9577	-4.3532	2.3518	8.7868	-1.2936	-2.7369	-7.3621
136	AASHTO-VBD	7.5805	-3.3745	-6.0904	-8.4173	0.2262	2.4127	-16.7788	5.4761
136	AASHTO-I	5.3248	3.4770	-1.5184	2.0238	12.0367	0.1458	-4.8397	-2.2715
137	AASHTO-VBD	7.3131	-4.1346	-1.8510	-9.2570	-0.6545	2.0522	-17.0284	1.7149
137	AASHTO-I	5.0019	3.7839	1.3307	1.6748	12.2960	1.3578	-4.8950	2.4873
138	AASHTO-VBD	9.2993	-4.8457	2.0941	-8.0827	-1.7028	1.9823	-16.8757	-2.4670
138	AASHTO-I	6.3428	3.9637	3.9034	1.1937	9.7786	2.9670	-3.0400	7.3458
139	AASHTO-VBC	6.4045	-3.1225	5.0223	-6.9622	-3.1070	1.8800	-10.8131	1.8514
139	AASHTO-I	4.4251	4.5403	5.3024	-3.5999	5.4830	5.2053	-1.5746	13.0827
140	AASHTO-VBA-B	20.4395	-2.1192	7.1773	7.8810	-13.2147	7.7870	6.5662	28.9851
140	AASHTO-VBD	36.5493	-6.7612	17.8282	23.1648	0.8145	14.0324	-53.3105	-13.0560
141	AASHTO-I	28.8383	3.8409	-15.0086	15.0016	-14.2637	-11.2725	21.1586	-46.4748
141	AASHTO-VBC	34.5089	1.5043	-21.8879	23.2859	10.3552	-16.4206	-56.2923	10.3495
142	AASHTO-VBD	6.8700	-3.8827	-5.8803	-8.8817	0.7658	-0.4839	-17.9144	7.4254
142	AASHTO-VBA	5.2045	2.2546	-7.5956	-6.2073	6.4674	-1.2024	-11.4474	-2.2965
143	AASHTO-VBD	9.1904	-4.5507	-3.1319	-7.4784	-0.5663	-0.7063	-16.8211	1.8524
143	AASHTO-I	6.2103	4.2603	-0.6850	2.9620	10.7329	1.0178	-0.9649	-11.5788
144	AASHTO-VBD	7.2966	-4.3682	0.9182	-8.6945	-0.1948	-1.0292	-16.3200	-0.5983

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (ton/m/m)	Membrane Force Fyy (ton/m/m)	In-Plane Shear Fxy (ton/m/m)	Moment Mxx (ton-m-m/m)	Moment Myy (ton-m-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (ton/m/m)	Shear Qy (ton/m/m)
144	AASHTO-I	4.8484	4.2209	-1.1988	4.3581	15.1389	2.6194	-1.7671	-5.9117
145	AASHTO-VBD	7.6098	-4.0741	5.1653	-7.9504	-0.0675	-1.4044	-15.6049	-1.9420
145	AASHTO-I	5.1529	4.0450	1.5459	5.3698	16.1539	4.3334	-0.5147	0.1367
146	AASHTO-VBD	10.2805	-5.8492	9.3394	-5.2555	-0.4341	-1.5720	-14.5736	-3.9303
146	AASHTO-I	7.1812	3.6258	4.2528	5.7742	15.9506	5.1426	3.2115	7.0417
147	AASHTO-VBC	8.3368	-3.7219	8.1430	-3.3841	-3.4131	1.0591	-4.7713	3.6317
147	AASHTO-I	6.3180	3.2717	6.1264	1.3064	7.8296	8.8760	7.2622	16.6802
148	AASHTO-VBA	36.4243	-6.2307	18.3660	22.6387	-16.7477	13.6097	1.2223	31.0650
148	AASHTO-VBD	40.0636	-4.9445	26.4558	28.8282	1.7418	11.8012	-45.3969	-13.4244
149	AASHTO-I	-11.3108	-2.4180	-17.3517	-26.1256	-17.2369	-15.8147	-50.9629	-46.7049
149	AASHTO-VBC	-13.7524	0.2195	-20.5198	-17.6374	11.1408	-10.6747	-20.8259	8.2964
150	AASHTO-I	8.5734	-3.8268	-7.2224	1.9869	0.4895	-1.7067	-1.3310	-21.8373
150	AASHTO-VBA	9.3884	-5.7924	-10.1570	3.7036	7.8039	-1.7439	-1.9705	-5.9576
151	AASHTO-VBD	4.9355	-10.9662	-8.9171	-0.4690	2.1356	0.3481	-6.9462	3.4545
151	AASHTO-VBA	4.0703	-5.2442	-7.1479	1.0099	10.1351	-1.1589	-3.9665	-0.9642
152	AASHTO-VBD	3.8090	-13.1182	-4.8189	-1.8409	1.3860	1.3701	-8.3099	2.8724
152	AASHTO-I	2.7619	-4.0796	-1.5664	2.3765	13.5826	-0.1471	-0.9524	-3.2667
153	AASHTO-VBD	3.7275	-14.5000	-1.0398	-2.3263	0.5719	2.0808	-6.7312	3.3960
153	AASHTO-I	2.5863	-4.0679	1.0757	2.1386	13.7662	1.2799	-0.9915	3.4425
154	AASHTO-VBD	4.5189	-15.0592	2.7564	-1.9973	-0.9051	2.7150	-8.2379	1.9035
154	AASHTO-I	3.0795	-3.5596	5.9828	0.7647	10.2789	2.2400	-0.1962	10.6896
155	AASHTO-VBC	9.7871	-12.4738	5.2542	1.7994	-8.3417	3.9041	-7.8367	8.5471
155	AASHTO-I	7.5770	-3.8309	5.6159	-0.2270	2.7305	1.2882	0.2563	21.1078
156	AASHTO-VBA	-14.9048	-11.7237	17.8588	-30.7337	-16.8353	20.2961	-50.8231	33.7230
156	AASHTO-VBD	-16.0717	-15.9226	18.9574	-23.6172	-8.0993	17.4237	-26.8289	-6.3464
157	AASHTO-I	-12.9495	-2.5989	-14.3637	-30.4434	-19.5798	-10.9767	-81.4457	-53.9998
157	AASHTO-VBC	-14.6860	-5.9837	-15.5843	-22.3674	4.4105	-6.4164	-29.6717	-1.2306
158	AASHTO-VBD	10.2111	-15.5325	-6.2498	2.0776	-1.2859	-2.1443	-7.1208	-0.8370
158	AASHTO-VBA	8.5117	-7.8796	-6.6183	1.3333	5.9550	0.8174	-2.2986	-10.5073
159	AASHTO-VBD	4.3598	-14.8133	-3.2371	-1.7079	0.2596	-1.7952	-7.7208	-0.4414
159	AASHTO-I	3.0291	-3.3103	-3.5565	1.5353	11.2545	1.7667	0.6251	-13.7320
160	AASHTO-VBD	3.6819	-14.7306	0.5475	-2.0991	0.9688	-1.0913	-8.3418	-0.7671
160	AASHTO-I	2.5174	-5.7392	-1.0394	3.2991	16.5764	2.6703	0.9510	-5.2702
161	AASHTO-VBD	3.9211	-15.7448	4.3397	-1.7590	1.1075	-0.4413	-7.7765	-0.5686

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
161	AASHTO-I	2.6824	-5.7027	1.5231	3.6434	17.5440	4.3855	1.7854	2.8270
162	AASHTO-VBD	5.1166	-11.8972	5.4772	-0.6633	0.4428	0.3870	-6.4300	-0.9475
162	AASHTO-I	3.5892	-9.1383	4.3647	2.5160	13.9477	5.4987	3.4060	12.3382
163	AASHTO-VBC	10.8824	-10.2417	9.6150	2.0064	-5.6095	2.9528	-4.9615	12.0623
163	AASHTO-I	8.4873	-9.4753	7.0239	1.0141	5.0131	4.5996	4.2363	26.2191
164	AASHTO-VBA	-13.1899	-9.0632	22.7104	-29.4791	-22.5827	20.9054	-52.5409	43.3167
164	AASHTO-VBD	-15.0625	-7.8239	25.7995	-20.9013	-2.7189	16.2007	-25.3552	0.4778
165	AASHTO-I	-2.2518	2.8880	-4.3245	-3.8771	-4.9805	-1.4299	-13.4368	-14.3749
165	AASHTO-VBC	-2.8220	2.8810	-5.7350	-2.8748	5.7099	-2.2729	-7.3764	-9.9677
166	AASHTO-I	0.8407	-7.0624	-8.0192	-1.1654	-0.0709	-2.4066	-5.4875	-23.4430
166	AASHTO-VBA	1.0576	-8.8553	-7.2505	0.2108	5.7468	-2.8589	-2.5140	-15.6010
167	AASHTO-VBD	2.2298	-22.7308	-4.0492	1.1485	2.3953	-0.3637	-1.0463	-0.9131
167	AASHTO-VBA	1.8429	-16.1418	-3.1723	1.4865	10.1480	-0.8857	0.1415	-8.7944
168	AASHTO-VBD	0.6788	-27.8851	-1.8754	0.2458	2.1361	0.5810	-1.8953	2.6882
168	AASHTO-I	0.4779	-15.1875	-0.6522	1.2060	14.0847	-0.1616	0.6913	-4.7187
169	AASHTO-VBD	0.6328	-29.9106	-0.3685	0.1030	1.0874	1.2295	-1.8502	5.8883
169	AASHTO-I	0.4310	-15.3668	0.4062	1.1367	14.2040	0.6857	0.8246	5.5030
170	AASHTO-VBD	2.2058	-28.9122	1.7207	0.7652	-0.7813	1.9696	-1.8705	8.8734
170	AASHTO-I	1.5900	-13.4824	1.8643	1.5748	9.5823	1.0520	0.6339	15.8613
171	AASHTO-VBC	0.6537	-18.9008	0.0453	-1.1688	-5.7138	4.4260	-5.0859	15.1071
171	AASHTO4-S	0.3330	-4.5801	3.1127	-1.1350	-0.2391	0.0136	-4.5685	17.8933
172	AASHTO-I	-2.5299	-8.7726	2.9362	-4.0646	-8.1224	1.0347	-14.6336	14.4873
172	AASHTO-VBD	-3.1815	-13.9060	3.5288	-4.5241	-0.2588	2.5646	-10.4881	6.5852
173	AASHTO-I	-2.5358	-8.7089	-2.8683	-4.4318	-7.5396	1.2239	-15.4699	-8.5825
173	AASHTO-VBD	-3.0809	-14.2060	-3.6891	-4.2709	-0.1953	-2.1010	-9.9121	-6.6991
174	AASHTO-VBD	0.8877	-23.9557	-0.2395	-0.3099	-1.5650	-3.4020	-3.0108	-9.7155
174	AASHTO-VBA-S	0.4849	-8.5672	-3.4032	-0.6203	1.0848	0.2560	-3.3897	-12.7086
175	AASHTO-VBD	2.0936	-28.9533	-1.7694	0.7671	0.3662	-1.3091	-1.9869	-6.2256
175	AASHTO-I	1.5786	-13.2510	-1.8369	1.3061	10.5369	1.1374	0.6818	-13.1174
176	AASHTO-VBD	0.6241	-30.1868	0.2299	0.1555	1.4583	-0.8587	-1.7679	-2.8196
176	AASHTO-I	0.4153	-15.1228	-0.4086	1.3707	16.9100	1.8686	1.2801	-1.8830
177	AASHTO-VBD	0.6882	-26.4381	1.7368	0.2350	1.5556	-0.0535	-1.5803	0.4611
177	AASHTO-I	0.4629	-14.9343	0.8201	1.4626	17.8558	2.5252	1.5427	9.7918
178	AASHTO-VBC	2.2158	-19.4001	3.1550	1.0463	0.2994	1.7391	-0.8215	12.3427

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
178	AASHTO-I	1.8089	-12.5466	2.2225	1.3764	13.0573	2.3028	1.7182	22.1405
179	AASHTO-VBC	0.8211	-11.8657	7.8358	-1.0572	-4.7709	3.8330	-4.7623	16.5150
179	AASHTO-I	0.8371	-7.0426	5.9132	-1.2155	1.6750	3.4081	-5.1454	33.1181
180	AASHTO-I	-2.2045	2.7483	4.2628	-3.7298	-7.9050	2.8454	-14.5185	22.4858
180	AASHTO-VBD	-3.0589	0.8794	6.8552	-3.8292	1.5043	2.1182	-9.2577	7.2480
181	AASHTO-VBA	3.9406	-8.4367	-0.8830	2.9616	-25.3928	-9.3417	3.5096	10.8842
181	AASHTO-S-S	1.9998	-3.9133	-0.4596	1.4312	-13.9902	-5.5298	2.8310	7.0674
182	AASHTO-I	-1.7896	-1.2988	-3.2655	-4.5631	-6.3981	-7.4683	5.1744	-5.7363
182	AASHTO-S-S	-1.0943	-0.9142	-2.0407	-3.8676	-3.6021	-4.4583	2.8806	-3.2491
183	AASHTO-I	15.8139	5.3525	-9.3994	-0.6256	-35.1883	-30.1467	53.3967	-101.3569
183	AASHTO-VBA-S	11.1361	5.8601	-7.8904	0.0234	-15.7703	-23.6930	34.0969	-67.8732
184	AASHTO-I	-6.3788	2.5819	0.2486	-19.8204	-3.7347	-6.8310	-24.4582	-20.1440
184	AASHTO-VBA-S	-6.4298	2.1928	0.2011	-13.7056	-1.1132	-5.6567	-16.3261	-10.3591
185	AASHTO-I	-34.4343	6.1230	-5.3256	-54.1451	-41.9629	-21.7095	-206.9805	-123.6281
185	AASHTO-VBA-S	-23.2522	6.2811	-0.2980	-36.1234	-19.8694	-7.3382	-139.7340	-71.0867
186	AASHTO-I	-1.5328	0.6741	3.8298	0.8544	-6.8872	-0.3876	-61.2876	-27.0104
186	AASHTO-VBA-S	-1.0094	1.0430	3.5662	-1.7254	-2.3531	1.0170	-31.5812	-14.4167
187	AASHTO-VBA	-27.1607	9.0723	10.9425	20.1864	-15.3748	-2.9798	-131.4767	-19.2334
187	AASHTO4-S	-13.5249	6.7091	5.7954	19.1767	-8.3950	-2.2675	-67.7950	-12.0293
188	AASHTO-VBB	1.0359	1.7457	6.3325	34.1094	-7.1006	-1.8895	-100.1415	-20.8455
189	AASHTO-S-S	0.2311	0.8370	3.0809	17.7215	-3.6556	-0.2681	-57.7021	-11.9718
189	AASHTO-VBA-S	-13.4389	1.7026	6.3398	51.1590	-0.6391	-0.9196	-77.2486	-4.4534
189	AASHTO-I	-21.0022	5.8909	10.7290	80.4903	1.9610	-2.1064	-128.8681	-7.7045
190	AASHTO-S-S	4.5019	3.0741	9.0427	44.0241	1.7522	0.5395	-63.8061	-3.8297
190	AASHTO-VBD	7.3819	0.0650	11.1540	59.1313	4.0297	-0.4865	-98.7342	-5.1721
191	AASHTO-VBA	23.3410	0.5383	-1.9744	6.0820	-8.2013	-1.8040	-15.7788	-4.8163
191	AASHTO-S-S	11.8826	2.8018	-2.9093	20.9574	-3.5501	0.6555	9.4841	-3.4184
192	AASHTO-VBB	6.4252	0.0241	3.6762	-2.1559	-4.4193	-0.8112	-16.6857	-3.1615
192	AASHTO4-S	9.2706	1.3946	-2.0996	22.0907	-1.7707	0.7611	18.3204	-2.4302
193	AASHTO-VBA	26.5188	-6.6796	-2.3679	15.6098	-7.5791	-4.2457	-12.4520	0.7348
193	AASHTO-VBD	28.7388	-7.0793	2.8145	5.3519	-1.4617	-5.4741	-39.3408	3.0459
194	AASHTO-I	10.1598	0.3045	-2.2013	19.4806	-0.9422	-0.8485	30.9119	-5.3068
194	AASHTO-VBD	6.5306	-0.4691	0.2118	5.1317	2.1841	-3.5514	-25.0013	2.6180
195	AASHTO-I	30.3491	0.4460	-10.6513	17.9348	-15.0596	-7.5509	44.2528	-46.0618

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
195	AASHTO-WSD	57.2950	-1.6665	-10.2869	30.9969	7.4019	-17.5037	-44.2628	11.6782
196	AASHTO-I	4.7519	0.9952	0.2470	2.7259	-0.7255	1.5200	24.8228	-8.3290
196	AASHTO-WSC	3.7562	1.0463	0.4198	1.3411	2.3606	-0.7831	-3.7292	2.2258
197	AASHTO-I	-11.0050	-0.8546	-9.8749	-26.9042	-20.1857	-4.4521	-59.3128	-53.1377
197	AASHTO-WSD	-15.8751	-2.8969	-10.0828	-18.7171	1.8404	-13.5023	-22.5315	0.9330
198	AASHTO-I	7.3493	-1.2715	-6.5159	-0.0420	-3.2598	4.6665	14.4070	-13.1341
198	AASHTO-WSD	8.4522	-2.0401	0.0743	7.1515	-0.1290	-0.7025	-0.4718	-0.9835
199	AASHTO-I	-2.2092	5.3226	-1.0758	-4.1859	-8.7813	5.8328	-14.8916	8.0190
199	AASHTO-WSD	-3.1586	5.8099	-0.7928	-3.1261	1.4702	-1.7985	-7.9639	-7.7511
200	AASHTO-I	1.4136	1.0295	-2.4210	-1.8423	4.0144	1.3045	-2.2567	-5.0092
200	AASHTO-WSD	1.7000	1.1779	-3.0453	1.5329	-0.3450	-1.8299	0.2996	-4.8668

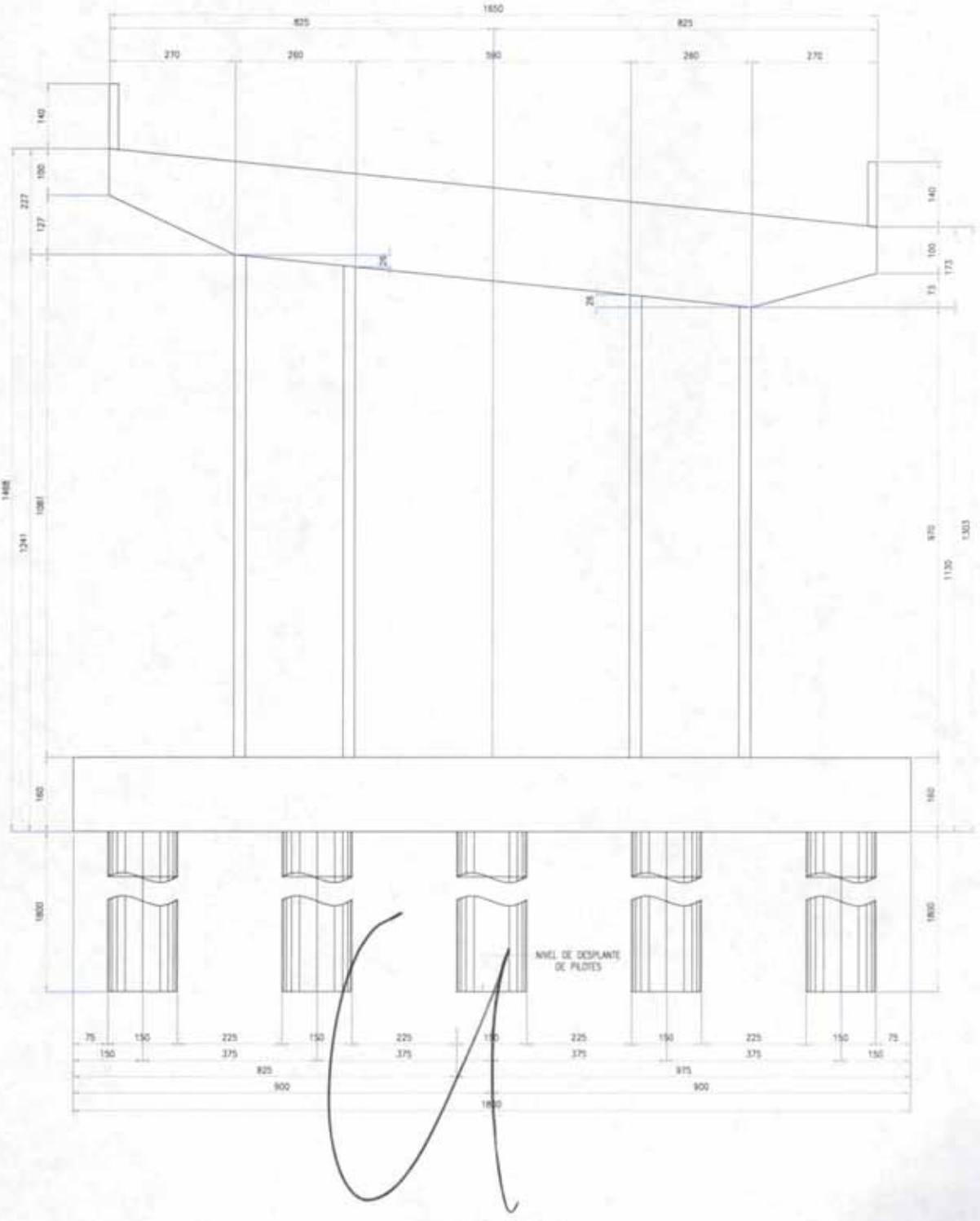
DISEÑO DE PILA INTERMEDIA TRAMO CURVO

EJE 90

DISTRIBUIDOR JT

1. Geometría de la pila

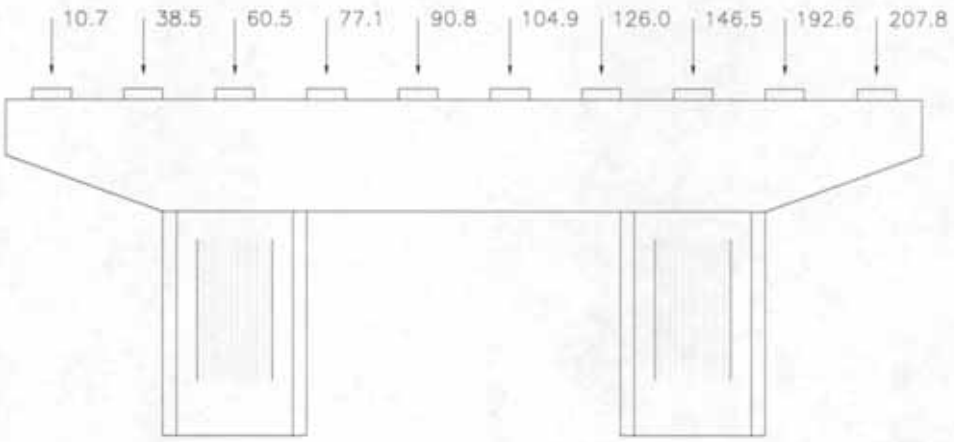
Se propone la siguiente pila, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre la pila

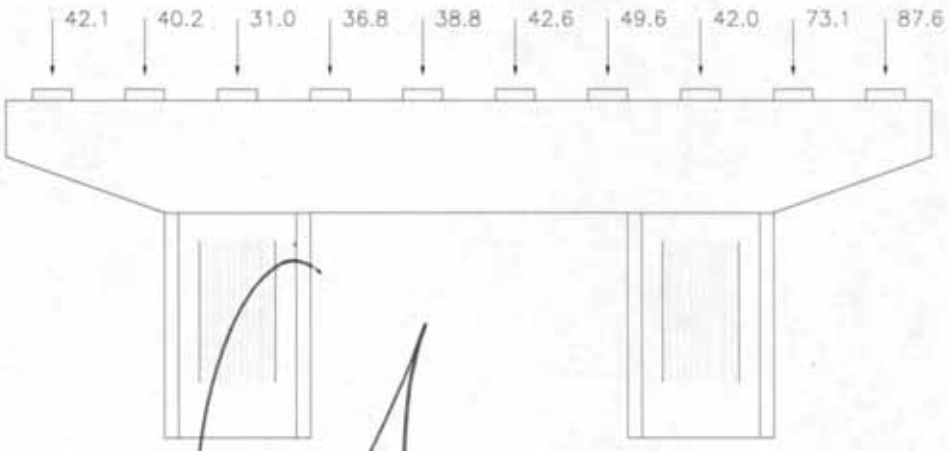
2.1 Cargas muertas

La carga muerta proveniente de la superestructura es igual a:



2.2 Cargas Vivas

La carga viva que se aplicó al modelo se muestra en el siguiente diagrama:



Estas cargas se deberán de aumentar en un 30% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 484 Ton × 0.05 = 24.2 Ton

Esta fuerza se aplica a una altura igual a 4.64 m por encima del nivel de la corona.

2.4 Fuerzas Centrífugas

De acuerdo al inciso 3.10 del reglamento del AASHTO, se deberá aplicar radialmente un porcentaje de la carga viva a una altura de 1.8 m por encima de la rasante:

$C = \frac{6.68 \times S^2}{R}$; donde:

S = Velocidad en mph = 60 kmh = 37.5 mph

R = Radio de la curva = 64.05 m = 210.1 ft

Substituyendo se obtiene que:

$C = \frac{6.68 \times 37.5^2}{210.1} = 44.7\ \%$

Sin embargo se puede disminuir el porcentaje de sobrelevación mínima del tramo, igual a 3.5%

C = 44.7 – 3.5 = 41.2%

Por lo que la fuerza centrífuga es igual a:

CF = 0.412 × 484 Ton = 199.2 Ton

Esta fuerza se aplica a una altura igual a 4.64 m por encima del nivel de la corona.

2.5 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 40 × 3.28 = 47.2 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 40 × 3.28 = 11.4 Ton

Esta fuerza se aplica a una altura igual a 2.04 m por encima del nivel de la corona.

2.6 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, se puede estimar el viento actuando en la carga viva:

$$W_{transversal} = 100 \text{ lb/ft} \times \left(\frac{194}{160}\right)^2 = 147 \text{ lb/ft}$$

$$W_{longitudinal} = 40 \text{ lb/ft} \times \left(\frac{194}{160}\right)^2 = 59 \text{ lb/ft}$$

Por el viento transversal:

$P_{trans} = 0.22 \text{ Ton/m} \times 40 \text{ m} = 8.8 \text{ Ton}$

Por el viento longitudinal:

$P_{long} = 0.09 \text{ Ton/m} \times 40 \text{ m} = 3.6 \text{ Ton}$

Esta fuerza se aplica a una altura igual a 4.64 m por encima del nivel de la ménsula.

2.7 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y período de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S\ trans = 1.5 \times 0.3 \times \left(\frac{1056}{4} + \frac{232.1}{4} \right) = 144.9\ Ton$$

$$S\ long = 1.5 \times 0.3 \times \left(\frac{1054}{4} + \frac{232.1}{2} \right) = 171.0\ Ton$$

Esta fuerza se aplica a una altura igual a 1.15 m por encima del nivel del cabezal.

2.8 Combinaciones de carga

Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	1.3 (D + 1.67 L + CF)
AASHTO II	1.3 (D + W)
AASHTO III	1.3 (D + L + 0.3W + W_{LL} + LF + CF)
AASHTO VII-a	1.3 (D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-b	1.3 (D + 0.30EQ_{TR} + EQ_{LON})
AASHTO VII-c	1.3 (0.75D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-d	1.3 (0.75D + 0.30EQ_{TR} + EQ_{LON})

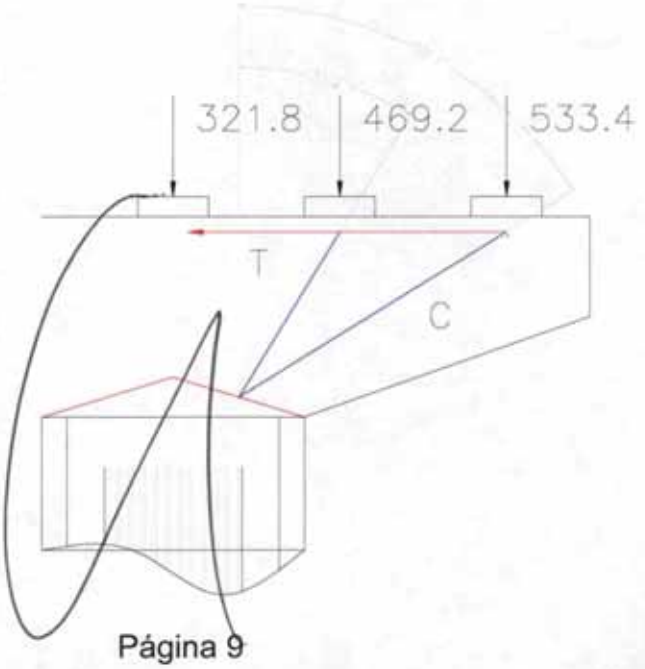
3. Diseño de cabezal

3.1 Sección Propuesta

Se propone la siguiente sección transversal para fines de diseño:

3.2 Diseño a flexión

Para analizar el cabezal se utilizará el método del strut and tie, por lo que la distribución de fuerzas en el cabezal queda de la siguiente manera:



Resolviendo la armadura se obtiene que las máximas fuerzas de tensión y compresión son:

C = 1009.4 Ton
T = 1141.1 Ton

El esfuerzo en el miembro C1 es igual

$$\sigma c = \frac{1009400}{40 \times 160} = 157.7 \text{ kg/cm2}$$

Por lo que usando concreto f'c= 350 kg/cm2, se obtiene que:

$\sigma c = 158 \text{ kg/cm2} = 0.45 f'c < 0.5f'c$

$\therefore$ La resistencia del concreto es adecuada

El área de acero requerida en la parte superior es igual a:

$$As = \frac{Tu}{\phi fy} = \frac{1141.1}{0.85 \times 4.2} = 320 \text{ cm2}$$

$\therefore$ Colocar 320 cm2 de acero de refuerzo en la parte superior por flexión

3.3 Diseño a cortante

La resistencia del concreto a cortante esta dada por la siguiente expresión:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{350} \times 160 \times (187.6 - 19.5) = 226.7 \text{ Ton}$$

El cortante último es igual a 1002.6 Ton, por lo que requerimiento de acero es igual a :

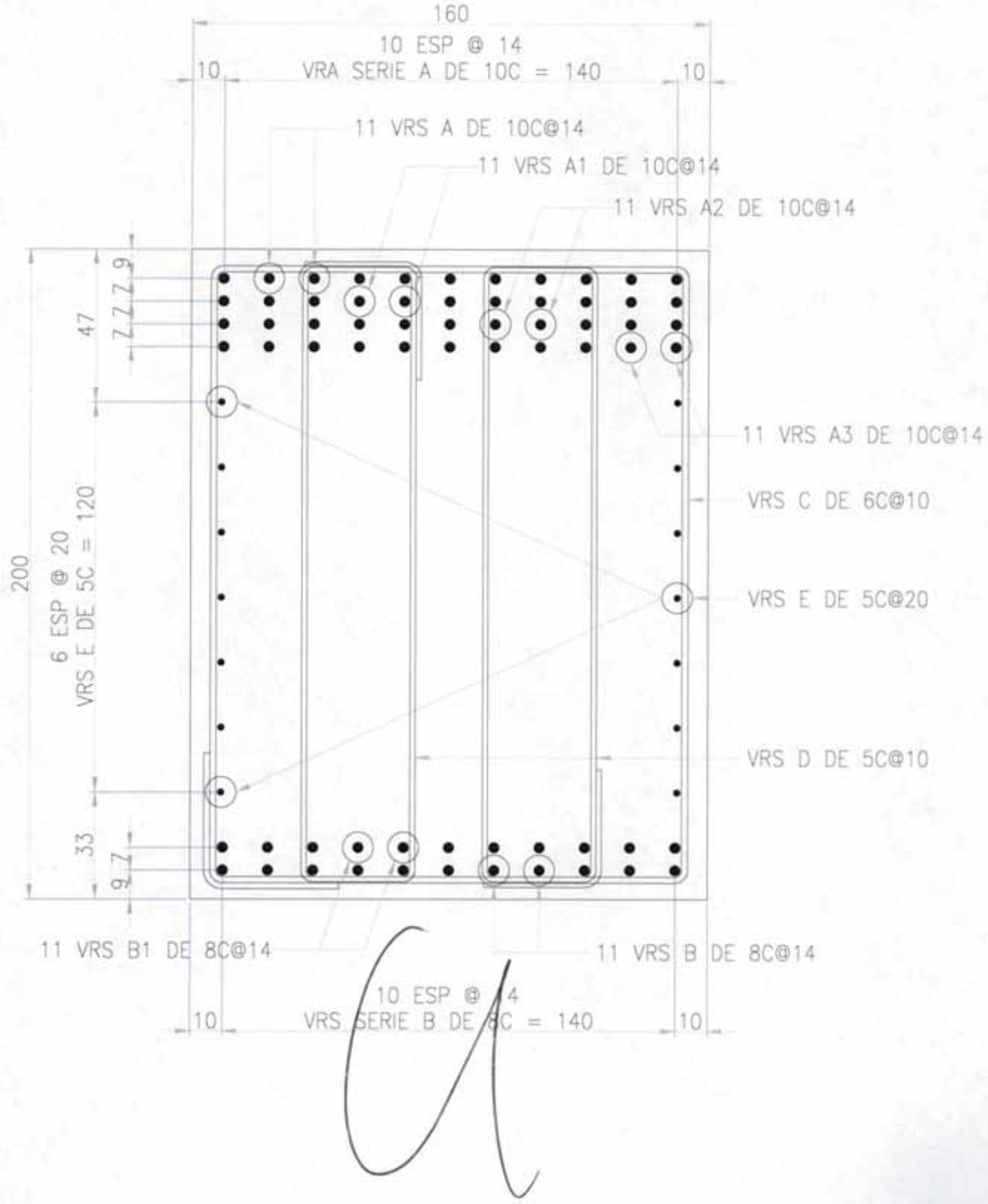
$$Vs = \frac{Vu - \phi Vc}{\phi} = \frac{1002.6 - 226.7}{0.85} = 912.8 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{912.8}{4.2 \times 168.1} = 1.293 \text{ cm2/cm}$$

∴ Colocar 1.3 cm2/cm de acero de refuerzo por cortante

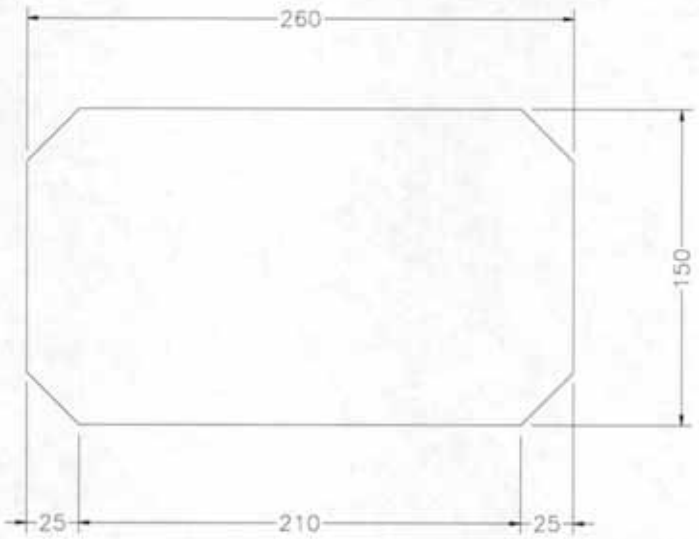
3.4 Croquis del Cabezal



4. Diseño de columnas

4.1 Sección propuesta

Se utilizará una columna de 260 x 150 cm hecha a base de concreto **f'c= 350 kg/cm2**. La sección transversal se muestra en el siguiente diagrama:



4.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga que se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Muy (Ton-m)*	*Muz (Ton-m)*
AASHTO I	2,403.46	0.00	1,023.17
AASHTO II	1,402.86	115.18	314.11
AASHTO III	2,098.39	374.16	1,151.52
AASHTO VII-A	1,509.42	488.51	796.35
AASHTO VII-B	1,393.85	1,628.38	294.01
AASHTO VII-C	1,173.34	488.51	776.67
AASHTO VII-D	1,057.77	1,628.38	274.33

4.3 Consideración de los efectos de esbeltez

4.3.1 Sentido transversal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden.

En la siguiente tabla se muestran los momentos amplificados en el sentido transversal:

Combinación	*Pu (Ton)*	*Muz (Ton-m)*	*βD*	*EI (kg-cm2)*	*K*	*ϕPcr (Ton)*	*δ*	*Mc (Ton-m)*
I	2,403.46	1,023.17	0.24	1.83E+13	1.20	66,456.23	1.04	1,061.56
II	1,402.86	314.11	0.78	1.27E+13	1.20	46,211.74	1.03	323.94
III	2,098.39	1,151.52	0.21	1.87E+13	1.20	67,925.56	1.03	1,188.23
VII-A	1,509.42	796.35	0.31	1.74E+13	1.20	62,975.26	1.02	815.90
VII-B	1,393.85	294.01	0.84	1.24E+13	1.20	44,863.26	1.03	303.43
VII-C	1,173.34	776.67	0.24	1.84E+13	1.20	66,610.91	1.02	790.60
VII-D	1,057.77	274.33	0.67	1.36E+13	1.20	49,270.67	1.02	280.35

4.3.2 Sentido longitudinal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden en el sentido longitudinal.

En la siguiente tabla se muestran los momentos amplificados en el sentido longitudinal:

Combinación	Pu (Ton)	Muy (Ton-m)	βD	EI (kg-cm2)	K	ϕPcr (Ton)	δ	Mc (Ton-m)
I	2,403.46	0.00	0.00	7.63E+12	2.10	6,558.94	1.58	-
II	1,402.86	115.18	0.00	7.63E+12	2.10	6,558.94	1.27	146.52
III	2,098.39	374.16	0.00	7.63E+12	2.10	6,558.94	1.47	550.17
VII-A	1,509.42	488.51	0.00	7.63E+12	2.10	6,558.94	1.30	634.54
VII-B	1,393.85	1,628.38	0.00	7.63E+12	2.10	6,558.94	1.27	2,067.81
VII-C	1,173.34	488.51	0.00	7.63E+12	2.10	6,558.94	1.22	594.95
VII-D	1,057.77	1,628.38	0.00	7.63E+12	2.10	6,558.94	1.19	1,941.49

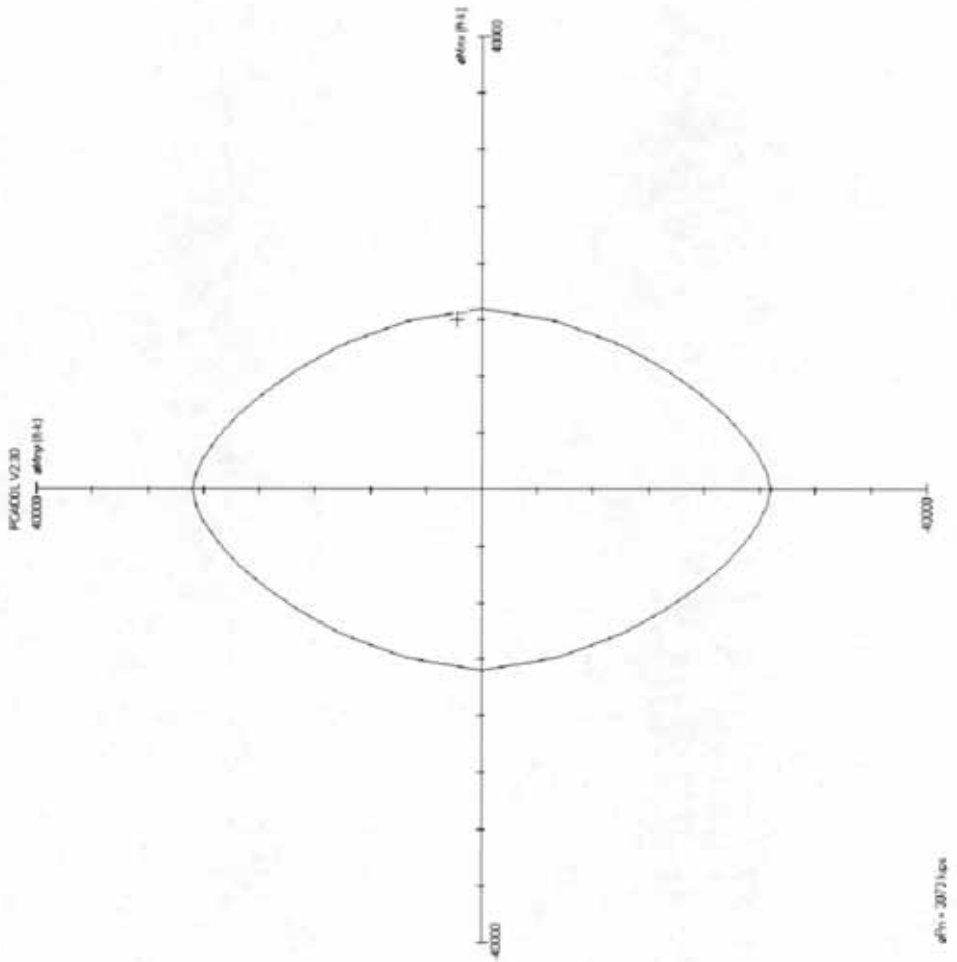
4.4 Elementos Mecánicos

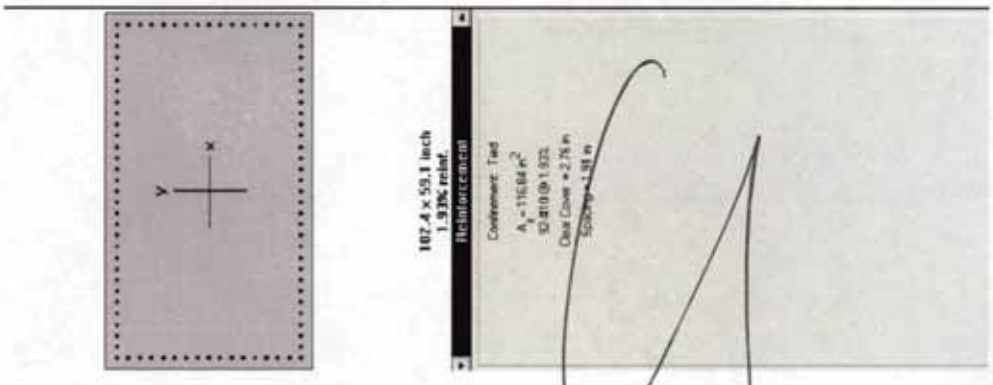
Los elementos mecánicos que se utilizarán en el diseño se muestran en la siguiente tabla. El momento resultante que se muestra a continuación es el que resulta de sumar vectorialmente los momentos amplificados transversales y longitudinales.

Combinación	Pu (Ton)	Mcy (Ton-m)	Mcz (Ton-m)
I	2,403.46	-	1,061.56
II	1,402.86	146.52	323.94
III	2,098.39	550.17	1,188.23
VII-A	1,509.42	634.54	815.90
VII-B	1,393.85	2,067.81	303.43
VII-C	1,173.34	594.95	790.60
VII-D	1,057.77	1,941.49	280.35

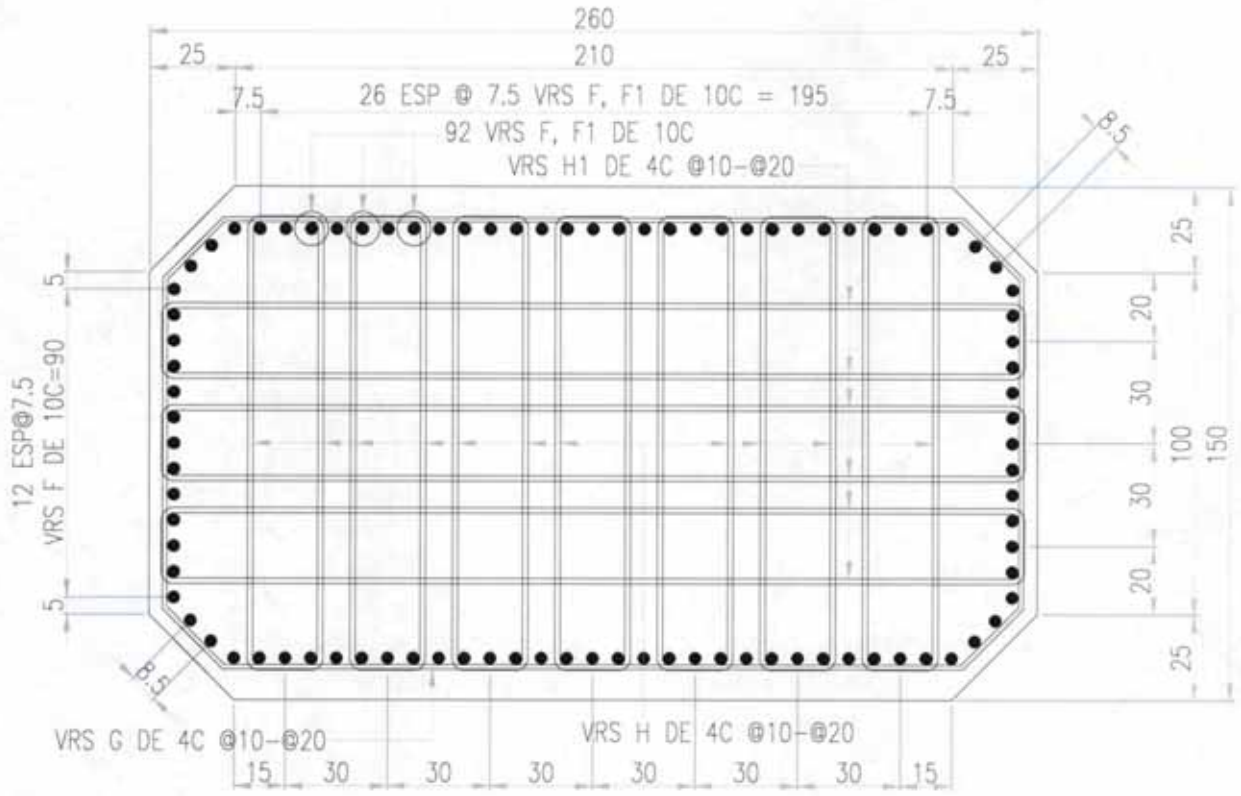
4.5 Diseño de la columna

A continuación se presenta el diagrama de interacción para una columna de **f'c= 350 kg/cm2** con 92 varillas del No. 10 y estribo del No. 4 a cada 20 cms. En este diagrama se puede apreciar que la columna es adecuada, para resistir las solicitaciones que se presentan.





4.6 Croquis de la columna



5. Diseño de zapata

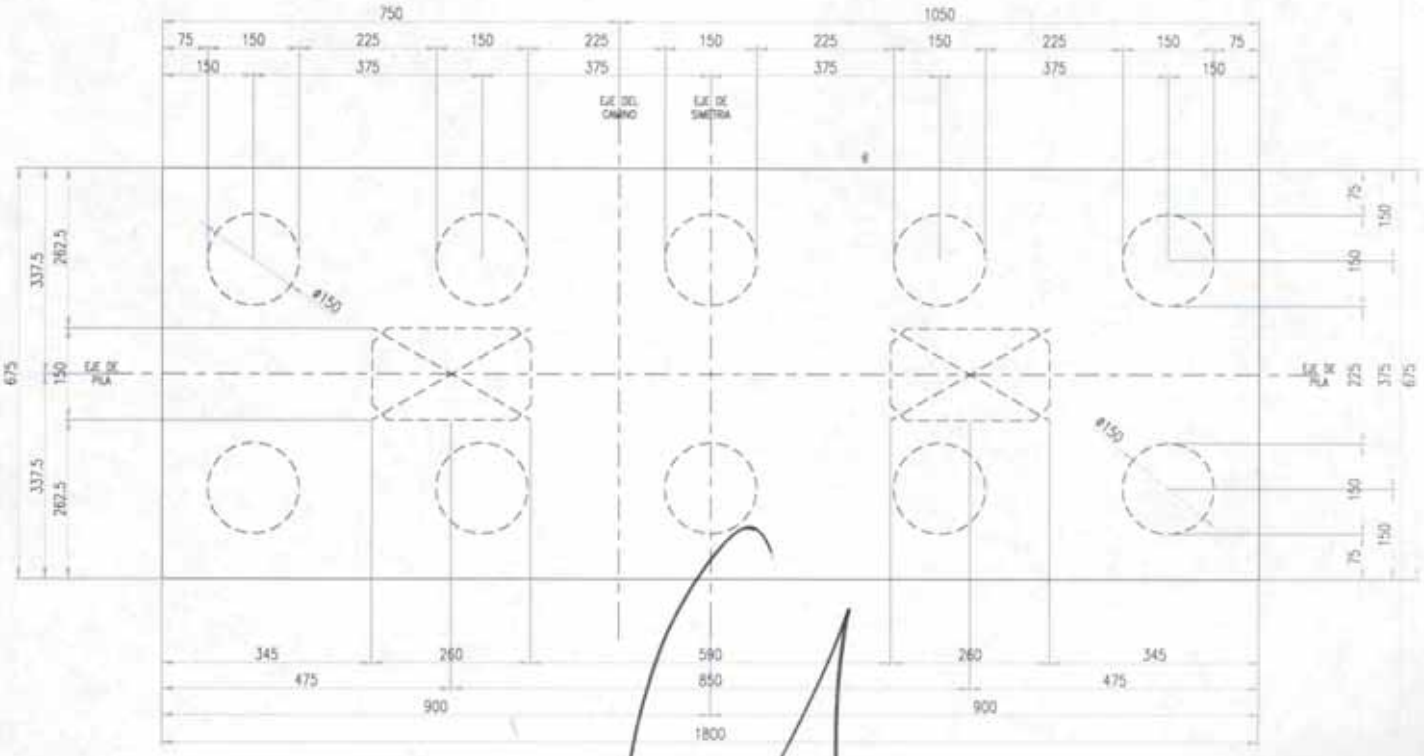
Se propone una zapata de 18 × 6.75 metros, desplantada sobre 10 pilotes de 1.50 m de diámetro.

5.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar cimentación por pilas de cimentación, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 550 Ton/pila.

5.2 Dimensiones de la zapata

Se propone utilizar una zapata con las siguientes dimensiones:



5.3 Cargas

Las cargas que se aplicarán son las correspondientes al punto 2 de esta memoria, trasladadas al nivel de desplante de la zapata.

5.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)	%
AASHTO I	2,315.90	199.20	0.00	3,912.29	3,451.10	100
AASHTO II	1,832.10	11.40	47.20	194.26	3,647.39	125
AASHTO III	2,315.90	230.42	22.96	4,516.56	3,865.22	125
AASHTO VII-A	1,832.10	51.30	144.90	828.50	5,183.24	133
AASHTO VII-B	1,832.10	171.00	43.47	2,761.65	3,545.14	133

La siguiente tabla se muestran las diferentes combinaciones de cargas últimas:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)
AASHTO I	3,684.14	258.96	0.00	5,085.97	5,332.79
AASHTO II	2,381.73	14.82	61.36	252.53	4,741.60
AASHTO III	3,161.62	299.55	29.85	5,871.52	5,214.48
AASHTO VII-A	2,381.73	66.69	188.37	1,077.04	6,738.21
AASHTO VII-B	2,381.73	222.30	56.51	3,590.15	4,608.68

5.5 Revisión de fuerzas en los pilotes

Debido a la geometría de la zapata, y la importante aportación de fuerzas horizontales, se realizó un análisis de elemento finito para obtener los elementos mecánicos actuando sobre los pilotes y la zapata.

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***	***Carga Admisible (Ton)***
AASHTO I	407.10	25.90	550.00
AASHTO II	280.00	67.00	687.50
AASHTO III	451.00	-15.90	687.50
AASHTO VII-A	359.50	-12.40	731.50
AASHTO VII-B	405.50	-49.40	731.50

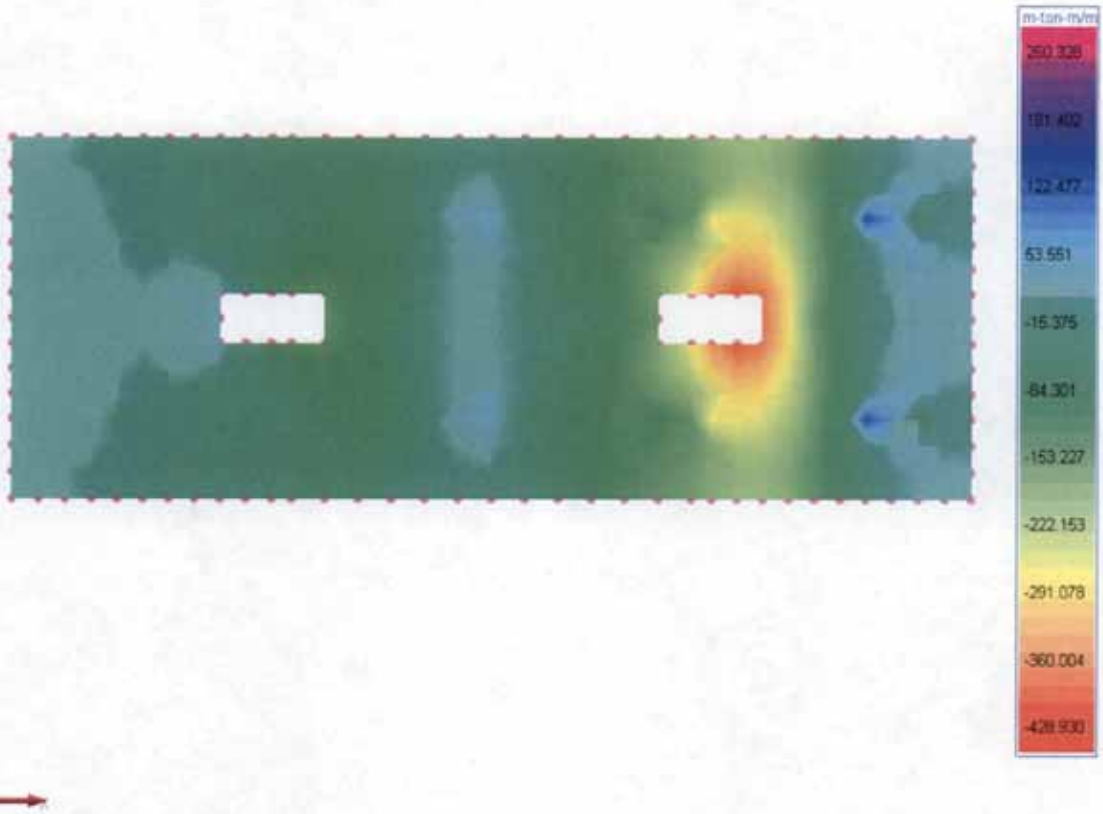
De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***
AASHTO I	609.70	69.60
AASHTO II	364.40	86.80
AASHTO III	606.40	-14.00
AASHTO VII-A	468.50	-17.20
AASHTO VII-B	529.00	-66.60

5.8 Diseño a flexión de la zapata

El momento último se obtuvo del análisis de elemento finito realizado, a la zapata.



El momento último es igual a:

Mu = Mux + Muxy = 429 Ton-m/m

El área de acero requerido por flexión esta dado por las siguientes ecuaciones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2} \right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 429 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 160 - 7 – 1.6 = 151.4 cm
b = 100 cm

Se obtiene que:

As req = 79.0 cm2 y a = 15.6 cm

El área de acero mínima es igual a:

As min = 28.8 cm2

El área de acero máxima es igual a:

As max = 0.019 × b × d = 2 cm2

∴ Utilizar varillas del No. 10 @ 10 cm en la parte inferior de la zapata.

5.9 Revisión a cortante

5.9.1 Revisión a corte por penetración

El esfuerzo cortante, en la conexión entre zapata y columna para cada combinación de carga, se muestra en la siguiente tabla:

COMBINACION	Pu	Mu Long	Mu Trans	σ corte por Pu	σ corte por Mu Long	σ corte por Mu Trans	SUMA	σ corte ultimo pemisible
	(Ton)	(Ton-m)	(Ton-m)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)
AASHTO I	2,403.46	0.00	1,023.17	11.18	-	1.58	12.76	14.78
AASHTO II	1,402.86	115.18	314.11	6.52	0.17	0.49	7.18	14.78
AASHTO III	2,098.39	374.16	1,151.52	9.76	0.56	1.78	12.10	14.78
AASHTO VII-A	1,509.42	488.51	796.35	7.02	0.73	1.23	8.98	14.78
AASHTO VII-B	1,393.85	1,628.38	294.01	6.48	2.43	0.45	9.36	14.78
AASHTO VII-C	1,173.34	488.51	776.67	5.46	0.73	1.20	7.38	14.78
AASHTO VII-D	1,057.77	1,628.38	274.33	4.92	2.43	0.42	7.77	14.78

De la tabla anterior, se observa que el esfuerzo cortante es menor que el permisible, para todas las combinaciones.

∴ La zapata es adecuada por corte en dos direcciones.

5.9.2 Revisión a corte en una dirección

El cortante último para media zapata, en la dirección corta se puede estimar como:

Vu = 610 + 576 +426 /2 = 1399Ton

La resistencia a cortante del concreto es igual a:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times (260 + 151) \times 151 = 442.1$ Ton

$\phi Vc = 442.1$

El requerimiento de acero es igual a:

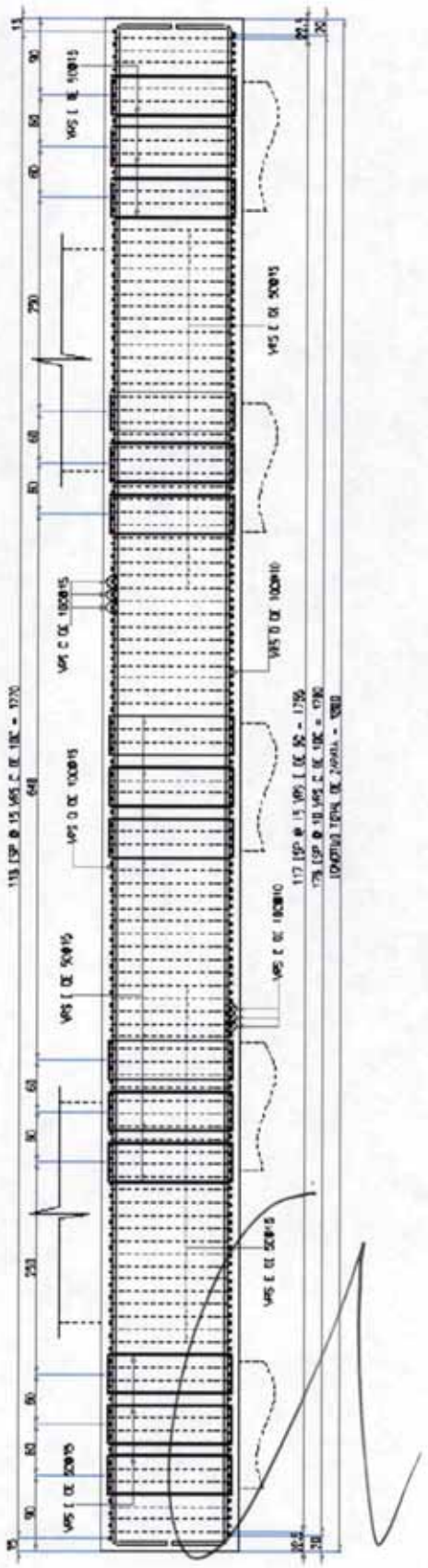
$$Vs = \frac{Vu - \phi Vc}{\phi} = 1126 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{1126}{4.2 \times 151} = 1.775 \text{ cm2/cm}$$

∴ Colocar 0.71 cm2/cm de acero de refuerzo por cortante en cada hilera de pilotes

5.10 Croquis de la zapata



CONSTRUCTORA MOYEDA SA DE CV

EJE 90 - ANALISIS PILA INTERMEDIA EN CURVA

Administrador
CONSTRUCTORA MOYEDA SA DE CV

MORONES PRIETO 1310 PTE
COL. PRO 4
MONTERREY, NL
MEXICO 64710
Tel: 818-345-3434

PROJECT SUMMARY

INPUT PROPERTIES	Count
Universal Restraints	None
Materials	2
Sections	3
User Coordinate System	None
Curves	None
Isolator Property	None
Loss Definitions	None

INPUT GEOMETRY	Count
Joints	1240
Members	130
Plates	760
Tendons	270
Isolator Bearings	None
Mass Elements	None
Trans. Masses	None
Tunnels	None

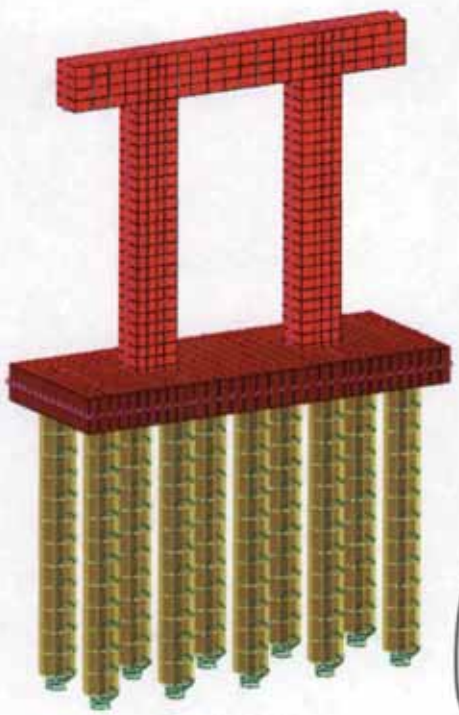
LOAD CASES	Count
Load Cases	8
Combination Cases	12
Construction Stages	None
Load Definitions	None

TABLE OF CONTENTS

INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 3	- RESULT : Reactions	Page 16
- INPUT : Sections	Page 3	- RESULT : Member End Forces (Local)	Page 52
- INPUT : Section Stress Points	Page 3	- RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)	Page 154
- INPUT : Section Dimensions	Page 3	- RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)	Page 182
- INPUT : More Material Properties	Page 5		
- STRUCTURE GROUP SUMMARY	Page 6		
- Load Cases	Page 9		

Graphics View 1

Zoom 1.250X



INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
FC=350KG/CM2	2,824,950.45	0.1600	1,197,212.94	2.4000	9.000000	Yes
FC=250KG/CM2	2,387,519.01	0.1600	1,011,660.57	2.4000	9.000000	Yes

INPUT : Sections

Name	Section Area (m²)	Shear Area in yy (m²)	Shear Area in zz (m²)	Torsion Constant (m^4)	Inertia Izz (m^4)	Inertia Iyy (m^4)	Plastic Modulus Zyy (m³)	Plastic Modulus Zzz (m³)	Perimeter (m)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
COLUMNA	3.8000	3.2500	3.2500	1.8673	2.1970	0.7313	0.0000	0.0000	8.2000	(NONE)	50.	0.	No
VIGA	3.2000	2.6667	2.6667	1.3604	1.0667	0.6827	0.0000	0.0000	7.2000	(NONE)	50.	0.	No
PILOTE-150	1.7671	1.5904	1.5904	0.4876	0.2485	0.2485	0.0000	0.0000	4.7124	(NONE)	50.	0.	Yes

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
COLUMNA	1.3000	0.7500	1.3000	-0.7500	-1.3000	-0.7500	-1.3000	0.7500	(none)	(none)	(none)	(none)
VIGA	1.0000	0.8000	1.0000	-0.8000	-1.0000	-0.8000	-1.0000	0.8000	(none)	(none)	(none)	(none)
PILOTE-150	0.0000	0.7500	0.7500	0.0000	0.0000	-0.7500	-0.7500	0.0000	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
COLUMNA	Rectangle	2.6000	1.5000				
VIGA	Rectangle	2.0000	1.6000				
PILOTE-150	Circle	1.5000					

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fy (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
FC=350KG/CM2	0.00	0.020	Cylinder	3,500.00	Normal	0.00	(NONE)	Yes
FC=250KG/CM2	0.00	0.020	Cylinder	2,500.00	Normal	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

ZAPATA-SIN-COLUMNAS

Joints

680	684	685	686	687	688	689	690	692	693
694	698	700	701	702	703	704	706	707	708
710	711	712	714	715	716	718	719	720	722
723	724	726	727	728	732	734	735	736	737
739	740	741	742	744	745	754	755	756	757
758	759	760	761	762	763	764	765	766	767
768	769	771	772	773	774	775	776	777	785
787	789	789	790	791	792	793	794	795	796
797	798	799	801	802	803	804	805	806	807
809	810	811	812	813	814	815	817	818	819
820	821	822	825	826	827	828	829	830	831
833	834	835	836	837	838	839	841	842	843
844	845	846	847	855	857	858	859	860	861
862	863	864	865	866	867	868	869	871	872
873	874	875	876	877	878	880	881	882	883
884	885	894	887	899	891	893	895	897	901
903	905	907	909	911	913	914	915	916	917
918	919	920	921	922	923	924	925	926	927
928	929	930	931	932	933	934	935	936	937
938	939	940	941	942	943	944	945	946	947
948	949	950	951	963	964	960	966	967	968
969	970	971	972	973	974	975	976	977	979
979	980	991	982	983	994	985	986	987	988
989	990	991	992	993	994	995	996	997	998
999	1000	1001	1002	1003	1004	1005	1006	1007	1008
1009	1010	1011	1012	1013	1014	1017	1018	1019	1020
1021	1022	1023	1024	1025	1026	1028	1029	1030	1031
1032	1033	1034	1035	1036	1037	1038	1039	1040	1041
1042	1043	1044	1045	1046	1047	1048	1049	1050	1051
1052	1053	1054	1055	1056	1057	1058	1059	1060	1061
1062	1063	1064	1065	1066	1078	1079	1080	1081	1082

1083	1084	1085	1086	1087	1088	1089	1090	1091	1092
1093	1094	1095	1096	1097	1098	1099	1100	1101	1102
1103	1104	1105	1106	1107	1108	1109	1110	1111	1112
1113	1114	1115	1116	1117	1118	1119	1120	1121	1122
1123	1124	1125	1126	1127	1128	1129	1130	1131	1132
1133	1134	1135	1136	1137	1138	1139	1140	1141	1142
1143	1144	1145	1146	1147	1148	1149	1150	1151	1152
1153	1154	1155	1156	1157	1158	1159	1160	1161	1162
1163	1164	1165	1166	1167	1168	1169	1170	1171	1172
1173	1174	1175	1176	1177	1178	1179	1180	1181	1182
1183	1184	1185	1186	1187	1188	1189	1190	1191	1192
1193	1194	1195	1196	1197	1198	1199	1200	1201	1202
1203	1204	1205	1206	1207	1208	1209	1210	1211	1212
1213	1214	1215	1216	1217	1218	1219	1220	1221	1222
1223	1224	1225	1226	1227	1228	1229	1230	1231	1232
1233	1234	1235	1236	1237	1238	1239	1240	1241	1242
1243	1246	1247	1248	1249	1250	1251	1252	1253	1254
1255	1256	1257	1258	1259	1260	1261	1262	1263	1264
1265	1266	1267	1268	1269	1270	1271	1272	1273	1274
1275	1276	1277	1278	1279	1280	1281	1282	1283	1284
1285	1286	1287	1288	1289	1290	1291			

Plates

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	92
93	94	95	96	99	100	101	102	103	104
105	106	107	108	109	110	111	112	113	114
115	116	117	118	119	120	121	122	123	124
125	126	127	128	129	130	131	132	133	134
135	136	137	138	139	140	141	142	143	144

145	146	149	150	151	152	153	154	155	156
157	158	159	160	161	162	163	164	165	166
167	168	169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184	185	186
187	188	189	190	191	192	193	194	195	196
197	198	199	200	201	202	203	204	205	206
207	208	209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224	225	229
229	229	230	231	232	233	234	235	236	237
240	241	242	243	244	245	246	247	248	249
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	268	267	269	269	270
271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	288	287	288	289	290
291	292	293	294	295	298	297	298	299	300
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	328	327	328	331	332
333	334	335	336	337	338	339	340	341	342
343	344	345	346	347	348	349	350	351	352
353	354	355	358	357	358	359	360	361	362
363	364	365	366	367	368	369	370	371	372
373	374	375	376	377	378	379	380	381	382
383	384	385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400	401	402
403	404	405	406	407	408	409	410	411	413
413	414	415	416	417	418	419	420	423	424
425	426	427	430	431	432	433	434	435	436
437	438	439	440	441	442	443	444	445	446
447	448	449	450	451	452	453	454	455	456
457	458	459	460	461	462	463	464	465	466
467	468	469	470	471	472	473	474	475	476

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinat	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loading	# of THA Initial
1	DL	Static	None	Active	0.0000	-1.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
2	LL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
3	CF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
4	LF	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
5	W	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
6	WerLL	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
7	EQ-T	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0
8	EQ-L	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	10	0	0	0	0	0	0	0

LOAD CASE DL Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	0.0000	-207.7500	0.0000	0.0000	0.0000	0.0000
1838	0.0000	-192.6400	0.0000	0.0000	0.0000	0.0000
9	0.0000	-146.4900	0.0000	0.0000	0.0000	0.0000
1822	0.0000	-125.9700	0.0000	0.0000	0.0000	0.0000
1790	0.0000	-104.8500	0.0000	0.0000	0.0000	0.0000
1640	0.0000	-90.7500	0.0000	0.0000	0.0000	0.0000
1627	0.0000	-77.1000	0.0000	0.0000	0.0000	0.0000
4	0.0000	-60.5400	0.0000	0.0000	0.0000	0.0000
1611	0.0000	-38.0000	0.0000	0.0000	0.0000	0.0000
1598	0.0000	-10.7300	0.0000	0.0000	0.0000	0.0000

LOAD CASE LL Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	0.0000	-87.3700	0.0000	0.0000	0.0000	0.0000
1838	0.0000	-75.0600	0.0000	0.0000	0.0000	0.0000
9	0.0000	-41.9600	0.0000	0.0000	0.0000	0.0000

LOAD CASE LL Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1822	0.0000	-49.6400	0.0000	0.0000	0.0000	0.0000
1790	0.0000	-42.6200	0.0000	0.0000	0.0000	0.0000
1640	0.0000	-36.7700	0.0000	0.0000	0.0000	0.0000
1627	0.0000	-30.7600	0.0000	0.0000	0.0000	0.0000
4	0.0000	-21.0300	0.0000	0.0000	0.0000	0.0000
1611	0.0000	-40.1700	0.0000	0.0000	0.0000	0.0000
1598	0.0000	-42.1300	0.0000	0.0000	0.0000	0.0000

LOAD CASE CF Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	39.2800	-6.5600	0.0000	0.0000	0.0000	0.0000
1838	30.1000	-5.5500	0.0000	0.0000	0.0000	0.0000
9	17.2900	-3.2700	0.0000	0.0000	0.0000	0.0000
1822	20.4500	-1.9600	0.0000	0.0000	0.0000	0.0000
1790	17.5600	-1.0120	0.0000	0.0000	0.0000	0.0000
1640	15.9700	-0.1600	0.0000	0.0000	0.0000	0.0000
1627	15.1400	0.0000	0.0000	0.0000	0.0000	0.0000
4	12.7800	0.0000	0.0000	0.0000	0.0000	0.0000
1611	16.5500	0.0000	0.0000	0.0000	0.0000	0.0000
1598	17.3600	0.0000	0.0000	0.0000	0.0000	0.0000

LOAD CASE LF Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	0.0000	0.0000	4.3600	20.3200	0.0000	0.0000
1838	0.0000	0.0000	3.6500	16.9500	0.0000	0.0000
9	0.0000	0.0000	2.1000	9.7700	0.0000	0.0000
1822	0.0000	0.0000	2.4800	11.5200	0.0000	0.0000
1790	0.0000	0.0000	2.1300	9.8900	0.0000	0.0000
1640	0.0000	0.0000	1.9400	8.9900	0.0000	0.0000
1627	0.0000	0.0000	1.8400	8.5300	0.0000	0.0000
4	0.0000	0.0000	1.5500	7.2000	0.0000	0.0000

LOAD CASE LF, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1611	0.0000	0.0000	2.0108	9.3200	0.0000	0.0000
1598	0.0000	0.0000	2.1190	9.7700	0.0000	0.0000

LOAD CASE W, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	4.7200	-3.1900	1.1400	2.3300	0.0000	0.0000
1838	4.7200	-2.4800	1.1400	2.3300	0.0000	0.0000
9	4.7200	-1.7700	1.1400	2.3300	0.0000	0.0000
1822	4.7200	-1.0600	1.1400	2.3300	0.0000	0.0000
1790	4.7200	-0.3500	1.1400	2.3300	0.0000	0.0000
1840	4.7200	0.3500	1.1400	2.3300	0.0000	0.0000
1827	4.7200	1.0600	1.1400	2.3300	0.0000	0.0000
4	4.7200	1.7700	1.1400	2.3300	0.0000	0.0000
1811	4.7200	2.4800	1.1400	2.3300	0.0000	0.0000
1598	4.7200	3.1900	1.1400	2.3300	0.0000	0.0000

LOAD CASE WonLL, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	0.6800	-1.3500	0.3600	1.6700	0.0000	0.0000
1838	0.6800	-1.0500	0.3600	1.6700	0.0000	0.0000
9	0.6800	-0.7500	0.3600	1.6700	0.0000	0.0000
1822	0.6800	-0.4500	0.3600	1.6700	0.0000	0.0000
1790	0.6800	-0.1500	0.3600	1.6700	0.0000	0.0000
1840	0.6800	0.1500	0.3600	1.6700	0.0000	0.0000
1827	0.6800	0.4500	0.3600	1.6700	0.0000	0.0000
4	0.6800	0.7500	0.3600	1.6700	0.0000	0.0000
1811	0.6800	1.0500	0.3600	1.6700	0.0000	0.0000
1598	0.6800	1.3500	0.3600	1.6700	0.0000	0.0000

LOAD CASE EQ-T, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	14.0000	-6.5700	0.0000	0.0000	0.0000	0.0000
1838	14.0000	-5.1100	0.0000	0.0000	0.0000	0.0000
9	14.0000	-3.6500	0.0000	0.0000	0.0000	0.0000
1822	14.0000	-2.1900	0.0000	0.0000	0.0000	0.0000
1790	14.0000	-0.7300	0.0000	0.0000	0.0000	0.0000
1840	14.0000	0.7300	0.0000	0.0000	0.0000	0.0000
1827	14.0000	2.1900	0.0000	0.0000	0.0000	0.0000
4	14.0000	3.6500	0.0000	0.0000	0.0000	0.0000
1811	14.0000	5.1100	0.0000	0.0000	0.0000	0.0000
1598	14.0000	6.5700	0.0000	0.0000	0.0000	0.0000

LOAD CASE EQ-L, Joint Loads

Joint	X-Force (m-ton)	Y-Force (m-ton)	Z-Force (m-ton)	X-Moment (m-ton-m)	Y-Moment (m-ton-m)	Z-Moment (m-ton-m)
1851	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1838	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
9	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1822	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1790	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1840	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1827	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
4	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1811	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000
1598	0.0000	0.0000	16.0300	22.7900	0.0000	0.0000

LOAD COMBINATION AASHTO-I

Load Case	Factor
DL	1.30
LL	2.71
CF	1.30

LOAD COMBINATION AASHTO-II

Load Case	Factor
DL	1,30
W	1,30

LOAD COMBINATION AASHTO-III

Load Case	Factor
DL	1,30
LL	1,63
CF	1,30
LF	1,30
W	0,39
WorkLL	1,30

LOAD COMBINATION AASHTO-VII-A

Load Case	Factor
DL	1,30
EQ-T	1,30
EQ-L	0,39

LOAD COMBINATION AASHTO-VII-B

Load Case	Factor
DL	1,30
EQ-T	0,39
EQ-L	1,30

LOAD COMBINATION AASHTO-VII-C

Load Case	Factor
DL	0,98
EQ-T	1,30
EQ-L	0,39

LOAD COMBINATION AASHTO-VII-D

Load Case	Factor
DL	0,98
EQ-T	0,39
EQ-L	1,30

LOAD COMBINATION AASHTO-I-S

Load Case	Factor
DL	1,00
LL	1,00
CF	1,00

LOAD COMBINATION AASHTO-II-S

Load Case	Factor
DL	1,00
W	1,00

LOAD COMBINATION AASHTO-III-S

Load Case	Factor
DL	1,00

LOAD COMBINATION AASHTO-III-S

Load Case	Factor
LL	1.00
CF	1.00
LF	1.00
W	0.30
W#LL	1.00

LOAD COMBINATION AASHTO-VII-A-S

Load Case	Factor
DL	1.00
EQ-T	1.00
EQ-L	0.30

LOAD COMBINATION AASHTO-VII-B-S

Load Case	Factor
DL	1.00
EQ-T	0.30
EQ-L	1.00

Result Cases Summary

Load Combinations: AASHTO-I
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-II
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-III
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-A
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-B
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-C
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-D
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-I-S
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-II-S
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-III-S
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-A-S
Solved: 02/07/2009

Load Class: None

Load Combinations: AASHTO-VII-B-S
Solved: 02/07/2009

Load Class: None

RESULT : Reactions

Joint	Result Case	Force X (lb-ft-in)	Force Y (lb-ft-in)	Force Z (lb-ft-in)	Moment X (lb-ft-in-in)	Moment Y (lb-ft-in-in)	Moment Z (lb-ft-in-in)
1292	AASHTO-I	-1.7491	0.0000	0.0017	0.0000	0.0000	0.0000
1292	AASHTO-II	-0.5420	0.0000	-0.1928	0.0000	0.0000	0.0000
1292	AASHTO-III	-1.9110	0.0000	-0.5256	0.0000	0.0000	0.0000
1292	AASHTO-VII-A	-1.2458	0.0000	-0.8061	0.0000	0.0000	0.0000
1292	AASHTO-VII-B	-0.5131	0.0000	-2.9870	0.0000	0.0000	0.0000
1292	AASHTO-VII-C	-1.1961	0.0000	-0.8047	0.0000	0.0000	0.0000
1292	AASHTO-VII-D	-0.4659	0.0000	-2.9921	0.0000	0.0000	0.0000
1292	AASHTO-I-S	-1.3111	0.0000	-0.0351	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-fuerza)	Force Y (ton-fuerza)	Force Z (ton-fuerza)	Moment X (ton-fuerza-m)	Moment Y (ton-fuerza-m)	Moment Z (ton-fuerza-m)
1292	AASHTO-8-S	-0.4759	0.0000	-0.1477	0.0000	0.0000	0.0000
1292	AASHTO-8S-S	-1.4084	0.0000	-0.4032	0.0000	0.0000	0.0000
1292	AASHTO-V8-A-S	-0.9543	0.0000	-0.6187	0.0000	0.0000	0.0000
1292	AASHTO-V8-B-S	-0.3950	0.0000	-2.0615	0.0000	0.0000	0.0000
1293	AASHTO-I	-3.0197	0.0000	0.0062	0.0000	0.0000	0.0000
1293	AASHTO-8	-0.8896	0.0000	-0.3238	0.0000	0.0000	0.0000
1293	AASHTO-8I	-3.3452	0.0000	-0.8859	0.0000	0.0000	0.0000
1293	AASHTO-V8-A	-2.1712	0.0000	-1.3746	0.0000	0.0000	0.0000
1293	AASHTO-V8-B	-0.6509	0.0000	-4.5770	0.0000	0.0000	0.0000
1293	AASHTO-V8-C	-2.1069	0.0000	-1.3736	0.0000	0.0000	0.0000
1293	AASHTO-V8-D	-0.7869	0.0000	-4.5664	0.0000	0.0000	0.0000
1293	AASHTO-I-S	-2.2670	0.0000	0.0001	0.0000	0.0000	0.0000
1293	AASHTO-8-S	-0.6825	0.0000	-0.2484	0.0000	0.0000	0.0000
1293	AASHTO-8I-S	-2.5582	0.0000	-0.6800	0.0000	0.0000	0.0000
1293	AASHTO-V8-A-S	-1.6655	0.0000	-1.0549	0.0000	0.0000	0.0000
1293	AASHTO-V8-B-S	-0.5012	0.0000	-3.5112	0.0000	0.0000	0.0000
1294	AASHTO-I	-3.0289	0.0000	0.0121	0.0000	0.0000	0.0000
1294	AASHTO-8	-1.0085	0.0000	-0.3994	0.0000	0.0000	0.0000
1294	AASHTO-8I	-4.3018	0.0000	-1.0956	0.0000	0.0000	0.0000
1294	AASHTO-V8-A	-2.7842	0.0000	-1.7208	0.0000	0.0000	0.0000
1294	AASHTO-V8-B	-1.0334	0.0000	-5.7236	0.0000	0.0000	0.0000
1294	AASHTO-V8-C	-2.7284	0.0000	-1.7216	0.0000	0.0000	0.0000
1294	AASHTO-V8-D	-0.9827	0.0000	-5.7121	0.0000	0.0000	0.0000
1294	AASHTO-I-S	-2.9305	0.0000	0.0003	0.0000	0.0000	0.0000
1294	AASHTO-8-S	-0.8193	0.0000	-0.3063	0.0000	0.0000	0.0000
1294	AASHTO-8I-S	-3.2864	0.0000	-0.8415	0.0000	0.0000	0.0000
1294	AASHTO-V8-A-S	-2.1354	0.0000	-1.3204	0.0000	0.0000	0.0000
1294	AASHTO-V8-B-S	-0.7804	0.0000	-4.3903	0.0000	0.0000	0.0000
1295	AASHTO-I	-4.2080	0.0000	0.0183	0.0000	0.0000	0.0000
1295	AASHTO-8	-1.1039	0.0000	-0.4257	0.0000	0.0000	0.0000
1295	AASHTO-8I	-4.7068	0.0000	-1.1713	0.0000	0.0000	0.0000
1295	AASHTO-V8-A	-3.0867	0.0000	-1.8651	0.0000	0.0000	0.0000
1295	AASHTO-V8-B	-1.0823	0.0000	-6.1964	0.0000	0.0000	0.0000
1295	AASHTO-V8-C	-3.0658	0.0000	-1.8685	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-fuerza)	Force Y (ton-fuerza)	Force Z (ton-fuerza)	Moment X (ton-fuerza-m)	Moment Y (ton-fuerza-m)	Moment Z (ton-fuerza-m)
1295	AASHTO-V8-D	-1.0546	0.0000	-6.1862	0.0000	0.0000	0.0000
1295	AASHTO-I-S	-3.2567	0.0000	0.0006	0.0000	0.0000	0.0000
1295	AASHTO-8-S	-0.8460	0.0000	-0.3285	0.0000	0.0000	0.0000
1295	AASHTO-8I-S	-3.4851	0.0000	-0.9004	0.0000	0.0000	0.0000
1295	AASHTO-V8-A-S	-2.3747	0.0000	-1.4211	0.0000	0.0000	0.0000
1295	AASHTO-V8-B-S	-0.8270	0.0000	-4.7524	0.0000	0.0000	0.0000
1296	AASHTO-I	-4.1967	0.0000	0.0240	0.0000	0.0000	0.0000
1296	AASHTO-8	-1.0138	0.0000	-0.4094	0.0000	0.0000	0.0000
1296	AASHTO-8I	-4.6679	0.0000	-1.1308	0.0000	0.0000	0.0000
1296	AASHTO-V8-A	-3.1310	0.0000	-1.8304	0.0000	0.0000	0.0000
1296	AASHTO-V8-B	-1.0182	0.0000	-6.0729	0.0000	0.0000	0.0000
1296	AASHTO-V8-C	-3.1352	0.0000	-1.8368	0.0000	0.0000	0.0000
1296	AASHTO-V8-D	-1.0255	0.0000	-6.0667	0.0000	0.0000	0.0000
1296	AASHTO-I-S	-3.2696	0.0000	0.0009	0.0000	0.0000	0.0000
1296	AASHTO-8-S	-0.7913	0.0000	-0.3139	0.0000	0.0000	0.0000
1296	AASHTO-8I-S	-3.7469	0.0000	-0.8700	0.0000	0.0000	0.0000
1296	AASHTO-V8-A-S	-2.4006	0.0000	-1.4043	0.0000	0.0000	0.0000
1296	AASHTO-V8-B-S	-0.7771	0.0000	-4.8569	0.0000	0.0000	0.0000
1297	AASHTO-I	-3.8574	0.0000	0.0298	0.0000	0.0000	0.0000
1297	AASHTO-8	-0.9362	0.0000	-0.3598	0.0000	0.0000	0.0000
1297	AASHTO-8I	-4.5472	0.0000	-0.9805	0.0000	0.0000	0.0000
1297	AASHTO-V8-A	-2.9130	0.0000	-1.8294	0.0000	0.0000	0.0000
1297	AASHTO-V8-B	-0.9600	0.0000	-5.4296	0.0000	0.0000	0.0000
1297	AASHTO-V8-C	-2.9577	0.0000	-1.8484	0.0000	0.0000	0.0000
1297	AASHTO-V8-D	-0.9672	0.0000	-5.4268	0.0000	0.0000	0.0000
1297	AASHTO-I-S	-3.0967	0.0000	0.0011	0.0000	0.0000	0.0000
1297	AASHTO-8-S	-0.6417	0.0000	-0.2739	0.0000	0.0000	0.0000
1297	AASHTO-8I-S	-3.5102	0.0000	-0.7631	0.0000	0.0000	0.0000
1297	AASHTO-V8-A-S	-2.2329	0.0000	-1.2575	0.0000	0.0000	0.0000
1297	AASHTO-V8-B-S	-0.6552	0.0000	-4.1629	0.0000	0.0000	0.0000
1298	AASHTO-I	-5.1699	0.0000	0.0318	0.0000	0.0000	0.0000
1298	AASHTO-8	-0.5764	0.0000	-0.2728	0.0000	0.0000	0.0000
1298	AASHTO-8I	-3.8749	0.0000	-0.7648	0.0000	0.0000	0.0000
1298	AASHTO-V8-A	-2.4682	0.0000	-1.3122	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1298	AASHTO-VB-E	-0.6231	0.0000	-4.3347	0.0000	0.0000	0.0000
1298	AASHTO-VB-C	-2.0357	0.0000	-7.3240	0.0000	0.0000	0.0000
1298	AASHTO-VB-D	-0.7122	0.0000	-4.3375	0.0000	0.0000	0.0000
1298	AASHTO-I-E	-2.5952	0.0000	0.0014	0.0000	0.0000	0.0000
1298	AASHTO-B-E	-0.4407	0.0000	-0.2092	0.0000	0.0000	0.0000
1298	AASHTO-BI-E	-3.0035	0.0000	-0.5808	0.0000	0.0000	0.0000
1298	AASHTO-VB-A-E	-1.8913	0.0000	-1.2083	0.0000	0.0000	0.0000
1298	AASHTO-VB-B-E	-0.4733	0.0000	-3.3220	0.0000	0.0000	0.0000
1299	AASHTO-I	-2.2257	0.0000	0.0336	0.0000	0.0000	0.0000
1299	AASHTO-E	-0.2464	0.0000	-0.1618	0.0000	0.0000	0.0000
1299	AASHTO-BI	-2.8834	0.0000	-0.4645	0.0000	0.0000	0.0000
1299	AASHTO-VB-A	-1.8180	0.0000	-0.8643	0.0000	0.0000	0.0000
1299	AASHTO-VB-B	-0.2189	0.0000	-2.8401	0.0000	0.0000	0.0000
1299	AASHTO-VB-C	-1.9486	0.0000	-0.8788	0.0000	0.0000	0.0000
1299	AASHTO-VB-D	-0.4497	0.0000	-2.8467	0.0000	0.0000	0.0000
1299	AASHTO-I-S	-1.8676	0.0000	0.0015	0.0000	0.0000	0.0000
1299	AASHTO-B-S	-0.1875	0.0000	-0.1241	0.0000	0.0000	0.0000
1299	AASHTO-BI-S	-2.2513	0.0000	-0.3606	0.0000	0.0000	0.0000
1299	AASHTO-VB-A-S	-1.3923	0.0000	-0.6625	0.0000	0.0000	0.0000
1299	AASHTO-VB-B-S	-0.2398	0.0000	-2.1748	0.0000	0.0000	0.0000
1300	AASHTO-I	-1.0250	0.0000	0.0338	0.0000	0.0000	0.0000
1300	AASHTO-E	0.1449	0.0000	-0.0260	0.0000	0.0000	0.0000
1300	AASHTO-BI	-1.5944	0.0000	-0.0956	0.0000	0.0000	0.0000
1300	AASHTO-VB-A	-0.9766	0.0000	-0.3053	0.0000	0.0000	0.0000
1300	AASHTO-VB-B	0.0468	0.0000	-0.9779	0.0000	0.0000	0.0000
1300	AASHTO-VB-C	-1.1500	0.0000	-0.3221	0.0000	0.0000	0.0000
1300	AASHTO-VB-D	-0.1253	0.0000	-0.9850	0.0000	0.0000	0.0000
1300	AASHTO-I-S	-1.0099	0.0000	0.0016	0.0000	0.0000	0.0000
1300	AASHTO-B-S	0.1128	0.0000	-0.0200	0.0000	0.0000	0.0000
1300	AASHTO-BI-S	-1.2701	0.0000	-0.0779	0.0000	0.0000	0.0000
1300	AASHTO-VB-A-S	-0.7468	0.0000	-0.2336	0.0000	0.0000	0.0000
1300	AASHTO-VB-B-S	0.0464	0.0000	-0.7495	0.0000	0.0000	0.0000
1301	AASHTO-I	0.4252	0.0000	0.0326	0.0000	0.0000	0.0000
1301	AASHTO-E	0.5967	0.0000	0.1341	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1301	AASHTO-BI	-0.0167	0.0000	0.3402	0.0000	0.0000	0.0000
1301	AASHTO-VB-A	0.0504	0.0000	0.3619	0.0000	0.0000	0.0000
1301	AASHTO-VB-B	0.4725	0.0000	1.2491	0.0000	0.0000	0.0000
1301	AASHTO-VB-C	-0.1858	0.0000	0.3429	0.0000	0.0000	0.0000
1301	AASHTO-VB-D	0.2596	0.0000	1.2169	0.0000	0.0000	0.0000
1301	AASHTO-I-S	0.0750	0.0000	0.0017	0.0000	0.0000	0.0000
1301	AASHTO-B-S	0.4589	0.0000	0.1529	0.0000	0.0000	0.0000
1301	AASHTO-BI-S	-0.0869	0.0000	0.2561	0.0000	0.0000	0.0000
1301	AASHTO-VB-A-S	0.0410	0.0000	0.2784	0.0000	0.0000	0.0000
1301	AASHTO-VB-B-S	0.3664	0.0000	0.9598	0.0000	0.0000	0.0000
1302	AASHTO-I	2.1308	0.0000	0.0300	0.0000	0.0000	0.0000
1302	AASHTO-E	1.1125	0.0000	0.3195	0.0000	0.0000	0.0000
1302	AASHTO-BI	1.8542	0.0000	0.8454	0.0000	0.0000	0.0000
1302	AASHTO-VB-A	1.2882	0.0000	1.1409	0.0000	0.0000	0.0000
1302	AASHTO-VB-B	0.9612	0.0000	3.8336	0.0000	0.0000	0.0000
1302	AASHTO-VB-C	1.0063	0.0000	1.1167	0.0000	0.0000	0.0000
1302	AASHTO-VB-D	0.7070	0.0000	3.7973	0.0000	0.0000	0.0000
1302	AASHTO-I-E	1.3577	0.0000	0.0017	0.0000	0.0000	0.0000
1302	AASHTO-B-S	0.8542	0.0000	0.2449	0.0000	0.0000	0.0000
1302	AASHTO-BI-S	1.3617	0.0000	0.8435	0.0000	0.0000	0.0000
1302	AASHTO-VB-A-S	0.9735	0.0000	0.8761	0.0000	0.0000	0.0000
1302	AASHTO-VB-B-S	0.7405	0.0000	2.9464	0.0000	0.0000	0.0000
1303	AASHTO-I	4.1973	0.0000	0.0262	0.0000	0.0000	0.0000
1303	AASHTO-E	1.8891	0.0000	0.5323	0.0000	0.0000	0.0000
1303	AASHTO-BI	4.3330	0.0000	1.4259	0.0000	0.0000	0.0000
1303	AASHTO-VB-A	2.6806	0.0000	2.0393	0.0000	0.0000	0.0000
1303	AASHTO-VB-B	1.3191	0.0000	6.8202	0.0000	0.0000	0.0000
1303	AASHTO-VB-C	2.3747	0.0000	2.0190	0.0000	0.0000	0.0000
1303	AASHTO-VB-D	1.2218	0.0000	6.7721	0.0000	0.0000	0.0000
1303	AASHTO-I-E	2.8495	0.0000	0.0017	0.0000	0.0000	0.0000
1303	AASHTO-B-E	1.3037	0.0000	0.4078	0.0000	0.0000	0.0000
1303	AASHTO-BI-E	3.0268	0.0000	1.0686	0.0000	0.0000	0.0000
1303	AASHTO-VB-A-S	2.0583	0.0000	1.5853	0.0000	0.0000	0.0000
1303	AASHTO-VB-B-S	1.1674	0.0000	5.2378	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1304	AASHTO-I	3.1885	155.1929	0.0157	0.0000	0.0000	0.0000
1304	AASHTO-II	1.1619	148.3340	0.3874	0.0000	0.0000	0.0000
1304	AASHTO-III	5.2992	91.3826	1.0436	0.0000	0.0000	0.0000
1304	AASHTO-VIS-A	2.1530	47.3644	1.8332	0.0000	0.0000	0.0000
1304	AASHTO-VIS-B	1.0763	2.7408	5.1188	0.0000	0.0000	0.0000
1304	AASHTO-VIS-C	1.9753	-1.2679	1.5284	0.0000	0.0000	0.0000
1304	AASHTO-VIS-D	0.9045	-45.7161	5.0860	0.0000	0.0000	0.0000
1304	AASHTO-I-S	2.2815	73.8130	0.0008	0.0000	0.0000	0.0000
1304	AASHTO-II-S	0.9065	114.8906	0.2969	0.0000	0.0000	0.0000
1304	AASHTO-III-S	2.4710	83.2777	0.7980	0.0000	0.0000	0.0000
1304	AASHTO-VIS-A-S	1.9524	56.5665	1.1799	0.0000	0.0000	0.0000
1304	AASHTO-VIS-B-S	0.8261	2.3654	3.8263	0.0000	0.0000	0.0000
1305	AASHTO-I	-1.7481	0.0000	-0.5017	0.0000	0.0000	0.0000
1305	AASHTO-II	-0.5402	0.0000	-0.1973	0.0000	0.0000	0.0000
1305	AASHTO-III	-1.6606	0.0000	-0.5246	0.0000	0.0000	0.0000
1305	AASHTO-VIS-A	-1.2358	0.0000	-0.8055	0.0000	0.0000	0.0000
1305	AASHTO-VIS-B	-0.4878	0.0000	-2.8919	0.0000	0.0000	0.0000
1305	AASHTO-VIS-C	-1.1674	0.0000	-0.8023	0.0000	0.0000	0.0000
1305	AASHTO-VIS-D	-0.4416	0.0000	-2.8831	0.0000	0.0000	0.0000
1305	AASHTO-I-S	-1.3111	0.0000	0.0001	0.0000	0.0000	0.0000
1305	AASHTO-II-S	-0.4140	0.0000	-0.1514	0.0000	0.0000	0.0000
1305	AASHTO-III-S	-1.4054	0.0000	-0.4020	0.0000	0.0000	0.0000
1305	AASHTO-VIS-A-S	-0.9484	0.0000	-0.6183	0.0000	0.0000	0.0000
1305	AASHTO-VIS-B-S	-0.3744	0.0000	-2.0853	0.0000	0.0000	0.0000
1306	AASHTO-I	-3.0197	0.0000	-0.0062	0.0000	0.0000	0.0000
1306	AASHTO-II	-0.8643	0.0000	-0.3401	0.0000	0.0000	0.0000
1306	AASHTO-III	-3.2914	0.0000	-0.9641	0.0000	0.0000	0.0000
1306	AASHTO-VIS-A	-2.1480	0.0000	-1.3730	0.0000	0.0000	0.0000
1306	AASHTO-VIS-B	-0.7764	0.0000	-4.3931	0.0000	0.0000	0.0000
1306	AASHTO-VIS-C	-2.0943	0.0000	-1.3657	0.0000	0.0000	0.0000
1306	AASHTO-VIS-D	-0.7168	0.0000	-4.5762	0.0000	0.0000	0.0000
1306	AASHTO-I-S	-2.2870	0.0000	-0.0001	0.0000	0.0000	0.0000
1306	AASHTO-II-S	-0.6784	0.0000	-0.2610	0.0000	0.0000	0.0000
1306	AASHTO-III-S	-2.5099	0.0000	-0.6765	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1306	AASHTO-VIS-A-S	-1.6483	0.0000	-1.0637	0.0000	0.0000	0.0000
1306	AASHTO-VIS-B-S	-0.5955	0.0000	-3.3239	0.0000	0.0000	0.0000
1307	AASHTO-I	-3.6289	0.0000	-0.0121	0.0000	0.0000	0.0000
1307	AASHTO-II	-1.0585	0.0000	-0.4307	0.0000	0.0000	0.0000
1307	AASHTO-III	-4.2061	0.0000	-1.2829	0.0000	0.0000	0.0000
1307	AASHTO-VIS-A	-2.7425	0.0000	-1.7181	0.0000	0.0000	0.0000
1307	AASHTO-VIS-B	-0.9890	0.0000	-5.7532	0.0000	0.0000	0.0000
1307	AASHTO-VIS-C	-2.6876	0.0000	-1.7067	0.0000	0.0000	0.0000
1307	AASHTO-VIS-D	-0.9482	0.0000	-5.7295	0.0000	0.0000	0.0000
1307	AASHTO-I-S	-2.9305	0.0000	-0.0003	0.0000	0.0000	0.0000
1307	AASHTO-II-S	-0.8116	0.0000	-0.3305	0.0000	0.0000	0.0000
1307	AASHTO-III-S	-3.2239	0.0000	-0.8351	0.0000	0.0000	0.0000
1307	AASHTO-VIS-A-S	-2.1043	0.0000	-1.3185	0.0000	0.0000	0.0000
1307	AASHTO-VIS-B-S	-0.6902	0.0000	-4.4139	0.0000	0.0000	0.0000
1308	AASHTO-I	-4.2080	0.0000	-0.0183	0.0000	0.0000	0.0000
1308	AASHTO-II	-1.0893	0.0000	-0.4727	0.0000	0.0000	0.0000
1308	AASHTO-III	-4.8760	0.0000	-1.1671	0.0000	0.0000	0.0000
1308	AASHTO-VIS-A	-3.1063	0.0000	-1.9812	0.0000	0.0000	0.0000
1308	AASHTO-VIS-B	-0.8870	0.0000	-6.2364	0.0000	0.0000	0.0000
1308	AASHTO-VIS-C	-3.0065	0.0000	-1.9462	0.0000	0.0000	0.0000
1308	AASHTO-VIS-D	-0.8630	0.0000	-6.2100	0.0000	0.0000	0.0000
1308	AASHTO-I-S	-3.2567	0.0000	-0.0006	0.0000	0.0000	0.0000
1308	AASHTO-II-S	-0.8351	0.0000	-0.3627	0.0000	0.0000	0.0000
1308	AASHTO-III-S	-3.5819	0.0000	-0.8911	0.0000	0.0000	0.0000
1308	AASHTO-VIS-A-S	-2.3294	0.0000	-1.4263	0.0000	0.0000	0.0000
1308	AASHTO-VIS-B-S	-0.6795	0.0000	-4.7963	0.0000	0.0000	0.0000
1309	AASHTO-I	-4.1967	0.0000	-0.0240	0.0000	0.0000	0.0000
1309	AASHTO-II	-1.0813	0.0000	-0.4706	0.0000	0.0000	0.0000
1309	AASHTO-III	-4.7249	0.0000	-1.1254	0.0000	0.0000	0.0000
1309	AASHTO-VIS-A	-3.0538	0.0000	-1.8251	0.0000	0.0000	0.0000
1309	AASHTO-VIS-B	-0.7684	0.0000	-6.1236	0.0000	0.0000	0.0000
1309	AASHTO-VIS-C	-3.0591	0.0000	-1.8074	0.0000	0.0000	0.0000
1309	AASHTO-VIS-D	-0.7759	0.0000	-6.0927	0.0000	0.0000	0.0000
1309	AASHTO-I-S	-3.2896	0.0000	-0.0008	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1308	AASHTO-B-S	-0.7673	0.0000	-0.3611	0.0000	0.0000	0.0000
1309	AASHTO-BI-S	-3.6385	0.0000	-2.8582	0.0000	0.0000	0.0000
1309	AASHTO-VS-A-S	-2.3424	0.0000	-1.4004	0.0000	0.0000	0.0000
1309	AASHTO-VS-B-S	-0.5980	0.0000	-4.8987	0.0000	0.0000	0.0000
1310	AASHTO-I	-3.8374	0.0000	-0.0299	0.0000	0.0000	0.0000
1310	AASHTO-E	-0.8195	0.0000	-0.4294	0.0000	0.0000	0.0000
1310	AASHTO-BI	-4.2620	0.0000	-0.8842	0.0000	0.0000	0.0000
1310	AASHTO-VS-A	-2.8219	0.0000	-1.8326	0.0000	0.0000	0.0000
1310	AASHTO-VS-B	-0.5670	0.0000	-5.4836	0.0000	0.0000	0.0000
1310	AASHTO-VS-C	-2.8680	0.0000	-1.8134	0.0000	0.0000	0.0000
1310	AASHTO-VS-D	-0.8187	0.0000	-5.4527	0.0000	0.0000	0.0000
1310	AASHTO-I-S	-3.0597	0.0000	-0.0011	0.0000	0.0000	0.0000
1310	AASHTO-B-S	-0.6253	0.0000	-0.3295	0.0000	0.0000	0.0000
1310	AASHTO-BI-S	-3.3827	0.0000	-0.7489	0.0000	0.0000	0.0000
1310	AASHTO-VS-A-S	-2.1644	0.0000	-1.2527	0.0000	0.0000	0.0000
1310	AASHTO-VS-B-S	-0.4332	0.0000	-4.2088	0.0000	0.0000	0.0000
1311	AASHTO-I	-3.1686	0.0000	-0.0319	0.0000	0.0000	0.0000
1311	AASHTO-E	-0.5524	0.0000	-0.3535	0.0000	0.0000	0.0000
1311	AASHTO-BI	-5.7162	0.0000	-0.7577	0.0000	0.0000	0.0000
1311	AASHTO-VS-A	-2.3674	0.0000	-1.3040	0.0000	0.0000	0.0000
1311	AASHTO-VS-B	-0.3010	0.0000	-4.3852	0.0000	0.0000	0.0000
1311	AASHTO-VS-C	-2.4564	0.0000	-1.2845	0.0000	0.0000	0.0000
1311	AASHTO-VS-D	-0.3947	0.0000	-4.3569	0.0000	0.0000	0.0000
1311	AASHTO-I-S	-2.5852	0.0000	-0.0014	0.0000	0.0000	0.0000
1311	AASHTO-B-S	-0.4226	0.0000	-0.2713	0.0000	0.0000	0.0000
1311	AASHTO-BI-S	-2.8636	0.0000	-0.5148	0.0000	0.0000	0.0000
1311	AASHTO-VS-A-S	-1.8157	0.0000	-1.0006	0.0000	0.0000	0.0000
1311	AASHTO-VS-B-S	-0.2291	0.0000	-3.3675	0.0000	0.0000	0.0000
1312	AASHTO-I	-2.2257	0.0000	-0.0139	0.0000	0.0000	0.0000
1312	AASHTO-E	-0.2219	0.0000	-0.2495	0.0000	0.0000	0.0000
1312	AASHTO-BI	-2.7296	0.0000	-0.4567	0.0000	0.0000	0.0000
1312	AASHTO-VS-A	-1.7119	0.0000	-0.8547	0.0000	0.0000	0.0000
1312	AASHTO-VS-B	0.0173	0.0000	-2.8798	0.0000	0.0000	0.0000
1312	AASHTO-VS-C	-1.8439	0.0000	-0.8343	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1312	AASHTO-VS-D	-0.1185	0.0000	-2.8564	0.0000	0.0000	0.0000
1312	AASHTO-I-S	-1.5076	0.0000	-0.0015	0.0000	0.0000	0.0000
1312	AASHTO-B-S	-0.1887	0.0000	-0.1893	0.0000	0.0000	0.0000
1312	AASHTO-BI-S	-2.1365	0.0000	-0.3439	0.0000	0.0000	0.0000
1312	AASHTO-VS-A-S	-1.3129	0.0000	-0.8560	0.0000	0.0000	0.0000
1312	AASHTO-VS-B-S	0.0150	0.0000	-2.2146	0.0000	0.0000	0.0000
1313	AASHTO-I	-1.0252	0.0000	-0.0239	0.0000	0.0000	0.0000
1313	AASHTO-E	5.1699	0.0000	-0.1108	0.0000	0.0000	0.0000
1313	AASHTO-BI	-1.4037	0.0000	-0.0673	0.0000	0.0000	0.0000
1313	AASHTO-VS-A	-0.9694	0.0000	-0.2342	0.0000	0.0000	0.0000
1313	AASHTO-VS-B	0.3919	0.0000	-0.9976	0.0000	0.0000	0.0000
1313	AASHTO-VS-C	-1.0440	0.0000	-0.2785	0.0000	0.0000	0.0000
1313	AASHTO-VS-D	0.3058	0.0000	-0.9825	0.0000	0.0000	0.0000
1313	AASHTO-I-S	-1.0089	0.0000	-0.0018	0.0000	0.0000	0.0000
1313	AASHTO-B-S	0.1314	0.0000	-0.0853	0.0000	0.0000	0.0000
1313	AASHTO-BI-S	-1.1647	0.0000	-0.0610	0.0000	0.0000	0.0000
1313	AASHTO-VS-A-S	-0.9887	0.0000	-0.2242	0.0000	0.0000	0.0000
1313	AASHTO-VS-B-S	0.2842	0.0000	-0.7739	0.0000	0.0000	0.0000
1314	AASHTO-I	0.4252	0.0000	-0.0326	0.0000	0.0000	0.0000
1314	AASHTO-E	0.6201	0.0000	0.0530	0.0000	0.0000	0.0000
1314	AASHTO-BI	0.1032	0.0000	0.3488	0.0000	0.0000	0.0000
1314	AASHTO-VS-A	0.1549	0.0000	0.3746	0.0000	0.0000	0.0000
1314	AASHTO-VS-B	0.7904	0.0000	1.2509	0.0000	0.0000	0.0000
1314	AASHTO-VS-C	-0.0623	0.0000	0.3675	0.0000	0.0000	0.0000
1314	AASHTO-VS-D	0.5761	0.0000	1.2559	0.0000	0.0000	0.0000
1314	AASHTO-I-S	0.0702	0.0000	-0.0017	0.0000	0.0000	0.0000
1314	AASHTO-B-S	0.4769	0.0000	0.0403	0.0000	0.0000	0.0000
1314	AASHTO-BI-S	0.0322	0.0000	0.2727	0.0000	0.0000	0.0000
1314	AASHTO-VS-A-S	0.1188	0.0000	0.2868	0.0000	0.0000	0.0000
1314	AASHTO-VS-B-S	0.6084	0.0000	0.9474	0.0000	0.0000	0.0000
1315	AASHTO-I	2.1308	0.0000	-0.0300	0.0000	0.0000	0.0000
1315	AASHTO-E	1.1342	0.0000	0.2455	0.0000	0.0000	0.0000
1315	AASHTO-BI	1.9481	0.0000	0.8544	0.0000	0.0000	0.0000
1315	AASHTO-VS-A	1.3645	0.0000	1.1058	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1315	AASHTO-VB-B	1.2531	0.0000	5.8783	0.0000	0.0000	0.0000
1315	AASHTO-VB-C	1.1038	0.0000	1.1630	0.0000	0.0000	0.0000
1315	AASHTO-VB-D	0.9883	0.0000	3.8701	0.0000	0.0000	0.0000
1315	AASHTO-I-E	1.3577	0.0000	-0.0017	0.0000	0.0000	0.0000
1315	AASHTO-B-E	0.8708	0.0000	0.1878	0.0000	0.0000	0.0000
1315	AASHTO-BI-E	1.4258	0.0000	0.6592	0.0000	0.0000	0.0000
1315	AASHTO-VB-A-E	1.0460	0.0000	0.8805	0.0000	0.0000	0.0000
1315	AASHTO-VB-B-E	0.9609	0.0000	2.8581	0.0000	0.0000	0.0000
1316	AASHTO-I	4.1073	0.0000	-0.0262	0.0000	0.0000	0.0000
1316	AASHTO-E	1.7179	0.0000	0.4985	0.0000	0.0000	0.0000
1316	AASHTO-BI	4.0899	0.0000	1.4349	0.0000	0.0000	0.0000
1316	AASHTO-VB-A	2.7697	0.0000	2.0564	0.0000	0.0000	0.0000
1316	AASHTO-VB-B	1.7713	0.0000	6.9104	0.0000	0.0000	0.0000
1316	AASHTO-VB-C	2.4632	0.0000	2.0591	0.0000	0.0000	0.0000
1316	AASHTO-VB-D	1.4723	0.0000	6.8864	0.0000	0.0000	0.0000
1316	AASHTO-I-S	2.8481	0.0000	-0.0017	0.0000	0.0000	0.0000
1316	AASHTO-B-S	1.3179	0.0000	0.3587	0.0000	0.0000	0.0000
1316	AASHTO-BI-S	3.0862	0.0000	1.1030	0.0000	0.0000	0.0000
1316	AASHTO-VB-A-S	2.1231	0.0000	1.5759	0.0000	0.0000	0.0000
1316	AASHTO-VB-B-S	1.3571	0.0000	5.2784	0.0000	0.0000	0.0000
1317	AASHTO-I	3.1903	133.7829	-0.0107	0.0000	0.0000	0.0000
1317	AASHTO-E	1.1894	172.8491	0.3620	0.0000	0.0000	0.0000
1317	AASHTO-BI	3.2767	122.3762	1.0484	0.0000	0.0000	0.0000
1317	AASHTO-VB-A	2.1915	145.0183	1.5430	0.0000	0.0000	0.0000
1317	AASHTO-VB-B	1.1771	328.2719	5.1667	0.0000	0.0000	0.0000
1317	AASHTO-VB-C	2.0137	99.2024	1.5402	0.0000	0.0000	0.0000
1317	AASHTO-VB-D	1.0051	279.2012	5.1675	0.0000	0.0000	0.0000
1317	AASHTO-I-S	2.2818	73.8139	-0.0008	0.0000	0.0000	0.0000
1317	AASHTO-B-S	0.9121	132.9799	0.2772	0.0000	0.0000	0.0000
1317	AASHTO-BI-S	2.4743	87.5758	0.8043	0.0000	0.0000	0.0000
1317	AASHTO-VB-A-S	1.6799	111.0339	1.1926	0.0000	0.0000	0.0000
1317	AASHTO-VB-B-S	0.9014	252.3423	3.9656	0.0000	0.0000	0.0000
1318	AASHTO-I	-1.7589	0.0000	0.0132	0.0000	0.0000	0.0000
1318	AASHTO-E	-0.5462	0.0000	-0.1972	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1318	AASHTO-BI	-1.9130	0.0000	-0.0393	0.0000	0.0000	0.0000
1318	AASHTO-VB-A	-1.2412	0.0000	-0.7997	0.0000	0.0000	0.0000
1318	AASHTO-VB-B	-0.5099	0.0000	-2.6798	0.0000	0.0000	0.0000
1318	AASHTO-VB-C	-1.1906	0.0000	-0.7992	0.0000	0.0000	0.0000
1318	AASHTO-VB-D	-0.4807	0.0000	-2.6731	0.0000	0.0000	0.0000
1318	AASHTO-I-E	-1.5141	0.0000	0.0070	0.0000	0.0000	0.0000
1318	AASHTO-B-E	-0.4191	0.0000	-0.1406	0.0000	0.0000	0.0000
1318	AASHTO-BI-E	-1.4589	0.0000	-0.4137	0.0000	0.0000	0.0000
1318	AASHTO-VB-A-E	-0.9523	0.0000	-0.6135	0.0000	0.0000	0.0000
1318	AASHTO-VB-B-E	-0.3906	0.0000	-2.6552	0.0000	0.0000	0.0000
1319	AASHTO-I	-3.0527	0.0000	0.0454	0.0000	0.0000	0.0000
1319	AASHTO-E	-0.9043	0.0000	-0.3043	0.0000	0.0000	0.0000
1319	AASHTO-BI	-3.3519	0.0000	-0.8918	0.0000	0.0000	0.0000
1319	AASHTO-VB-A	-2.1525	0.0000	-1.3477	0.0000	0.0000	0.0000
1319	AASHTO-VB-B	-0.8410	0.0000	-4.5374	0.0000	0.0000	0.0000
1319	AASHTO-VB-C	-2.0815	0.0000	-1.3504	0.0000	0.0000	0.0000
1319	AASHTO-VB-D	-0.7728	0.0000	-4.5291	0.0000	0.0000	0.0000
1319	AASHTO-I-S	-2.2967	0.0000	0.0240	0.0000	0.0000	0.0000
1319	AASHTO-B-S	-0.6806	0.0000	-0.2332	0.0000	0.0000	0.0000
1319	AASHTO-BI-S	-2.5597	0.0000	-0.6853	0.0000	0.0000	0.0000
1319	AASHTO-VB-A-S	-1.6588	0.0000	-1.0357	0.0000	0.0000	0.0000
1319	AASHTO-VB-B-S	-0.6439	0.0000	-3.4792	0.0000	0.0000	0.0000
1320	AASHTO-I	-3.8915	0.0000	0.0870	0.0000	0.0000	0.0000
1320	AASHTO-E	-1.0962	0.0000	-0.3612	0.0000	0.0000	0.0000
1320	AASHTO-BI	-4.3139	0.0000	-1.0796	0.0000	0.0000	0.0000
1320	AASHTO-VB-A	-2.7674	0.0000	-1.6662	0.0000	0.0000	0.0000
1320	AASHTO-VB-B	-1.0155	0.0000	-5.6360	0.0000	0.0000	0.0000
1320	AASHTO-VB-C	-2.6889	0.0000	-1.6743	0.0000	0.0000	0.0000
1320	AASHTO-VB-D	-0.9505	0.0000	-5.6320	0.0000	0.0000	0.0000
1320	AASHTO-I-E	-2.9489	0.0000	0.0460	0.0000	0.0000	0.0000
1320	AASHTO-B-E	-0.8406	0.0000	-0.2768	0.0000	0.0000	0.0000
1320	AASHTO-BI-E	-3.2988	0.0000	-0.8314	0.0000	0.0000	0.0000
1320	AASHTO-VB-A-E	-2.1334	0.0000	-1.2778	0.0000	0.0000	0.0000
1320	AASHTO-VB-B-E	-0.7799	0.0000	-4.3225	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1321	AASHTO-I	-4.3007	0.0000	0.1303	0.0000	0.0000	0.0000
1321	AASHTO-II	-1.1452	0.0000	-0.3679	0.0000	0.0000	0.0000
1321	AASHTO-III	-4.8166	0.0000	-1.1288	0.0000	0.0000	0.0000
1321	AASHTO-VII-A	-3.0713	0.0000	-1.7808	0.0000	0.0000	0.0000
1321	AASHTO-VII-B	-1.0991	0.0000	-6.0901	0.0000	0.0000	0.0000
1321	AASHTO-VII-C	-5.0215	0.0000	-1.7952	0.0000	0.0000	0.0000
1321	AASHTO-VII-D	-1.0101	0.0000	-6.0591	0.0000	0.0000	0.0000
1321	AASHTO-I-S	-3.2833	0.0000	0.3669	0.0000	0.0000	0.0000
1321	AASHTO-II-S	-0.8779	0.0000	-0.2818	0.0000	0.0000	0.0000
1321	AASHTO-III-S	-5.8881	0.0000	-0.8695	0.0000	0.0000	0.0000
1321	AASHTO-VII-A-S	-2.3982	0.0000	-1.3654	0.0000	0.0000	0.0000
1321	AASHTO-VII-B-S	-0.8072	0.0000	-4.6454	0.0000	0.0000	0.0000
1322	AASHTO-I	-4.3159	0.0000	0.1698	0.0000	0.0000	0.0000
1322	AASHTO-II	-1.0736	0.0000	-0.3395	0.0000	0.0000	0.0000
1322	AASHTO-III	-4.8889	0.0000	-1.0546	0.0000	0.0000	0.0000
1322	AASHTO-VII-A	-3.0979	0.0000	-1.7181	0.0000	0.0000	0.0000
1322	AASHTO-VII-B	-0.9845	0.0000	-5.8891	0.0000	0.0000	0.0000
1322	AASHTO-VII-C	-5.0771	0.0000	-1.7390	0.0000	0.0000	0.0000
1322	AASHTO-VII-D	-0.9679	0.0000	-5.8838	0.0000	0.0000	0.0000
1322	AASHTO-I-S	-3.3234	0.0000	0.0867	0.0000	0.0000	0.0000
1322	AASHTO-II-S	-0.8227	0.0000	-0.2505	0.0000	0.0000	0.0000
1322	AASHTO-III-S	-5.7500	0.0000	-0.6160	0.0000	0.0000	0.0000
1322	AASHTO-VII-A-S	-2.3747	0.0000	-1.3171	0.0000	0.0000	0.0000
1322	AASHTO-VII-B-S	-0.7918	0.0000	-4.5126	0.0000	0.0000	0.0000
1323	AASHTO-I	-3.9765	0.0000	0.2016	0.0000	0.0000	0.0000
1323	AASHTO-II	-0.9017	0.0000	-0.2660	0.0000	0.0000	0.0000
1323	AASHTO-III	-4.5690	0.0000	-0.8837	0.0000	0.0000	0.0000
1323	AASHTO-VII-A	-2.8719	0.0000	-1.5034	0.0000	0.0000	0.0000
1323	AASHTO-VII-B	-0.8201	0.0000	-5.2051	0.0000	0.0000	0.0000
1323	AASHTO-VII-C	-2.8879	0.0000	-1.5304	0.0000	0.0000	0.0000
1323	AASHTO-VII-D	-0.8391	0.0000	-5.2147	0.0000	0.0000	0.0000
1323	AASHTO-I-S	-3.0905	0.0000	0.1048	0.0000	0.0000	0.0000
1323	AASHTO-II-S	-0.6907	0.0000	-0.2037	0.0000	0.0000	0.0000
1323	AASHTO-III-S	-3.5124	0.0000	-0.6867	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1323	AASHTO-VII-A-S	-2.2916	0.0000	-1.1524	0.0000	0.0000	0.0000
1323	AASHTO-VII-B-S	-0.6252	0.0000	-3.9996	0.0000	0.0000	0.0000
1324	AASHTO-I	-3.3204	0.0000	0.2236	0.0000	0.0000	0.0000
1324	AASHTO-II	-0.6463	0.0000	-0.1718	0.0000	0.0000	0.0000
1324	AASHTO-III	-3.5960	0.0000	-0.6306	0.0000	0.0000	0.0000
1324	AASHTO-VII-A	-2.4211	0.0000	-1.1567	0.0000	0.0000	0.0000
1324	AASHTO-VII-B	-0.5780	0.0000	-4.0759	0.0000	0.0000	0.0000
1324	AASHTO-VII-C	-2.4775	0.0000	-1.1907	0.0000	0.0000	0.0000
1324	AASHTO-VII-D	-0.6369	0.0000	-4.0990	0.0000	0.0000	0.0000
1324	AASHTO-I-S	-2.5264	0.0000	0.1162	0.0000	0.0000	0.0000
1324	AASHTO-II-S	-0.4947	0.0000	-0.1314	0.0000	0.0000	0.0000
1324	AASHTO-III-S	-3.0039	0.0000	-0.4841	0.0000	0.0000	0.0000
1324	AASHTO-VII-A-S	-1.8058	0.0000	-0.8880	0.0000	0.0000	0.0000
1324	AASHTO-VII-B-S	-0.4461	0.0000	-3.1218	0.0000	0.0000	0.0000
1325	AASHTO-I	-2.3784	0.0000	0.2348	0.0000	0.0000	0.0000
1325	AASHTO-II	-0.3181	0.0000	-0.0501	0.0000	0.0000	0.0000
1325	AASHTO-III	-2.9002	0.0000	-0.3070	0.0000	0.0000	0.0000
1325	AASHTO-VII-A	-1.7882	0.0000	-0.8999	0.0000	0.0000	0.0000
1325	AASHTO-VII-B	-0.2725	0.0000	-2.5097	0.0000	0.0000	0.0000
1325	AASHTO-VII-C	-1.8641	0.0000	-0.7359	0.0000	0.0000	0.0000
1325	AASHTO-VII-D	-0.3706	0.0000	-2.5908	0.0000	0.0000	0.0000
1325	AASHTO-I-S	-1.9381	0.0000	0.1240	0.0000	0.0000	0.0000
1325	AASHTO-II-S	-0.2409	0.0000	-0.0420	0.0000	0.0000	0.0000
1325	AASHTO-III-S	-2.2466	0.0000	-0.2471	0.0000	0.0000	0.0000
1325	AASHTO-VII-A-S	-1.3937	0.0000	-0.5363	0.0000	0.0000	0.0000
1325	AASHTO-VII-B-S	-0.2050	0.0000	-1.9590	0.0000	0.0000	0.0000
1326	AASHTO-I	-1.1704	0.0000	0.2351	0.0000	0.0000	0.0000
1326	AASHTO-II	0.0732	0.0000	0.0817	0.0000	0.0000	0.0000
1326	AASHTO-III	-1.6035	0.0000	0.0806	0.0000	0.0000	0.0000
1326	AASHTO-VII-A	-0.9215	0.0000	-0.1347	0.0000	0.0000	0.0000
1326	AASHTO-VII-B	0.0934	0.0000	-0.6883	0.0000	0.0000	0.0000
1326	AASHTO-VII-C	-1.0626	0.0000	-0.1756	0.0000	0.0000	0.0000
1326	AASHTO-VII-D	-0.0462	0.0000	-0.7270	0.0000	0.0000	0.0000
1326	AASHTO-I-S	-1.0467	0.0000	0.1242	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1326	AASHTO-B-S	0.0568	0.0000	0.0628	0.0000	0.0000	0.0000
1326	AASHTO-BI-S	-1.2831	0.0000	0.0469	0.0000	0.0000	0.0000
1326	AASHTO-VB-A-S	-0.7061	0.0000	-0.1047	0.0000	0.0000	0.0000
1326	AASHTO-VB-B-S	0.0753	0.0000	-0.5227	0.0000	0.0000	0.0000
1327	AASHTO-I	0.2985	0.0000	0.2251	0.0000	0.0000	0.0000
1327	AASHTO-E	0.5293	0.0000	0.2383	0.0000	0.0000	0.0000
1327	AASHTO-BI	-0.0147	0.0000	0.5310	0.0000	0.0000	0.0000
1327	AASHTO-VB-A	0.1079	0.0000	0.5288	0.0000	0.0000	0.0000
1327	AASHTO-VB-B	0.5173	0.0000	1.5307	0.0000	0.0000	0.0000
1327	AASHTO-VB-C	-0.0763	0.0000	0.4877	0.0000	0.0000	0.0000
1327	AASHTO-VB-D	0.3354	0.0000	1.4648	0.0000	0.0000	0.0000
1327	AASHTO-I-S	0.0452	0.0000	0.1190	0.0000	0.0000	0.0000
1327	AASHTO-B-S	0.4063	0.0000	0.1827	0.0000	0.0000	0.0000
1327	AASHTO-BI-S	-0.0540	0.0000	0.3941	0.0000	0.0000	0.0000
1327	AASHTO-VB-A-S	0.0827	0.0000	0.4001	0.0000	0.0000	0.0000
1327	AASHTO-VB-B-S	0.3999	0.0000	1.1807	0.0000	0.0000	0.0000
1328	AASHTO-I	0.0270	0.0000	0.2058	0.0000	0.0000	0.0000
1328	AASHTO-E	1.2529	0.0000	0.4160	0.0000	0.0000	0.0000
1328	AASHTO-BI	1.8759	0.0000	1.0476	0.0000	0.0000	0.0000
1328	AASHTO-VB-A	1.3251	0.0000	1.3001	0.0000	0.0000	0.0000
1328	AASHTO-VB-B	1.0027	0.0000	4.1167	0.0000	0.0000	0.0000
1328	AASHTO-VB-C	1.0916	0.0000	1.2580	0.0000	0.0000	0.0000
1328	AASHTO-VB-D	0.7766	0.0000	4.0567	0.0000	0.0000	0.0000
1328	AASHTO-I-S	1.3379	0.0000	0.1067	0.0000	0.0000	0.0000
1328	AASHTO-B-S	0.8072	0.0000	0.3187	0.0000	0.0000	0.0000
1328	AASHTO-BI-S	1.3820	0.0000	0.7898	0.0000	0.0000	0.0000
1328	AASHTO-VB-A-S	1.2134	0.0000	0.3961	0.0000	0.0000	0.0000
1328	AASHTO-VB-B-S	0.7713	0.0000	3.1606	0.0000	0.0000	0.0000
1329	AASHTO-I	4.5383	0.0000	0.1777	0.0000	0.0000	0.0000
1329	AASHTO-E	1.8502	0.0000	0.6175	0.0000	0.0000	0.0000
1329	AASHTO-BI	4.0680	0.0000	1.4368	0.0000	0.0000	0.0000
1329	AASHTO-VB-A	2.7404	0.0000	2.1962	0.0000	0.0000	0.0000
1329	AASHTO-VB-B	1.3558	0.0000	7.0903	0.0000	0.0000	0.0000
1329	AASHTO-VB-C	2.4558	0.0000	2.1435	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1329	AASHTO-VB-D	1.2822	0.0000	7.0160	0.0000	0.0000	0.0000
1329	AASHTO-I-S	2.8426	0.0000	0.0940	0.0000	0.0000	0.0000
1329	AASHTO-B-S	1.2646	0.0000	0.4729	0.0000	0.0000	0.0000
1329	AASHTO-BI-S	3.0599	0.0000	1.2418	0.0000	0.0000	0.0000
1329	AASHTO-VB-A-S	2.0997	0.0000	1.8749	0.0000	0.0000	0.0000
1329	AASHTO-VB-B-S	1.1944	0.0000	5.4380	0.0000	0.0000	0.0000
1330	AASHTO-I	3.1730	319.4160	0.0709	0.0000	0.0000	0.0000
1330	AASHTO-E	1.1642	237.4164	0.4226	0.0000	0.0000	0.0000
1330	AASHTO-BI	3.2678	225.7980	1.1529	0.0000	0.0000	0.0000
1330	AASHTO-VB-A	2.1831	165.6263	1.5962	0.0000	0.0000	0.0000
1330	AASHTO-VB-B	1.0915	80.4761	5.2409	0.0000	0.0000	0.0000
1330	AASHTO-VB-C	2.0129	98.8606	1.5768	0.0000	0.0000	0.0000
1330	AASHTO-VB-D	0.9290	13.0909	5.1969	0.0000	0.0000	0.0000
1330	AASHTO-I-S	2.2962	186.8410	0.0375	0.0000	0.0000	0.0000
1330	AASHTO-B-S	0.9920	182.8590	0.3238	0.0000	0.0000	0.0000
1330	AASHTO-BI-S	2.4908	182.9696	0.8773	0.0000	0.0000	0.0000
1330	AASHTO-VB-A-S	1.6726	127.5012	1.2243	0.0000	0.0000	0.0000
1330	AASHTO-VB-B-S	0.8371	62.1367	4.0189	0.0000	0.0000	0.0000
1331	AASHTO-I	-1.7589	0.0000	-0.0132	0.0000	0.0000	0.0000
1331	AASHTO-E	-0.5456	0.0000	-0.2023	0.0000	0.0000	0.0000
1331	AASHTO-BI	-1.8858	0.0000	-0.5582	0.0000	0.0000	0.0000
1331	AASHTO-VB-A	-1.2383	0.0000	-0.8114	0.0000	0.0000	0.0000
1331	AASHTO-VB-B	-0.5014	0.0000	-2.8950	0.0000	0.0000	0.0000
1331	AASHTO-VB-C	-1.1880	0.0000	-0.8067	0.0000	0.0000	0.0000
1331	AASHTO-VB-D	-0.4533	0.0000	-2.8840	0.0000	0.0000	0.0000
1331	AASHTO-I-S	-1.3141	0.0000	-0.0070	0.0000	0.0000	0.0000
1331	AASHTO-B-S	-0.4187	0.0000	-0.1552	0.0000	0.0000	0.0000
1331	AASHTO-BI-S	-1.4384	0.0000	-0.4269	0.0000	0.0000	0.0000
1331	AASHTO-VB-A-S	-0.9504	0.0000	-0.6225	0.0000	0.0000	0.0000
1331	AASHTO-VB-B-S	-0.3849	0.0000	-2.0869	0.0000	0.0000	0.0000
1332	AASHTO-I	-3.0021	0.0000	-0.0454	0.0000	0.0000	0.0000
1332	AASHTO-E	-0.9028	0.0000	-0.3584	0.0000	0.0000	0.0000
1332	AASHTO-BI	-3.2466	0.0000	-0.9571	0.0000	0.0000	0.0000
1332	AASHTO-VB-A	-2.1559	0.0000	-1.3980	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1332	AASHTO-V5-E	-0.8217	0.0000	-4.5892	0.0000	0.0000	0.0000
1332	AASHTO-V5-C	-2.3856	0.0000	-1.3760	0.0000	0.0000	0.0000
1332	AASHTO-V5-D	-0.7055	0.0000	-4.5682	0.0000	0.0000	0.0000
1332	AASHTO-I-S	-2.2967	0.0000	-0.0240	0.0000	0.0000	0.0000
1332	AASHTO-II-S	-0.6927	0.0000	-0.2734	0.0000	0.0000	0.0000
1332	AASHTO-III-S	-2.5195	0.0000	-0.7306	0.0000	0.0000	0.0000
1332	AASHTO-V5-A-S	-1.8543	0.0000	-1.0647	0.0000	0.0000	0.0000
1332	AASHTO-V5-B-S	-2.6308	0.0000	-3.5194	0.0000	0.0000	0.0000
1333	AASHTO-I	-3.8915	0.0000	-0.0670	0.0000	0.0000	0.0000
1333	AASHTO-II	-1.0859	0.0000	-0.4615	0.0000	0.0000	0.0000
1333	AASHTO-III	-4.2384	0.0000	-1.2049	0.0000	0.0000	0.0000
1333	AASHTO-V5-A	-2.7570	0.0000	-1.7432	0.0000	0.0000	0.0000
1333	AASHTO-V5-B	-2.9948	0.0000	-5.7359	0.0000	0.0000	0.0000
1333	AASHTO-V5-C	-2.6864	0.0000	-1.7231	0.0000	0.0000	0.0000
1333	AASHTO-V5-D	-0.8227	0.0000	-5.7017	0.0000	0.0000	0.0000
1333	AASHTO-I-S	-2.9489	0.0000	-0.0460	0.0000	0.0000	0.0000
1333	AASHTO-II-S	-0.8390	0.0000	-0.3538	0.0000	0.0000	0.0000
1333	AASHTO-III-S	-3.2418	0.0000	-0.9182	0.0000	0.0000	0.0000
1333	AASHTO-V5-A-S	-2.1153	0.0000	-1.3371	0.0000	0.0000	0.0000
1333	AASHTO-V5-B-S	-3.7055	0.0000	-4.3996	0.0000	0.0000	0.0000
1334	AASHTO-I	-4.3007	0.0000	-0.1303	0.0000	0.0000	0.0000
1334	AASHTO-II	-1.1421	0.0000	-0.5178	0.0000	0.0000	0.0000
1334	AASHTO-III	-4.7233	0.0000	-1.3138	0.0000	0.0000	0.0000
1334	AASHTO-V5-A	-3.0572	0.0000	-1.8958	0.0000	0.0000	0.0000
1334	AASHTO-V5-B	-1.0146	0.0000	-6.2043	0.0000	0.0000	0.0000
1334	AASHTO-V5-C	-3.0085	0.0000	-1.8680	0.0000	0.0000	0.0000
1334	AASHTO-V5-D	-0.9723	0.0000	-6.1611	0.0000	0.0000	0.0000
1334	AASHTO-I-S	-3.2833	0.0000	-0.0689	0.0000	0.0000	0.0000
1334	AASHTO-II-S	-0.8757	0.0000	-0.3972	0.0000	0.0000	0.0000
1334	AASHTO-III-S	-3.6181	0.0000	-0.9990	0.0000	0.0000	0.0000
1334	AASHTO-V5-A-S	-2.3455	0.0000	-1.4540	0.0000	0.0000	0.0000
1334	AASHTO-V5-B-S	-2.7762	0.0000	-4.7579	0.0000	0.0000	0.0000
1335	AASHTO-I	-4.3158	0.0000	-0.1698	0.0000	0.0000	0.0000
1335	AASHTO-II	-1.0896	0.0000	-0.5269	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1335	AASHTO-III	-4.7847	0.0000	-1.2981	0.0000	0.0000	0.0000
1335	AASHTO-V5-A	-3.0789	0.0000	-1.8875	0.0000	0.0000	0.0000
1335	AASHTO-V5-B	-0.9338	0.0000	-6.0717	0.0000	0.0000	0.0000
1335	AASHTO-V5-C	-3.0809	0.0000	-1.8334	0.0000	0.0000	0.0000
1335	AASHTO-V5-D	-0.9215	0.0000	-6.0225	0.0000	0.0000	0.0000
1335	AASHTO-I-S	-3.3234	0.0000	-0.0897	0.0000	0.0000	0.0000
1335	AASHTO-II-S	-0.8201	0.0000	-0.4008	0.0000	0.0000	0.0000
1335	AASHTO-III-S	-3.6710	0.0000	-0.9846	0.0000	0.0000	0.0000
1335	AASHTO-V5-A-S	-2.3626	0.0000	-1.4324	0.0000	0.0000	0.0000
1335	AASHTO-V5-B-S	-2.7191	0.0000	-4.6567	0.0000	0.0000	0.0000
1336	AASHTO-I	-3.9765	0.0000	-0.2016	0.0000	0.0000	0.0000
1336	AASHTO-II	-0.9874	0.0000	-0.4981	0.0000	0.0000	0.0000
1336	AASHTO-III	-4.4604	0.0000	-1.1725	0.0000	0.0000	0.0000
1336	AASHTO-V5-A	-2.8017	0.0000	-1.8902	0.0000	0.0000	0.0000
1336	AASHTO-V5-B	-0.7625	0.0000	-5.4146	0.0000	0.0000	0.0000
1336	AASHTO-V5-C	-2.8690	0.0000	-1.8418	0.0000	0.0000	0.0000
1336	AASHTO-V5-D	-0.7861	0.0000	-5.3629	0.0000	0.0000	0.0000
1336	AASHTO-I-S	-3.0805	0.0000	-0.1065	0.0000	0.0000	0.0000
1336	AASHTO-II-S	-0.6877	0.0000	-0.3622	0.0000	0.0000	0.0000
1336	AASHTO-III-S	-3.4304	0.0000	-0.9870	0.0000	0.0000	0.0000
1336	AASHTO-V5-A-S	-2.1878	0.0000	-1.2889	0.0000	0.0000	0.0000
1336	AASHTO-V5-B-S	-2.5847	0.0000	-4.1539	0.0000	0.0000	0.0000
1337	AASHTO-I	-3.3204	0.0000	-0.2236	0.0000	0.0000	0.0000
1337	AASHTO-II	-0.6418	0.0000	-0.4291	0.0000	0.0000	0.0000
1337	AASHTO-III	-3.7982	0.0000	-0.9504	0.0000	0.0000	0.0000
1337	AASHTO-V5-A	-2.3988	0.0000	-1.3538	0.0000	0.0000	0.0000
1337	AASHTO-V5-B	-0.5169	0.0000	-4.3005	0.0000	0.0000	0.0000
1337	AASHTO-V5-C	-2.4559	0.0000	-1.3134	0.0000	0.0000	0.0000
1337	AASHTO-V5-D	-0.5795	0.0000	-4.2502	0.0000	0.0000	0.0000
1337	AASHTO-I-S	-2.6264	0.0000	-0.1182	0.0000	0.0000	0.0000
1337	AASHTO-II-S	-0.4815	0.0000	-0.3294	0.0000	0.0000	0.0000
1337	AASHTO-III-S	-2.9231	0.0000	-0.7159	0.0000	0.0000	0.0000
1337	AASHTO-V5-A-S	-1.8404	0.0000	-1.0388	0.0000	0.0000	0.0000
1337	AASHTO-V5-B-S	-0.3964	0.0000	-3.3015	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1338	AASHTO-I	-2.3784	0.0000	-0.2346	0.0000	0.0000	0.0000
1338	AASHTO-II	-2.3145	0.0000	-0.3252	0.0000	0.0000	0.0000
1338	AASHTO-III	-2.7995	0.0000	-0.8420	0.0000	0.0000	0.0000
1338	AASHTO-VS-A	-1.7419	0.0000	-0.9035	0.0000	0.0000	0.0000
1338	AASHTO-VS-B	-0.2092	0.0000	-2.7811	0.0000	0.0000	0.0000
1338	AASHTO-VS-C	-1.8411	0.0000	-5.8634	0.0000	0.0000	0.0000
1338	AASHTO-VS-D	-0.3111	0.0000	-3.7363	0.0000	0.0000	0.0000
1338	AASHTO-I-S	-1.8381	0.0000	-0.1240	0.0000	0.0000	0.0000
1338	AASHTO-II-S	-0.2400	0.0000	-0.2498	0.0000	0.0000	0.0000
1338	AASHTO-III-S	-2.1737	0.0000	-0.4795	0.0000	0.0000	0.0000
1338	AASHTO-VS-A-S	-1.3372	0.0000	-0.6939	0.0000	0.0000	0.0000
1338	AASHTO-VS-B-S	-0.1600	0.0000	-2.1260	0.0000	0.0000	0.0000
1339	AASHTO-I	-1.1704	0.0000	-0.2351	0.0000	0.0000	0.0000
1339	AASHTO-II	0.0780	0.0000	-0.1887	0.0000	0.0000	0.0000
1339	AASHTO-III	-1.5158	0.0000	-0.2539	0.0000	0.0000	0.0000
1339	AASHTO-VS-A	-0.8957	0.0000	-0.3347	0.0000	0.0000	0.0000
1339	AASHTO-VS-B	0.1675	0.0000	-0.8674	0.0000	0.0000	0.0000
1339	AASHTO-VS-C	-1.0381	0.0000	-0.3015	0.0000	0.0000	0.0000
1339	AASHTO-VS-D	0.0136	0.0000	-0.8523	0.0000	0.0000	0.0000
1339	AASHTO-I-S	-1.0457	0.0000	-0.1242	0.0000	0.0000	0.0000
1339	AASHTO-II-S	0.0601	0.0000	-0.1453	0.0000	0.0000	0.0000
1339	AASHTO-III-S	-1.1984	0.0000	-0.1829	0.0000	0.0000	0.0000
1339	AASHTO-VS-A-S	-0.6888	0.0000	-0.2614	0.0000	0.0000	0.0000
1339	AASHTO-VS-B-S	0.1200	0.0000	-0.6910	0.0000	0.0000	0.0000
1340	AASHTO-I	0.2965	0.0000	-0.2251	0.0000	0.0000	0.0000
1340	AASHTO-II	0.5340	0.0000	-0.5206	0.0000	0.0000	0.0000
1340	AASHTO-III	0.0549	0.0000	0.2119	0.0000	0.0000	0.0000
1340	AASHTO-VS-A	0.1300	0.0000	0.3378	0.0000	0.0000	0.0000
1340	AASHTO-VS-B	0.5793	0.0000	1.3719	0.0000	0.0000	0.0000
1340	AASHTO-VS-C	-0.0522	0.0000	0.3668	0.0000	0.0000	0.0000
1340	AASHTO-VS-D	0.3636	0.0000	1.3893	0.0000	0.0000	0.0000
1340	AASHTO-I-S	0.0452	0.0000	-0.1180	0.0000	0.0000	0.0000
1340	AASHTO-II-S	0.4095	0.0000	-0.0188	0.0000	0.0000	0.0000
1340	AASHTO-III-S	-0.0037	0.0000	0.1725	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1340	AASHTO-VS-A-S	0.1008	0.0000	0.2566	0.0000	0.0000	0.0000
1340	AASHTO-VS-B-S	0.4429	0.0000	1.0363	0.0000	0.0000	0.0000
1341	AASHTO-I	2.0278	0.0000	-0.2256	0.0000	0.0000	0.0000
1341	AASHTO-II	1.9573	0.0000	0.1797	0.0000	0.0000	0.0000
1341	AASHTO-III	1.9174	0.0000	0.7578	0.0000	0.0000	0.0000
1341	AASHTO-VS-A	1.3635	0.0000	1.1288	0.0000	0.0000	0.0000
1341	AASHTO-VS-B	1.0607	0.0000	4.0087	0.0000	0.0000	0.0000
1341	AASHTO-VS-C	1.1180	0.0000	1.1538	0.0000	0.0000	0.0000
1341	AASHTO-VS-D	0.8315	0.0000	4.0124	0.0000	0.0000	0.0000
1341	AASHTO-I-S	1.3379	0.0000	-0.1067	0.0000	0.0000	0.0000
1341	AASHTO-II-S	0.8122	0.0000	0.1367	0.0000	0.0000	0.0000
1341	AASHTO-III-S	1.4140	0.0000	0.5884	0.0000	0.0000	0.0000
1341	AASHTO-VS-A-S	1.0039	0.0000	0.8624	0.0000	0.0000	0.0000
1341	AASHTO-VS-B-S	0.8111	0.0000	3.0519	0.0000	0.0000	0.0000
1342	AASHTO-I	4.0383	0.0000	-0.1777	0.0000	0.0000	0.0000
1342	AASHTO-II	1.8549	0.0000	0.4130	0.0000	0.0000	0.0000
1342	AASHTO-III	4.0863	0.0000	1.3888	0.0000	0.0000	0.0000
1342	AASHTO-VS-A	2.7701	0.0000	2.0494	0.0000	0.0000	0.0000
1342	AASHTO-VS-B	1.8082	0.0000	7.0486	0.0000	0.0000	0.0000
1342	AASHTO-VS-C	2.4648	0.0000	2.0583	0.0000	0.0000	0.0000
1342	AASHTO-VS-D	1.3325	0.0000	7.0319	0.0000	0.0000	0.0000
1342	AASHTO-I-S	3.8428	0.0000	-0.0940	0.0000	0.0000	0.0000
1342	AASHTO-II-S	1.2673	0.0000	0.3157	0.0000	0.0000	0.0000
1342	AASHTO-III-S	3.9659	0.0000	1.0668	0.0000	0.0000	0.0000
1342	AASHTO-VS-A-S	2.1185	0.0000	1.5622	0.0000	0.0000	0.0000
1342	AASHTO-VS-B-S	1.2297	0.0000	5.3761	0.0000	0.0000	0.0000
1343	AASHTO-I	3.1730	319.4166	-0.0709	0.0000	0.0000	0.0000
1343	AASHTO-II	1.1660	282.6010	0.3414	0.0000	0.0000	0.0000
1343	AASHTO-III	3.2801	301.1408	1.0556	0.0000	0.0000	0.0000
1343	AASHTO-VS-A	2.1966	288.8474	1.5446	0.0000	0.0000	0.0000
1343	AASHTO-VS-B	1.1142	424.5323	5.2629	0.0000	0.0000	0.0000
1343	AASHTO-VS-C	2.0291	291.8902	1.5462	0.0000	0.0000	0.0000
1343	AASHTO-VS-D	0.9512	357.5098	5.2410	0.0000	0.0000	0.0000
1343	AASHTO-I-S	2.2982	198.9410	-0.0375	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1343	AASHTO-8-S	0.8831	201.8673	0.2928	0.0000	0.0000	0.0000
1343	AASHTO-8I-S	3.4626	220.9368	0.8092	0.0000	0.0000	0.0000
1343	AASHTO-V8-A-S	1.6822	206.7930	1.1913	0.0000	0.0000	0.0000
1343	AASHTO-V8-B-S	0.8520	326.3430	4.0162	0.0000	0.0000	0.0000
1344	AASHTO-I	-1.7789	0.0000	0.0136	0.0000	0.0000	0.0000
1344	AASHTO-E	-0.5507	0.0000	-0.1876	0.0000	0.0000	0.0000
1344	AASHTO-8I	-1.9305	0.0000	-0.5628	0.0000	0.0000	0.0000
1344	AASHTO-V8-A	-1.2483	0.0000	-0.9002	0.0000	0.0000	0.0000
1344	AASHTO-V8-B	-0.5125	0.0000	-2.8861	0.0000	0.0000	0.0000
1344	AASHTO-V8-C	-1.1879	0.0000	-0.7992	0.0000	0.0000	0.0000
1344	AASHTO-V8-D	-0.4627	0.0000	-2.6782	0.0000	0.0000	0.0000
1344	AASHTO-I-E	-1.3265	0.0000	0.0061	0.0000	0.0000	0.0000
1344	AASHTO-8-E	-0.4225	0.0000	-0.1438	0.0000	0.0000	0.0000
1344	AASHTO-8I-E	-1.4717	0.0000	-0.4312	0.0000	0.0000	0.0000
1344	AASHTO-V8-A-E	-0.9585	0.0000	-0.6135	0.0000	0.0000	0.0000
1344	AASHTO-V8-B-E	-0.3826	0.0000	-2.0592	0.0000	0.0000	0.0000
1345	AASHTO-I	-3.1230	0.0000	0.0491	0.0000	0.0000	0.0000
1345	AASHTO-E	-0.9201	0.0000	-0.3054	0.0000	0.0000	0.0000
1345	AASHTO-8I	-3.4134	0.0000	-0.8027	0.0000	0.0000	0.0000
1345	AASHTO-V8-A	-2.1911	0.0000	-1.3469	0.0000	0.0000	0.0000
1345	AASHTO-V8-B	-0.8519	0.0000	-4.3521	0.0000	0.0000	0.0000
1345	AASHTO-V8-C	-2.1178	0.0000	-1.3481	0.0000	0.0000	0.0000
1345	AASHTO-V8-D	-0.7812	0.0000	-4.5412	0.0000	0.0000	0.0000
1345	AASHTO-I-E	-2.3402	0.0000	0.0279	0.0000	0.0000	0.0000
1345	AASHTO-8-E	-0.7058	0.0000	-0.2340	0.0000	0.0000	0.0000
1345	AASHTO-8I-E	-2.6046	0.0000	-0.7119	0.0000	0.0000	0.0000
1345	AASHTO-V8-A-E	-1.6808	0.0000	-1.0325	0.0000	0.0000	0.0000
1345	AASHTO-V8-B-E	-0.6523	0.0000	-3.4891	0.0000	0.0000	0.0000
1346	AASHTO-I	-4.0268	0.0000	0.0879	0.0000	0.0000	0.0000
1346	AASHTO-E	-1.1270	0.0000	-0.3632	0.0000	0.0000	0.0000
1346	AASHTO-8I	-4.4305	0.0000	-1.1325	0.0000	0.0000	0.0000
1346	AASHTO-V8-A	-2.8227	0.0000	-1.8628	0.0000	0.0000	0.0000
1346	AASHTO-V8-B	-1.0379	0.0000	-5.8615	0.0000	0.0000	0.0000
1346	AASHTO-V8-C	-2.7494	0.0000	-1.8664	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1346	AASHTO-V8-D	-0.5678	0.0000	-0.6514	0.0000	0.0000	0.0000
1346	AASHTO-I-E	-3.0323	0.0000	0.0528	0.0000	0.0000	0.0000
1346	AASHTO-8-S	-0.8643	0.0000	-0.2785	0.0000	0.0000	0.0000
1346	AASHTO-8I-S	-3.3854	0.0000	-0.8696	0.0000	0.0000	0.0000
1346	AASHTO-V8-A-S	-2.1851	0.0000	-1.2744	0.0000	0.0000	0.0000
1346	AASHTO-V8-B-S	-0.7940	0.0000	-4.3087	0.0000	0.0000	0.0000
1347	AASHTO-I	-4.5034	0.0000	0.1314	0.0000	0.0000	0.0000
1347	AASHTO-E	-1.1915	0.0000	-0.3708	0.0000	0.0000	0.0000
1347	AASHTO-8I	-4.9937	0.0000	-1.1850	0.0000	0.0000	0.0000
1347	AASHTO-V8-A	-3.1544	0.0000	-1.7740	0.0000	0.0000	0.0000
1347	AASHTO-V8-B	-1.0900	0.0000	-6.0872	0.0000	0.0000	0.0000
1347	AASHTO-V8-C	-3.0974	0.0000	-1.7852	0.0000	0.0000	0.0000
1347	AASHTO-V8-D	-1.0368	0.0000	-6.0850	0.0000	0.0000	0.0000
1347	AASHTO-I-E	-3.4087	0.0000	0.0787	0.0000	0.0000	0.0000
1347	AASHTO-8-S	-0.9135	0.0000	-0.2940	0.0000	0.0000	0.0000
1347	AASHTO-8I-S	-3.5179	0.0000	-0.9112	0.0000	0.0000	0.0000
1347	AASHTO-V8-A-S	-2.4152	0.0000	-1.3595	0.0000	0.0000	0.0000
1347	AASHTO-V8-B-S	-0.8335	0.0000	-4.8672	0.0000	0.0000	0.0000
1348	AASHTO-I	-4.5754	0.0000	0.1710	0.0000	0.0000	0.0000
1348	AASHTO-E	-1.1340	0.0000	-0.3372	0.0000	0.0000	0.0000
1348	AASHTO-8I	-5.1186	0.0000	-1.1132	0.0000	0.0000	0.0000
1348	AASHTO-V8-A	-3.2054	0.0000	-1.7078	0.0000	0.0000	0.0000
1348	AASHTO-V8-B	-1.0282	0.0000	-5.9247	0.0000	0.0000	0.0000
1348	AASHTO-V8-C	-3.1758	0.0000	-1.7246	0.0000	0.0000	0.0000
1348	AASHTO-V8-D	-1.0033	0.0000	-5.8245	0.0000	0.0000	0.0000
1348	AASHTO-I-S	-3.4865	0.0000	0.1024	0.0000	0.0000	0.0000
1348	AASHTO-E-S	-0.8689	0.0000	-0.2581	0.0000	0.0000	0.0000
1348	AASHTO-8I-S	-3.9189	0.0000	-0.8575	0.0000	0.0000	0.0000
1348	AASHTO-V8-A-S	-2.4582	0.0000	-1.3085	0.0000	0.0000	0.0000
1348	AASHTO-V8-B-S	-0.7864	0.0000	-4.5356	0.0000	0.0000	0.0000
1349	AASHTO-I	-4.2980	0.0000	0.2029	0.0000	0.0000	0.0000
1349	AASHTO-E	-0.9734	0.0000	-0.2701	0.0000	0.0000	0.0000
1349	AASHTO-8I	-4.8421	0.0000	-0.8575	0.0000	0.0000	0.0000
1349	AASHTO-V8-A	-2.9988	0.0000	-1.4896	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1348	AASHTO-V8-B	-0.8737	0.0000	-0.2424	0.0000	0.0000	0.0000
1349	AASHTO-V8-C	-3.0046	0.0000	-1.3119	0.0000	0.0000	0.0000
1349	AASHTO-V8-D	-0.8817	0.0000	-0.2498	0.0000	0.0000	0.0000
1349	AASHTO-I-E	-3.2886	0.0000	0.1218	0.0000	0.0000	0.0000
1349	AASHTO-B-E	-0.7480	0.0000	-0.2087	0.0000	0.0000	0.0000
1349	AASHTO-BI-E	-3.7122	0.0000	-0.7243	0.0000	0.0000	0.0000
1349	AASHTO-V8-A-E	-2.3005	0.0000	-1.1413	0.0000	0.0000	0.0000
1349	AASHTO-V8-B-E	-0.6869	0.0000	-4.8153	0.0000	0.0000	0.0000
1350	AASHTO-I	-3.5833	0.0000	0.2247	0.0000	0.0000	0.0000
1350	AASHTO-B	-0.7256	0.0000	-0.1761	0.0000	0.0000	0.0000
1350	AASHTO-BI	-4.1956	0.0000	-0.8750	0.0000	0.0000	0.0000
1350	AASHTO-V8-A	-2.5816	0.0000	-1.1415	0.0000	0.0000	0.0000
1350	AASHTO-V8-B	-0.6388	0.0000	-4.1146	0.0000	0.0000	0.0000
1350	AASHTO-V8-C	-2.6058	0.0000	-1.1686	0.0000	0.0000	0.0000
1350	AASHTO-V8-D	-0.6845	0.0000	-4.1389	0.0000	0.0000	0.0000
1350	AASHTO-I-E	-2.5382	0.0000	0.1346	0.0000	0.0000	0.0000
1350	AASHTO-B-E	-0.5559	0.0000	-0.1347	0.0000	0.0000	0.0000
1350	AASHTO-BI-E	-3.2240	0.0000	-0.5249	0.0000	0.0000	0.0000
1350	AASHTO-V8-A-E	-1.9649	0.0000	-0.8745	0.0000	0.0000	0.0000
1350	AASHTO-V8-B-E	-0.4868	0.0000	-3.1508	0.0000	0.0000	0.0000
1351	AASHTO-I	-2.7343	0.0000	0.2357	0.0000	0.0000	0.0000
1351	AASHTO-B	-0.4019	0.0000	-0.0593	0.0000	0.0000	0.0000
1351	AASHTO-BI	-3.2104	0.0000	-0.3377	0.0000	0.0000	0.0000
1351	AASHTO-V8-A	-1.9121	0.0000	-0.8795	0.0000	0.0000	0.0000
1351	AASHTO-V8-B	-2.3354	0.0000	-2.3844	0.0000	0.0000	0.0000
1351	AASHTO-V8-C	-1.9978	0.0000	-0.7197	0.0000	0.0000	0.0000
1351	AASHTO-V8-D	-2.4210	0.0000	-2.8207	0.0000	0.0000	0.0000
1351	AASHTO-I-E	-2.1585	0.0000	0.1412	0.0000	0.0000	0.0000
1351	AASHTO-B-E	-0.3079	0.0000	-0.0403	0.0000	0.0000	0.0000
1351	AASHTO-BI-E	-2.4714	0.0000	-0.2671	0.0000	0.0000	0.0000
1351	AASHTO-V8-A-E	-1.4872	0.0000	-0.5208	0.0000	0.0000	0.0000
1351	AASHTO-V8-B-E	-0.2541	0.0000	-1.9860	0.0000	0.0000	0.0000
1352	AASHTO-I	-1.5206	0.0000	0.2356	0.0000	0.0000	0.0000
1352	AASHTO-B	-0.0090	0.0000	0.0779	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1352	AASHTO-BI	-1.9077	0.0000	0.0677	0.0000	0.0000	0.0000
1352	AASHTO-V8-A	-1.2647	0.0000	-0.1132	0.0000	0.0000	0.0000
1352	AASHTO-V8-B	0.0303	0.0000	-0.7139	0.0000	0.0000	0.0000
1352	AASHTO-V8-C	-1.1941	0.0000	-0.1478	0.0000	0.0000	0.0000
1352	AASHTO-V8-D	-0.0966	0.0000	-0.7509	0.0000	0.0000	0.0000
1352	AASHTO-I-E	-1.2643	0.0000	0.1412	0.0000	0.0000	0.0000
1352	AASHTO-B-E	-0.0070	0.0000	0.0597	0.0000	0.0000	0.0000
1352	AASHTO-BI-E	-1.4866	0.0000	0.0424	0.0000	0.0000	0.0000
1352	AASHTO-V8-A-E	-0.8182	0.0000	-0.0874	0.0000	0.0000	0.0000
1352	AASHTO-V8-B-E	0.0259	0.0000	-0.5452	0.0000	0.0000	0.0000
1353	AASHTO-I	-0.0301	0.0000	0.2252	0.0000	0.0000	0.0000
1353	AASHTO-B	0.4517	0.0000	0.2352	0.0000	0.0000	0.0000
1353	AASHTO-BI	-0.2967	0.0000	0.5400	0.0000	0.0000	0.0000
1353	AASHTO-V8-A	-0.0253	0.0000	0.5551	0.0000	0.0000	0.0000
1353	AASHTO-V8-B	0.4571	0.0000	1.5196	0.0000	0.0000	0.0000
1353	AASHTO-V8-C	-0.2006	0.0000	0.5176	0.0000	0.0000	0.0000
1353	AASHTO-V8-D	0.2870	0.0000	1.4698	0.0000	0.0000	0.0000
1353	AASHTO-I-E	-0.1597	0.0000	0.1350	0.0000	0.0000	0.0000
1353	AASHTO-B-E	0.3457	0.0000	0.1800	0.0000	0.0000	0.0000
1353	AASHTO-BI-E	-0.2647	0.0000	0.4031	0.0000	0.0000	0.0000
1353	AASHTO-V8-A-E	-0.0224	0.0000	0.4240	0.0000	0.0000	0.0000
1353	AASHTO-V8-B-E	0.3526	0.0000	1.1648	0.0000	0.0000	0.0000
1354	AASHTO-I	1.7416	0.0000	0.2052	0.0000	0.0000	0.0000
1354	AASHTO-B	0.9634	0.0000	0.4140	0.0000	0.0000	0.0000
1354	AASHTO-BI	1.8261	0.0000	1.0825	0.0000	0.0000	0.0000
1354	AASHTO-V8-A	1.2090	0.0000	1.3298	0.0000	0.0000	0.0000
1354	AASHTO-V8-B	0.9480	0.0000	4.1174	0.0000	0.0000	0.0000
1354	AASHTO-V8-C	0.8842	0.0000	1.2901	0.0000	0.0000	0.0000
1354	AASHTO-V8-D	0.7323	0.0000	4.0536	0.0000	0.0000	0.0000
1354	AASHTO-I-E	1.7167	0.0000	0.1232	0.0000	0.0000	0.0000
1354	AASHTO-B-E	0.7527	0.0000	0.3167	0.0000	0.0000	0.0000
1354	AASHTO-BI-E	1.1968	0.0000	0.8176	0.0000	0.0000	0.0000
1354	AASHTO-V8-A-E	0.8225	0.0000	1.0199	0.0000	0.0000	0.0000
1354	AASHTO-V8-B-E	0.7291	0.0000	3.1538	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1355	AASHTO-I	3.8080	0.0000	0.1785	0.0000	0.0000	0.0000
1355	AASHTO-II	1.5922	0.0000	0.8167	0.0000	0.0000	0.0000
1355	AASHTO-III	5.8744	0.0000	1.7021	0.0000	0.0000	0.0000
1355	AASHTO-VS-A	2.8479	0.0000	2.2190	0.0000	0.0000	0.0000
1355	AASHTO-VS-B	1.5089	0.0000	7.1072	0.0000	0.0000	0.0000
1355	AASHTO-VS-C	2.3694	0.0000	2.1775	0.0000	0.0000	0.0000
1355	AASHTO-VS-D	1.2440	0.0000	7.0276	0.0000	0.0000	0.0000
1355	AASHTO-I-S	2.6946	0.0000	0.1061	0.0000	0.0000	0.0000
1355	AASHTO-II-S	1.2139	0.0000	0.4718	0.0000	0.0000	0.0000
1355	AASHTO-III-S	2.9056	0.0000	1.2911	0.0000	0.0000	0.0000
1355	AASHTO-VS-A-S	2.0239	0.0000	1.6968	0.0000	0.0000	0.0000
1355	AASHTO-VS-B-S	1.1571	0.0000	5.4429	0.0000	0.0000	0.0000
1356	AASHTO-I	3.0930	460.3965	0.0689	0.0000	0.0000	0.0000
1356	AASHTO-II	1.1421	317.9056	0.4230	0.0000	0.0000	0.0000
1356	AASHTO-III	3.2329	384.1723	1.2030	0.0000	0.0000	0.0000
1356	AASHTO-VS-A	2.1517	278.7636	1.6183	0.0000	0.0000	0.0000
1356	AASHTO-VS-B	1.0732	162.1496	5.3402	0.0000	0.0000	0.0000
1356	AASHTO-VS-C	1.9629	197.3112	1.5947	0.0000	0.0000	0.0000
1356	AASHTO-VS-D	0.9138	79.8207	5.2115	0.0000	0.0000	0.0000
1356	AASHTO-I-S	2.2331	310.6967	0.0421	0.0000	0.0000	0.0000
1356	AASHTO-II-S	0.8744	244.5594	0.3235	0.0000	0.0000	0.0000
1356	AASHTO-III-S	2.4079	282.2759	0.9145	0.0000	0.0000	0.0000
1356	AASHTO-VS-A-S	1.6454	215.2767	1.2360	0.0000	0.0000	0.0000
1356	AASHTO-VS-B-S	0.8223	124.8549	4.0278	0.0000	0.0000	0.0000
1357	AASHTO-I	-1.7789	0.0000	-0.0135	0.0000	0.0000	0.0000
1357	AASHTO-II	-0.5928	0.0000	-0.2028	0.0000	0.0000	0.0000
1357	AASHTO-III	-1.9039	0.0000	-0.5850	0.0000	0.0000	0.0000
1357	AASHTO-VS-A	-1.2474	0.0000	-0.8154	0.0000	0.0000	0.0000
1357	AASHTO-VS-B	-0.5077	0.0000	-2.7011	0.0000	0.0000	0.0000
1357	AASHTO-VS-C	-1.1964	0.0000	-0.8136	0.0000	0.0000	0.0000
1357	AASHTO-VS-D	-0.4589	0.0000	-2.6894	0.0000	0.0000	0.0000
1357	AASHTO-I-S	-1.3265	0.0000	-0.0081	0.0000	0.0000	0.0000
1357	AASHTO-II-S	-0.4223	0.0000	-0.1555	0.0000	0.0000	0.0000
1357	AASHTO-III-S	-1.4515	0.0000	-0.4474	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1357	AASHTO-VS-A-S	-0.9574	0.0000	-0.6212	0.0000	0.0000	0.0000
1357	AASHTO-VS-B-S	-0.3887	0.0000	-2.0706	0.0000	0.0000	0.0000
1358	AASHTO-I	-3.1230	0.0000	-0.0491	0.0000	0.0000	0.0000
1358	AASHTO-II	-0.9194	0.0000	-0.3574	0.0000	0.0000	0.0000
1358	AASHTO-III	-3.3817	0.0000	-1.0090	0.0000	0.0000	0.0000
1358	AASHTO-VS-A	-2.1875	0.0000	-1.3987	0.0000	0.0000	0.0000
1358	AASHTO-VS-B	-0.8425	0.0000	-4.6027	0.0000	0.0000	0.0000
1358	AASHTO-VS-C	-2.1147	0.0000	-1.3869	0.0000	0.0000	0.0000
1358	AASHTO-VS-D	-0.7738	0.0000	-4.5788	0.0000	0.0000	0.0000
1358	AASHTO-I-S	-2.3402	0.0000	-0.0276	0.0000	0.0000	0.0000
1358	AASHTO-II-S	-0.7054	0.0000	-0.2740	0.0000	0.0000	0.0000
1358	AASHTO-III-S	-2.5855	0.0000	-0.7706	0.0000	0.0000	0.0000
1358	AASHTO-VS-A-S	-1.6787	0.0000	-1.0723	0.0000	0.0000	0.0000
1358	AASHTO-VS-B-S	-0.6467	0.0000	-3.5283	0.0000	0.0000	0.0000
1359	AASHTO-I	-4.0268	0.0000	-0.0879	0.0000	0.0000	0.0000
1359	AASHTO-II	-1.1260	0.0000	-0.4625	0.0000	0.0000	0.0000
1359	AASHTO-III	-4.3592	0.0000	-1.2779	0.0000	0.0000	0.0000
1359	AASHTO-VS-A	-2.8175	0.0000	-1.7818	0.0000	0.0000	0.0000
1359	AASHTO-VS-B	-1.0239	0.0000	-5.7596	0.0000	0.0000	0.0000
1359	AASHTO-VS-C	-2.7451	0.0000	-1.7424	0.0000	0.0000	0.0000
1359	AASHTO-VS-D	-0.9571	0.0000	-5.7218	0.0000	0.0000	0.0000
1359	AASHTO-I-S	-3.0323	0.0000	-0.0526	0.0000	0.0000	0.0000
1359	AASHTO-II-S	-0.8937	0.0000	-0.3546	0.0000	0.0000	0.0000
1359	AASHTO-III-S	-3.3300	0.0000	-0.9747	0.0000	0.0000	0.0000
1359	AASHTO-VS-A-S	-2.1620	0.0000	-1.3505	0.0000	0.0000	0.0000
1359	AASHTO-VS-B-S	-0.7859	0.0000	-4.4128	0.0000	0.0000	0.0000
1360	AASHTO-I	-4.5004	0.0000	-0.1314	0.0000	0.0000	0.0000
1360	AASHTO-II	-1.1902	0.0000	-0.5192	0.0000	0.0000	0.0000
1360	AASHTO-III	-4.9039	0.0000	-1.4024	0.0000	0.0000	0.0000
1360	AASHTO-VS-A	-3.1477	0.0000	-1.9216	0.0000	0.0000	0.0000
1360	AASHTO-VS-B	-1.0727	0.0000	-6.2311	0.0000	0.0000	0.0000
1360	AASHTO-VS-C	-3.0917	0.0000	-1.8958	0.0000	0.0000	0.0000
1360	AASHTO-VS-D	-1.0233	0.0000	-6.1878	0.0000	0.0000	0.0000
1360	AASHTO-I-S	-3.4087	0.0000	-0.0767	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1360	AASHTO-B-S	-0.0128	0.0000	-0.3981	0.0000	0.0000	0.0000
1360	AASHTO-BI-S	-2.7501	0.0000	-1.0683	0.0000	0.0000	0.0000
1360	AASHTO-VB-A-S	-2.4152	0.0000	-1.4731	0.0000	0.0000	0.0000
1360	AASHTO-VB-B-S	-0.8233	0.0000	-4.7783	0.0000	0.0000	0.0000
1361	AASHTO-I	-4.5794	0.0000	-0.1710	0.0000	0.0000	0.0000
1361	AASHTO-E	-1.1325	0.0000	-0.5302	0.0000	0.0000	0.0000
1361	AASHTO-BI	-0.0191	0.0000	-1.3958	0.0000	0.0000	0.0000
1361	AASHTO-VB-A	-3.1873	0.0000	-1.8894	0.0000	0.0000	0.0000
1361	AASHTO-VB-B	-1.0090	0.0000	-6.1025	0.0000	0.0000	0.0000
1361	AASHTO-VB-C	-3.1889	0.0000	-1.8680	0.0000	0.0000	0.0000
1361	AASHTO-VB-D	-0.0874	0.0000	-6.0540	0.0000	0.0000	0.0000
1361	AASHTO-I-S	-3.4905	0.0000	-0.1024	0.0000	0.0000	0.0000
1361	AASHTO-B-S	-0.8884	0.0000	-0.4086	0.0000	0.0000	0.0000
1361	AASHTO-BI-S	-3.8431	0.0000	-1.0618	0.0000	0.0000	0.0000
1361	AASHTO-VB-A-S	-2.4534	0.0000	-1.4582	0.0000	0.0000	0.0000
1361	AASHTO-VB-B-S	-0.7744	0.0000	-4.5783	0.0000	0.0000	0.0000
1362	AASHTO-I	-4.2880	0.0000	-0.2029	0.0000	0.0000	0.0000
1362	AASHTO-E	-0.9718	0.0000	-0.4992	0.0000	0.0000	0.0000
1362	AASHTO-BI	-4.7370	0.0000	-1.2725	0.0000	0.0000	0.0000
1362	AASHTO-VB-A	-2.9903	0.0000	-1.7164	0.0000	0.0000	0.0000
1362	AASHTO-VB-B	-0.8313	0.0000	-5.4467	0.0000	0.0000	0.0000
1362	AASHTO-VB-C	-2.9965	0.0000	-1.8814	0.0000	0.0000	0.0000
1362	AASHTO-VB-D	-0.8038	0.0000	-5.3970	0.0000	0.0000	0.0000
1362	AASHTO-I-S	-3.2886	0.0000	-0.1215	0.0000	0.0000	0.0000
1362	AASHTO-B-S	-0.7456	0.0000	-0.3829	0.0000	0.0000	0.0000
1362	AASHTO-BI-S	-3.5332	0.0000	-0.9954	0.0000	0.0000	0.0000
1362	AASHTO-VB-A-S	-2.2949	0.0000	-1.3161	0.0000	0.0000	0.0000
1362	AASHTO-VB-B-S	-0.6536	0.0000	-4.1770	0.0000	0.0000	0.0000
1363	AASHTO-I	-5.0833	0.0000	-0.2247	0.0000	0.0000	0.0000
1363	AASHTO-E	-0.7237	0.0000	-0.4298	0.0000	0.0000	0.0000
1363	AASHTO-BI	-4.0820	0.0000	-1.5457	0.0000	0.0000	0.0000
1363	AASHTO-VB-A	-2.5308	0.0000	-1.3918	0.0000	0.0000	0.0000
1363	AASHTO-VB-B	-0.6147	0.0000	-4.3315	0.0000	0.0000	0.0000
1363	AASHTO-VB-C	-2.5961	0.0000	-1.3555	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1363	AASHTO-VB-D	-0.6050	0.0000	-4.2843	0.0000	0.0000	0.0000
1363	AASHTO-I-S	-2.9302	0.0000	-0.1346	0.0000	0.0000	0.0000
1363	AASHTO-B-S	-0.5049	0.0000	-0.3299	0.0000	0.0000	0.0000
1363	AASHTO-BI-S	-3.1484	0.0000	-0.7924	0.0000	0.0000	0.0000
1363	AASHTO-VB-A-S	-1.9584	0.0000	-1.0678	0.0000	0.0000	0.0000
1363	AASHTO-VB-B-S	-0.4723	0.0000	-3.5342	0.0000	0.0000	0.0000
1364	AASHTO-I	-2.7343	0.0000	-0.2357	0.0000	0.0000	0.0000
1364	AASHTO-E	-0.4005	0.0000	-0.3254	0.0000	0.0000	0.0000
1364	AASHTO-BI	-3.1140	0.0000	-0.7257	0.0000	0.0000	0.0000
1364	AASHTO-VB-A	-1.8867	0.0000	-0.9409	0.0000	0.0000	0.0000
1364	AASHTO-VB-B	-0.3100	0.0000	-2.8074	0.0000	0.0000	0.0000
1364	AASHTO-VB-C	-1.9865	0.0000	-0.9056	0.0000	0.0000	0.0000
1364	AASHTO-VB-D	-0.4002	0.0000	-2.7675	0.0000	0.0000	0.0000
1364	AASHTO-I-S	-2.1095	0.0000	-0.1412	0.0000	0.0000	0.0000
1364	AASHTO-B-S	-0.3068	0.0000	-0.2500	0.0000	0.0000	0.0000
1364	AASHTO-BI-S	-2.4656	0.0000	-0.5478	0.0000	0.0000	0.0000
1364	AASHTO-VB-A-S	-1.4099	0.0000	-0.7228	0.0000	0.0000	0.0000
1364	AASHTO-VB-B-S	-0.2391	0.0000	-2.1598	0.0000	0.0000	0.0000
1365	AASHTO-I	-1.5206	0.0000	-0.2356	0.0000	0.0000	0.0000
1365	AASHTO-E	-0.0070	0.0000	-0.1882	0.0000	0.0000	0.0000
1365	AASHTO-BI	-1.8240	0.0000	-0.3194	0.0000	0.0000	0.0000
1365	AASHTO-VB-A	-1.0505	0.0000	-0.3728	0.0000	0.0000	0.0000
1365	AASHTO-VB-B	0.0566	0.0000	-0.9062	0.0000	0.0000	0.0000
1365	AASHTO-VB-C	-1.1911	0.0000	-0.3408	0.0000	0.0000	0.0000
1365	AASHTO-VB-D	-0.0747	0.0000	-0.8776	0.0000	0.0000	0.0000
1365	AASHTO-I-S	-1.2843	0.0000	-0.1412	0.0000	0.0000	0.0000
1365	AASHTO-B-S	-0.0058	0.0000	-0.1451	0.0000	0.0000	0.0000
1365	AASHTO-BI-S	-1.4269	0.0000	-0.2379	0.0000	0.0000	0.0000
1365	AASHTO-VB-A-S	-0.8098	0.0000	-0.2884	0.0000	0.0000	0.0000
1365	AASHTO-VB-B-S	0.0415	0.0000	-0.7099	0.0000	0.0000	0.0000
1366	AASHTO-I	-0.0301	0.0000	-0.2252	0.0000	0.0000	0.0000
1366	AASHTO-E	0.4538	0.0000	-0.0192	0.0000	0.0000	0.0000
1366	AASHTO-BI	-0.2307	0.0000	0.1712	0.0000	0.0000	0.0000
1366	AASHTO-VB-A	-0.0089	0.0000	0.3094	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1366	AASHTO-VB-B	0.4841	0.0000	1.3637	0.0000	0.0000	0.0000
1366	AASHTO-VB-C	-0.1855	0.0000	0.3306	0.0000	0.0000	0.0000
1366	AASHTO-VB-D	0.3102	0.0000	1.3788	0.0000	0.0000	0.0000
1366	AASHTO-I-E	-0.1997	0.0000	-0.1300	0.0000	0.0000	0.0000
1366	AASHTO-B-E	0.5470	0.0000	-0.0158	0.0000	0.0000	0.0000
1366	AASHTO-BI-E	-0.2172	0.0000	0.1309	0.0000	0.0000	0.0000
1366	AASHTO-VB-A-E	-0.0127	0.0000	0.2333	0.0000	0.0000	0.0000
1366	AASHTO-VB-B-E	0.3685	0.0000	1.0288	0.0000	0.0000	0.0000
1367	AASHTO-I	1.7416	0.0000	-0.2062	0.0000	0.0000	0.0000
1367	AASHTO-II	0.9656	0.0000	0.1822	0.0000	0.0000	0.0000
1367	AASHTO-III	1.9696	0.0000	0.7465	0.0000	0.0000	0.0000
1367	AASHTO-VB-A	1.2352	0.0000	1.1090	0.0000	0.0000	0.0000
1367	AASHTO-VB-B	0.9756	0.0000	4.8148	0.0000	0.0000	0.0000
1367	AASHTO-VB-C	1.0623	0.0000	1.1273	0.0000	0.0000	0.0000
1367	AASHTO-VB-D	0.7568	0.0000	4.5078	0.0000	0.0000	0.0000
1367	AASHTO-I-S	1.1567	0.0000	-0.1232	0.0000	0.0000	0.0000
1367	AASHTO-B-S	0.7539	0.0000	0.1382	0.0000	0.0000	0.0000
1367	AASHTO-BI-S	1.2262	0.0000	0.5750	0.0000	0.0000	0.0000
1367	AASHTO-VB-A-S	0.9338	0.0000	0.8445	0.0000	0.0000	0.0000
1367	AASHTO-VB-B-S	0.7444	0.0000	3.6510	0.0000	0.0000	0.0000
1368	AASHTO-I	3.6080	0.0000	-0.1765	0.0000	0.0000	0.0000
1368	AASHTO-II	1.5945	0.0000	0.4173	0.0000	0.0000	0.0000
1368	AASHTO-III	3.8605	0.0000	1.4169	0.0000	0.0000	0.0000
1368	AASHTO-VB-A	2.5703	0.0000	2.0337	0.0000	0.0000	0.0000
1368	AASHTO-VB-B	1.5372	0.0000	7.0727	0.0000	0.0000	0.0000
1368	AASHTO-VB-C	2.3609	0.0000	2.0419	0.0000	0.0000	0.0000
1368	AASHTO-VB-D	1.2701	0.0000	7.0415	0.0000	0.0000	0.0000
1368	AASHTO-I-S	2.5846	0.0000	-0.1061	0.0000	0.0000	0.0000
1368	AASHTO-B-S	1.2199	0.0000	0.3180	0.0000	0.0000	0.0000
1368	AASHTO-BI-S	2.9136	0.0000	1.2635	0.0000	0.0000	0.0000
1368	AASHTO-VB-A-S	2.0370	0.0000	1.5513	0.0000	0.0000	0.0000
1368	AASHTO-VB-B-S	1.1737	0.0000	5.3859	0.0000	0.0000	0.0000
1369	AASHTO-I	3.0930	490.5965	-0.0699	0.0000	0.0000	0.0000
1369	AASHTO-II	1.1437	342.5081	0.3441	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1369	AASHTO-III	3.2247	458.7954	1.0917	0.0000	0.0000	0.0000
1369	AASHTO-VB-A	2.1847	392.6461	1.5462	0.0000	0.0000	0.0000
1369	AASHTO-VB-B	1.0877	496.3598	5.2544	0.0000	0.0000	0.0000
1369	AASHTO-VB-C	1.9858	297.9822	1.5442	0.0000	0.0000	0.0000
1369	AASHTO-VB-D	0.9277	415.4601	5.2545	0.0000	0.0000	0.0000
1369	AASHTO-I-S	2.2331	310.6907	-0.0421	0.0000	0.0000	0.0000
1369	AASHTO-B-S	0.9750	263.4903	0.2625	0.0000	0.0000	0.0000
1369	AASHTO-BI-S	2.4291	339.3051	0.8331	0.0000	0.0000	0.0000
1369	AASHTO-VB-A-S	1.6531	292.7288	1.1802	0.0000	0.0000	0.0000
1369	AASHTO-VB-B-S	0.9308	363.0469	4.0274	0.0000	0.0000	0.0000
1370	AASHTO-I	-1.8280	0.0000	0.0599	0.0000	0.0000	0.0000
1370	AASHTO-II	-0.5844	0.0000	-0.1702	0.0000	0.0000	0.0000
1370	AASHTO-III	-1.9694	0.0000	-0.9672	0.0000	0.0000	0.0000
1370	AASHTO-VB-A	-1.2785	0.0000	-0.7871	0.0000	0.0000	0.0000
1370	AASHTO-VB-B	-0.5443	0.0000	-2.8788	0.0000	0.0000	0.0000
1370	AASHTO-VB-C	-1.2183	0.0000	-0.7667	0.0000	0.0000	0.0000
1370	AASHTO-VB-D	-0.4856	0.0000	-2.6705	0.0000	0.0000	0.0000
1370	AASHTO-I-S	-1.3553	0.0000	0.0223	0.0000	0.0000	0.0000
1370	AASHTO-B-S	-0.4485	0.0000	-0.1342	0.0000	0.0000	0.0000
1370	AASHTO-BI-S	-1.4906	0.0000	-0.4310	0.0000	0.0000	0.0000
1370	AASHTO-VB-A-S	-0.9810	0.0000	-0.8032	0.0000	0.0000	0.0000
1370	AASHTO-VB-B-S	-0.4171	0.0000	-2.0511	0.0000	0.0000	0.0000
1371	AASHTO-I	-3.2923	0.0000	0.1237	0.0000	0.0000	0.0000
1371	AASHTO-II	-1.2364	0.0000	-0.2614	0.0000	0.0000	0.0000
1371	AASHTO-III	-3.5477	0.0000	-0.9069	0.0000	0.0000	0.0000
1371	AASHTO-VB-A	-2.2920	0.0000	-1.2981	0.0000	0.0000	0.0000
1371	AASHTO-VB-B	-0.9628	0.0000	-4.5108	0.0000	0.0000	0.0000
1371	AASHTO-VB-C	-2.1879	0.0000	-1.3091	0.0000	0.0000	0.0000
1371	AASHTO-VB-D	-0.8617	0.0000	-4.5082	0.0000	0.0000	0.0000
1371	AASHTO-I-S	-2.4397	0.0000	0.0775	0.0000	0.0000	0.0000
1371	AASHTO-B-S	-0.7953	0.0000	-0.2301	0.0000	0.0000	0.0000
1371	AASHTO-BI-S	-2.7009	0.0000	-0.6973	0.0000	0.0000	0.0000
1371	AASHTO-VB-A-S	-1.7985	0.0000	-0.9944	0.0000	0.0000	0.0000
1371	AASHTO-VB-B-S	-0.7378	0.0000	-3.4509	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1372	AASHTO-I	-4.3510	0.0000	0.2378	0.0000	0.0000	0.0000
1372	AASHTO-II	-1.5498	0.0000	-0.2780	0.0000	0.0000	0.0000
1372	AASHTO-III	-4.5898	0.0000	-1.0560	0.0000	0.0000	0.0000
1372	AASHTO-VS-A	-3.0182	0.0000	-1.9668	0.0000	0.0000	0.0000
1372	AASHTO-VS-B	-1.2309	0.0000	-0.5767	0.0000	0.0000	0.0000
1372	AASHTO-VS-C	-2.8842	0.0000	-1.5915	0.0000	0.0000	0.0000
1372	AASHTO-VS-D	-1.1228	0.0000	-0.5839	0.0000	0.0000	0.0000
1372	AASHTO-I-E	-3.2228	0.0000	0.1498	0.0000	0.0000	0.0000
1372	AASHTO-II-E	-1.0356	0.0000	-0.2128	0.0000	0.0000	0.0000
1372	AASHTO-III-E	-3.5898	0.0000	-0.8144	0.0000	0.0000	0.0000
1372	AASHTO-VS-A-E	-2.3140	0.0000	-1.1998	0.0000	0.0000	0.0000
1372	AASHTO-VS-B-E	-0.9596	0.0000	-0.2715	0.0000	0.0000	0.0000
1373	AASHTO-I	-4.3669	0.0000	0.3595	0.0000	0.0000	0.0000
1373	AASHTO-II	-1.5252	0.0000	-0.2424	0.0000	0.0000	0.0000
1373	AASHTO-III	-5.3784	0.0000	-1.0482	0.0000	0.0000	0.0000
1373	AASHTO-VS-A	-3.4441	0.0000	-1.8261	0.0000	0.0000	0.0000
1373	AASHTO-VS-B	-1.4102	0.0000	-0.8695	0.0000	0.0000	0.0000
1373	AASHTO-VS-C	-3.2981	0.0000	-1.8682	0.0000	0.0000	0.0000
1373	AASHTO-VS-D	-1.2886	0.0000	-0.9803	0.0000	0.0000	0.0000
1373	AASHTO-I-S	-3.6940	0.0000	0.2233	0.0000	0.0000	0.0000
1373	AASHTO-II-S	-1.1702	0.0000	-0.1851	0.0000	0.0000	0.0000
1373	AASHTO-III-S	-4.2940	0.0000	-0.8124	0.0000	0.0000	0.0000
1373	AASHTO-VS-A-S	-2.6423	0.0000	-1.2465	0.0000	0.0000	0.0000
1373	AASHTO-VS-B-S	-1.0808	0.0000	-0.5836	0.0000	0.0000	0.0000
1374	AASHTO-I	-5.2113	0.0000	0.4650	0.0000	0.0000	0.0000
1374	AASHTO-II	-1.5667	0.0000	-0.1692	0.0000	0.0000	0.0000
1374	AASHTO-III	-5.6235	0.0000	-0.9181	0.0000	0.0000	0.0000
1374	AASHTO-VS-A	-3.5825	0.0000	-1.5157	0.0000	0.0000	0.0000
1374	AASHTO-VS-B	-1.4469	0.0000	-0.7487	0.0000	0.0000	0.0000
1374	AASHTO-VS-C	-3.4393	0.0000	-1.5705	0.0000	0.0000	0.0000
1374	AASHTO-VS-D	-1.3071	0.0000	-0.7846	0.0000	0.0000	0.0000
1374	AASHTO-I-E	-3.8577	0.0000	0.2912	0.0000	0.0000	0.0000
1374	AASHTO-II-E	-1.2037	0.0000	-0.1298	0.0000	0.0000	0.0000
1374	AASHTO-III-E	-4.3781	0.0000	-0.7152	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1374	AASHTO-VS-A-S	-2.7467	0.0000	-1.1601	0.0000	0.0000	0.0000
1374	AASHTO-VS-B-S	-1.1088	0.0000	-0.4074	0.0000	0.0000	0.0000
1375	AASHTO-I	-5.0365	0.0000	0.5525	0.0000	0.0000	0.0000
1375	AASHTO-II	-1.4894	0.0000	-0.0701	0.0000	0.0000	0.0000
1375	AASHTO-III	-5.4345	0.0000	-0.8894	0.0000	0.0000	0.0000
1375	AASHTO-VS-A	-3.4468	0.0000	-1.2595	0.0000	0.0000	0.0000
1375	AASHTO-VS-B	-1.3701	0.0000	-0.6290	0.0000	0.0000	0.0000
1375	AASHTO-VS-C	-3.3158	0.0000	-1.3273	0.0000	0.0000	0.0000
1375	AASHTO-VS-D	-1.2429	0.0000	-0.5602	0.0000	0.0000	0.0000
1375	AASHTO-I-S	-3.7285	0.0000	0.3460	0.0000	0.0000	0.0000
1375	AASHTO-II-S	-1.1456	0.0000	-0.0529	0.0000	0.0000	0.0000
1375	AASHTO-III-S	-4.1376	0.0000	-0.5436	0.0000	0.0000	0.0000
1375	AASHTO-VS-A-S	-2.6456	0.0000	-0.9638	0.0000	0.0000	0.0000
1375	AASHTO-VS-B-S	-1.0006	0.0000	-0.4495	0.0000	0.0000	0.0000
1376	AASHTO-I	-4.4904	0.0000	0.6129	0.0000	0.0000	0.0000
1376	AASHTO-II	-1.2974	0.0000	0.0464	0.0000	0.0000	0.0000
1376	AASHTO-III	-4.8497	0.0000	-0.3840	0.0000	0.0000	0.0000
1376	AASHTO-VS-A	-3.0062	0.0000	-0.8841	0.0000	0.0000	0.0000
1376	AASHTO-VS-B	-1.1936	0.0000	-0.4732	0.0000	0.0000	0.0000
1376	AASHTO-VS-C	-2.9497	0.0000	-0.9620	0.0000	0.0000	0.0000
1376	AASHTO-VS-D	-1.0854	0.0000	-0.4090	0.0000	0.0000	0.0000
1376	AASHTO-I-S	-3.3256	0.0000	0.3839	0.0000	0.0000	0.0000
1376	AASHTO-II-S	-0.9960	0.0000	0.0365	0.0000	0.0000	0.0000
1376	AASHTO-III-S	-3.6944	0.0000	-0.3116	0.0000	0.0000	0.0000
1376	AASHTO-VS-A-S	-2.3462	0.0000	-0.6763	0.0000	0.0000	0.0000
1376	AASHTO-VS-B-S	-0.9118	0.0000	-0.3640	0.0000	0.0000	0.0000
1377	AASHTO-I	-3.5982	0.0000	0.6434	0.0000	0.0000	0.0000
1377	AASHTO-II	-1.0016	0.0000	0.1748	0.0000	0.0000	0.0000
1377	AASHTO-III	-3.8923	0.0000	-0.0158	0.0000	0.0000	0.0000
1377	AASHTO-VS-A	-2.4292	0.0000	-0.4068	0.0000	0.0000	0.0000
1377	AASHTO-VS-B	-0.9139	0.0000	-0.3352	0.0000	0.0000	0.0000
1377	AASHTO-VS-C	-2.3573	0.0000	-0.4916	0.0000	0.0000	0.0000
1377	AASHTO-VS-D	-0.8423	0.0000	-0.4147	0.0000	0.0000	0.0000
1377	AASHTO-I-S	-2.9679	0.0000	0.4032	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1377	AASHTO-B-S	-0.7998	0.0000	0.1349	0.0000	0.0000	0.0000
1377	AASHTO-BI-E	-2.9886	0.0000	-0.0015	0.0000	0.0000	0.0000
1377	AASHTO-VB-A-S	-1.8864	0.0000	-0.3111	0.0000	0.0000	0.0000
1377	AASHTO-VB-B-S	-0.7007	0.0000	-1.7864	0.0000	0.0000	0.0000
1378	AASHTO-I	-2.3788	0.0000	0.8440	0.0000	0.0000	0.0000
1378	AASHTO-E	-0.6084	0.0000	0.3131	0.0000	0.0000	0.0000
1378	AASHTO-BI	-2.5840	0.0000	0.4082	0.0000	0.0000	0.0000
1378	AASHTO-VB-A	-1.5796	0.0000	0.1631	0.0000	0.0000	0.0000
1378	AASHTO-VB-B	-0.5482	0.0000	-0.4467	0.0000	0.0000	0.0000
1378	AASHTO-VB-C	-1.5518	0.0000	0.0744	0.0000	0.0000	0.0000
1378	AASHTO-VB-D	-0.5189	0.0000	-0.5396	0.0000	0.0000	0.0000
1378	AASHTO-I-S	-1.7699	0.0000	0.4036	0.0000	0.0000	0.0000
1378	AASHTO-B-S	-0.4887	0.0000	0.2406	0.0000	0.0000	0.0000
1378	AASHTO-BI-S	-1.9767	0.0000	0.2917	0.0000	0.0000	0.0000
1378	AASHTO-VB-A-S	-1.2163	0.0000	0.1246	0.0000	0.0000	0.0000
1378	AASHTO-VB-B-S	-0.4213	0.0000	-0.3410	0.0000	0.0000	0.0000
1379	AASHTO-I	-0.8424	0.0000	0.6162	0.0000	0.0000	0.0000
1379	AASHTO-E	-0.1208	0.0000	0.4613	0.0000	0.0000	0.0000
1379	AASHTO-BI	-0.8347	0.0000	0.6676	0.0000	0.0000	0.0000
1379	AASHTO-VB-A	-0.5141	0.0000	0.8238	0.0000	0.0000	0.0000
1379	AASHTO-VB-B	-0.0860	0.0000	1.7544	0.0000	0.0000	0.0000
1379	AASHTO-VB-C	-0.5409	0.0000	0.7341	0.0000	0.0000	0.0000
1379	AASHTO-VB-D	-0.1179	0.0000	1.8401	0.0000	0.0000	0.0000
1379	AASHTO-I-S	-0.8392	0.0000	0.3987	0.0000	0.0000	0.0000
1379	AASHTO-B-S	-0.0959	0.0000	0.2539	0.0000	0.0000	0.0000
1379	AASHTO-BI-S	-0.7258	0.0000	0.6578	0.0000	0.0000	0.0000
1379	AASHTO-VB-A-S	-0.4012	0.0000	0.6286	0.0000	0.0000	0.0000
1379	AASHTO-VB-B-S	-0.0761	0.0000	1.3681	0.0000	0.0000	0.0000
1380	AASHTO-I	1.0127	0.0000	0.5623	0.0000	0.0000	0.0000
1380	AASHTO-E	0.4624	0.0000	0.6218	0.0000	0.0000	0.0000
1380	AASHTO-BI	1.0595	0.0000	1.4273	0.0000	0.0000	0.0000
1380	AASHTO-VB-A	0.7683	0.0000	1.5806	0.0000	0.0000	0.0000
1380	AASHTO-VB-B	0.4405	0.0000	4.3717	0.0000	0.0000	0.0000
1380	AASHTO-VB-C	0.6759	0.0000	1.4925	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1380	AASHTO-VB-D	0.3618	0.0000	4.2570	0.0000	0.0000	0.0000
1380	AASHTO-I-S	0.7202	0.0000	0.3533	0.0000	0.0000	0.0000
1380	AASHTO-B-S	0.3505	0.0000	0.4764	0.0000	0.0000	0.0000
1380	AASHTO-BI-S	0.7818	0.0000	1.0704	0.0000	0.0000	0.0000
1380	AASHTO-VB-A-S	0.5797	0.0000	1.2077	0.0000	0.0000	0.0000
1380	AASHTO-VB-B-S	0.3361	0.0000	3.3452	0.0000	0.0000	0.0000
1381	AASHTO-I	3.1967	0.0000	0.4846	0.0000	0.0000	0.0000
1381	AASHTO-E	1.1449	0.0000	0.7978	0.0000	0.0000	0.0000
1381	AASHTO-BI	3.4057	0.0000	2.0359	0.0000	0.0000	0.0000
1381	AASHTO-VB-A	2.2759	0.0000	2.4431	0.0000	0.0000	0.0000
1381	AASHTO-VB-B	1.0702	0.0000	7.3435	0.0000	0.0000	0.0000
1381	AASHTO-VB-C	2.1121	0.0000	2.3548	0.0000	0.0000	0.0000
1381	AASHTO-VB-D	0.8232	0.0000	7.2152	0.0000	0.0000	0.0000
1381	AASHTO-I-S	2.3309	0.0000	0.3052	0.0000	0.0000	0.0000
1381	AASHTO-B-S	0.8725	0.0000	0.6198	0.0000	0.0000	0.0000
1381	AASHTO-BI-S	2.5676	0.0000	1.5356	0.0000	0.0000	0.0000
1381	AASHTO-VB-A-S	1.7323	0.0000	1.8864	0.0000	0.0000	0.0000
1381	AASHTO-VB-B-S	0.8186	0.0000	5.6191	0.0000	0.0000	0.0000
1382	AASHTO-I	2.9620	624.8361	0.1925	0.0000	0.0000	0.0000
1382	AASHTO-E	0.9661	369.0517	0.4963	0.0000	0.0000	0.0000
1382	AASHTO-BI	3.0568	527.2022	1.3603	0.0000	0.0000	0.0000
1382	AASHTO-VB-A	2.0087	382.7523	1.7109	0.0000	0.0000	0.0000
1382	AASHTO-VB-B	0.8960	227.0292	5.3660	0.0000	0.0000	0.0000
1382	AASHTO-VB-C	1.8648	296.8016	1.6715	0.0000	0.0000	0.0000
1382	AASHTO-VB-D	0.7953	131.3363	5.2954	0.0000	0.0000	0.0000
1382	AASHTO-I-S	2.0943	412.7589	0.1217	0.0000	0.0000	0.0000
1382	AASHTO-B-S	0.7373	299.2747	0.3797	0.0000	0.0000	0.0000
1382	AASHTO-BI-S	2.3062	389.8868	1.0300	0.0000	0.0000	0.0000
1382	AASHTO-VB-A-S	1.5323	294.4776	1.3089	0.0000	0.0000	0.0000
1382	AASHTO-VB-B-S	0.6867	174.8702	4.1047	0.0000	0.0000	0.0000
1383	AASHTO-I	-1.8280	0.0000	-0.0356	0.0000	0.0000	0.0000
1383	AASHTO-E	-0.5843	0.0000	-0.2156	0.0000	0.0000	0.0000
1383	AASHTO-BI	-1.9409	0.0000	-0.6292	0.0000	0.0000	0.0000
1383	AASHTO-VB-A	-1.2778	0.0000	-0.8309	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1383	AASHTO-V8-B	-0.5403	0.0000	-2.7184	0.0000	0.0000	0.0000
1383	AASHTO-V8-C	-1.2179	0.0000	-6.6238	0.0000	0.0000	0.0000
1383	AASHTO-V8-D	-0.4856	0.0000	-2.7007	0.0000	0.0000	0.0000
1383	AASHTO-I-S	-1.3553	0.0000	-0.0223	0.0000	0.0000	0.0000
1383	AASHTO-II-S	-0.4485	0.0000	-0.1653	0.0000	0.0000	0.0000
1383	AASHTO-III-S	-1.4803	0.0000	-0.4803	0.0000	0.0000	0.0000
1383	AASHTO-V8-A-S	-0.6808	0.0000	-0.6388	0.0000	0.0000	0.0000
1383	AASHTO-V8-B-S	-0.4172	0.0000	-2.0818	0.0000	0.0000	0.0000
1384	AASHTO-I	-3.2923	0.0000	-0.1237	0.0000	0.0000	0.0000
1384	AASHTO-II	-1.0365	0.0000	-0.4017	0.0000	0.0000	0.0000
1384	AASHTO-III	-3.4992	0.0000	-1.1223	0.0000	0.0000	0.0000
1384	AASHTO-V8-A	-2.2917	0.0000	-1.4500	0.0000	0.0000	0.0000
1384	AASHTO-V8-B	-0.9637	0.0000	-4.9498	0.0000	0.0000	0.0000
1384	AASHTO-V8-C	-2.1881	0.0000	-1.4275	0.0000	0.0000	0.0000
1384	AASHTO-V8-D	-0.8645	0.0000	-4.8126	0.0000	0.0000	0.0000
1384	AASHTO-I-S	-2.4397	0.0000	-0.0775	0.0000	0.0000	0.0000
1384	AASHTO-II-S	-0.7954	0.0000	-0.3080	0.0000	0.0000	0.0000
1384	AASHTO-III-S	-2.6842	0.0000	-0.8546	0.0000	0.0000	0.0000
1384	AASHTO-V8-A-S	-1.7088	0.0000	-1.1113	0.0000	0.0000	0.0000
1384	AASHTO-V8-B-S	-0.7401	0.0000	-3.5821	0.0000	0.0000	0.0000
1385	AASHTO-I	-4.3010	0.0000	-0.2376	0.0000	0.0000	0.0000
1385	AASHTO-II	-1.3501	0.0000	-0.5476	0.0000	0.0000	0.0000
1385	AASHTO-III	-4.6223	0.0000	-1.4696	0.0000	0.0000	0.0000
1385	AASHTO-V8-A	-3.0166	0.0000	-1.9586	0.0000	0.0000	0.0000
1385	AASHTO-V8-B	-1.2053	0.0000	-5.8400	0.0000	0.0000	0.0000
1385	AASHTO-V8-C	-2.8853	0.0000	-1.8190	0.0000	0.0000	0.0000
1385	AASHTO-V8-D	-1.1289	0.0000	-5.7629	0.0000	0.0000	0.0000
1385	AASHTO-I-S	-3.2228	0.0000	-0.1488	0.0000	0.0000	0.0000
1385	AASHTO-II-S	-1.0361	0.0000	-0.4198	0.0000	0.0000	0.0000
1385	AASHTO-III-S	-3.5189	0.0000	-1.1170	0.0000	0.0000	0.0000
1385	AASHTO-V8-A-S	-2.3151	0.0000	-1.4244	0.0000	0.0000	0.0000
1385	AASHTO-V8-B-S	-0.9642	0.0000	-4.4747	0.0000	0.0000	0.0000
1386	AASHTO-I	-4.9668	0.0000	-0.3569	0.0000	0.0000	0.0000
1386	AASHTO-II	-1.5258	0.0000	-0.6468	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1386	AASHTO-III	-5.2874	0.0000	-1.6667	0.0000	0.0000	0.0000
1386	AASHTO-V8-A	-3.4454	0.0000	-2.0607	0.0000	0.0000	0.0000
1386	AASHTO-V8-B	-1.4186	0.0000	-6.9520	0.0000	0.0000	0.0000
1386	AASHTO-V8-C	-3.3013	0.0000	-2.0093	0.0000	0.0000	0.0000
1386	AASHTO-V8-D	-1.2913	0.0000	-6.2783	0.0000	0.0000	0.0000
1386	AASHTO-I-S	-3.6940	0.0000	-0.2233	0.0000	0.0000	0.0000
1386	AASHTO-II-S	-1.1709	0.0000	-0.4960	0.0000	0.0000	0.0000
1386	AASHTO-III-S	-4.0328	0.0000	-1.3944	0.0000	0.0000	0.0000
1386	AASHTO-V8-A-S	-2.6443	0.0000	-1.5833	0.0000	0.0000	0.0000
1386	AASHTO-V8-B-S	-1.0896	0.0000	-4.9572	0.0000	0.0000	0.0000
1387	AASHTO-I	-5.2110	0.0000	-0.4650	0.0000	0.0000	0.0000
1387	AASHTO-II	-1.5886	0.0000	-0.6948	0.0000	0.0000	0.0000
1387	AASHTO-III	-5.5307	0.0000	-1.7072	0.0000	0.0000	0.0000
1387	AASHTO-V8-A	-3.5844	0.0000	-2.0861	0.0000	0.0000	0.0000
1387	AASHTO-V8-B	-1.4586	0.0000	-6.2563	0.0000	0.0000	0.0000
1387	AASHTO-V8-C	-3.4419	0.0000	-2.0151	0.0000	0.0000	0.0000
1387	AASHTO-V8-D	-1.3229	0.0000	-6.1664	0.0000	0.0000	0.0000
1387	AASHTO-I-S	-3.8577	0.0000	-0.2912	0.0000	0.0000	0.0000
1387	AASHTO-II-S	-1.2546	0.0000	-0.5340	0.0000	0.0000	0.0000
1387	AASHTO-III-S	-4.2107	0.0000	-1.3072	0.0000	0.0000	0.0000
1387	AASHTO-V8-A-S	-2.7514	0.0000	-1.5990	0.0000	0.0000	0.0000
1387	AASHTO-V8-B-S	-1.1213	0.0000	-4.7945	0.0000	0.0000	0.0000
1388	AASHTO-I	-5.0363	0.0000	-0.3525	0.0000	0.0000	0.0000
1388	AASHTO-II	-1.4905	0.0000	-0.6967	0.0000	0.0000	0.0000
1388	AASHTO-III	-5.3426	0.0000	-1.8505	0.0000	0.0000	0.0000
1388	AASHTO-V8-A	-3.4489	0.0000	-1.8367	0.0000	0.0000	0.0000
1388	AASHTO-V8-B	-1.3849	0.0000	-5.8255	0.0000	0.0000	0.0000
1388	AASHTO-V8-C	-3.3190	0.0000	-1.8548	0.0000	0.0000	0.0000
1388	AASHTO-V8-D	-1.2816	0.0000	-5.6275	0.0000	0.0000	0.0000
1388	AASHTO-I-S	-3.7395	0.0000	-0.3460	0.0000	0.0000	0.0000
1388	AASHTO-II-S	-1.1441	0.0000	-0.5346	0.0000	0.0000	0.0000
1388	AASHTO-III-S	-4.0885	0.0000	-1.2462	0.0000	0.0000	0.0000
1388	AASHTO-V8-A-S	-2.6480	0.0000	-1.4850	0.0000	0.0000	0.0000
1388	AASHTO-V8-B-S	-1.0649	0.0000	-4.9127	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-lb/s)	Force Y (m-lb/s)	Force Z (m-lb/s)	Moment X (m-lb/s-m)	Moment Y (m-lb/s-m)	Moment Z (m-lb/s-m)
1389	AASHTO-I	-4.4864	0.0000	-0.6129	0.0000	0.0000	0.0000
1389	AASHTO-II	-1.2985	0.0000	-0.9488	0.0000	0.0000	0.0000
1389	AASHTO-III	-4.7804	0.0000	-1.4498	0.0000	0.0000	0.0000
1389	AASHTO-VII-A	-3.0577	0.0000	-1.8348	0.0000	0.0000	0.0000
1389	AASHTO-VII-B	-1.2055	0.0000	-4.5248	0.0000	0.0000	0.0000
1389	AASHTO-VII-C	-2.9523	0.0000	-1.5466	0.0000	0.0000	0.0000
1389	AASHTO-VII-D	-1.1054	0.0000	-4.4251	0.0000	0.0000	0.0000
1389	AASHTO-I-S	-3.3256	0.0000	-0.3639	0.0000	0.0000	0.0000
1389	AASHTO-II-S	-0.9872	0.0000	-0.4982	0.0000	0.0000	0.0000
1389	AASHTO-III-S	-3.6273	0.0000	-1.0916	0.0000	0.0000	0.0000
1389	AASHTO-VII-A-S	-2.3490	0.0000	-1.2541	0.0000	0.0000	0.0000
1389	AASHTO-VII-B-S	-0.9279	0.0000	-3.4720	0.0000	0.0000	0.0000
1390	AASHTO-I	-3.5962	0.0000	-0.6434	0.0000	0.0000	0.0000
1390	AASHTO-II	-1.0027	0.0000	-0.5552	0.0000	0.0000	0.0000
1390	AASHTO-III	-3.9106	0.0000	-1.1341	0.0000	0.0000	0.0000
1390	AASHTO-VII-A	-2.4293	0.0000	-1.1936	0.0000	0.0000	0.0000
1390	AASHTO-VII-B	-0.9291	0.0000	-3.5050	0.0000	0.0000	0.0000
1390	AASHTO-VII-C	-2.3084	0.0000	-1.1044	0.0000	0.0000	0.0000
1390	AASHTO-VII-D	-0.8618	0.0000	-2.9108	0.0000	0.0000	0.0000
1390	AASHTO-I-S	-2.6879	0.0000	-0.4232	0.0000	0.0000	0.0000
1390	AASHTO-II-S	-0.7707	0.0000	-0.4296	0.0000	0.0000	0.0000
1390	AASHTO-III-S	-2.9078	0.0000	-0.8503	0.0000	0.0000	0.0000
1390	AASHTO-VII-A-S	-1.8884	0.0000	-0.9172	0.0000	0.0000	0.0000
1390	AASHTO-VII-B-S	-0.7166	0.0000	-2.3115	0.0000	0.0000	0.0000
1391	AASHTO-I	-2.3789	0.0000	-0.8440	0.0000	0.0000	0.0000
1391	AASHTO-II	-0.6085	0.0000	-0.4179	0.0000	0.0000	0.0000
1391	AASHTO-III	-2.5145	0.0000	-0.7102	0.0000	0.0000	0.0000
1391	AASHTO-VII-A	-1.5772	0.0000	-0.8230	0.0000	0.0000	0.0000
1391	AASHTO-VII-B	-0.5917	0.0000	-1.9987	0.0000	0.0000	0.0000
1391	AASHTO-VII-C	-1.5505	0.0000	-0.5376	0.0000	0.0000	0.0000
1391	AASHTO-VII-D	-0.5354	0.0000	-1.9153	0.0000	0.0000	0.0000
1391	AASHTO-I-S	-1.7699	0.0000	-0.4038	0.0000	0.0000	0.0000
1391	AASHTO-II-S	-0.4897	0.0000	-0.3218	0.0000	0.0000	0.0000
1391	AASHTO-III-S	-1.8257	0.0000	-0.5376	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-lb/s)	Force Y (m-lb/s)	Force Z (m-lb/s)	Moment X (m-lb/s-m)	Moment Y (m-lb/s-m)	Moment Z (m-lb/s-m)
1391	AASHTO-VII-A-S	-1.2169	0.0000	-0.4815	0.0000	0.0000	0.0000
1391	AASHTO-VII-B-S	-0.4356	0.0000	-0.8546	0.0000	0.0000	0.0000
1392	AASHTO-I	-0.6424	0.0000	-0.8182	0.0000	0.0000	0.0000
1392	AASHTO-II	-0.1213	0.0000	-0.2389	0.0000	0.0000	0.0000
1392	AASHTO-III	-0.8819	0.0000	-0.1813	0.0000	0.0000	0.0000
1392	AASHTO-VII-A	-0.5081	0.0000	0.5737	0.0000	0.0000	0.0000
1392	AASHTO-VII-B	-0.1058	0.0000	1.1911	0.0000	0.0000	0.0000
1392	AASHTO-VII-C	-0.5302	0.0000	0.1105	0.0000	0.0000	0.0000
1392	AASHTO-VII-D	-0.1293	0.0000	1.2529	0.0000	0.0000	0.0000
1392	AASHTO-I-S	-0.6392	0.0000	-0.3967	0.0000	0.0000	0.0000
1392	AASHTO-II-S	-0.0963	0.0000	-0.1548	0.0000	0.0000	0.0000
1392	AASHTO-III-S	-0.8890	0.0000	-0.1259	0.0000	0.0000	0.0000
1392	AASHTO-VII-A-S	-0.3995	0.0000	0.0505	0.0000	0.0000	0.0000
1392	AASHTO-VII-B-S	-0.0870	0.0000	0.8909	0.0000	0.0000	0.0000
1393	AASHTO-I	1.0127	0.0000	-0.5623	0.0000	0.0000	0.0000
1393	AASHTO-II	0.4624	0.0000	-0.2175	0.0000	0.0000	0.0000
1393	AASHTO-III	1.0891	0.0000	0.4536	0.0000	0.0000	0.0000
1393	AASHTO-VII-A	0.7790	0.0000	0.8090	0.0000	0.0000	0.0000
1393	AASHTO-VII-B	0.4396	0.0000	3.8697	0.0000	0.0000	0.0000
1393	AASHTO-VII-C	0.6885	0.0000	0.9629	0.0000	0.0000	0.0000
1393	AASHTO-VII-D	0.3573	0.0000	3.8043	0.0000	0.0000	0.0000
1393	AASHTO-I-S	0.7252	0.0000	-0.3533	0.0000	0.0000	0.0000
1393	AASHTO-II-S	0.3521	0.0000	-0.0159	0.0000	0.0000	0.0000
1393	AASHTO-III-S	0.8031	0.0000	0.3559	0.0000	0.0000	0.0000
1393	AASHTO-VII-A-S	0.5844	0.0000	0.6805	0.0000	0.0000	0.0000
1393	AASHTO-VII-B-S	0.3300	0.0000	2.8343	0.0000	0.0000	0.0000
1394	AASHTO-I	3.1967	0.0000	-0.4646	0.0000	0.0000	0.0000
1394	AASHTO-II	1.1457	0.0000	0.2458	0.0000	0.0000	0.0000
1394	AASHTO-III	3.4087	0.0000	1.1994	0.0000	0.0000	0.0000
1394	AASHTO-VII-A	2.2918	0.0000	1.8594	0.0000	0.0000	0.0000
1394	AASHTO-VII-B	1.0781	0.0000	9.3653	0.0000	0.0000	0.0000
1394	AASHTO-VII-C	2.1276	0.0000	1.8055	0.0000	0.0000	0.0000
1394	AASHTO-VII-D	0.9279	0.0000	9.3662	0.0000	0.0000	0.0000
1394	AASHTO-I-S	2.3309	0.0000	-0.3052	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-fuerza)	Force Y (ton-fuerza)	Force Z (ton-fuerza)	Momento X (ton-fuerza-m)	Momento Y (ton-fuerza-m)	Momento Z (ton-fuerza-m)
1394	AASHTO-B-S	0.8727	0.0000	0.1952	0.0000	0.0000	0.0000
1394	AASHTO-BI-S	2.3590	0.0000	0.8197	0.0000	0.0000	0.0000
1394	AASHTO-VB-A-S	1.7407	0.0000	1.4136	0.0000	0.0000	0.0000
1394	AASHTO-VB-B-S	0.8182	0.0000	5.2952	0.0000	0.0000	0.0000
1395	AASHTO-I	2.8625	624.8361	-0.1925	0.0000	0.0000	0.0000
1395	AASHTO-II	0.9669	414.2561	0.3764	0.0000	0.0000	0.0000
1395	AASHTO-III	3.0463	604.6912	1.0293	0.0000	0.0000	0.0000
1395	AASHTO-VB-A	2.0204	486.0808	1.4816	0.0000	0.0000	0.0000
1395	AASHTO-VB-B	0.9679	571.3788	5.2537	0.0000	0.0000	0.0000
1395	AASHTO-VB-C	1.8859	389.9311	1.4939	0.0000	0.0000	0.0000
1395	AASHTO-VB-D	0.7932	474.9834	5.2341	0.0000	0.0000	0.0000
1395	AASHTO-I-E	2.0943	412.7589	-0.1217	0.0000	0.0000	0.0000
1395	AASHTO-II-S	0.7377	518.8258	0.2298	0.0000	0.0000	0.0000
1395	AASHTO-III-E	2.2853	449.4857	0.7854	0.0000	0.0000	0.0000
1395	AASHTO-VB-A-E	1.5387	373.8084	1.1280	0.0000	0.0000	0.0000
1395	AASHTO-VB-B-E	0.6906	438.2474	3.8983	0.0000	0.0000	0.0000
1396	AASHTO-I	-1.9196	0.0000	0.0217	0.0000	0.0000	0.0000
1396	AASHTO-II	-0.6376	0.0000	-0.1850	0.0000	0.0000	0.0000
1396	AASHTO-III	-2.0462	0.0000	-0.6052	0.0000	0.0000	0.0000
1396	AASHTO-VB-A	-1.3348	0.0000	-0.7988	0.0000	0.0000	0.0000
1396	AASHTO-VB-B	-0.5886	0.0000	-2.8967	0.0000	0.0000	0.0000
1396	AASHTO-VB-C	-1.2616	0.0000	-0.7978	0.0000	0.0000	0.0000
1396	AASHTO-VB-D	-0.5173	0.0000	-2.6873	0.0000	0.0000	0.0000
1396	AASHTO-I-S	-1.4137	0.0000	0.0142	0.0000	0.0000	0.0000
1396	AASHTO-II-S	-0.4694	0.0000	-0.1417	0.0000	0.0000	0.0000
1396	AASHTO-III-S	-1.5074	0.0000	-0.4633	0.0000	0.0000	0.0000
1396	AASHTO-VB-A-S	-1.0241	0.0000	-0.8119	0.0000	0.0000	0.0000
1396	AASHTO-VB-B-S	-0.4014	0.0000	-2.0609	0.0000	0.0000	0.0000
1397	AASHTO-I	-3.6087	0.0000	0.0739	0.0000	0.0000	0.0000
1397	AASHTO-II	-1.2197	0.0000	-0.2980	0.0000	0.0000	0.0000
1397	AASHTO-III	-5.8195	0.0000	-1.0009	0.0000	0.0000	0.0000
1397	AASHTO-VB-A	-2.4856	0.0000	-1.3390	0.0000	0.0000	0.0000
1397	AASHTO-VB-B	-1.1185	0.0000	-4.9811	0.0000	0.0000	0.0000
1397	AASHTO-VB-C	-2.3377	0.0000	-1.3412	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-fuerza)	Force Y (ton-fuerza)	Force Z (ton-fuerza)	Momento X (ton-fuerza-m)	Momento Y (ton-fuerza-m)	Momento Z (ton-fuerza-m)
1397	AASHTO-VB-D	-2.9719	0.0000	-4.5684	0.0000	0.0000	0.0000
1397	AASHTO-I-E	-2.6407	0.0000	0.0463	0.0000	0.0000	0.0000
1397	AASHTO-II-S	-0.9962	0.0000	-0.2246	0.0000	0.0000	0.0000
1397	AASHTO-III-S	-2.9005	0.0000	-0.7668	0.0000	0.0000	0.0000
1397	AASHTO-VB-A-S	-1.9075	0.0000	-1.0254	0.0000	0.0000	0.0000
1397	AASHTO-VB-B-S	-0.8567	0.0000	-3.5084	0.0000	0.0000	0.0000
1398	AASHTO-I	-4.9575	0.0000	0.1412	0.0000	0.0000	0.0000
1398	AASHTO-II	-1.7007	0.0000	-0.3448	0.0000	0.0000	0.0000
1398	AASHTO-III	-8.2105	0.0000	-1.2119	0.0000	0.0000	0.0000
1398	AASHTO-VB-A	-3.3672	0.0000	-1.6409	0.0000	0.0000	0.0000
1398	AASHTO-VB-B	-1.5459	0.0000	-5.7116	0.0000	0.0000	0.0000
1398	AASHTO-VB-C	-3.1713	0.0000	-1.6536	0.0000	0.0000	0.0000
1398	AASHTO-VB-D	-1.3947	0.0000	-5.7008	0.0000	0.0000	0.0000
1398	AASHTO-I-S	-3.5080	0.0000	0.0923	0.0000	0.0000	0.0000
1398	AASHTO-II-S	-1.3055	0.0000	-0.2639	0.0000	0.0000	0.0000
1398	AASHTO-III-S	-3.9520	0.0000	-0.9294	0.0000	0.0000	0.0000
1398	AASHTO-VB-A-S	-2.5966	0.0000	-1.2398	0.0000	0.0000	0.0000
1398	AASHTO-VB-B-S	-1.1668	0.0000	-4.3739	0.0000	0.0000	0.0000
1399	AASHTO-I	-5.8672	0.0000	0.2112	0.0000	0.0000	0.0000
1399	AASHTO-II	-2.0508	0.0000	-0.3429	0.0000	0.0000	0.0000
1399	AASHTO-III	-9.1590	0.0000	-1.2639	0.0000	0.0000	0.0000
1399	AASHTO-VB-A	-4.0001	0.0000	-1.7464	0.0000	0.0000	0.0000
1399	AASHTO-VB-B	-1.8525	0.0000	-6.1624	0.0000	0.0000	0.0000
1399	AASHTO-VB-C	-3.7294	0.0000	-1.7619	0.0000	0.0000	0.0000
1399	AASHTO-VB-D	-1.5875	0.0000	-6.1561	0.0000	0.0000	0.0000
1399	AASHTO-I-S	-4.2710	0.0000	0.1360	0.0000	0.0000	0.0000
1399	AASHTO-II-S	-1.5745	0.0000	-0.2622	0.0000	0.0000	0.0000
1399	AASHTO-III-S	-4.8667	0.0000	-0.9705	0.0000	0.0000	0.0000
1399	AASHTO-VB-A-S	-3.0705	0.0000	-1.3385	0.0000	0.0000	0.0000
1399	AASHTO-VB-B-S	-1.4228	0.0000	-4.7175	0.0000	0.0000	0.0000
1400	AASHTO-I	-6.3946	0.0000	0.2750	0.0000	0.0000	0.0000
1400	AASHTO-II	-2.2536	0.0000	-0.3005	0.0000	0.0000	0.0000
1400	AASHTO-III	-8.9369	0.0000	-1.1819	0.0000	0.0000	0.0000
1400	AASHTO-VB-A	-4.3069	0.0000	-1.6700	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (tn-fuerz)	Force Y (tn-fuerz)	Force Z (tn-fuerz)	Moment X (tn-fuerz-m)	Moment Y (tn-fuerz-m)	Moment Z (tn-fuerz-m)
1400	AASHTO-V8-B	-2.0237	0.0000	-6.0154	0.0000	0.0000	0.0000
1400	AASHTO-V8-C	-0.9860	0.0000	-1.6825	0.0000	0.0000	0.0000
1400	AASHTO-V8-D	-1.7219	0.0000	-6.0146	0.0000	0.0000	0.0000
1400	AASHTO-I-S	-4.8084	0.0000	0.1796	0.0000	0.0000	0.0000
1400	AASHTO-B-S	-1.7303	0.0000	-0.2296	0.0000	0.0000	0.0000
1400	AASHTO-BI-S	-0.0342	0.0000	-0.9091	0.0000	0.0000	0.0000
1400	AASHTO-V8-A-S	-3.3063	0.0000	-1.2779	0.0000	0.0000	0.0000
1400	AASHTO-V8-B-S	-1.5548	0.0000	-4.6025	0.0000	0.0000	0.0000
1401	AASHTO-I	-6.4413	0.0000	0.3262	0.0000	0.0000	0.0000
1401	AASHTO-B	-2.3026	0.0000	-0.2264	0.0000	0.0000	0.0000
1401	AASHTO-BI	-6.5418	0.0000	-0.9685	0.0000	0.0000	0.0000
1401	AASHTO-V8-A	-4.3069	0.0000	-1.4429	0.0000	0.0000	0.0000
1401	AASHTO-V8-B	-2.0358	0.0000	-5.3436	0.0000	0.0000	0.0000
1401	AASHTO-V8-C	-3.9815	0.0000	-1.4722	0.0000	0.0000	0.0000
1401	AASHTO-V8-D	-1.7359	0.0000	-5.3541	0.0000	0.0000	0.0000
1401	AASHTO-I-S	-4.8208	0.0000	0.2131	0.0000	0.0000	0.0000
1401	AASHTO-B-S	-1.7684	0.0000	-0.1729	0.0000	0.0000	0.0000
1401	AASHTO-BI-S	-0.0235	0.0000	-0.7625	0.0000	0.0000	0.0000
1401	AASHTO-V8-A-S	-3.3071	0.0000	-1.1099	0.0000	0.0000	0.0000
1401	AASHTO-V8-B-S	-1.5800	0.0000	-4.0890	0.0000	0.0000	0.0000
1402	AASHTO-I	-6.0474	0.0000	0.3614	0.0000	0.0000	0.0000
1402	AASHTO-B	-2.1991	0.0000	-0.1272	0.0000	0.0000	0.0000
1402	AASHTO-BI	-6.1670	0.0000	-0.7031	0.0000	0.0000	0.0000
1402	AASHTO-V8-A	-4.0096	0.0000	-1.0874	0.0000	0.0000	0.0000
1402	AASHTO-V8-B	-1.9504	0.0000	-4.2223	0.0000	0.0000	0.0000
1402	AASHTO-V8-C	-3.6875	0.0000	-1.1228	0.0000	0.0000	0.0000
1402	AASHTO-V8-D	-1.8327	0.0000	-4.2432	0.0000	0.0000	0.0000
1402	AASHTO-I-S	-4.3145	0.0000	0.2361	0.0000	0.0000	0.0000
1402	AASHTO-B-S	-1.8895	0.0000	-0.0968	0.0000	0.0000	0.0000
1402	AASHTO-BI-S	-4.6780	0.0000	-0.5447	0.0000	0.0000	0.0000
1402	AASHTO-V8-A-S	-3.0802	0.0000	-0.8319	0.0000	0.0000	0.0000
1402	AASHTO-V8-B-S	-1.5066	0.0000	-3.2301	0.0000	0.0000	0.0000
1403	AASHTO-I	-6.2327	0.0000	0.3798	0.0000	0.0000	0.0000
1403	AASHTO-B	-1.9479	0.0000	-0.0076	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (tn-fuerz)	Force Y (tn-fuerz)	Force Z (tn-fuerz)	Moment X (tn-fuerz-m)	Moment Y (tn-fuerz-m)	Moment Z (tn-fuerz-m)
1403	AASHTO-BI	-5.2944	0.0000	-0.3357	0.0000	0.0000	0.0000
1403	AASHTO-V8-A	-3.4293	0.0000	-0.6200	0.0000	0.0000	0.0000
1403	AASHTO-V8-B	-1.7154	0.0000	-2.7017	0.0000	0.0000	0.0000
1403	AASHTO-V8-C	-3.1311	0.0000	-0.8604	0.0000	0.0000	0.0000
1403	AASHTO-V8-D	-1.4177	0.0000	-2.7346	0.0000	0.0000	0.0000
1403	AASHTO-I-S	-3.7050	0.0000	0.2476	0.0000	0.0000	0.0000
1403	AASHTO-B-S	-1.4975	0.0000	-0.2054	0.0000	0.0000	0.0000
1403	AASHTO-BI-S	-3.9980	0.0000	-0.3557	0.0000	0.0000	0.0000
1403	AASHTO-V8-A-S	-2.6366	0.0000	-0.4745	0.0000	0.0000	0.0000
1403	AASHTO-V8-B-S	-1.3197	0.0000	-2.0663	0.0000	0.0000	0.0000
1404	AASHTO-I	-4.0102	0.0000	0.5788	0.0000	0.0000	0.0000
1404	AASHTO-B	-1.5554	0.0000	0.1381	0.0000	0.0000	0.0000
1404	AASHTO-BI	-3.9841	0.0000	0.1039	0.0000	0.0000	0.0000
1404	AASHTO-V8-A	-2.5795	0.0000	-0.0501	0.0000	0.0000	0.0000
1404	AASHTO-V8-B	-1.2007	0.0000	-2.8135	0.0000	0.0000	0.0000
1404	AASHTO-V8-C	-2.3255	0.0000	-0.0843	0.0000	0.0000	0.0000
1404	AASHTO-V8-D	-1.0960	0.0000	-0.8594	0.0000	0.0000	0.0000
1404	AASHTO-I-S	-2.8067	0.0000	0.2476	0.0000	0.0000	0.0000
1404	AASHTO-B-S	-1.1973	0.0000	0.0999	0.0000	0.0000	0.0000
1404	AASHTO-BI-S	-3.0054	0.0000	0.0689	0.0000	0.0000	0.0000
1404	AASHTO-V8-A-S	-1.9867	0.0000	-0.0391	0.0000	0.0000	0.0000
1404	AASHTO-V8-B-S	-1.0410	0.0000	-0.6218	0.0000	0.0000	0.0000
1405	AASHTO-I	-2.3993	0.0000	0.3615	0.0000	0.0000	0.0000
1405	AASHTO-B	-1.0268	0.0000	0.2958	0.0000	0.0000	0.0000
1405	AASHTO-BI	-2.2701	0.0000	0.6144	0.0000	0.0000	0.0000
1405	AASHTO-V8-A	-1.4694	0.0000	0.6203	0.0000	0.0000	0.0000
1405	AASHTO-V8-B	-0.8668	0.0000	1.4335	0.0000	0.0000	0.0000
1405	AASHTO-V8-C	-1.2782	0.0000	0.5732	0.0000	0.0000	0.0000
1405	AASHTO-V8-D	-0.6717	0.0000	1.3732	0.0000	0.0000	0.0000
1405	AASHTO-I-S	-1.8295	0.0000	0.2366	0.0000	0.0000	0.0000
1405	AASHTO-B-S	-0.7829	0.0000	0.2188	0.0000	0.0000	0.0000
1405	AASHTO-BI-S	-1.7091	0.0000	0.4582	0.0000	0.0000	0.0000
1405	AASHTO-V8-A-S	-1.1378	0.0000	0.4729	0.0000	0.0000	0.0000
1405	AASHTO-V8-B-S	-0.6702	0.0000	1.0967	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1408	AASHTO-I	-0.4829	0.0000	0.3289	0.0000	0.0000	0.0000
1408	AASHTO-II	-0.3644	0.0000	0.4611	0.0000	0.0000	0.0000
1408	AASHTO-III	-0.1564	0.0000	1.2309	0.0000	0.0000	0.0000
1408	AASHTO-VB-A	-0.1016	0.0000	1.3905	0.0000	0.0000	0.0000
1408	AASHTO-VB-B	-0.2639	0.0000	4.0516	0.0000	0.0000	0.0000
1408	AASHTO-VB-C	0.0059	0.0000	1.3462	0.0000	0.0000	0.0000
1408	AASHTO-VB-D	-0.1462	0.0000	3.8751	0.0000	0.0000	0.0000
1408	AASHTO-I-S	-0.1782	0.0000	0.2139	0.0000	0.0000	0.0000
1408	AASHTO-II-S	-0.2863	0.0000	0.3527	0.0000	0.0000	0.0000
1408	AASHTO-III-S	-0.1118	0.0000	0.9052	0.0000	0.0000	0.0000
1408	AASHTO-VB-A-S	-0.0918	0.0000	1.0648	0.0000	0.0000	0.0000
1408	AASHTO-VB-B-S	-0.2090	0.0000	3.0994	0.0000	0.0000	0.0000
1407	AASHTO-I	1.9836	0.0000	0.2623	0.0000	0.0000	0.0000
1407	AASHTO-II	0.4320	0.0000	0.6589	0.0000	0.0000	0.0000
1407	AASHTO-III	3.3631	0.0000	1.8703	0.0000	0.0000	0.0000
1407	AASHTO-VB-A	1.9276	0.0000	2.2646	0.0000	0.0000	0.0000
1407	AASHTO-VB-B	0.4590	0.0000	7.0677	0.0000	0.0000	0.0000
1407	AASHTO-VB-C	1.5339	0.0000	2.2336	0.0000	0.0000	0.0000
1407	AASHTO-VB-D	0.4817	0.0000	6.5731	0.0000	0.0000	0.0000
1407	AASHTO-I-S	1.5969	0.0000	0.1805	0.0000	0.0000	0.0000
1407	AASHTO-II-S	0.3230	0.0000	0.5034	0.0000	0.0000	0.0000
1407	AASHTO-III-S	1.7009	0.0000	1.4154	0.0000	0.0000	0.0000
1407	AASHTO-VB-A-S	1.1542	0.0000	1.7433	0.0000	0.0000	0.0000
1407	AASHTO-VB-B-S	0.3463	0.0000	5.4042	0.0000	0.0000	0.0000
1408	AASHTO-I	2.3849	661.8202	0.1113	0.0000	0.0000	0.0000
1408	AASHTO-II	0.6827	394.7764	0.4405	0.0000	0.0000	0.0000
1408	AASHTO-III	2.6499	581.7595	1.9102	0.0000	0.0000	0.0000
1408	AASHTO-VB-A	1.7133	422.4929	1.6495	0.0000	0.0000	0.0000
1408	AASHTO-VB-B	0.6524	239.0642	5.2595	0.0000	0.0000	0.0000
1408	AASHTO-VB-C	1.6564	329.4279	1.6224	0.0000	0.0000	0.0000
1408	AASHTO-VB-D	0.6074	146.2521	5.1989	0.0000	0.0000	0.0000
1408	AASHTO-I-S	1.7889	448.3896	0.0736	0.0000	0.0000	0.0000
1408	AASHTO-II-S	0.5184	303.6312	0.3388	0.0000	0.0000	0.0000
1408	AASHTO-III-S	2.0041	433.5334	0.9574	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1408	AASHTO-VB-A-S	1.3031	325.0139	1.2580	0.0000	0.0000	0.0000
1408	AASHTO-VB-B-S	0.4874	184.0963	4.0168	0.0000	0.0000	0.0000
1409	AASHTO-I	-1.9198	0.0000	-0.0217	0.0000	0.0000	0.0000
1409	AASHTO-II	-0.8388	0.0000	-0.2075	0.0000	0.0000	0.0000
1409	AASHTO-III	-2.0271	0.0000	-0.8450	0.0000	0.0000	0.0000
1409	AASHTO-VB-A	-1.3391	0.0000	-0.8268	0.0000	0.0000	0.0000
1409	AASHTO-VB-B	-0.8045	0.0000	-2.7188	0.0000	0.0000	0.0000
1409	AASHTO-VB-C	-1.2983	0.0000	-0.8206	0.0000	0.0000	0.0000
1409	AASHTO-VB-D	-0.5342	0.0000	-2.7542	0.0000	0.0000	0.0000
1409	AASHTO-I-S	-1.4157	0.0000	-0.0142	0.0000	0.0000	0.0000
1409	AASHTO-II-S	-0.4904	0.0000	-0.1590	0.0000	0.0000	0.0000
1409	AASHTO-III-S	-1.5415	0.0000	-0.4817	0.0000	0.0000	0.0000
1409	AASHTO-VB-A-S	-1.0279	0.0000	-0.8332	0.0000	0.0000	0.0000
1409	AASHTO-VB-B-S	-0.4645	0.0000	-2.0826	0.0000	0.0000	0.0000
1410	AASHTO-I	-3.6067	0.0000	-0.0799	0.0000	0.0000	0.0000
1410	AASHTO-II	-1.2238	0.0000	-0.3728	0.0000	0.0000	0.0000
1410	AASHTO-III	-3.7857	0.0000	-1.1303	0.0000	0.0000	0.0000
1410	AASHTO-VB-A	-2.3021	0.0000	-1.4335	0.0000	0.0000	0.0000
1410	AASHTO-VB-B	-1.1731	0.0000	-4.6053	0.0000	0.0000	0.0000
1410	AASHTO-VB-C	-2.3047	0.0000	-1.4187	0.0000	0.0000	0.0000
1410	AASHTO-VB-D	-1.0303	0.0000	-4.8237	0.0000	0.0000	0.0000
1410	AASHTO-I-S	-2.6407	0.0000	-0.0469	0.0000	0.0000	0.0000
1410	AASHTO-II-S	-0.9365	0.0000	-0.2957	0.0000	0.0000	0.0000
1410	AASHTO-III-S	-2.8749	0.0000	-0.8671	0.0000	0.0000	0.0000
1410	AASHTO-VB-A-S	-1.9207	0.0000	-1.0980	0.0000	0.0000	0.0000
1410	AASHTO-VB-B-S	-0.9018	0.0000	-3.5657	0.0000	0.0000	0.0000
1411	AASHTO-I	-4.9073	0.0000	-0.1412	0.0000	0.0000	0.0000
1411	AASHTO-II	-1.7068	0.0000	-0.4917	0.0000	0.0000	0.0000
1411	AASHTO-III	-5.1711	0.0000	-1.4703	0.0000	0.0000	0.0000
1411	AASHTO-VB-A	-3.4194	0.0000	-1.8259	0.0000	0.0000	0.0000
1411	AASHTO-VB-B	-1.6053	0.0000	-5.9522	0.0000	0.0000	0.0000
1411	AASHTO-VB-C	-3.2041	0.0000	-1.8015	0.0000	0.0000	0.0000
1411	AASHTO-VB-D	-1.4485	0.0000	-5.8067	0.0000	0.0000	0.0000
1411	AASHTO-I-S	-2.6080	0.0000	-0.0923	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1411	AASHTO-B-S	-1.3119	0.0000	-0.3788	0.0000	0.0000	0.0000
1411	AASHTO-IB-S	-3.9224	0.0000	-1.1207	0.0000	0.0000	0.0000
1411	AASHTO-VB-A-S	-2.8250	0.0000	-1.3984	0.0000	0.0000	0.0000
1411	AASHTO-VB-B-S	-1.2730	0.0000	-4.4622	0.0000	0.0000	0.0000
1412	AASHTO-I	-5.8872	0.0000	-0.2112	0.0000	0.0000	0.0000
1412	AASHTO-II	-2.0830	0.0000	-0.5627	0.0000	0.0000	0.0000
1412	AASHTO-III	-6.1184	0.0000	-1.8503	0.0000	0.0000	0.0000
1412	AASHTO-VB-A	-4.0465	0.0000	-2.0157	0.0000	0.0000	0.0000
1412	AASHTO-VB-B	-2.0170	0.0000	-6.3701	0.0000	0.0000	0.0000
1412	AASHTO-VB-C	-3.7789	0.0000	-1.9625	0.0000	0.0000	0.0000
1412	AASHTO-VB-D	-1.7549	0.0000	-6.3156	0.0000	0.0000	0.0000
1412	AASHTO-I-S	-4.2710	0.0000	-0.1380	0.0000	0.0000	0.0000
1412	AASHTO-II-S	-1.5840	0.0000	-0.4212	0.0000	0.0000	0.0000
1412	AASHTO-III-S	-4.6371	0.0000	-1.2585	0.0000	0.0000	0.0000
1412	AASHTO-VB-A-E	-3.1084	0.0000	-1.5439	0.0000	0.0000	0.0000
1412	AASHTO-VB-B-S	-1.5519	0.0000	-4.8788	0.0000	0.0000	0.0000
1413	AASHTO-I	-6.3946	0.0000	-0.2792	0.0000	0.0000	0.0000
1413	AASHTO-II	-2.2895	0.0000	-0.5868	0.0000	0.0000	0.0000
1413	AASHTO-III	-6.5014	0.0000	-1.8847	0.0000	0.0000	0.0000
1413	AASHTO-VB-A	-4.3700	0.0000	-2.0202	0.0000	0.0000	0.0000
1413	AASHTO-VB-B	-2.2381	0.0000	-6.2799	0.0000	0.0000	0.0000
1413	AASHTO-VB-C	-4.0629	0.0000	-1.9796	0.0000	0.0000	0.0000
1413	AASHTO-VB-D	-1.9393	0.0000	-6.2182	0.0000	0.0000	0.0000
1413	AASHTO-I-S	-4.6894	0.0000	-0.1796	0.0000	0.0000	0.0000
1413	AASHTO-II-S	-1.7428	0.0000	-0.4496	0.0000	0.0000	0.0000
1413	AASHTO-III-S	-4.9979	0.0000	-1.2813	0.0000	0.0000	0.0000
1413	AASHTO-VB-A-E	-3.3556	0.0000	-1.5474	0.0000	0.0000	0.0000
1413	AASHTO-VB-B-S	-1.7228	0.0000	-4.8101	0.0000	0.0000	0.0000
1414	AASHTO-I	-6.4419	0.0000	-0.3262	0.0000	0.0000	0.0000
1414	AASHTO-II	-2.3215	0.0000	-0.5656	0.0000	0.0000	0.0000
1414	AASHTO-III	-6.6132	0.0000	-1.5846	0.0000	0.0000	0.0000
1414	AASHTO-VB-A	-4.3813	0.0000	-1.8576	0.0000	0.0000	0.0000
1414	AASHTO-VB-B	-2.3095	0.0000	-5.8535	0.0000	0.0000	0.0000
1414	AASHTO-VB-C	-4.0967	0.0000	-1.8123	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1414	AASHTO-VB-D	-1.9930	0.0000	-5.9894	0.0000	0.0000	0.0000
1414	AASHTO-I-S	-4.6208	0.0000	-0.2131	0.0000	0.0000	0.0000
1414	AASHTO-II-S	-1.7831	0.0000	-0.4336	0.0000	0.0000	0.0000
1414	AASHTO-III-S	-5.0039	0.0000	-1.2039	0.0000	0.0000	0.0000
1414	AASHTO-VB-A-S	-3.3455	0.0000	-1.4233	0.0000	0.0000	0.0000
1414	AASHTO-VB-B-S	-1.7787	0.0000	-4.8317	0.0000	0.0000	0.0000
1415	AASHTO-I	-6.0474	0.0000	-0.3614	0.0000	0.0000	0.0000
1415	AASHTO-II	-2.2188	0.0000	-0.5033	0.0000	0.0000	0.0000
1415	AASHTO-III	-6.1880	0.0000	-1.3619	0.0000	0.0000	0.0000
1415	AASHTO-VB-A	-4.0910	0.0000	-1.5462	0.0000	0.0000	0.0000
1415	AASHTO-VB-B	-2.2304	0.0000	-4.5591	0.0000	0.0000	0.0000
1415	AASHTO-VB-C	-3.7698	0.0000	-1.4887	0.0000	0.0000	0.0000
1415	AASHTO-VB-D	-1.8191	0.0000	-4.4946	0.0000	0.0000	0.0000
1415	AASHTO-I-S	-4.3145	0.0000	-0.2361	0.0000	0.0000	0.0000
1415	AASHTO-II-S	-1.7057	0.0000	-0.3861	0.0000	0.0000	0.0000
1415	AASHTO-III-S	-4.6628	0.0000	-1.0334	0.0000	0.0000	0.0000
1415	AASHTO-VB-A-S	-3.1443	0.0000	-1.1653	0.0000	0.0000	0.0000
1415	AASHTO-VB-B-S	-1.7191	0.0000	-3.4836	0.0000	0.0000	0.0000
1416	AASHTO-I	-5.2307	0.0000	-0.3788	0.0000	0.0000	0.0000
1416	AASHTO-II	-1.9695	0.0000	-0.4821	0.0000	0.0000	0.0000
1416	AASHTO-III	-5.2861	0.0000	-1.0267	0.0000	0.0000	0.0000
1416	AASHTO-VB-A	-3.5129	0.0000	-1.1000	0.0000	0.0000	0.0000
1416	AASHTO-VB-B	-2.0846	0.0000	-3.0391	0.0000	0.0000	0.0000
1416	AASHTO-VB-C	-3.2157	0.0000	-1.0534	0.0000	0.0000	0.0000
1416	AASHTO-VB-D	-1.7122	0.0000	-2.9845	0.0000	0.0000	0.0000
1416	AASHTO-I-S	-5.7050	0.0000	-0.2476	0.0000	0.0000	0.0000
1416	AASHTO-II-S	-1.5143	0.0000	-0.3088	0.0000	0.0000	0.0000
1416	AASHTO-III-S	-3.9634	0.0000	-0.7778	0.0000	0.0000	0.0000
1416	AASHTO-VB-A-S	-2.7028	0.0000	-0.8445	0.0000	0.0000	0.0000
1416	AASHTO-VB-B-S	-1.3468	0.0000	-2.3346	0.0000	0.0000	0.0000
1417	AASHTO-I	-4.0102	0.0000	-0.3786	0.0000	0.0000	0.0000
1417	AASHTO-II	-1.5767	0.0000	-0.2644	0.0000	0.0000	0.0000
1417	AASHTO-III	-3.9677	0.0000	-0.5892	0.0000	0.0000	0.0000
1417	AASHTO-VB-A	-2.8802	0.0000	-0.5262	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1417	AASHTO-V8-B	-1.6378	0.0000	-1.1303	0.0000	0.0000	0.0000
1417	AASHTO-V8-C	-2.4073	0.0000	-0.4856	0.0000	0.0000	0.0000
1417	AASHTO-V8-D	-1.3867	0.0000	-1.0899	0.0000	0.0000	0.0000
1417	AASHTO-I-S	-2.8067	0.0000	-0.2478	0.0000	0.0000	0.0000
1417	AASHTO-II-S	-1.2139	0.0000	-0.2036	0.0000	0.0000	0.0000
1417	AASHTO-III-S	-3.0105	0.0000	-0.4424	0.0000	0.0000	0.0000
1417	AASHTO-V8-A-S	-2.0011	0.0000	-0.4081	0.0000	0.0000	0.0000
1417	AASHTO-V8-B-S	-1.2684	0.0000	-0.8786	0.0000	0.0000	0.0000
1418	AASHTO-I	-2.3885	0.0000	-0.3815	0.0000	0.0000	0.0000
1418	AASHTO-II	-1.0466	0.0000	-0.0913	0.0000	0.0000	0.0000
1418	AASHTO-III	-2.2865	0.0000	-0.0426	0.0000	0.0000	0.0000
1418	AASHTO-V8-A	-1.5424	0.0000	0.1459	0.0000	0.0000	0.0000
1418	AASHTO-V8-B	-1.1364	0.0000	1.1583	0.0000	0.0000	0.0000
1418	AASHTO-V8-C	-1.3533	0.0000	0.2016	0.0000	0.0000	0.0000
1418	AASHTO-V8-D	-0.9440	0.0000	1.1601	0.0000	0.0000	0.0000
1418	AASHTO-I-S	-1.8295	0.0000	-0.2366	0.0000	0.0000	0.0000
1418	AASHTO-II-S	-0.8085	0.0000	-0.0714	0.0000	0.0000	0.0000
1418	AASHTO-III-S	-1.7346	0.0000	-0.0295	0.0000	0.0000	0.0000
1418	AASHTO-V8-A-S	-1.1968	0.0000	0.1218	0.0000	0.0000	0.0000
1418	AASHTO-V8-B-S	-0.8819	0.0000	0.8673	0.0000	0.0000	0.0000
1419	AASHTO-I	-0.4629	0.0000	-0.3289	0.0000	0.0000	0.0000
1419	AASHTO-II	-0.3918	0.0000	0.1174	0.0000	0.0000	0.0000
1419	AASHTO-III	-0.1665	0.0000	0.6050	0.0000	0.0000	0.0000
1419	AASHTO-V8-A	-0.1622	0.0000	0.9650	0.0000	0.0000	0.0000
1419	AASHTO-V8-B	-0.5001	0.0000	0.8369	0.0000	0.0000	0.0000
1419	AASHTO-V8-C	-0.0550	0.0000	1.0110	0.0000	0.0000	0.0000
1419	AASHTO-V8-D	-0.3665	0.0000	0.8369	0.0000	0.0000	0.0000
1419	AASHTO-I-S	-0.1762	0.0000	-0.2159	0.0000	0.0000	0.0000
1419	AASHTO-II-S	-0.3001	0.0000	0.0660	0.0000	0.0000	0.0000
1419	AASHTO-III-S	-0.1389	0.0000	0.4621	0.0000	0.0000	0.0000
1419	AASHTO-V8-A-S	-0.1400	0.0000	0.7465	0.0000	0.0000	0.0000
1419	AASHTO-V8-B-S	-0.3955	0.0000	2.8116	0.0000	0.0000	0.0000
1420	AASHTO-I	1.9836	0.0000	-0.2823	0.0000	0.0000	0.0000
1420	AASHTO-II	0.4190	0.0000	0.3628	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1420	AASHTO-III	2.3179	0.0000	1.3615	0.0000	0.0000	0.0000
1420	AASHTO-V8-A	1.4839	0.0000	1.8363	0.0000	0.0000	0.0000
1420	AASHTO-V8-B	0.2677	0.0000	6.8376	0.0000	0.0000	0.0000
1420	AASHTO-V8-C	1.4886	0.0000	1.6497	0.0000	0.0000	0.0000
1420	AASHTO-V8-D	0.2880	0.0000	6.8062	0.0000	0.0000	0.0000
1420	AASHTO-I-S	1.3549	0.0000	-0.1859	0.0000	0.0000	0.0000
1420	AASHTO-II-S	0.3117	0.0000	0.2754	0.0000	0.0000	0.0000
1420	AASHTO-III-S	1.7513	0.0000	1.0309	0.0000	0.0000	0.0000
1420	AASHTO-V8-A-S	1.1159	0.0000	1.4720	0.0000	0.0000	0.0000
1420	AASHTO-V8-B-S	0.1524	0.0000	5.2741	0.0000	0.0000	0.0000
1421	AASHTO-I	2.3849	661.9202	-0.1113	0.0000	0.0000	0.0000
1421	AASHTO-II	0.5778	416.5866	0.3234	0.0000	0.0000	0.0000
1421	AASHTO-III	2.8190	655.4469	1.1184	0.0000	0.0000	0.0000
1421	AASHTO-V8-A	1.7018	520.3404	1.5140	0.0000	0.0000	0.0000
1421	AASHTO-V8-B	0.5850	585.0047	5.2418	0.0000	0.0000	0.0000
1421	AASHTO-V8-C	1.6440	427.3615	1.5131	0.0000	0.0000	0.0000
1421	AASHTO-V8-D	0.5378	471.5354	5.2090	0.0000	0.0000	0.0000
1421	AASHTO-I-S	1.7869	448.3898	-0.0735	0.0000	0.0000	0.0000
1421	AASHTO-II-S	0.5144	321.8898	0.2480	0.0000	0.0000	0.0000
1421	AASHTO-III-S	1.9773	490.0197	0.9483	0.0000	0.0000	0.0000
1421	AASHTO-V8-A-S	1.2914	400.1153	1.1523	0.0000	0.0000	0.0000
1421	AASHTO-V8-B-S	0.4417	434.3482	3.8888	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
81	750	Load Combinations: AASHTO-I	91.4910	17.9236	-0.2889	0.0000	2.3204	12.3915
81	750	Load Combinations: AASHTO-II	77.3573	1.6011	1.2105	0.0000	4.7202	-28.6304
81	750	Load Combinations: AASHTO-III	-25.1182	22.8554	5.4589	-0.0002	11.5276	46.3566
81	750	Load Combinations: AASHTO-V8-A	-24.3303	14.4286	6.8243	-0.0001	6.3060	25.5738
81	750	Load Combinations: AASHTO-V8-B	-66.8621	2.1830	21.6474	0.0002	25.2765	-21.3247
81	750	Load Combinations: AASHTO-V8-C	-50.0429	15.6062	6.7375	-0.0001	5.4697	39.2175
81	750	Load Combinations: AASHTO-V8-D	-66.5305	5.3707	21.8914	0.0001	24.4746	-7.8318
81	750	Load Combinations: AASHTO-II-S	18.8624	15.0787	-0.0134	0.0000	0.1184	25.8113

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (ton-fuerz)	Force Y (ton-fuerz)	Force Z (ton-fuerz)	Moment X (ton-fuerz-m)	Moment Y (ton-fuerz-m)	Moment Z (ton-fuerz-m)
81	755	Load Combinations: AASHTO-B-S	18.5549	1.2085	0.8264	0.0000	3.6457	-22.1336
81	755	Load Combinations: AASHTO-B-S	-21.8780	17.3638	2.6920	-0.0001	8.5523	58.7609
81	755	Load Combinations: AASHTO-VB-A-S	-18.5797	11.0545	5.0818	-0.0001	5.0428	18.4453
81	755	Load Combinations: AASHTO-VB-B-S	-52.8033	1.8423	18.8013	0.0001	19.5715	-16.8100
81	1282	Load Combinations: AASHTO-I	-67.9045	-17.5120	0.2888	0.0000	-2.0315	5.1180
81	1282	Load Combinations: AASHTO-E	-62.8709	-1.8047	-1.2116	0.0000	-5.8312	30.2332
81	1282	Load Combinations: AASHTO-IE	14.8047	-22.9635	-3.4619	0.0002	-14.9852	-22.9971
81	1282	Load Combinations: AASHTO-VB-A	18.8189	-14.4340	-6.6285	0.0001	-13.1324	-11.1424
81	1282	Load Combinations: AASHTO-VB-B	63.4787	-2.1962	-21.8818	-0.0002	-46.8313	23.5094
81	1282	Load Combinations: AASHTO-VB-C	50.8078	-15.8087	-8.7407	0.0001	-12.2089	-23.6093
81	1282	Load Combinations: AASHTO-VB-D	95.3952	-3.3726	-21.7020	-0.0001	-46.1718	11.0035
81	1282	Load Combinations: AASHTO-I-S	-22.9036	-15.0831	0.0134	0.0000	-0.1050	-10.7308
81	1282	Load Combinations: AASHTO-B-S	-63.7960	-1.2118	-0.9270	0.0000	-4.5724	23.3442
81	1282	Load Combinations: AASHTO-IB-S	17.8368	-17.9684	-2.8938	0.0001	-11.2252	-20.7947
81	1282	Load Combinations: AASHTO-VB-A-S	14.3386	-11.0577	-5.0843	0.0001	-10.1260	-8.3892
81	1282	Load Combinations: AASHTO-VB-B-S	48.5622	-1.8443	-16.8097	-0.0001	-36.1772	18.2533
82	1282	Load Combinations: AASHTO-I	97.0073	15.7623	-0.2874	0.0000	2.0315	-5.1180
82	1282	Load Combinations: AASHTO-E	92.8712	1.0584	1.0182	0.0000	5.8312	-30.2332
82	1282	Load Combinations: AASHTO-IE	-14.8024	21.3519	2.9367	-0.0001	14.9852	22.9971
82	1282	Load Combinations: AASHTO-VB-A	-18.8150	13.1898	5.8228	-0.0001	13.1324	11.1424
82	1282	Load Combinations: AASHTO-VB-B	-63.4698	1.8758	18.8787	0.0002	46.8313	-23.5094
82	1282	Load Combinations: AASHTO-VB-C	-50.8066	14.4128	8.9371	-0.0001	12.2089	23.6093
82	1282	Load Combinations: AASHTO-VB-D	-95.3966	2.9088	19.0284	0.0001	46.1718	-11.0035
82	1282	Load Combinations: AASHTO-I-S	22.9047	13.7723	-0.0135	0.0000	0.1050	10.7308
82	1282	Load Combinations: AASHTO-B-S	63.7963	0.7932	0.7768	0.0000	4.5724	-23.3442
82	1282	Load Combinations: AASHTO-IB-S	-17.8356	16.5094	2.2910	-0.0001	11.2252	20.7947
82	1282	Load Combinations: AASHTO-VB-A-S	-14.3375	10.1033	4.4659	0.0000	10.1260	8.3892
82	1282	Load Combinations: AASHTO-VB-B-S	-48.5670	1.3527	14.5912	0.0001	36.1772	-18.2533
82	1283	Load Combinations: AASHTO-I	-72.5208	-15.7705	0.2875	0.0000	-1.7442	20.8821
82	1283	Load Combinations: AASHTO-E	-68.3847	-1.0818	-1.0182	0.0000	-6.9489	31.2833
82	1283	Load Combinations: AASHTO-IE	9.0868	-21.0802	-2.8096	0.0001	-17.9264	-1.9409
82	1283	Load Combinations: AASHTO-VB-A	13.3015	-13.1953	-5.8268	0.0001	-16.9573	2.0503
82	1283	Load Combinations: AASHTO-VB-B	57.9984	-1.8788	-18.9035	-0.0002	-49.3182	25.1967
82	1283	Load Combinations: AASHTO-VB-C	46.7715	-14.4163	-8.9401	0.0001	-16.1476	-8.1947

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (ton-fuerz)	Force Y (ton-fuerz)	Force Z (ton-fuerz)	Moment X (ton-fuerz-m)	Moment Y (ton-fuerz-m)	Moment Z (ton-fuerz-m)
82	1283	Load Combinations: AASHTO-VB-D	91.2015	-2.8104	-19.0097	-0.0001	-46.2068	13.9131
82	1283	Load Combinations: AASHTO-I-S	-27.1459	-13.7768	0.0135	0.0000	-0.0918	3.0439
82	1283	Load Combinations: AASHTO-B-S	-68.8374	-0.7952	-0.7784	0.0000	-5.3515	24.1384
82	1283	Load Combinations: AASHTO-IB-S	13.3945	-16.5142	-2.2926	0.0001	-13.5170	-4.2829
82	1283	Load Combinations: AASHTO-VB-A-S	10.0964	-10.1063	-4.4683	0.0000	-14.5931	1.7157
82	1283	Load Combinations: AASHTO-VB-B-S	44.3158	-1.3545	-14.5563	-0.0001	-50.7326	19.5070
83	1283	Load Combinations: AASHTO-I	72.5258	12.7462	-0.2813	0.0000	1.7442	-20.8821
83	1283	Load Combinations: AASHTO-E	68.3854	0.1673	0.6944	0.0000	6.9489	-31.2833
83	1283	Load Combinations: AASHTO-IE	-9.0834	17.7148	2.0539	-0.0001	17.9264	1.9409
83	1283	Load Combinations: AASHTO-VB-A	-13.2982	11.0242	4.4529	-0.0001	16.9573	-2.0503
83	1283	Load Combinations: AASHTO-VB-B	-57.9428	0.8305	14.4231	0.0002	49.3182	-25.1967
83	1283	Load Combinations: AASHTO-VB-C	-46.7686	12.3088	4.5680	-0.0001	16.1476	8.1947
83	1283	Load Combinations: AASHTO-VB-D	-91.2381	2.1237	14.4835	0.0000	46.2068	-13.9131
83	1283	Load Combinations: AASHTO-I-S	27.1483	11.4696	-0.0134	0.0000	0.0918	-3.0439
83	1283	Load Combinations: AASHTO-B-S	68.8378	0.1099	0.5304	0.0000	5.3515	-24.1384
83	1283	Load Combinations: AASHTO-IB-S	-13.3914	13.5039	1.9129	-0.0001	13.5170	4.2829
83	1283	Load Combinations: AASHTO-VB-A-S	-10.0944	8.4410	3.4137	0.0000	14.5931	-1.7157
83	1283	Load Combinations: AASHTO-VB-B-S	-44.3078	0.6048	11.0520	0.0001	50.7326	-19.5070
83	1284	Load Combinations: AASHTO-I	-76.0393	-12.7563	0.2813	0.0000	-1.4629	33.6341
83	1284	Load Combinations: AASHTO-E	-65.8989	-0.1704	-0.6954	0.0000	-7.6447	31.4622
83	1284	Load Combinations: AASHTO-IE	3.5699	-17.7232	-2.0598	0.0001	-19.9816	15.7782
83	1284	Load Combinations: AASHTO-VB-A	7.7647	-11.0297	-4.4587	0.0001	-23.4121	13.0772
83	1284	Load Combinations: AASHTO-VB-B	52.4293	-0.8333	-14.4362	-0.0002	-46.3480	36.0199
83	1284	Load Combinations: AASHTO-VB-C	42.8335	-12.3125	-4.5709	0.0001	-22.7175	3.1181
83	1284	Load Combinations: AASHTO-VB-D	87.1030	-2.1254	-14.4833	0.0000	-76.6665	16.0377
83	1284	Load Combinations: AASHTO-I-S	-31.3696	-11.4946	0.0134	0.0000	-0.0782	14.5357
83	1284	Load Combinations: AASHTO-B-S	-72.2790	-0.1116	-0.5310	0.0000	-5.6822	24.2482
83	1284	Load Combinations: AASHTO-IB-S	9.1502	-13.9607	-1.9145	0.0001	-15.1307	9.6754
83	1284	Load Combinations: AASHTO-VB-A-S	5.8532	-8.4442	-3.4160	0.0000	-19.0580	10.1584
83	1284	Load Combinations: AASHTO-VB-B-S	40.0987	-0.8085	-11.0598	-0.0001	-41.7885	20.1126
84	1284	Load Combinations: AASHTO-I	76.0464	8.9229	-0.2694	0.0000	1.4629	-33.6341
84	1284	Load Combinations: AASHTO-E	93.8995	-0.8031	0.2948	0.0000	7.6447	-31.4622
84	1284	Load Combinations: AASHTO-IE	-3.5625	13.4215	0.9611	-0.0001	19.9816	-15.7782
84	1284	Load Combinations: AASHTO-VB-A	-7.7604	8.2457	2.7363	-0.0001	23.4121	-13.0772

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
84	1294	Load Combinations: AASHTO-VB-B	-52.4159	-0.1978	5.7199	0.0001	80.3480	-26.0186
84	1294	Load Combinations: AASHTO-VB-C	-42.6296	0.5844	3.8506	-0.0001	22.7170	-3.1161
84	1294	Load Combinations: AASHTO-VB-D	-87.0877	1.1472	9.7931	0.0000	79.6955	-16.0377
84	1294	Load Combinations: AASHTO-I-E	31.3928	0.5828	-0.0131	0.0000	0.0782	-14.8357
84	1294	Load Combinations: AASHTO-E-E	72.2793	-0.7105	0.2239	0.0000	1.8822	-24.2482
84	1294	Load Combinations: AASHTO-IB-E	-8.1480	10.6644	0.7732	-0.0001	15.1307	-9.8754
84	1294	Load Combinations: AASHTO-VB-A-E	-5.8337	6.3080	2.0958	0.0000	18.0080	-10.1584
84	1294	Load Combinations: AASHTO-VB-B-E	-48.0576	-0.1826	6.6737	0.0001	81.7885	-20.1126
84	1295	Load Combinations: AASHTO-I	-68.5588	-6.9306	0.2694	0.0000	-1.1935	42.5607
84	1295	Load Combinations: AASHTO-E	-99.4130	0.8003	-0.2957	0.0000	-7.9400	30.5605
84	1295	Load Combinations: AASHTO-IB	-1.3010	-13.4298	-0.9636	0.0001	-20.9440	29.2058
84	1295	Load Combinations: AASHTO-VB-A	2.2669	-8.2510	-2.7400	0.0001	-28.1502	21.3256
84	1295	Load Combinations: AASHTO-VB-B	46.9004	0.1952	-6.7321	-0.0001	-88.0742	25.8221
84	1295	Load Combinations: AASHTO-VB-C	38.4945	-0.5891	-2.8837	0.0001	-25.5694	12.7025
84	1295	Load Combinations: AASHTO-VB-D	82.9526	-1.1488	-8.8024	0.0000	-88.4934	17.1957
84	1295	Load Combinations: AASHTO-I-E	-35.6339	-8.5671	0.0131	0.0000	-0.0651	23.1906
84	1295	Load Combinations: AASHTO-E-E	-76.5205	0.7089	-0.2245	0.0000	-6.1064	23.5389
84	1295	Load Combinations: AASHTO-IB-E	4.9048	-10.6892	-0.7747	0.0001	-15.9047	20.3422
84	1295	Load Combinations: AASHTO-VB-A-E	1.6086	-6.3121	-2.0980	0.0000	-20.1049	16.4889
84	1295	Load Combinations: AASHTO-VB-B-E	95.8165	0.1811	-6.8810	-0.0001	-88.4859	19.9308
85	1295	Load Combinations: AASHTO-I	68.5652	4.7165	-0.2512	0.0000	1.1935	-42.5607
85	1295	Load Combinations: AASHTO-E	99.4135	-0.8092	-0.1313	0.0000	7.9400	-30.5605
85	1295	Load Combinations: AASHTO-IB	1.9586	8.8307	-0.2078	-0.0001	20.9440	-29.2058
85	1295	Load Combinations: AASHTO-VB-A	-2.2634	5.1544	0.8749	0.0000	28.1502	-21.3256
85	1295	Load Combinations: AASHTO-VB-B	-46.8856	-1.2755	2.5430	0.0001	88.0742	-25.8221
85	1295	Load Combinations: AASHTO-VB-C	-38.4883	0.5232	0.9869	-0.0001	25.5694	-12.7025
85	1295	Load Combinations: AASHTO-VB-D	-82.9379	0.0966	2.6267	0.0000	88.4834	-17.1957
85	1295	Load Combinations: AASHTO-I-E	35.6375	5.3088	-0.0125	0.0000	0.0651	-23.1906
85	1295	Load Combinations: AASHTO-E-E	76.5208	-1.5080	-0.1028	0.0000	6.1064	-23.5389
85	1295	Load Combinations: AASHTO-IB-E	-4.9001	9.9843	-0.1256	0.0000	15.9047	-20.3422
85	1295	Load Combinations: AASHTO-VB-A-E	-1.6069	3.9374	0.8670	0.0000	20.1049	-16.4889
85	1295	Load Combinations: AASHTO-VB-B-E	-95.8077	-1.0069	1.9328	0.0001	88.4859	-19.9308
85	1296	Load Combinations: AASHTO-I	-68.0797	-4.7239	0.2512	0.0000	-0.9423	47.2808
85	1296	Load Combinations: AASHTO-E	-104.9270	2.0067	0.1305	0.0000	-7.8091	29.5525

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
85	1296	Load Combinations: AASHTO-IB	-7.4725	-8.8386	0.2055	0.0001	-20.7374	57.8384
85	1296	Load Combinations: AASHTO-VB-A	-3.2511	-5.1595	-0.8784	0.0000	-27.0269	39.4825
85	1296	Load Combinations: AASHTO-VB-B	41.9721	1.2731	-2.3546	-0.0001	-91.8230	24.5479
85	1296	Load Combinations: AASHTO-VB-C	34.3952	-6.5268	-0.9695	0.0001	-26.5576	19.2275
85	1296	Load Combinations: AASHTO-VB-D	76.8028	-0.0961	-2.8374	0.0000	-91.1265	17.2830
85	1296	Load Combinations: AASHTO-I-E	-39.8786	-5.3131	0.0125	0.0000	-0.0525	28.4115
85	1296	Load Combinations: AASHTO-E-E	-80.7619	1.5365	0.1023	0.0000	-6.0039	21.9624
85	1296	Load Combinations: AASHTO-IB-E	0.6590	-6.9889	0.1242	0.0000	-15.7796	27.3288
85	1296	Load Combinations: AASHTO-VB-A-E	-2.6342	-3.9404	-0.8690	0.0000	-20.7729	20.4079
85	1296	Load Combinations: AASHTO-VB-B-E	91.5886	1.0050	-1.8997	-0.0001	-70.4022	16.8246
89	1296	Load Combinations: AASHTO-I	80.0843	0.5200	-0.2274	0.0000	0.9423	-47.2808
89	1296	Load Combinations: AASHTO-E	104.9274	-3.0317	-0.5412	0.0000	7.8091	-29.5525
89	1296	Load Combinations: AASHTO-IB	7.4801	3.7702	-1.3385	-0.0001	20.7374	-57.8384
89	1296	Load Combinations: AASHTO-VB-A	3.2592	2.0283	-0.9622	0.0000	27.0269	-39.4825
89	1296	Load Combinations: AASHTO-VB-B	-41.3596	-2.2997	-3.5118	0.0001	91.8230	-24.5479
89	1296	Load Combinations: AASHTO-VB-C	-34.3512	5.3927	-0.8456	0.0000	26.5576	-19.2275
89	1296	Load Combinations: AASHTO-VB-D	-76.7992	-0.8250	-3.4181	0.0000	91.1265	-17.2830
89	1296	Load Combinations: AASHTO-I-E	39.8819	2.0218	-0.0117	0.0000	0.0525	-28.4115
89	1296	Load Combinations: AASHTO-E-E	80.7621	-2.3408	-0.4171	0.0000	6.0039	-21.9624
89	1296	Load Combinations: AASHTO-IB-E	-0.6545	5.2420	-0.9942	0.0000	15.7796	-27.3288
89	1296	Load Combinations: AASHTO-VB-A-E	2.6368	1.5398	-0.7353	0.0000	20.7729	-20.4079
89	1296	Load Combinations: AASHTO-VB-B-E	-91.5992	-1.7816	-2.7134	0.0000	70.4022	-16.8246
90	1297	Load Combinations: AASHTO-I	-94.5878	-6.5269	0.2274	0.0000	-0.7150	47.8042
89	1297	Load Combinations: AASHTO-E	-110.4408	3.8294	0.5404	0.0000	-7.2883	25.5221
89	1297	Load Combinations: AASHTO-IB	-12.9696	-5.7776	1.3344	0.0001	-18.4019	41.6123
90	1297	Load Combinations: AASHTO-VB-A	-8.7887	-2.0332	0.9489	0.0000	-25.0763	28.5133
90	1297	Load Combinations: AASHTO-VB-B	95.8461	2.2879	3.5010	-0.0001	-66.1188	22.2592
90	1297	Load Combinations: AASHTO-VB-C	90.2161	-3.3962	0.8431	0.0000	-25.7132	22.8239
90	1297	Load Combinations: AASHTO-VB-D	74.6551	0.0236	5.4080	0.0000	-67.7144	16.3087
90	1297	Load Combinations: AASHTO-I-E	-44.1231	-2.0255	0.0117	0.0000	-0.0409	30.4350
89	1297	Load Combinations: AASHTO-E-E	-85.0033	2.3395	0.4166	0.0000	-5.5871	19.6423
89	1297	Load Combinations: AASHTO-IB-E	-3.5868	-3.2464	0.9930	0.0000	-14.7862	30.5730
89	1297	Load Combinations: AASHTO-VB-A-E	-6.8778	-1.5427	0.7334	0.0000	-20.0385	21.9491
90	1297	Load Combinations: AASHTO-VB-B-E	27.3181	1.7804	2.7071	0.0000	-67.6919	17.1486

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
87	1297	Load Combinations: AASHTO-I	94.6024	-5.3183	-0.1988	0.0000	9.7190	-47.8042
87	1297	Load Combinations: AASHTO-II	110.4411	-3.8725	-0.8994	0.0000	7.2683	-25.5221
87	1297	Load Combinations: AASHTO-III	13.0000	-0.7706	-2.3259	0.0000	19.4019	-41.6123
87	1297	Load Combinations: AASHTO-VII-A	8.7720	-0.8802	-2.5867	0.0000	29.0763	-28.5133
87	1297	Load Combinations: AASHTO-VII-B	-35.8367	-3.1462	-8.8253	0.0000	88.1186	-22.2592
87	1297	Load Combinations: AASHTO-VII-C	-30.2127	0.4396	-2.4803	0.0000	25.7132	-23.6230
87	1297	Load Combinations: AASHTO-VII-D	-74.6457	-1.8287	-6.8237	0.0000	87.7144	-16.3587
87	1297	Load Combinations: AASHTO-II-S	44.1259	-1.0335	-0.0106	0.0000	0.0409	-30.4350
87	1297	Load Combinations: AASHTO-III-S	85.0034	-2.9641	-0.8909	0.0000	5.5871	-19.6423
87	1297	Load Combinations: AASHTO-III-S	5.5854	-0.2648	-1.7562	0.0000	14.7862	-30.5750
87	1297	Load Combinations: AASHTO-VII-A-S	8.8798	-0.6005	-1.8912	0.0000	20.0365	-21.3491
87	1297	Load Combinations: AASHTO-VII-B-S	-27.3125	-2.4349	-6.8665	0.0000	67.8819	-17.1406
87	1298	Load Combinations: AASHTO-I	-100.1159	3.3118	0.1969	0.0000	-0.5161	44.4892
87	1298	Load Combinations: AASHTO-II	-115.9546	3.8705	0.8977	0.0000	-6.3705	21.6507
87	1298	Load Combinations: AASHTO-III	-18.5135	0.7634	2.3234	0.0000	-17.0776	40.8454
87	1298	Load Combinations: AASHTO-VII-A	-14.2805	0.8756	2.5957	0.0000	-23.4891	27.9364
87	1298	Load Combinations: AASHTO-VII-B	30.3232	3.1463	8.9154	0.0000	-79.1962	19.1139
87	1298	Load Combinations: AASHTO-VII-C	26.0776	-0.4430	2.4880	0.0000	-23.2241	23.0833
87	1298	Load Combinations: AASHTO-VII-D	70.5106	1.8275	6.8163	0.0000	-78.8942	14.5306
87	1298	Load Combinations: AASHTO-II-S	-48.3670	1.0298	0.0105	0.0000	-0.0304	29.4034
87	1298	Load Combinations: AASHTO-III-S	-89.2446	2.9829	0.8904	0.0000	-4.8964	16.9089
87	1298	Load Combinations: AASHTO-III-S	-7.8315	0.2598	1.7550	0.0000	-13.0306	30.3111
87	1298	Load Combinations: AASHTO-VII-A-S	-11.1308	0.6878	1.8894	0.0000	-16.0482	21.2000
87	1298	Load Combinations: AASHTO-VII-B-S	23.0714	2.4337	6.8907	0.0000	-60.8283	14.7092
88	1299	Load Combinations: AASHTO-I	100.1191	-6.4893	-0.1671	0.0000	0.5161	-44.4892
88	1299	Load Combinations: AASHTO-II	115.9546	-4.4511	-1.1718	0.0000	6.3705	-21.6507
88	1299	Load Combinations: AASHTO-III	18.5193	-4.6396	-3.0867	0.0000	17.0776	-40.8454
88	1299	Load Combinations: AASHTO-VII-A	14.2880	-3.3444	-3.8985	0.0000	23.4891	-27.9364
88	1299	Load Combinations: AASHTO-VII-B	-30.3171	-3.7995	-13.2459	0.0000	79.1962	-19.1139
88	1299	Load Combinations: AASHTO-VII-C	-26.0751	-2.1117	-3.8110	0.0000	23.2241	-23.0833
88	1299	Load Combinations: AASHTO-VII-D	-70.5044	-2.5379	-13.1444	0.0000	78.8942	-14.5306
88	1299	Load Combinations: AASHTO-II-S	48.3691	-3.6174	-0.0092	0.0000	0.0304	-29.4034
88	1299	Load Combinations: AASHTO-III-S	89.2446	-5.4281	-0.9004	0.0000	4.8964	-16.9089
88	1299	Load Combinations: AASHTO-III-S	7.8344	-3.2638	-2.3457	0.0000	13.0306	-30.3111

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
88	1298	Load Combinations: AASHTO-VII-A-S	11.1224	-2.5795	-2.9960	0.0000	18.0452	-21.2000
88	1298	Load Combinations: AASHTO-VII-B-S	-23.0679	-2.9084	-10.1603	0.0000	60.8283	-14.7092
88	1299	Load Combinations: AASHTO-I	-105.6328	6.4832	0.1671	0.0000	-0.5481	38.0031
88	1299	Load Combinations: AASHTO-II	-121.4681	4.4493	1.1711	0.0000	-5.1969	17.2007
88	1299	Load Combinations: AASHTO-III	-24.0318	4.6329	3.0870	0.0000	-13.8887	36.2081
88	1298	Load Combinations: AASHTO-VII-A	-19.8015	3.3401	3.8957	0.0000	-19.5921	24.2931
88	1299	Load Combinations: AASHTO-VII-B	24.8036	3.7648	13.2368	0.0000	-65.9548	15.3482
88	1298	Load Combinations: AASHTO-VII-C	21.9400	2.1086	3.8090	0.0000	-19.4140	20.0531
88	1299	Load Combinations: AASHTO-VII-D	66.3093	2.5367	13.1375	0.0000	-65.7530	11.9932
88	1299	Load Combinations: AASHTO-II-S	-52.6103	3.6139	0.0092	0.0000	-0.0212	25.7679
88	1299	Load Combinations: AASHTO-III-S	-93.4857	5.4252	0.9000	0.0000	-3.9965	13.2334
88	1298	Load Combinations: AASHTO-III-S	-12.0756	3.2598	2.3447	0.0000	-16.0954	27.0492
88	1298	Load Combinations: AASHTO-VII-A-S	-15.3635	2.5769	2.9944	0.0000	-15.0530	18.6818
88	1298	Load Combinations: AASHTO-VII-B-S	18.8267	2.9054	10.1748	0.0000	-50.6507	11.8033
89	1299	Load Combinations: AASHTO-I	105.6346	-6.7157	-0.1335	0.0000	0.3491	-38.0031
89	1299	Load Combinations: AASHTO-II	121.4681	-4.5992	-1.3340	0.0000	5.1969	-17.2007
89	1299	Load Combinations: AASHTO-III	24.0349	-7.5178	-3.0526	0.0000	13.9697	-36.2081
89	1299	Load Combinations: AASHTO-VII-A	19.8030	-5.1589	-4.7927	0.0000	19.5921	-24.2931
89	1299	Load Combinations: AASHTO-VII-B	-24.8007	-4.0629	-16.0741	0.0000	65.9548	-15.3482
89	1299	Load Combinations: AASHTO-VII-C	-21.8394	-4.0564	-4.6870	0.0000	19.4140	-20.0531
89	1299	Load Combinations: AASHTO-VII-D	-66.3083	-2.9851	-15.8798	0.0000	65.7530	-11.9932
89	1299	Load Combinations: AASHTO-II-S	52.6116	-5.5137	-0.0078	0.0000	0.0212	-25.7679
89	1299	Load Combinations: AASHTO-III-S	93.4857	-8.0147	-1.0247	0.0000	3.9965	-13.2334
89	1299	Load Combinations: AASHTO-III-S	12.0774	-5.5117	-2.7095	0.0000	16.0954	-27.0492
89	1299	Load Combinations: AASHTO-VII-A-S	15.3644	-3.9497	-3.6573	0.0000	15.0530	-18.6818
89	1299	Load Combinations: AASHTO-VII-B-S	-18.8250	-5.1449	-12.3480	0.0000	50.6507	-11.8033
89	1300	Load Combinations: AASHTO-I	-111.1480	8.7100	0.1335	0.0000	-0.2155	29.2904
89	1300	Load Combinations: AASHTO-II	-126.9816	4.6976	1.3324	0.0000	-5.8952	12.5024
89	1300	Load Combinations: AASHTO-III	-29.5484	7.5114	3.5004	0.0000	-16.4396	28.6946
89	1300	Load Combinations: AASHTO-VII-A	-25.3185	5.1549	4.7581	0.0000	-14.8327	19.1363
89	1300	Load Combinations: AASHTO-VII-B	19.2872	4.3814	16.0856	0.0000	-49.8649	11.2980
89	1300	Load Combinations: AASHTO-VII-C	17.8032	4.0534	4.6851	0.0000	-14.7280	16.8962
89	1300	Load Combinations: AASHTO-VII-D	62.2312	2.9840	15.8734	0.0000	-49.7762	9.0996
89	1300	Load Combinations: AASHTO-II-S	-56.8528	5.5104	0.0078	0.0000	-0.0136	20.2759

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
89	1300	Load Combinations: AASHTO-II-E	-97.7269	3.4137	1.0243	0.0000	-2.5718	9.6193
89	1300	Load Combinations: AASHTO-IB-E	-16.3166	5.5080	2.7045	0.0000	-7.9604	21.5364
89	1300	Load Combinations: AASHTO-VII-A-E	-19.6055	3.9673	3.6558	0.0000	-11.3965	14.7133
89	1300	Load Combinations: AASHTO-VII-B-E	14.5839	3.1429	12.3430	0.0000	-36.3051	8.9589
90	1300	Load Combinations: AASHTO-I	111.1485	-9.7406	-0.0998	0.0000	0.2155	-29.2904
90	1300	Load Combinations: AASHTO-II	126.9814	-4.5553	-1.3603	0.0000	3.8652	-13.5024
90	1300	Load Combinations: AASHTO-IB	29.5488	-6.1072	-3.8468	0.0000	10.4398	-28.6946
90	1300	Load Combinations: AASHTO-VII-A	25.3170	-6.1321	-5.0641	0.0000	14.8327	-19.1363
90	1300	Load Combinations: AASHTO-VII-B	-19.2872	-4.0342	-17.0417	0.0000	49.8549	-11.2880
90	1300	Load Combinations: AASHTO-VII-C	-17.8025	-5.2029	-5.0068	0.0000	14.7260	-16.8982
90	1300	Load Combinations: AASHTO-VII-D	-62.2311	-3.1360	-16.9632	0.0000	49.7782	-9.0086
90	1300	Load Combinations: AASHTO-I-S	98.8533	-8.5213	-0.0090	0.0000	0.0139	-20.2759
90	1300	Load Combinations: AASHTO-II-S	97.7268	-3.5027	-1.3448	0.0000	2.8716	-8.8195
90	1300	Load Combinations: AASHTO-IB-S	16.3184	-6.7787	-2.7827	0.0000	7.9604	-21.5364
90	1300	Load Combinations: AASHTO-VII-A-S	19.6054	-4.7146	-3.6898	0.0000	11.3965	-14.7133
90	1300	Load Combinations: AASHTO-VII-B-S	-14.5838	-3.1093	-13.0878	0.0000	36.3051	-6.6589
90	1301	Load Combinations: AASHTO-I	-116.8620	9.7351	0.0998	0.0000	-0.1157	18.5528
90	1301	Load Combinations: AASHTO-II	-132.4649	4.5536	1.3597	0.0000	-2.5263	7.5479
90	1301	Load Combinations: AASHTO-IB	-30.3832	6.1011	3.8449	0.0000	-6.7929	19.5905
90	1301	Load Combinations: AASHTO-VII-A	-30.8305	6.1282	5.0617	0.0000	-8.7898	13.0062
90	1301	Load Combinations: AASHTO-VII-B	13.7737	4.0327	17.0357	0.0000	-32.8471	7.2326
90	1301	Load Combinations: AASHTO-VII-C	15.8674	5.2000	5.0050	0.0000	-9.7231	11.6967
90	1301	Load Combinations: AASHTO-VII-D	58.0959	3.1073	16.9572	0.0000	-32.8158	5.9006
90	1301	Load Combinations: AASHTO-I-S	-97.0945	8.5181	0.0090	0.0000	-0.0078	13.7583
90	1301	Load Combinations: AASHTO-II-S	-101.9678	3.5016	1.0444	0.0000	-1.9272	6.1171
90	1301	Load Combinations: AASHTO-IB-S	-25.5926	6.7751	2.7818	0.0000	-5.1982	14.7625
90	1301	Load Combinations: AASHTO-VII-A-S	-23.9470	4.7122	3.6883	0.0000	-7.5074	9.9999
90	1301	Load Combinations: AASHTO-VII-B-S	10.3427	3.1025	13.0829	0.0000	-25.2199	5.5560
91	1301	Load Combinations: AASHTO-I	116.8613	-9.3137	-0.0673	0.0000	0.1157	-19.5529
91	1301	Load Combinations: AASHTO-II	132.4947	-5.9589	-1.2262	0.0000	2.5053	-7.9479
91	1301	Load Combinations: AASHTO-IB	35.0628	-6.1190	-3.3052	0.0000	6.7929	-19.5905
91	1301	Load Combinations: AASHTO-VII-A	30.8301	-6.0785	-4.7903	0.0000	9.7898	-13.0062
91	1301	Load Combinations: AASHTO-VII-B	-13.7786	-3.9491	-15.7898	0.0000	32.8471	-7.2326
91	1301	Load Combinations: AASHTO-VII-C	-15.8676	-5.3655	-4.9818	0.0000	9.7221	-11.6967

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
91	1301	Load Combinations: AASHTO-VII-D	-58.0957	-2.8471	-15.7371	0.0000	32.8158	-5.9006
91	1301	Load Combinations: AASHTO-I-S	97.0943	-8.4445	-0.0043	0.0000	0.0078	-13.7583
91	1301	Load Combinations: AASHTO-II-S	101.9678	-5.0442	-0.9428	0.0000	1.9272	-6.1171
91	1301	Load Combinations: AASHTO-IB-S	20.5904	-6.8425	-2.5258	0.0000	5.1982	-14.7625
91	1301	Load Combinations: AASHTO-VII-A-S	23.9467	-4.8718	-3.5102	0.0000	7.5074	-9.9999
91	1301	Load Combinations: AASHTO-VII-B-S	-10.3444	-2.7360	-12.1237	0.0000	25.2199	-5.5560
91	1302	Load Combinations: AASHTO-I	-132.1749	8.3085	0.0673	0.0000	-0.0484	10.2433
91	1302	Load Combinations: AASHTO-II	-138.0062	3.9674	1.2258	0.0000	-1.2764	3.8699
91	1302	Load Combinations: AASHTO-IB	-40.5763	6.1131	3.3037	0.0000	-3.4885	10.4746
91	1302	Load Combinations: AASHTO-VII-A	-36.3436	6.0749	4.6979	0.0000	-5.0709	6.8297
91	1302	Load Combinations: AASHTO-VII-B	8.2631	3.9587	15.7821	0.0000	-17.0811	3.6731
91	1302	Load Combinations: AASHTO-VII-C	9.5325	5.3027	4.9801	0.0000	-5.0613	6.3326
91	1302	Load Combinations: AASHTO-VII-D	53.9636	2.8481	15.7313	0.0000	-17.0814	3.0541
91	1302	Load Combinations: AASHTO-I-S	-95.3354	8.4414	0.0043	0.0000	-0.0034	7.3134
91	1302	Load Combinations: AASHTO-II-S	-106.2089	5.0431	0.9417	0.0000	-0.9854	3.0736
91	1302	Load Combinations: AASHTO-IB-S	-24.8015	6.8360	2.5250	0.0000	-2.6728	7.8218
91	1302	Load Combinations: AASHTO-VII-A-S	-28.0678	4.8694	3.5088	0.0000	-3.8979	5.3284
91	1302	Load Combinations: AASHTO-VII-B-S	6.1032	2.7352	12.1192	0.0000	-13.0984	2.8203
92	1302	Load Combinations: AASHTO-I	122.1727	-7.1797	-0.0373	0.0000	0.0484	-10.2433
92	1302	Load Combinations: AASHTO-II	138.0078	-2.8459	-0.9064	0.0000	1.2764	-3.8699
92	1302	Load Combinations: AASHTO-IB	40.5740	-7.2596	-2.4585	0.0000	3.4885	-10.4746
92	1302	Load Combinations: AASHTO-VII-A	36.3421	-4.8089	-3.5573	0.0000	5.0708	-6.8297
92	1302	Load Combinations: AASHTO-VII-B	-8.2691	-2.5675	-11.9482	0.0000	17.0811	-3.6731
92	1302	Load Combinations: AASHTO-VII-C	-9.5337	-4.3564	-3.5403	0.0000	5.0612	-6.3326
92	1302	Load Combinations: AASHTO-VII-D	-53.9694	-2.1389	-11.9525	0.0000	17.0814	-3.0541
92	1302	Load Combinations: AASHTO-I-S	95.3344	-6.0845	-0.0025	0.0000	0.0034	-7.3134
92	1302	Load Combinations: AASHTO-II-S	106.2087	-2.1585	-0.6970	0.0000	0.9854	-3.0736
92	1302	Load Combinations: AASHTO-IB-S	24.8002	-5.4776	-1.8815	0.0000	2.6728	-7.8218
92	1302	Load Combinations: AASHTO-VII-A-S	28.0670	-3.8961	-2.7330	0.0000	3.8679	-5.3284
92	1302	Load Combinations: AASHTO-VII-B-S	-6.1068	-1.8947	-8.1728	0.0000	13.0984	-2.8203
92	1303	Load Combinations: AASHTO-I	-127.8861	7.1745	0.0373	0.0000	-0.0111	3.0951
92	1303	Load Combinations: AASHTO-II	-143.5213	2.8445	0.9058	0.0000	-0.3734	1.1448
92	1303	Load Combinations: AASHTO-IB	-46.0875	7.2539	2.4571	0.0000	-1.0309	3.2180
92	1303	Load Combinations: AASHTO-VII-A	-41.8559	4.8051	3.5056	0.0000	-1.5147	2.1227

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
92	1303	Load Combinations: AASHTO-VB-B	2.7058	2.3961	11.9406	0.0000	-5.1167	1.0763
92	1303	Load Combinations: AASHTO-VB-C	5.3986	4.3536	3.5385	0.0000	-1.5217	1.8776
92	1303	Load Combinations: AASHTO-VB-D	48.8343	2.1379	11.8268	0.0000	-5.1516	0.9157
92	1303	Load Combinations: AASHTO-I-S	-69.5705	5.0814	0.0025	0.0000	-0.0008	2.2308
92	1303	Load Combinations: AASHTO-B-S	-110.4496	2.1686	0.6967	0.0000	-0.2986	0.8846
92	1303	Load Combinations: AASHTO-IB-S	-29.0414	5.4742	1.8807	0.0000	-0.7917	2.4459
92	1303	Load Combinations: AASHTO-VB-A-S	-32.3382	3.8839	3.7316	0.0000	-1.1656	1.6345
92	1303	Load Combinations: AASHTO-VB-B-S	1.9650	1.8939	8.1981	0.0000	-3.9280	0.8261
93	1303	Load Combinations: AASHTO-I	127.6823	-0.0678	-0.0111	0.0000	0.0111	-0.0651
93	1303	Load Combinations: AASHTO-E	143.5208	-1.1456	-0.3736	0.0000	0.3734	-1.1448
93	1303	Load Combinations: AASHTO-IB	46.0629	-3.2209	-1.0315	0.0000	1.0308	-3.2180
93	1303	Load Combinations: AASHTO-VB-A	41.9530	-2.1246	-1.5156	0.0000	1.5147	-2.1227
93	1303	Load Combinations: AASHTO-VB-B	-2.7854	-1.0770	-6.1205	0.0000	5.1167	-1.0763
93	1303	Load Combinations: AASHTO-VB-C	-5.4011	-1.8789	-1.5229	0.0000	1.5217	-1.8776
93	1303	Load Combinations: AASHTO-VB-D	-48.8436	-0.9162	-5.1544	0.0000	5.1516	-0.9157
93	1303	Load Combinations: AASHTO-I-S	69.5735	-2.2321	-0.0008	0.0000	0.0008	-2.2306
93	1303	Load Combinations: AASHTO-B-S	110.4496	-0.8851	-0.2998	0.0000	0.2998	-0.8846
93	1303	Load Combinations: AASHTO-IB-S	29.0397	-2.4477	-0.7922	0.0000	0.7917	-2.4459
93	1303	Load Combinations: AASHTO-VB-A-S	32.3295	-1.6358	-1.1663	0.0000	1.1656	-1.6345
93	1303	Load Combinations: AASHTO-VB-B-S	-1.8714	-0.8265	-3.9303	0.0000	3.9280	-0.8261
93	1304	Load Combinations: AASHTO-I	-133.1858	3.0628	0.0111	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-E	-149.0343	1.1442	0.3731	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-IB	-51.5963	3.2151	1.0300	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-A	-47.3864	2.1209	1.5135	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-B	-2.7461	1.0757	5.1129	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-C	1.2859	1.8762	1.5209	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-D	45.7089	0.9152	5.1467	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-I-S	-73.8146	2.2291	0.0008	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-B-S	-114.6908	0.8843	0.2994	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-IB-S	-33.2798	2.4442	0.7913	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-A-S	-36.5676	1.6334	1.1650	0.0000	0.0000	0.0000
93	1304	Load Combinations: AASHTO-VB-B-S	-2.3687	0.8257	3.9258	0.0000	0.0000	0.0000
94	780	Load Combinations: AASHTO-I	81.4910	17.5036	0.2989	0.0000	-2.3204	12.3915
94	780	Load Combinations: AASHTO-E	101.1724	1.3986	1.9401	0.0000	-1.1102	-30.2229

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
94	780	Load Combinations: AASHTO-IB	50.6868	21.7197	3.4213	-0.0001	11.8240	97.9391
94	780	Load Combinations: AASHTO-VB-A	73.3241	13.5801	6.5950	-0.0001	6.7459	19.0643
94	780	Load Combinations: AASHTO-VB-B	256.5397	-0.5216	22.5795	0.0004	19.1680	-42.8100
94	780	Load Combinations: AASHTO-VB-C	42.4279	14.7581	6.4239	-0.0001	7.9736	32.7282
94	780	Load Combinations: AASHTO-VB-D	225.3879	0.8555	22.3391	0.0003	19.0270	-29.0456
94	780	Load Combinations: AASHTO-I-S	18.8424	15.0787	0.0134	0.0000	-0.1184	25.8113
94	780	Load Combinations: AASHTO-B-S	77.8429	1.0551	1.4662	0.0000	-0.6403	-23.3542
94	780	Load Combinations: AASHTO-IB-S	32.4210	17.0205	2.5857	-0.0001	9.5300	32.6185
94	780	Load Combinations: AASHTO-VB-A-S	56.4079	10.4067	5.0573	0.0000	5.2389	14.4615
94	780	Load Combinations: AASHTO-VB-B-S	197.1741	-0.4424	17.2896	0.0002	14.2516	-33.1062
94	1305	Load Combinations: AASHTO-I	-67.0045	-17.5120	-0.2998	0.0000	2.0315	5.1160
94	1305	Load Combinations: AASHTO-E	-106.6858	-1.4035	-1.9411	0.0000	-0.8304	31.8245
94	1305	Load Combinations: AASHTO-IB	-56.1803	-21.7279	-3.4243	0.0001	-15.2469	-16.2146
94	1305	Load Combinations: AASHTO-VB-A	-76.8376	-13.5858	-6.5992	0.0001	-13.3429	-5.4818
94	1305	Load Combinations: AASHTO-VB-B	-262.0532	0.5237	-22.5876	-0.0004	-40.7472	42.2944
94	1305	Load Combinations: AASHTO-VB-C	-46.5636	-14.7597	-6.4270	0.0001	-14.3990	-17.8705
94	1305	Load Combinations: AASHTO-VB-D	-229.5230	-0.8578	-22.3466	-0.0003	-41.9672	28.7022
94	1305	Load Combinations: AASHTO-I-S	-22.9036	-15.0831	-0.0134	0.0000	0.1050	-10.7306
94	1305	Load Combinations: AASHTO-B-S	-82.0640	-1.0573	-1.4658	0.0000	-0.6462	24.4104
94	1305	Load Combinations: AASHTO-IB-S	-36.6821	-17.0252	-2.5875	0.0001	-12.0966	-15.5968
94	1305	Load Combinations: AASHTO-VB-A-S	-60.6491	-10.4120	-5.0598	0.0000	-10.2974	-4.0513
94	1305	Load Combinations: AASHTO-VB-B-S	-201.4159	0.4401	-17.2980	-0.0002	-31.5446	32.6680
95	1305	Load Combinations: AASHTO-I	67.0073	15.7622	0.2974	0.0000	-2.0315	-5.1160
95	1305	Load Combinations: AASHTO-E	106.6884	0.8578	1.7437	0.0000	0.8304	-31.8245
95	1305	Load Combinations: AASHTO-IB	56.1829	19.8488	2.5860	-0.0001	15.2469	16.2146
95	1305	Load Combinations: AASHTO-VB-A	76.8395	12.3505	5.7919	-0.0001	13.3429	5.4818
95	1305	Load Combinations: AASHTO-VB-B	262.0617	-1.0362	19.8770	0.0004	40.7472	-42.2944
95	1305	Load Combinations: AASHTO-VB-C	46.5644	13.5738	5.6236	-0.0001	14.3990	17.8705
95	1305	Load Combinations: AASHTO-VB-D	229.5316	0.2047	19.6471	0.0003	41.9672	-28.7022
95	1305	Load Combinations: AASHTO-I-S	22.9047	13.7723	0.0135	0.0000	-0.1050	10.7306
95	1305	Load Combinations: AASHTO-B-S	82.0643	0.8393	1.3373	0.0000	0.6462	-24.4104
95	1305	Load Combinations: AASHTO-IB-S	36.6835	15.5907	2.1646	-0.0001	12.0966	15.5968
95	1305	Load Combinations: AASHTO-VB-A-S	60.6502	9.4640	4.4425	0.0000	10.2974	4.0513
95	1305	Load Combinations: AASHTO-VB-B-S	201.4203	-0.8259	15.2218	0.0002	31.5446	-32.6680

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
95	1306	Load Combinations: AASHTO-I	-72.5208	-15.7705	-0.2875	0.0000	1.7442	20.8821
95	1306	Load Combinations: AASHTO-II	-112.1998	-0.8610	-1.7446	0.0000	-2.5745	32.4838
95	1306	Load Combinations: AASHTO-III	-61.6864	-15.8571	-2.9008	0.0001	-18.1462	3.8391
95	1306	Load Combinations: AASHTO-VB-A	-64.3530	-12.3561	-5.7960	0.0001	-19.1368	6.8713
95	1306	Load Combinations: AASHTO-VB-B	-267.5702	1.0268	-19.8912	-0.0004	-80.6303	41.2560
95	1306	Load Combinations: AASHTO-VB-C	-52.6995	-13.5775	-5.6267	0.0001	-20.0241	-4.3950
95	1306	Load Combinations: AASHTO-VB-D	-233.8467	-0.2089	-19.6574	-0.0003	-81.6184	28.8080
95	1306	Load Combinations: AASHTO-I-S	-27.1459	-13.7758	-6.0135	0.0000	0.0816	3.0439
95	1306	Load Combinations: AASHTO-II-S	-86.3254	-0.6414	-1.3379	0.0000	-1.9857	25.0507
95	1306	Load Combinations: AASHTO-III-S	-46.9047	-15.5855	-2.1665	0.0001	-14.2622	-0.0038
95	1306	Load Combinations: AASHTO-VB-A-S	-64.8813	-8.4673	-4.4429	0.0000	-14.7390	5.4142
95	1306	Load Combinations: AASHTO-VB-B-S	-205.9615	0.8235	-15.2299	-0.0002	-46.7697	31.8435
96	1306	Load Combinations: AASHTO-I	72.5258	12.7462	0.2913	0.0000	-1.7442	-20.8821
96	1306	Load Combinations: AASHTO-II	112.2005	-0.0294	1.4042	0.0000	2.5746	-32.4838
96	1306	Load Combinations: AASHTO-III	61.7020	15.5752	3.0148	-0.0001	18.1462	-3.8391
96	1306	Load Combinations: AASHTO-VB-A	64.3686	10.2071	4.4202	-0.0001	18.1368	-6.8713
96	1306	Load Combinations: AASHTO-VB-B	267.5886	-1.8218	15.2704	0.0003	80.6303	-41.2560
96	1306	Load Combinations: AASHTO-VB-C	50.7025	11.4936	4.2593	-0.0001	20.0241	4.3950
96	1306	Load Combinations: AASHTO-VB-D	233.6800	-0.5216	15.0066	0.0002	81.6184	-28.8080
96	1306	Load Combinations: AASHTO-I-S	27.1483	11.4896	5.0134	0.0000	-0.0816	-3.0439
96	1306	Load Combinations: AASHTO-II-S	86.3258	-0.0407	1.0786	0.0000	1.9857	-25.0507
96	1306	Load Combinations: AASHTO-III-S	46.9078	13.0856	1.4690	-0.0001	14.2622	0.0038
96	1306	Load Combinations: AASHTO-VB-A-S	64.8834	7.8183	3.3875	0.0000	14.7390	-5.4142
96	1306	Load Combinations: AASHTO-VB-B-S	205.9893	-1.4301	11.8896	0.0002	46.7697	-31.8435
99	1307	Load Combinations: AASHTO-I	-76.0393	-12.7563	-0.2813	0.0000	1.4629	33.6341
99	1307	Load Combinations: AASHTO-II	-117.7140	0.0293	-1.4049	0.0000	-3.9769	32.4559
99	1307	Load Combinations: AASHTO-III	-67.2155	-16.5835	-2.0175	0.0001	-20.1624	20.2173
99	1307	Load Combinations: AASHTO-VB-A	-68.8700	-10.2126	-4.4042	0.0001	-23.5589	17.0810
99	1307	Load Combinations: AASHTO-VB-B	-273.1020	1.8187	-15.2830	-0.0003	-75.9062	39.4358
99	1307	Load Combinations: AASHTO-VB-C	-54.8378	-11.4974	-4.2622	0.0001	-24.2948	7.1004
99	1307	Load Combinations: AASHTO-VB-D	-237.8151	0.5196	-15.0664	-0.0002	-78.6790	29.3675
99	1307	Load Combinations: AASHTO-I-S	-31.3995	-11.4940	-0.0134	0.0000	0.0782	14.5357
99	1307	Load Combinations: AASHTO-II-S	-90.5669	0.0399	-1.0771	0.0000	-3.0626	25.0109
99	1307	Load Combinations: AASHTO-III-S	-46.1490	-13.0904	-1.4908	0.0001	-15.7020	13.0840

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
99	1307	Load Combinations: AASHTO-VB-A-S	-69.1345	-7.8216	-3.3898	0.0000	-18.1277	13.2341
99	1307	Load Combinations: AASHTO-VB-B-S	-209.9109	1.4283	-11.6973	-0.0002	-58.4625	30.4144
97	1307	Load Combinations: AASHTO-I	76.0454	8.9229	0.2694	0.0000	-1.4629	-33.6341
97	1307	Load Combinations: AASHTO-II	117.7146	-1.0914	0.9733	0.0000	3.9769	-32.4559
97	1307	Load Combinations: AASHTO-III	67.2229	12.5750	0.9229	-0.0001	20.1624	-20.2173
97	1307	Load Combinations: AASHTO-VB-A	68.8743	7.4674	2.7024	0.0000	23.5589	-17.0810
97	1307	Load Combinations: AASHTO-VB-B	273.1173	-2.7359	9.4948	0.0003	75.9062	-39.4359
97	1307	Load Combinations: AASHTO-VB-C	54.8415	8.8391	2.5333	-0.0001	24.2948	-7.1004
97	1307	Load Combinations: AASHTO-VB-D	237.8303	-1.3667	9.3957	0.0002	78.6790	-29.3675
97	1307	Load Combinations: AASHTO-I-S	31.3929	8.5828	0.0131	0.0000	-0.0782	-14.5357
97	1307	Load Combinations: AASHTO-II-S	90.5673	-0.8545	0.7462	0.0000	3.0626	-25.0109
97	1307	Load Combinations: AASHTO-III-S	46.1532	8.8493	0.6543	-0.0001	15.7020	-13.0840
97	1307	Load Combinations: AASHTO-VB-A-S	69.1371	5.7159	2.0693	0.0000	18.1277	-13.2341
97	1307	Load Combinations: AASHTO-VB-B-S	209.9194	-2.1283	7.2624	0.0001	58.4625	-30.4144
97	1308	Load Combinations: AASHTO-I	-83.5589	-8.9308	-0.2694	0.0000	1.1935	42.5607
97	1308	Load Combinations: AASHTO-II	-123.2281	1.0896	-0.9742	0.0000	-4.9526	31.3980
97	1308	Load Combinations: AASHTO-III	-72.7363	-12.5831	-0.9251	0.0001	-21.0863	32.5960
97	1308	Load Combinations: AASHTO-VB-A	-85.3678	-7.4728	-2.7062	0.0000	-26.2931	24.5509
97	1308	Load Combinations: AASHTO-VB-B	-278.6308	2.7532	-9.5072	-0.0003	-85.4066	36.7014
97	1308	Load Combinations: AASHTO-VB-C	-58.9786	-8.8129	-2.5581	0.0001	-26.8394	15.9113
97	1308	Load Combinations: AASHTO-VB-D	-241.9604	1.3789	-9.3150	-0.0002	-85.3868	28.0078
97	1308	Load Combinations: AASHTO-I-S	-35.6339	-8.5671	-0.0131	0.0000	0.0851	23.1006
97	1308	Load Combinations: AASHTO-II-S	-94.8095	0.8529	-0.7467	0.0000	-3.8080	24.1572
97	1308	Load Combinations: AASHTO-III-S	-49.3943	-8.8702	-0.6557	0.0001	-16.4070	22.9518
97	1308	Load Combinations: AASHTO-VB-A-S	-73.3782	-5.7189	-2.0716	0.0000	-20.1960	16.9513
97	1308	Load Combinations: AASHTO-VB-B-S	-214.1606	2.1267	-7.2696	-0.0001	-65.7282	28.2870
99	1308	Load Combinations: AASHTO-I	83.5652	4.7165	0.2512	0.0000	-1.1935	-42.5607
99	1308	Load Combinations: AASHTO-II	123.2286	-2.1844	0.5905	0.0000	4.9526	-31.3980
99	1308	Load Combinations: AASHTO-III	72.7441	7.7030	-0.2446	-0.0001	21.0863	-32.5960
99	1308	Load Combinations: AASHTO-VB-A	85.3922	4.4325	0.8407	0.0000	26.2931	-24.5509
99	1308	Load Combinations: AASHTO-VB-B	278.6456	-3.6376	3.2281	0.0002	85.4066	-36.7015
99	1308	Load Combinations: AASHTO-VB-C	58.9836	5.8048	0.7072	-0.0001	26.8394	-15.9113
99	1308	Load Combinations: AASHTO-VB-D	241.9660	-2.2534	5.0684	0.0001	85.3868	-28.0078
99	1308	Load Combinations: AASHTO-I-S	35.6375	5.3089	0.0125	0.0000	-0.0851	-23.1006

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
98	1308	Load Combinations: AASHTO-B-S	94.8088	-1.6919	0.3834	0.0000	5.8090	-24.1572
98	1308	Load Combinations: AASHTO-BI-S	48.3988	6.2763	-0.2367	0.0000	16.4078	-22.9518
98	1308	Load Combinations: AASHTO-VB-A-S	73.3809	3.3871	0.6408	0.0000	20.1980	-18.9513
98	1308	Load Combinations: AASHTO-VB-B-S	214.1993	-2.8184	2.4094	0.0001	65.7282	-28.2810
98	1309	Load Combinations: AASHTO-I	-89.0787	-6.7239	-0.2512	0.0000	5.9423	-47.2808
98	1309	Load Combinations: AASHTO-E	-139.7421	2.1819	-0.5013	0.0000	-5.4535	28.1835
98	1309	Load Combinations: AASHTO-BI	-76.2576	-7.7107	0.2423	0.0001	-20.8429	46.3027
98	1309	Load Combinations: AASHTO-VB-A	-100.9057	-4.4376	-0.6442	0.0000	-27.1069	25.9959
98	1309	Load Combinations: AASHTO-VB-B	-264.1590	3.6351	-3.2397	-0.0002	-88.8404	53.0054
98	1309	Load Combinations: AASHTO-VB-C	-63.1159	-5.8084	-0.7096	0.0001	-27.5479	21.7179
98	1309	Load Combinations: AASHTO-VB-D	-246.1191	2.2518	-3.0791	-0.0001	-88.0624	25.7953
98	1309	Load Combinations: AASHTO-II-S	-39.8796	-5.3131	-0.0126	0.0000	0.0525	28.4715
98	1309	Load Combinations: AASHTO-BI-S	-68.0499	1.8904	-0.3839	0.0000	-4.1926	22.4982
98	1309	Load Combinations: AASHTO-BI-S	-53.6490	-6.2909	0.2363	0.0000	-16.1710	29.2303
98	1309	Load Combinations: AASHTO-VB-A-S	-77.6220	-5.3902	-0.6438	0.0000	-20.8399	22.3399
98	1309	Load Combinations: AASHTO-VB-B-S	-218.4104	2.8150	-2.4663	-0.0001	-66.1909	25.4715
99	1309	Load Combinations: AASHTO-I	89.2643	0.5200	0.2274	0.0000	-0.9423	-47.2808
99	1309	Load Combinations: AASHTO-E	128.7424	-5.1896	0.0295	0.0000	5.4535	-29.1829
99	1309	Load Combinations: AASHTO-BI	78.2640	2.9804	-1.3706	0.0000	20.8429	-46.3027
99	1309	Load Combinations: AASHTO-VB-A	100.9097	1.3789	-0.9696	0.0000	27.1069	-26.9959
99	1309	Load Combinations: AASHTO-VB-B	264.1715	-4.4194	-2.9299	0.0001	88.8404	-53.0054
99	1309	Load Combinations: AASHTO-VB-C	63.1198	2.7470	-1.1096	0.0000	27.5479	-21.7179
99	1309	Load Combinations: AASHTO-VB-D	246.1276	-3.0424	-3.0521	0.0001	88.0624	-25.7953
99	1309	Load Combinations: AASHTO-I-S	39.8819	2.0219	0.0117	0.0000	-0.0525	-28.4715
99	1309	Load Combinations: AASHTO-B-S	99.0501	-2.4015	0.0221	0.0000	4.1926	-22.4982
99	1309	Load Combinations: AASHTO-BI-S	53.6443	2.6395	-1.0948	0.0000	16.1710	-29.2303
99	1309	Load Combinations: AASHTO-VB-A-S	77.6244	1.5448	-0.7603	0.0000	20.8398	-22.3399
99	1309	Load Combinations: AASHTO-VB-B-S	218.4178	-3.4124	-2.2579	0.0001	66.1909	-25.4715
99	1310	Load Combinations: AASHTO-I	-94.5978	-0.5269	-0.2274	0.0000	0.7150	47.8042
99	1310	Load Combinations: AASHTO-E	-134.2559	5.1874	-0.0302	0.0000	-5.4833	25.9945
99	1310	Load Combinations: AASHTO-BI	-83.7784	-2.9878	1.3684	0.0000	-19.4734	43.2968
99	1310	Load Combinations: AASHTO-VB-A	-106.4232	-1.3838	0.9823	0.0000	-26.1216	30.3672
99	1310	Load Combinations: AASHTO-VB-B	-269.6850	4.4173	2.9181	-0.0001	-86.7180	28.6473
99	1310	Load Combinations: AASHTO-VB-C	-67.2549	-2.7504	1.0982	0.0000	-25.4486	24.4664

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
99	1310	Load Combinations: AASHTO-VB-D	-250.2828	5.0411	3.0440	-0.0001	-86.0140	22.7137
99	1310	Load Combinations: AASHTO-II-S	-94.1231	-2.0235	-0.0117	0.0000	0.0409	30.4350
99	1310	Load Combinations: AASHTO-B-S	-103.2813	2.4902	-0.0226	0.0000	-4.2150	20.0054
99	1310	Load Combinations: AASHTO-BI-S	-57.8854	-2.8440	1.0898	0.0000	-15.0798	31.8721
99	1310	Load Combinations: AASHTO-VB-A-S	-81.8655	-1.3478	0.7584	0.0000	-20.0804	23.3861
99	1310	Load Combinations: AASHTO-VB-B-S	-223.6599	3.4112	2.2515	-0.0001	-65.9364	22.0599
100	1310	Load Combinations: AASHTO-I	94.8024	-5.3183	0.1988	0.0000	-0.7150	-47.8042
100	1310	Load Combinations: AASHTO-E	134.2561	-4.0098	-0.4004	0.0000	5.4833	-25.9945
100	1310	Load Combinations: AASHTO-BI	83.7844	-1.4104	-2.3053	0.0000	19.4734	-43.2968
100	1310	Load Combinations: AASHTO-VB-A	106.4295	-1.4436	-2.8197	0.0000	26.1216	-30.3672
100	1310	Load Combinations: AASHTO-VB-B	269.6944	-4.9563	-6.4422	0.0001	86.7180	-28.6473
100	1310	Load Combinations: AASHTO-VB-C	67.2581	-0.1204	-2.7146	0.0000	25.4488	-24.4664
100	1310	Load Combinations: AASHTO-VB-D	250.2722	-3.6694	-6.5335	0.0001	86.0140	-22.7137
100	1310	Load Combinations: AASHTO-II-S	94.1259	-1.0235	0.0109	0.0000	-0.0409	-30.4350
100	1310	Load Combinations: AASHTO-B-S	103.2914	-3.0990	-0.3077	0.0000	4.2150	-20.0054
100	1310	Load Combinations: AASHTO-BI-S	57.8890	-0.7518	-1.8439	0.0000	15.0798	-31.8721
100	1310	Load Combinations: AASHTO-VB-A-S	81.8674	-1.1201	-2.0140	0.0000	20.0804	-23.3861
100	1310	Load Combinations: AASHTO-VB-B-S	222.6645	-5.8527	-6.4852	0.0000	65.9364	-22.0599
100	1311	Load Combinations: AASHTO-I	-100.1159	3.3118	-0.1989	0.0000	0.5181	44.4892
100	1311	Load Combinations: AASHTO-E	-139.7696	4.0078	0.3997	0.0000	-5.0833	21.9958
100	1311	Load Combinations: AASHTO-BI	-89.2979	1.4284	2.3034	0.0000	-17.1191	41.8799
100	1311	Load Combinations: AASHTO-VB-A	-111.9490	1.4390	2.8167	0.0000	-23.5035	26.9259
100	1311	Load Combinations: AASHTO-VB-B	-295.3079	4.9965	6.4322	-0.0001	-77.2824	23.6902
100	1311	Load Combinations: AASHTO-VB-C	-71.3933	0.1171	2.7123	0.0000	-23.7352	24.3477
100	1311	Load Combinations: AASHTO-VB-D	-254.4073	3.6662	6.5260	-0.0001	-77.4853	19.0452
100	1311	Load Combinations: AASHTO-II-S	-48.3670	1.0298	-0.0105	0.0000	0.0304	29.4034
100	1311	Load Combinations: AASHTO-B-S	-107.5325	3.0878	0.3072	0.0000	-3.9075	19.9171
100	1311	Load Combinations: AASHTO-BI-S	-62.1302	0.7478	1.8426	0.0000	-15.2334	31.1223
100	1311	Load Combinations: AASHTO-VB-A-S	-86.1086	1.1174	2.0122	0.0000	-19.0674	22.3875
100	1311	Load Combinations: AASHTO-VB-B-S	-229.9056	5.8517	6.4793	0.0000	-58.4544	18.2078
101	1311	Load Combinations: AASHTO-I	100.1191	-6.4893	0.1871	0.0000	-0.5181	-44.4892
101	1311	Load Combinations: AASHTO-E	139.7697	-4.5654	-0.7544	0.0000	5.0833	-21.9959
101	1311	Load Combinations: AASHTO-BI	89.3024	-5.1288	-3.1138	0.0000	17.1191	-41.8799
101	1311	Load Combinations: AASHTO-VB-A	111.9423	-3.8120	-3.8253	0.0000	23.5035	-26.9259

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
101	1311	Load Combinations: AASHTO-VB-B	295.2141	-5.3080	-12.8569	0.0001	77.2824	-23.6502
101	1311	Load Combinations: AASHTO-VB-C	71.3957	-2.5764	-3.8997	0.0000	23.7952	-24.3477
101	1311	Load Combinations: AASHTO-VB-D	254.4154	-4.0710	-12.9165	0.0000	77.4853	-19.0452
101	1311	Load Combinations: AASHTO-I-S	48.3691	-3.6174	0.0092	0.0000	-0.0304	-29.4034
101	1311	Load Combinations: AASHTO-II-S	107.5326	-3.5136	-0.5792	0.0000	3.8075	-16.9171
101	1311	Load Combinations: AASHTO-III-S	62.1329	-3.6347	-2.4190	0.0000	13.2334	-31.1223
101	1311	Load Combinations: AASHTO-VB-A-E	86.1099	-2.8364	-3.0155	0.0000	18.0674	-22.2673
101	1311	Load Combinations: AASHTO-VB-B-E	226.8092	-4.0877	-8.8896	0.0000	59.4544	-18.2078
101	1312	Load Combinations: AASHTO-I	-105.6326	6.4832	-0.1671	0.0000	0.3491	36.0031
101	1312	Load Combinations: AASHTO-II	-145.2832	4.5936	0.7337	0.0000	-4.3293	17.4215
101	1312	Load Combinations: AASHTO-III	-94.8159	5.1195	3.1120	0.0000	-14.0063	36.7572
101	1312	Load Combinations: AASHTO-VB-A	-117.4658	3.8077	3.9225	0.0000	-19.5797	25.1181
101	1312	Load Combinations: AASHTO-VB-B	-300.7275	5.3077	12.8471	-0.0001	-64.4319	16.3421
101	1312	Load Combinations: AASHTO-VB-C	-75.5308	2.5753	3.9978	0.0000	-19.7366	21.7729
101	1312	Load Combinations: AASHTO-VB-D	-258.5465	4.0700	12.9286	0.0000	-64.5730	14.8749
101	1312	Load Combinations: AASHTO-I-S	-52.8155	3.6139	-0.0092	0.0000	0.0213	25.7879
101	1312	Load Combinations: AASHTO-II-S	-111.7737	3.5134	0.5788	0.0000	-3.3285	13.4042
101	1312	Load Combinations: AASHTO-III-S	-68.3740	3.6309	2.4192	0.0000	-10.8150	27.4865
101	1312	Load Combinations: AASHTO-VB-A-E	-90.3511	2.8339	3.0139	0.0000	-15.0527	19.3323
101	1312	Load Combinations: AASHTO-VB-B-E	-231.1504	4.0868	8.8844	0.0000	-46.5879	14.1298
102	1312	Load Combinations: AASHTO-I	105.6345	-6.7157	0.1335	0.0000	-0.3491	-36.0031
102	1312	Load Combinations: AASHTO-II	145.2832	-4.7894	-1.0013	0.0000	4.3293	-17.4215
102	1312	Load Combinations: AASHTO-III	94.8187	-7.8550	-3.5716	0.0000	14.0063	-36.7572
102	1312	Load Combinations: AASHTO-VB-A	117.4671	-5.5247	-4.7811	0.0000	19.5797	-25.1181
102	1312	Load Combinations: AASHTO-VB-B	300.7305	-5.3997	-15.7598	0.0000	64.4319	-16.3421
102	1312	Load Combinations: AASHTO-VB-C	75.5322	-4.4200	-4.8363	0.0000	19.7366	-21.7729
102	1312	Load Combinations: AASHTO-VB-D	258.5515	-4.1945	-15.7940	0.0000	64.5730	-14.8749
102	1312	Load Combinations: AASHTO-I-S	52.8116	-5.5137	0.0076	0.0000	-0.0212	-25.7879
102	1312	Load Combinations: AASHTO-II-S	111.7737	-3.6836	-0.7688	0.0000	3.3285	-13.4042
102	1312	Load Combinations: AASHTO-III-S	68.3757	-5.7694	-2.7831	0.0000	10.8150	-27.4865
102	1312	Load Combinations: AASHTO-VB-A-E	90.3519	-4.2467	-3.6722	0.0000	15.0527	-19.3323
102	1312	Load Combinations: AASHTO-VB-B-E	231.1521	-4.0773	-12.0984	0.0000	46.5879	-14.1298
102	1313	Load Combinations: AASHTO-I	-111.1480	6.7100	-0.1335	0.0000	0.2155	29.2904
102	1313	Load Combinations: AASHTO-II	-150.7957	4.7578	1.0007	0.0000	-3.3265	12.4391

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
102	1313	Load Combinations: AASHTO-III	-100.3322	7.8488	3.5693	0.0000	-10.4362	28.8055
102	1313	Load Combinations: AASHTO-VB-A	-122.9706	5.5206	4.7785	0.0000	-14.8000	19.5939
102	1313	Load Combinations: AASHTO-VB-B	-306.2440	5.2983	15.7510	0.0000	-46.6775	13.0405
102	1313	Load Combinations: AASHTO-VB-C	-79.8674	4.4170	4.8344	0.0000	-14.9013	17.3544
102	1313	Load Combinations: AASHTO-VB-D	-262.8898	4.1935	15.7880	0.0000	-46.7827	10.7912
102	1313	Load Combinations: AASHTO-I-S	-56.9528	5.5104	-0.0079	0.0000	0.0136	20.2759
102	1313	Load Combinations: AASHTO-II-S	-116.0149	3.6827	0.7684	0.0000	-2.5600	9.7212
102	1313	Load Combinations: AASHTO-III-S	-70.6168	5.7658	2.7821	0.0000	-8.0524	21.7320
102	1313	Load Combinations: AASHTO-VB-A-E	-94.5690	4.2473	3.6707	0.0000	-11.3814	15.0838
102	1313	Load Combinations: AASHTO-VB-B-E	-235.3652	4.0765	12.0933	0.0000	-37.4927	10.0441
103	1313	Load Combinations: AASHTO-I	111.1485	-6.7406	0.0998	0.0000	-0.2155	-29.2904
103	1313	Load Combinations: AASHTO-II	150.7995	-4.8211	-1.1123	0.0000	3.3265	-12.8391
103	1313	Load Combinations: AASHTO-III	100.3334	-8.3074	-3.8584	0.0000	10.4362	-28.9055
103	1313	Load Combinations: AASHTO-VB-A	122.9711	-6.3941	-5.0758	0.0000	14.8000	-19.5939
103	1313	Load Combinations: AASHTO-VB-B	306.2439	-4.9230	-15.7741	0.0000	46.6775	-13.0405
103	1313	Load Combinations: AASHTO-VB-C	79.8680	-5.4634	-5.1144	0.0000	14.9013	-17.3544
103	1313	Load Combinations: AASHTO-VB-D	262.8898	-3.9925	-15.7922	0.0000	46.7827	-10.7912
103	1313	Load Combinations: AASHTO-I-S	56.9533	-6.5213	0.0060	0.0000	-0.0136	-20.2759
103	1313	Load Combinations: AASHTO-II-S	116.0148	-3.3532	-0.8541	0.0000	2.5600	-9.7212
103	1313	Load Combinations: AASHTO-III-S	70.6179	-6.8331	-2.8241	0.0000	8.0524	-21.7320
103	1313	Load Combinations: AASHTO-VB-A-E	94.5693	-4.9165	-3.8987	0.0000	11.3814	-15.0838
103	1313	Load Combinations: AASHTO-VB-B-E	235.3932	-3.7962	-12.8622	0.0000	37.4927	-10.0441
103	1314	Load Combinations: AASHTO-I	-119.6620	6.7351	-0.0998	0.0000	0.1157	19.3529
103	1314	Load Combinations: AASHTO-II	-158.3100	4.8196	1.1117	0.0000	-2.2163	8.2129
103	1314	Load Combinations: AASHTO-III	-105.9469	8.3015	3.8589	0.0000	-6.7797	19.6013
103	1314	Load Combinations: AASHTO-VB-A	-128.4646	6.3962	5.0734	0.0000	-9.7256	13.2017
103	1314	Load Combinations: AASHTO-VB-B	-311.7574	4.9218	16.7958	0.0000	-31.9087	8.1215
103	1314	Load Combinations: AASHTO-VB-C	-83.8031	5.4626	5.1126	0.0000	-9.7879	11.8605
103	1314	Load Combinations: AASHTO-VB-D	-266.8217	3.9916	16.7961	0.0000	-31.9946	6.7894
103	1314	Load Combinations: AASHTO-I-S	-61.0945	6.5181	-0.0060	0.0000	0.0076	13.7943
103	1314	Load Combinations: AASHTO-II-S	-120.2559	3.5523	0.8539	0.0000	-1.7060	6.1886
103	1314	Load Combinations: AASHTO-III-S	-74.8587	6.8286	2.8232	0.0000	-5.2288	14.7908
103	1314	Load Combinations: AASHTO-VB-A-E	-98.6344	4.9142	3.8973	0.0000	-7.4835	10.1898
103	1314	Load Combinations: AASHTO-VB-B-E	-239.6344	3.7954	12.8774	0.0000	-24.8137	6.3586

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
104	1314	Load Combinations: AASHTO-I	116.6813	-8.3137	0.0673	0.0000	-0.1157	-16.5528
104	1314	Load Combinations: AASHTO-II	156.3098	-4.5012	-1.0593	0.0000	2.2149	-8.0129
104	1314	Load Combinations: AASHTO-III	105.8463	-9.2019	-3.5069	0.0000	8.7787	-19.6013
104	1314	Load Combinations: AASHTO-VB-A	128.4841	-6.2391	-4.7306	0.0000	9.7256	-13.2017
104	1314	Load Combinations: AASHTO-VB-B	311.7545	-4.1395	-15.5316	0.0000	31.9087	-8.1215
104	1314	Load Combinations: AASHTO-VB-C	83.8028	-5.5246	-4.7265	0.0000	9.7979	-11.8825
104	1314	Load Combinations: AASHTO-VB-D	266.8188	-3.4185	-15.5445	0.0000	31.9646	-6.7894
104	1314	Load Combinations: AASHTO-I-S	91.0943	-6.4445	0.0043	0.0000	-0.0079	-13.7583
104	1314	Load Combinations: AASHTO-II-S	120.2558	-3.0767	-0.8136	0.0000	1.7060	-6.1665
104	1314	Load Combinations: AASHTO-III-S	74.6585	-6.9092	-2.5812	0.0000	5.2258	-14.7908
104	1314	Load Combinations: AASHTO-VB-A-S	98.8342	-4.7973	-3.6117	0.0000	7.4836	-10.1886
104	1314	Load Combinations: AASHTO-VB-B-S	239.8326	-3.1794	-11.9398	0.0000	24.6137	-6.2596
104	1315	Load Combinations: AASHTO-I	-122.1748	9.3085	-0.0673	0.0000	0.0484	16.2403
104	1315	Load Combinations: AASHTO-II	-161.8233	5.8998	1.0587	0.0000	-1.1574	4.0126
104	1315	Load Combinations: AASHTO-III	-111.3598	9.1960	3.3078	0.0000	-3.4702	10.4026
104	1315	Load Combinations: AASHTO-VB-A	-133.8976	6.2343	4.6983	0.0000	-5.0263	6.8657
104	1315	Load Combinations: AASHTO-VB-B	-317.2682	4.1323	15.5237	0.0000	-16.3622	3.8659
104	1315	Load Combinations: AASHTO-VB-C	-87.8379	5.5218	4.7247	0.0000	-5.3824	8.3694
104	1315	Load Combinations: AASHTO-VB-D	-270.9540	3.4178	15.5387	0.0000	-16.4546	3.3716
104	1315	Load Combinations: AASHTO-I-S	-95.3354	6.4414	-0.0043	0.0000	0.0034	7.3134
104	1315	Load Combinations: AASHTO-II-S	-124.4669	3.0758	0.8135	0.0000	-0.8924	3.0924
104	1315	Load Combinations: AASHTO-III-S	-79.0996	6.9058	2.5803	0.0000	-2.6791	7.8654
104	1315	Load Combinations: AASHTO-VB-A-S	-103.0753	4.7950	3.6104	0.0000	-3.8726	5.3726
104	1315	Load Combinations: AASHTO-VB-B-S	-243.8738	3.1787	11.9352	0.0000	-12.6788	3.0796
105	1315	Load Combinations: AASHTO-I	122.1727	-7.1787	0.0373	0.0000	-0.0484	-16.2420
105	1315	Load Combinations: AASHTO-II	161.8229	-2.8998	-0.8135	0.0000	1.1574	-4.0126
105	1315	Load Combinations: AASHTO-III	111.3574	-7.2018	-2.4540	0.0000	3.4702	-10.4026
105	1315	Load Combinations: AASHTO-VB-A	133.8961	-4.8713	-3.5406	0.0000	5.0263	-6.8657
105	1315	Load Combinations: AASHTO-VB-B	317.2618	-2.8812	-11.8538	0.0000	16.3622	-3.8659
105	1315	Load Combinations: AASHTO-VB-C	87.8399	-4.4180	-3.5619	0.0000	5.0824	-8.3694
105	1315	Load Combinations: AASHTO-VB-D	270.9480	-2.4227	-11.6757	0.0000	16.4546	-3.3716
105	1315	Load Combinations: AASHTO-I-S	95.3344	-5.0845	0.0025	0.0000	-0.0034	-7.3134
105	1315	Load Combinations: AASHTO-II-S	124.4967	-2.2099	-0.8259	0.0000	0.8924	-3.0924
105	1315	Load Combinations: AASHTO-III-S	79.0983	-5.4781	-1.8914	0.0000	2.6791	-7.8834

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
105	1315	Load Combinations: AASHTO-VB-A-S	103.0744	-3.7090	-2.7256	0.0000	3.8725	-5.3726
105	1315	Load Combinations: AASHTO-VB-B-S	243.8702	-2.2190	-8.9820	0.0000	12.6788	-3.0796
105	1316	Load Combinations: AASHTO-I	-127.8861	7.1745	-0.0373	0.0000	0.0111	3.0851
106	1316	Load Combinations: AASHTO-II	-167.3364	2.8852	0.8129	0.0000	-0.3442	1.1468
106	1316	Load Combinations: AASHTO-III	-116.8709	7.2462	2.4528	0.0000	-1.0170	3.1538
106	1316	Load Combinations: AASHTO-VB-A	-139.5096	4.9076	3.5413	0.0000	-1.4839	2.0964
106	1316	Load Combinations: AASHTO-VB-B	-322.7753	2.8800	11.8460	0.0000	-4.7332	1.1065
106	1316	Load Combinations: AASHTO-VB-C	-92.9717	4.4183	3.5602	0.0000	-1.5014	1.9518
106	1316	Load Combinations: AASHTO-VB-D	-275.0831	2.4219	11.6689	0.0000	-4.7819	0.9494
106	1316	Load Combinations: AASHTO-I-S	-89.5705	5.0814	-0.0025	0.0000	0.0008	2.2308
106	1316	Load Combinations: AASHTO-II-S	-128.7579	2.2051	0.8255	0.0000	-0.2867	0.8870
106	1316	Load Combinations: AASHTO-III-S	-82.3394	5.4747	1.8900	0.0000	-0.7672	2.4071
106	1316	Load Combinations: AASHTO-VB-A-S	-107.3199	3.7479	2.7242	0.0000	-1.1477	1.6239
106	1316	Load Combinations: AASHTO-VB-B-S	-248.1114	2.2183	8.9774	0.0000	-3.6977	0.8611
106	1316	Load Combinations: AASHTO-I	127.8823	-3.0678	0.0111	0.0000	-0.0111	-3.0851
106	1316	Load Combinations: AASHTO-II	167.3358	-1.1475	-0.3445	0.0000	0.3442	-1.1468
106	1316	Load Combinations: AASHTO-III	116.8693	-3.1567	-1.0178	0.0000	1.0170	-3.1538
106	1316	Load Combinations: AASHTO-VB-A	139.5088	-2.0983	-1.4851	0.0000	1.4839	-2.0964
106	1316	Load Combinations: AASHTO-VB-B	322.7652	-1.1082	-4.7175	0.0000	4.7332	-1.1065
106	1316	Load Combinations: AASHTO-VB-C	92.9692	-1.9532	-1.5023	0.0000	1.5014	-1.9518
106	1316	Load Combinations: AASHTO-VB-D	275.0732	-0.9499	-4.7851	0.0000	4.7819	-0.9494
106	1316	Load Combinations: AASHTO-I-S	89.5735	-2.2321	0.0008	0.0000	-0.0008	-2.2308
106	1316	Load Combinations: AASHTO-II-S	128.7579	-0.8874	-0.2899	0.0000	0.2867	-0.8870
106	1316	Load Combinations: AASHTO-III-S	82.3368	-2.4088	-0.7677	0.0000	0.7672	-2.4071
106	1316	Load Combinations: AASHTO-VB-A-S	107.3140	-1.6248	-1.1484	0.0000	1.1477	-1.6239
106	1316	Load Combinations: AASHTO-VB-B-S	248.1054	-0.9615	-3.7002	0.0000	3.6977	-0.8611
106	1317	Load Combinations: AASHTO-I	-155.1958	3.0626	-0.0111	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-II	-172.8494	1.1462	0.3426	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-III	-123.3798	3.1511	1.0163	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-A	-145.9203	2.0948	1.4825	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-B	-328.2787	1.1060	4.7296	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-C	-96.2043	1.9505	1.5006	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-D	-279.2083	0.9491	4.7784	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-I-S	-73.8146	2.2391	-0.0008	0.0000	0.0000	0.0000

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
106	1317	Load Combinations: AASHTO-III-S	-132.9787	0.8666	0.2858	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-III-S	-67.5779	2.4054	0.7868	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-A-S	-111.5551	1.8227	1.1471	0.0000	0.0000	0.0000
106	1317	Load Combinations: AASHTO-VB-B-S	-252.3488	0.8808	0.8858	0.0000	0.0000	0.0000
107	913	Load Combinations: AASHTO-I	247.7134	18.9896	-1.8992	-0.0001	18.0575	24.3687
107	913	Load Combinations: AASHTO-II	165.7415	2.2981	0.3108	0.0000	11.9659	-23.3782
107	913	Load Combinations: AASHTO-III	153.9678	23.2539	2.1618	-0.0002	23.7310	46.5883
107	913	Load Combinations: AASHTO-VB-A	93.8326	14.0572	5.2762	-0.0001	17.5068	22.7056
107	913	Load Combinations: AASHTO-VB-B	8.7475	1.8232	19.3963	0.0002	44.1490	-24.1782
107	913	Load Combinations: AASHTO-VB-C	45.0967	14.9289	5.5613	-0.0001	15.0511	33.9462
107	913	Load Combinations: AASHTO-VB-D	-39.9016	2.7121	19.5586	0.0001	42.0441	-12.8214
107	913	Load Combinations: AASHTO-I-S	143.6803	15.5063	-1.0614	0.0000	8.4921	28.3158
107	913	Load Combinations: AASHTO-II-S	127.5232	1.7187	0.2309	0.0000	9.2477	-18.1128
107	913	Load Combinations: AASHTO-III-S	107.8143	18.0282	1.7432	-0.0001	17.4727	36.4102
107	913	Load Combinations: AASHTO-VB-A-S	72.3555	10.7654	4.0345	-0.0001	13.5546	17.1965
107	913	Load Combinations: AASHTO-VB-B-S	6.9705	1.3850	14.8215	0.0001	34.2171	-18.7993
107	1316	Load Combinations: AASHTO-I	-253.2269	-18.9976	1.9668	0.0001	-14.0586	-5.3762
107	1316	Load Combinations: AASHTO-II	-171.2550	-2.2716	-0.3121	0.0000	-12.2973	25.6459
107	1316	Load Combinations: AASHTO-III	-159.5112	-23.2618	-2.1653	0.0002	-25.8944	-25.3312
107	1316	Load Combinations: AASHTO-VB-A	-99.4481	-14.0626	-5.2807	0.0001	-22.7951	-8.6460
107	1316	Load Combinations: AASHTO-VB-B	-14.2610	-1.8286	-19.3912	-0.0002	-63.5227	26.0031
107	1316	Load Combinations: AASHTO-VB-C	-48.2218	-14.9328	-5.5647	0.0001	-20.6140	-19.0156
107	1316	Load Combinations: AASHTO-VB-D	35.7859	-2.7141	-19.5697	-0.0001	-61.6085	15.5345
107	1316	Load Combinations: AASHTO-I-S	-147.9315	-15.5106	1.0612	0.0000	-7.4309	-13.8110
107	1316	Load Combinations: AASHTO-II-S	-131.7643	-1.7208	-0.2317	0.0000	-8.4788	18.8325
107	1316	Load Combinations: AASHTO-III-S	-112.0654	-18.0308	-1.7453	0.0001	-19.2169	-21.3822
107	1316	Load Combinations: AASHTO-VB-A-S	-76.5967	-10.7667	-4.0372	0.0001	-17.5903	-6.4296
107	1316	Load Combinations: AASHTO-VB-B-S	-11.2117	-1.3675	-14.8303	-0.0001	-48.5400	20.1658
108	1316	Load Combinations: AASHTO-I	253.2292	17.2409	-1.9018	-0.0001	14.0599	5.3762
108	1316	Load Combinations: AASHTO-II	171.2595	1.7179	0.1214	0.0000	12.2973	-25.6459
108	1316	Load Combinations: AASHTO-III	159.5135	21.3556	1.6196	-0.0002	25.8944	25.3312
108	1316	Load Combinations: AASHTO-VB-A	99.4480	12.8228	4.4772	-0.0001	22.7951	8.6460
108	1316	Load Combinations: AASHTO-VB-B	14.2703	1.3181	19.6969	0.0002	63.5227	-26.0031
108	1316	Load Combinations: AASHTO-VB-C	48.2232	13.7405	4.7636	-0.0001	20.6140	19.0156

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
108	1316	Load Combinations: AASHTO-VB-D	-35.7367	2.2544	19.9004	0.0000	61.6085	-15.5345
108	1316	Load Combinations: AASHTO-I-S	147.9325	14.1099	-1.0591	0.0000	7.4308	13.8110
108	1316	Load Combinations: AASHTO-II-S	131.7646	1.2972	0.0868	0.0000	8.4788	-18.8325
108	1316	Load Combinations: AASHTO-III-S	112.0667	18.5758	1.3276	-0.0001	19.2169	21.3822
108	1316	Load Combinations: AASHTO-VB-A-S	76.5978	9.8172	3.4215	-0.0001	17.5903	6.4296
108	1316	Load Combinations: AASHTO-VB-B-S	11.2172	0.9765	12.7742	0.0001	49.0430	-20.1658
108	1319	Load Combinations: AASHTO-I	-258.7427	-17.2490	1.9913	0.0001	-12.0673	11.8677
108	1319	Load Combinations: AASHTO-II	-176.7690	-1.7211	-0.1226	0.0000	-12.4183	27.3654
108	1319	Load Combinations: AASHTO-III	-165.0270	-21.3636	-1.6223	0.0002	-27.5150	-3.9723
108	1319	Load Combinations: AASHTO-VB-A	-104.9615	-12.8283	-4.4815	0.0001	-27.2644	4.1782
108	1319	Load Combinations: AASHTO-VB-B	-19.7836	-1.3182	-19.7141	-0.0002	-80.2295	27.3207
108	1319	Load Combinations: AASHTO-VB-C	-53.3583	-13.7473	-4.7670	0.0001	-25.3793	-5.2703
108	1319	Load Combinations: AASHTO-VB-D	31.6219	-2.2583	-19.9110	0.0000	-78.5143	17.7888
109	1319	Load Combinations: AASHTO-I-S	-152.1736	-14.2043	1.0560	0.0000	-6.3749	0.3906
109	1319	Load Combinations: AASHTO-II-S	-136.0058	-1.2981	-0.0867	0.0000	-8.5853	21.1306
109	1319	Load Combinations: AASHTO-III-S	-116.2078	-18.5809	-1.3298	0.0001	-20.5457	-4.8044
109	1319	Load Combinations: AASHTO-VB-A-S	-80.8390	-9.8205	-3.4240	0.0001	-21.0130	3.3690
109	1319	Load Combinations: AASHTO-VB-B-S	-15.4589	-0.9784	-12.7826	-0.0001	-61.8213	21.1452
109	1319	Load Combinations: AASHTO-I	258.7474	14.1908	-1.9511	-0.0001	12.0673	-11.8677
109	1319	Load Combinations: AASHTO-II	176.7696	0.8087	-0.1854	0.0000	12.4185	-27.3654
109	1319	Load Combinations: AASHTO-III	165.0325	18.0128	0.7228	-0.0002	27.5150	3.9723
109	1319	Load Combinations: AASHTO-VB-A	104.9650	10.6651	3.1289	-0.0001	27.2644	-4.1782
109	1319	Load Combinations: AASHTO-VB-B	19.7977	0.4772	12.1740	0.0001	80.2295	-27.3207
109	1319	Load Combinations: AASHTO-VB-C	53.3613	11.6982	3.4143	-0.0001	25.3793	5.2703
109	1319	Load Combinations: AASHTO-VB-D	-31.6079	1.4845	12.3981	0.0000	78.5143	-17.7888
109	1319	Load Combinations: AASHTO-I-S	152.1760	11.9074	-1.0356	0.0000	6.3749	-0.3906
109	1319	Load Combinations: AASHTO-II-S	136.0081	0.6006	-0.1467	0.0000	8.5853	-21.1306
109	1319	Load Combinations: AASHTO-III-S	116.3009	14.0218	0.6404	-0.0001	20.5457	4.8044
109	1319	Load Combinations: AASHTO-VB-A-S	80.8410	8.1612	2.3875	-0.0001	21.0130	-3.3690
109	1319	Load Combinations: AASHTO-VB-B-S	15.4988	0.3340	9.3017	0.0001	61.8213	-21.1452
109	1320	Load Combinations: AASHTO-I	-264.2609	-14.1988	1.9909	0.0001	-10.1164	26.0816
109	1320	Load Combinations: AASHTO-II	-182.2631	-0.8117	0.1843	0.0000	-12.2344	28.1705
109	1320	Load Combinations: AASHTO-III	-170.5460	-18.0211	-0.7057	0.0002	-28.2393	14.0439
109	1320	Load Combinations: AASHTO-VB-A	-110.4784	-10.6709	-3.1330	0.0001	-30.7963	14.9469

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
109	1320	Load Combinations: AASHTO-VB-B	-25.3112	-0.4801	-12.1875	-0.0001	-82.4102	27.7984
109	1320	Load Combinations: AASHTO-VB-C	-57.4995	-11.6600	-3.4173	0.0001	-28.7951	6.3676
109	1320	Load Combinations: AASHTO-VB-D	27.4728	-1.4803	-12.3962	0.0000	-90.9055	19.2762
109	1320	Load Combinations: AASHTO-I-E	-158.4172	-11.9119	1.0335	0.0000	-5.3414	12.2998
109	1320	Load Combinations: AASHTO-B-S	-140.2473	-0.6024	0.1481	0.0000	-9.4189	21.7322
109	1320	Load Combinations: AASHTO-BI-S	-120.5421	-14.0286	-0.6421	0.0001	-21.1870	9.2194
109	1320	Load Combinations: AASHTO-VB-A-E	-85.0821	-8.1644	-2.3896	0.0001	-23.4016	11.5517
109	1320	Load Combinations: AASHTO-VB-B-S	-19.7576	-0.3357	-8.3097	-0.0001	-71.1270	21.4781
110	1320	Load Combinations: AASHTO-I	264.2670	10.2953	-1.8695	-0.0001	10.1164	-26.0616
110	1320	Load Combinations: AASHTO-E	162.2857	-0.2933	-0.5493	0.0000	12.2344	-28.1755
110	1320	Load Combinations: AASHTO-BI	175.5053	13.7029	-0.3624	-0.0001	28.2393	-14.0440
110	1320	Load Combinations: AASHTO-VB-A	110.4627	7.9003	1.4611	-0.0001	30.3653	-14.8468
110	1320	Load Combinations: AASHTO-VB-B	25.3285	-0.5366	6.5450	0.0001	92.4102	-27.7984
110	1320	Load Combinations: AASHTO-VB-C	57.5084	8.9804	1.7402	-0.0001	28.7951	-6.3676
110	1320	Load Combinations: AASHTO-VB-D	-27.4576	0.5366	6.7685	0.0000	90.9055	-19.2762
110	1320	Load Combinations: AASHTO-I-S	158.4204	8.8598	-0.8858	0.0000	5.3414	-12.2998
110	1320	Load Combinations: AASHTO-B-S	140.2477	-0.2434	-0.4271	0.0000	9.4189	-21.7322
110	1320	Load Combinations: AASHTO-BI-S	120.5469	10.7258	-0.1936	-0.0001	21.1870	-9.2194
110	1320	Load Combinations: AASHTO-VB-A-S	85.0847	6.0463	1.1987	0.0000	23.4016	-11.5517
110	1320	Load Combinations: AASHTO-VB-B-S	19.7167	-0.4419	4.8848	0.0001	71.1270	-21.4781
110	1321	Load Combinations: AASHTO-I	-259.7835	-10.3030	1.8683	0.0001	-8.2462	36.3801
110	1321	Load Combinations: AASHTO-E	-187.7972	0.2905	0.5483	0.0000	-11.6857	27.8836
110	1321	Load Combinations: AASHTO-BI	-176.0668	-13.7110	0.3597	0.0001	-27.8782	27.7504
110	1321	Load Combinations: AASHTO-VB-A	-115.9982	-7.8057	-1.4648	0.0001	-31.8582	22.7485
110	1321	Load Combinations: AASHTO-VB-B	-30.5400	0.5341	-6.3592	-0.0001	-98.9020	27.2641
110	1321	Load Combinations: AASHTO-VB-C	-61.8395	-8.8941	-1.7431	0.0001	-30.5367	15.3487
110	1321	Load Combinations: AASHTO-VB-D	23.3225	-0.5383	-6.7779	0.0000	-97.6787	19.8127
110	1321	Load Combinations: AASHTO-I-S	-160.6816	-8.8641	0.9889	0.0000	-4.3525	21.3614
110	1321	Load Combinations: AASHTO-B-S	-144.4899	0.2418	0.4256	0.0000	-8.9901	21.4899
110	1321	Load Combinations: AASHTO-BI-S	-124.7675	-10.7305	0.1920	0.0001	-20.9941	19.9473
110	1321	Load Combinations: AASHTO-VB-A-S	-89.3258	-6.0434	-1.1110	0.0000	-24.5114	17.5934
110	1321	Load Combinations: AASHTO-VB-B-S	-23.0578	0.4404	-4.8833	-0.0001	-76.1156	21.0370
111	1321	Load Combinations: AASHTO-I	259.7868	5.9854	-1.7418	0.0000	8.2462	-36.3801
111	1321	Load Combinations: AASHTO-E	187.7976	-1.4446	-0.8198	0.0000	11.6857	-27.8836

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
111	1321	Load Combinations: AASHTO-BI	176.0748	8.8865	-1.4648	-0.0001	27.8782	-27.7504
111	1321	Load Combinations: AASHTO-VB-A	116.0006	4.8289	-0.3222	-0.0001	31.8582	-22.7485
111	1321	Load Combinations: AASHTO-VB-B	30.8544	-1.5918	0.4828	0.0001	98.9020	-27.2641
111	1321	Load Combinations: AASHTO-VB-C	61.8386	5.8409	-0.0554	-0.0001	30.5367	-15.3487
111	1321	Load Combinations: AASHTO-VB-D	-23.3092	-0.4710	0.7227	0.0000	97.6787	-19.8127
111	1321	Load Combinations: AASHTO-I-S	160.6851	5.8749	-0.9212	0.0000	4.3525	-21.3614
111	1321	Load Combinations: AASHTO-B-S	144.4891	-1.1249	-0.7106	0.0000	8.9901	-21.4899
111	1321	Load Combinations: AASHTO-BI-S	124.7621	7.0391	-1.0658	-0.0001	20.9941	-19.9473
111	1321	Load Combinations: AASHTO-VB-A-S	89.3284	3.8855	-0.2582	0.0000	24.5114	-17.5934
111	1321	Load Combinations: AASHTO-VB-B-S	23.0662	-1.2464	0.5408	0.0000	76.1156	-21.0370
111	1322	Load Combinations: AASHTO-I	-215.3003	-6.8928	1.7417	0.0000	-6.5065	42.3488
111	1322	Load Combinations: AASHTO-E	-195.3113	1.4421	0.9190	0.0000	-10.7662	26.4484
111	1322	Load Combinations: AASHTO-BI	-181.5883	-6.8043	1.4923	0.0001	-26.3848	26.8404
111	1322	Load Combinations: AASHTO-VB-A	-121.5141	-4.8300	0.3197	0.0001	-31.5378	27.5818
111	1322	Load Combinations: AASHTO-VB-B	-36.3679	1.5893	-0.5046	-0.0001	-98.4607	25.6737
111	1322	Load Combinations: AASHTO-VB-C	-65.7747	-5.8446	0.0527	0.0001	-30.4827	21.2934
111	1322	Load Combinations: AASHTO-VB-D	19.1730	0.4695	-0.7314	0.0000	-98.4056	19.3425
111	1322	Load Combinations: AASHTO-I-S	-164.9093	-5.8791	0.9212	0.0000	-3.4314	26.9382
111	1322	Load Combinations: AASHTO-B-S	-148.7303	1.1234	0.7101	0.0000	-8.2797	20.3654
111	1322	Load Combinations: AASHTO-BI-S	-129.0333	-7.0427	1.0644	0.0001	-19.9291	29.9675
111	1322	Load Combinations: AASHTO-VB-A-S	-93.5695	-3.8886	0.2581	0.0000	-24.2543	21.2804
111	1322	Load Combinations: AASHTO-VB-B-S	-28.2074	1.2470	-0.3507	0.0000	-76.4628	19.7992
112	1322	Load Combinations: AASHTO-I	275.3062	1.8359	-1.5749	0.0000	6.5065	-42.3488
112	1322	Load Combinations: AASHTO-E	193.3117	-2.5244	-1.2581	0.0000	10.7662	-26.4484
112	1322	Load Combinations: AASHTO-BI	181.5859	3.8941	-2.5551	-0.0001	26.3848	-26.8404
112	1322	Load Combinations: AASHTO-VB-A	121.5181	1.7919	-2.0432	0.0000	31.5378	-27.5818
112	1322	Load Combinations: AASHTO-VB-B	36.3797	-2.5753	-5.3897	0.0001	98.4607	-25.6737
112	1322	Load Combinations: AASHTO-VB-C	65.7785	2.8851	-1.7952	0.0000	30.4827	-21.2934
112	1322	Load Combinations: AASHTO-VB-D	-19.1612	-1.4367	-5.1592	0.0000	98.4056	-19.3425
112	1322	Load Combinations: AASHTO-I-S	164.9096	2.3480	-0.8324	0.0000	3.4314	-26.9382
112	1322	Load Combinations: AASHTO-B-S	148.7305	-1.9513	-0.9677	0.0000	8.2797	-20.3654
112	1322	Load Combinations: AASHTO-BI-S	129.0377	3.2867	-1.8648	0.0000	19.9291	-29.9675
112	1322	Load Combinations: AASHTO-VB-A-S	93.5719	1.3104	-1.5771	0.0000	24.2543	-21.2804
112	1322	Load Combinations: AASHTO-VB-B-S	28.2144	-1.8996	-4.1655	0.0000	76.4628	-19.7992

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
112	1323	Load Combinations: AASHTO-I	-280.8196	-1.6636	1.5750	0.0000	-4.9317	44.0391
112	1323	Load Combinations: AASHTO-II	-198.8252	2.5221	1.2053	0.0000	-9.5196	23.9172
112	1323	Load Combinations: AASHTO-III	-187.1093	-4.0016	2.5529	0.0001	-23.8309	40.6392
112	1323	Load Combinations: AASHTO-VII-A	-127.0315	-1.7368	2.0409	0.0000	-29.4983	28.3191
112	1323	Load Combinations: AASHTO-VII-B	-41.8932	2.5732	5.3799	-0.0001	-94.0764	23.0984
112	1323	Load Combinations: AASHTO-VII-C	-89.9137	-2.6686	1.7926	0.0000	-28.6867	24.1591
112	1323	Load Combinations: AASHTO-VII-D	15.0260	1.4353	5.1512	0.0000	-80.2506	17.9065
112	1323	Load Combinations: AASHTO-I-S	-169.1508	-2.3520	0.8324	0.0000	-2.5990	29.2991
112	1323	Load Combinations: AASHTO-II-S	-152.6717	1.8590	0.9672	0.0000	-7.3123	18.4149
112	1323	Load Combinations: AASHTO-III-S	-133.2788	-3.2911	1.8835	0.0000	-18.0450	30.2762
112	1323	Load Combinations: AASHTO-VII-A-S	-97.8130	-1.3133	1.5752	0.0000	-23.6762	22.9023
112	1323	Load Combinations: AASHTO-VII-B-S	-32.4555	1.8984	4.1582	0.0000	-73.3005	17.7903
113	1323	Load Combinations: AASHTO-I	280.8245	-2.3336	-1.5759	0.0000	4.9317	-44.0391
113	1323	Load Combinations: AASHTO-II	198.8254	-3.4319	-1.2046	0.0000	9.5196	-23.9172
113	1323	Load Combinations: AASHTO-III	187.1157	-0.5811	-3.4442	0.0000	23.8309	-40.6392
113	1323	Load Combinations: AASHTO-VII-A	127.0347	-1.1415	-3.5498	0.0000	29.4983	-28.3191
113	1323	Load Combinations: AASHTO-VII-B	41.9018	-3.3950	-10.3667	0.0000	94.0764	-23.0984
113	1323	Load Combinations: AASHTO-VII-C	89.9198	-0.0222	-3.5256	0.0000	28.6867	-24.1591
113	1323	Load Combinations: AASHTO-VII-D	-15.0173	-2.2748	-10.3654	0.0000	80.2506	-17.9065
113	1323	Load Combinations: AASHTO-I-S	169.1536	-0.7521	-0.7299	0.0000	2.5990	-29.2991
113	1323	Load Combinations: AASHTO-II-S	152.6716	-2.6405	-1.1728	0.0000	7.3123	-18.4149
113	1323	Load Combinations: AASHTO-III-S	133.2829	-0.2283	-2.5743	0.0000	18.0450	-30.2762
113	1323	Load Combinations: AASHTO-VII-A-S	97.8149	-0.8923	-2.7314	0.0000	22.6762	-22.5923
113	1323	Load Combinations: AASHTO-VII-B-S	32.4609	-2.6245	-8.1498	0.0000	72.3005	-17.7903
113	1324	Load Combinations: AASHTO-I	-286.5380	2.3273	1.3757	0.0000	-3.5561	41.6787
113	1324	Load Combinations: AASHTO-II	-204.5389	3.4259	1.0239	0.0000	-7.9965	20.4865
113	1324	Load Combinations: AASHTO-III	-192.8292	0.5739	3.4422	0.0000	-20.3679	40.0606
113	1324	Load Combinations: AASHTO-VII-A	-132.5462	1.1369	3.5469	0.0000	-25.9480	28.1769
113	1324	Load Combinations: AASHTO-VII-B	-47.4153	3.3931	10.5788	0.0000	-83.4928	19.7054
113	1324	Load Combinations: AASHTO-VII-C	-74.0519	0.0189	3.3244	0.0000	-25.3633	24.1386
113	1324	Load Combinations: AASHTO-VII-D	10.8622	2.2727	10.3580	0.0000	-82.8998	15.8331
113	1324	Load Combinations: AASHTO-I-S	-173.3948	0.7484	0.7298	0.0000	-1.8725	28.5379
113	1324	Load Combinations: AASHTO-II-S	-157.2130	2.6443	1.1724	0.0000	-6.1398	15.7701
113	1324	Load Combinations: AASHTO-III-S	-137.8237	0.2242	2.5731	0.0000	-15.4714	30.0500

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
113	1324	Load Combinations: AASHTO-VII-A-S	-102.0560	0.8934	2.7296	0.0000	-19.9477	21.7014
113	1324	Load Combinations: AASHTO-VII-B-S	-36.7017	2.8234	8.1440	0.0000	-64.1537	15.1663
114	1324	Load Combinations: AASHTO-I	286.3415	-5.8681	-1.1538	0.0000	3.5561	-41.6787
114	1324	Load Combinations: AASHTO-II	204.3390	-4.0833	-1.8884	0.0000	7.9965	-20.4865
114	1324	Load Combinations: AASHTO-III	192.6340	-4.4832	-4.0794	0.0000	20.3679	-40.0606
114	1324	Load Combinations: AASHTO-VII-A	132.5505	-3.5644	-4.7114	0.0000	25.9480	-28.1769
114	1324	Load Combinations: AASHTO-VII-B	47.4206	-0.8737	-14.8614	0.0000	83.4928	-19.7054
114	1324	Load Combinations: AASHTO-VII-C	74.0543	-2.4090	-4.0182	0.0000	25.3633	-24.1386
114	1324	Load Combinations: AASHTO-VII-D	-10.8768	-2.3060	-14.4540	0.0000	82.8998	-15.8331
114	1324	Load Combinations: AASHTO-I-S	173.3969	-0.3852	-0.8090	0.0000	1.8725	-28.5379
114	1324	Load Combinations: AASHTO-II-S	157.2130	-3.1452	-1.3054	0.0000	6.1398	-15.7701
114	1324	Load Combinations: AASHTO-III-S	137.5266	-3.2352	-3.0708	0.0000	15.4714	-30.0500
114	1324	Load Combinations: AASHTO-VII-A-S	102.0574	-2.7490	-3.6211	0.0000	19.9477	-21.7014
114	1324	Load Combinations: AASHTO-VII-B-S	36.7048	-3.0644	-11.2696	0.0000	64.1537	-15.1663
114	1325	Load Combinations: AASHTO-I	-291.8550	5.9620	1.1539	0.0000	-2.4024	96.0140
114	1325	Load Combinations: AASHTO-II	-209.8525	4.0815	1.8878	0.0000	-6.2885	16.4043
114	1325	Load Combinations: AASHTO-III	-198.1475	4.4765	4.0779	0.0000	-19.3099	35.5909
114	1325	Load Combinations: AASHTO-VII-A	-138.0640	3.5600	4.7067	0.0000	-21.2382	24.8148
114	1325	Load Combinations: AASHTO-VII-B	-52.9341	3.8721	14.8523	0.0000	-68.8361	15.7326
114	1325	Load Combinations: AASHTO-VII-C	-79.1894	2.4958	4.0162	0.0000	-20.8462	21.6412
114	1325	Load Combinations: AASHTO-VII-D	6.7417	2.3082	14.4477	0.0000	-65.4377	12.7244
114	1325	Load Combinations: AASHTO-I-S	-177.6391	0.3797	0.8090	0.0000	-1.2835	25.1398
114	1325	Load Combinations: AASHTO-II-S	-161.4542	3.1421	1.3050	0.0000	-4.8346	12.8275
114	1325	Load Combinations: AASHTO-III-S	-141.7677	3.2312	3.0688	0.0000	-12.4012	26.8189
114	1325	Load Combinations: AASHTO-VII-A-S	-106.2885	2.7460	3.6185	0.0000	-16.3275	16.9537
114	1325	Load Combinations: AASHTO-VII-B-S	-40.9480	3.0834	11.2544	0.0000	-52.8887	12.1024
115	1325	Load Combinations: AASHTO-I	291.8571	-6.0584	-0.9202	0.0000	2.4024	-36.0140
115	1325	Load Combinations: AASHTO-II	209.8525	-4.4045	-1.7551	0.0000	6.2885	-16.4043
115	1325	Load Combinations: AASHTO-III	198.1506	-7.3888	-4.3690	0.0000	19.3099	-35.5909
115	1325	Load Combinations: AASHTO-VII-A	138.0653	-5.5331	-5.4136	0.0000	21.2382	-24.8148
115	1325	Load Combinations: AASHTO-VII-B	52.9383	-4.2409	-17.2182	0.0000	68.8361	-15.7326
115	1325	Load Combinations: AASHTO-VII-C	79.1906	-4.3628	-5.2549	0.0000	20.8462	-21.6412
115	1325	Load Combinations: AASHTO-VII-D	-6.7394	-3.2788	-17.0377	0.0000	65.4377	-12.7244
115	1325	Load Combinations: AASHTO-I-S	177.6396	-5.3259	-0.4858	0.0000	1.2835	-25.1398

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
115	1325	Load Combinations: AASHTO-B-S	161.4541	-3.3695	-1.3483	0.0000	4.8346	-12.6275
115	1325	Load Combinations: AASHTO-B-S	141.7696	-5.4864	-3.3198	0.0000	12.4012	-26.8169
115	1325	Load Combinations: AASHTO-VB-A-S	106.2993	-4.1036	-4.1588	0.0000	16.3275	-16.9537
115	1325	Load Combinations: AASHTO-VB-B-S	46.9472	-3.2883	-13.2271	0.0000	52.8867	-12.1024
115	1326	Load Combinations: AASHTO-I	-297.3708	8.0526	0.9220	0.0000	-1.4622	27.9591
115	1326	Load Combinations: AASHTO-II	-215.3695	4.4048	1.7540	0.0000	-4.5337	11.8988
115	1326	Load Combinations: AASHTO-III	-203.8641	7.3824	4.3884	0.0000	-11.8206	28.1957
115	1326	Load Combinations: AASHTO-VB-A	-143.5788	5.3080	5.4111	0.0000	-15.8260	19.2850
115	1326	Load Combinations: AASHTO-VB-B	-58.4498	4.3444	17.2098	0.0000	-51.8223	11.4674
115	1326	Load Combinations: AASHTO-VB-C	-62.5259	4.3598	5.2550	0.0000	-15.5924	17.2900
115	1326	Load Combinations: AASHTO-VB-D	2.6043	3.2777	17.0314	0.0000	-51.4031	9.4481
115	1326	Load Combinations: AASHTO-I-S	-181.8806	5.3231	0.4854	0.0000	-0.7781	19.8390
115	1326	Load Combinations: AASHTO-II-S	-165.8953	3.3865	1.3480	0.0000	-3.4865	9.2387
115	1326	Load Combinations: AASHTO-III-S	-149.0107	5.4826	3.3189	0.0000	-9.0819	21.3326
115	1326	Load Combinations: AASHTO-VB-A-S	-110.5404	4.1012	4.1573	0.0000	-12.1696	14.8515
115	1326	Load Combinations: AASHTO-VB-B-S	-45.1884	3.2683	13.2232	0.0000	-39.8622	8.8337
116	1326	Load Combinations: AASHTO-I	297.3714	-8.2371	-0.9660	0.0000	1.4622	-27.9591
116	1326	Load Combinations: AASHTO-II	215.3658	-4.3360	-1.8746	0.0000	4.5357	-11.8988
116	1326	Load Combinations: AASHTO-III	203.8654	-8.8957	-4.3118	0.0000	11.8206	-28.1957
116	1326	Load Combinations: AASHTO-VB-A	145.5792	-6.2542	-5.5516	0.0000	15.8260	-19.2850
116	1326	Load Combinations: AASHTO-VB-B	58.4491	-4.1522	-17.9812	0.0000	51.8223	-11.4674
116	1326	Load Combinations: AASHTO-VB-C	62.3265	-5.4049	-5.4308	0.0000	15.5924	-17.2900
116	1326	Load Combinations: AASHTO-VB-D	-2.6049	-3.3238	-17.7582	0.0000	51.4031	-9.4481
116	1326	Load Combinations: AASHTO-I-S	181.8812	-6.3739	-0.3914	0.0000	0.7781	-19.8390
116	1326	Load Combinations: AASHTO-II-S	165.8952	-3.3343	-1.2982	0.0000	3.4865	-9.2387
116	1326	Load Combinations: AASHTO-III-S	149.0115	-6.7510	-3.2719	0.0000	9.0819	-21.3326
116	1326	Load Combinations: AASHTO-VB-A-S	110.5407	-4.8101	-4.2842	0.0000	12.1696	-14.8515
116	1326	Load Combinations: AASHTO-VB-B-S	45.1890	-3.1938	-13.7478	0.0000	39.8622	-8.8337
116	1327	Load Combinations: AASHTO-I	-302.8648	8.2318	0.9961	0.0000	-0.7962	18.7254
116	1327	Load Combinations: AASHTO-II	-220.8793	4.5344	1.8740	0.0000	-2.8596	7.9639
116	1327	Load Combinations: AASHTO-III	-209.1788	8.9866	4.3105	0.0000	-7.6097	19.2035
116	1327	Load Combinations: AASHTO-VB-A	-149.0827	6.2502	5.5468	0.0000	-10.2757	13.0330
116	1327	Load Combinations: AASHTO-VB-B	-63.9628	4.1907	17.8932	0.0000	-33.7254	7.3360
116	1327	Load Combinations: AASHTO-VB-C	-66.4616	5.4230	5.4290	0.0000	-10.1625	11.8566

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
116	1327	Load Combinations: AASHTO-VB-D	-1.5304	3.5229	17.7522	0.0000	-33.8479	6.1229
116	1327	Load Combinations: AASHTO-I-S	-199.1224	6.3797	0.9615	0.0000	-0.4167	13.4670
116	1327	Load Combinations: AASHTO-II-S	-169.9364	3.3334	1.2859	0.0000	-2.2905	5.9050
116	1327	Load Combinations: AASHTO-III-S	-150.2527	6.1475	3.2709	0.0000	-5.8107	14.5836
116	1327	Load Combinations: AASHTO-VB-A-S	-114.7818	4.8079	4.2629	0.0000	-7.9061	10.0427
116	1327	Load Combinations: AASHTO-VB-B-S	-49.4291	3.1929	13.7431	0.0000	-25.9168	5.6404
117	1327	Load Combinations: AASHTO-I	302.8843	-8.5446	-0.4614	0.0000	0.7962	-18.7254
117	1327	Load Combinations: AASHTO-II	220.8791	-4.8078	-1.4368	0.0000	2.8596	-7.9639
117	1327	Load Combinations: AASHTO-III	209.1784	-9.0115	-3.7819	0.0000	7.6097	-19.2035
117	1327	Load Combinations: AASHTO-VB-A	149.0821	-6.1457	-5.0232	0.0000	10.2757	-13.0330
117	1327	Load Combinations: AASHTO-VB-B	63.9585	-3.8342	-16.3912	0.0000	33.7254	-7.3360
117	1327	Load Combinations: AASHTO-VB-C	66.4613	-5.5020	-4.9428	0.0000	10.1625	-11.8566
117	1327	Load Combinations: AASHTO-VB-D	1.5272	-2.9874	-16.2675	0.0000	33.8479	-6.1229
117	1327	Load Combinations: AASHTO-I-S	199.1222	-6.3297	-0.2426	0.0000	0.4167	-13.4670
117	1327	Load Combinations: AASHTO-II-S	169.9362	-2.9288	-1.1039	0.0000	2.2905	-5.9050
117	1327	Load Combinations: AASHTO-III-S	150.2524	-6.8051	-2.8782	0.0000	5.8107	-14.5836
117	1327	Load Combinations: AASHTO-VB-A-S	114.7815	-4.7270	-3.8093	0.0000	7.9061	-10.0427
117	1327	Load Combinations: AASHTO-VB-B-S	49.4272	-2.7936	-12.5648	0.0000	25.9168	-5.6404
117	1328	Load Combinations: AASHTO-I	-309.3976	8.3082	0.4915	0.0000	-0.3347	9.7641
117	1328	Load Combinations: AASHTO-II	-229.3926	5.9084	1.4363	0.0000	-1.4231	3.8589
117	1328	Load Combinations: AASHTO-III	-214.6819	9.0051	3.7805	0.0000	-3.8287	10.1959
117	1328	Load Combinations: AASHTO-VB-A	-154.9056	6.1419	5.0209	0.0000	-5.2538	6.8884
117	1328	Load Combinations: AASHTO-VB-B	-69.4728	3.8328	16.3035	0.0000	-17.3683	3.7029
117	1328	Load Combinations: AASHTO-VB-C	-80.5964	5.4993	4.9410	0.0000	-5.2208	6.3081
117	1328	Load Combinations: AASHTO-VB-D	-5.6823	2.9865	16.2618	0.0000	-17.3833	3.1358
117	1328	Load Combinations: AASHTO-I-S	-190.3634	6.3295	0.2427	0.0000	-0.1741	7.1332
117	1328	Load Combinations: AASHTO-II-S	-174.1774	2.9279	1.1039	0.0000	-1.0968	2.0766
117	1328	Load Combinations: AASHTO-III-S	-154.4936	6.9016	2.8773	0.0000	-2.9300	7.7804
117	1328	Load Combinations: AASHTO-VB-A-S	-119.0227	4.7248	3.8579	0.0000	-4.0477	5.3189
117	1328	Load Combinations: AASHTO-VB-B-S	-53.8683	2.7927	12.5801	0.0000	-13.3546	2.8473
118	1328	Load Combinations: AASHTO-I	308.3957	-8.8163	-0.2591	0.0000	0.3347	-9.7641
118	1328	Load Combinations: AASHTO-II	228.3922	-2.7930	-1.0309	0.0000	1.4231	-3.8589
118	1328	Load Combinations: AASHTO-III	214.6895	-7.1377	-2.7542	0.0000	3.8287	-10.1959
118	1328	Load Combinations: AASHTO-VB-A	154.9041	-4.8186	-3.7222	0.0000	5.2538	-6.8884

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
118	1328	Load Combinations: AASHTO-VB-B	89.4985	-2.8305	-12.2367	0.0000	17.3693	-3.7029
118	1328	Load Combinations: AASHTO-VB-C	90.5950	-4.4099	-3.6839	0.0000	5.2298	-6.3561
118	1328	Load Combinations: AASHTO-VB-D	5.8562	-2.2086	-12.2052	0.0000	17.3833	-3.1358
118	1328	Load Combinations: AASHTO-I-S	190.3623	-4.9909	-0.1540	0.0000	0.1741	-7.1332
118	1328	Load Combinations: AASHTO-II-S	134.1772	-2.1215	-6.7851	0.0000	1.0998	-2.6768
118	1328	Load Combinations: AASHTO-III-S	154.4822	-5.4215	-2.0681	0.0000	2.9030	-7.7804
118	1328	Load Combinations: AASHTO-VB-A-S	119.0218	-3.7104	-2.8625	0.0000	4.0477	-5.3169
118	1328	Load Combinations: AASHTO-VB-B-S	53.8846	-2.0219	-8.4007	0.0000	13.3546	-2.8473
118	1329	Load Combinations: AASHTO-I	-313.9060	6.8110	0.2562	0.0000	-0.0786	2.8710
118	1329	Load Combinations: AASHTO-II	-231.3057	2.7539	1.0203	0.0000	-0.4026	1.1029
118	1329	Load Combinations: AASHTO-III	-220.2029	7.1318	2.7327	0.0000	-1.0954	3.0615
118	1329	Load Combinations: AASHTO-VB-A	-180.1176	4.8148	3.7199	0.0000	-1.5329	2.0729
118	1329	Load Combinations: AASHTO-VB-B	-74.8600	2.8292	12.2292	0.0000	-5.1359	1.0729
118	1329	Load Combinations: AASHTO-VB-C	-94.7302	4.4059	3.6821	0.0000	-1.5379	1.9489
118	1329	Load Combinations: AASHTO-VB-D	-8.7913	2.2090	12.1998	0.0000	-5.1809	0.9263
118	1329	Load Combinations: AASHTO-I-S	-194.6035	4.9879	0.1340	0.0000	-0.0401	2.1441
118	1329	Load Combinations: AASHTO-II-S	-178.4183	2.1207	0.7849	0.0000	-0.3118	0.8558
118	1329	Load Combinations: AASHTO-III-S	-158.7334	5.4181	2.0873	0.0000	-0.8454	2.3606
118	1329	Load Combinations: AASHTO-VB-A-S	-123.2629	3.7082	2.8812	0.0000	-1.1859	1.6077
118	1329	Load Combinations: AASHTO-VB-B-S	-57.9058	2.0208	8.3963	0.0000	-3.9965	0.8261
118	1329	Load Combinations: AASHTO-I	313.9054	-2.8736	-0.0786	0.0000	0.0786	-2.8710
118	1329	Load Combinations: AASHTO-II	231.3052	-1.1039	-0.4029	0.0000	0.4026	-1.1029
118	1329	Load Combinations: AASHTO-III	220.1982	-3.0646	-1.0962	0.0000	1.0954	-3.0615
118	1329	Load Combinations: AASHTO-VB-A	180.1149	-2.0749	-1.5341	0.0000	1.5329	-2.0729
118	1329	Load Combinations: AASHTO-VB-B	74.8699	-1.0795	-5.1394	0.0000	5.1359	-1.0729
118	1329	Load Combinations: AASHTO-VB-C	94.7277	-1.9503	-1.5388	0.0000	1.5379	-1.9489
118	1329	Load Combinations: AASHTO-VB-D	8.7914	-0.9268	-5.1837	0.0000	5.1809	-0.9263
118	1329	Load Combinations: AASHTO-I-S	194.6014	-2.1457	-0.0401	0.0000	0.0401	-2.1441
118	1329	Load Combinations: AASHTO-II-S	178.4180	-0.8562	-0.3120	0.0000	0.3118	-0.8558
118	1329	Load Combinations: AASHTO-III-S	158.7306	-2.3626	-0.8456	0.0000	0.8454	-2.3606
118	1329	Load Combinations: AASHTO-VB-A-S	123.2613	-1.6088	-1.1865	0.0000	1.1859	-1.6077
118	1329	Load Combinations: AASHTO-VB-B-S	57.8999	-0.8265	-3.9585	0.0000	3.9563	-0.8261
118	1330	Load Combinations: AASHTO-I	-319.4186	2.8665	0.0767	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-II	-237.4187	1.1022	0.4024	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
118	1330	Load Combinations: AASHTO-III	-225.7117	5.0588	1.0948	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-A	-165.6283	3.8712	1.5319	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-B	-82.4834	1.9722	5.1319	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-C	-88.9628	1.9476	1.5371	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-D	-13.8185	0.9259	5.1781	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-I-S	-198.8438	2.1427	0.0401	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-II-S	-182.6582	0.8554	0.3117	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-III-S	-162.9718	2.3582	0.8450	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-A-S	-127.5024	1.6066	1.1852	0.0000	0.0000	0.0000
118	1330	Load Combinations: AASHTO-VB-B-S	-62.1410	0.8257	3.9541	0.0000	0.0000	0.0000
120	963	Load Combinations: AASHTO-I	247.7134	18.5896	1.0992	0.0001	-16.0575	24.3987
120	963	Load Combinations: AASHTO-II	190.6236	2.2395	2.8215	0.0000	-6.5284	-23.5946
120	963	Load Combinations: AASHTO-III	229.4334	22.4788	5.0541	-0.0001	0.5845	44.2133
120	963	Load Combinations: AASHTO-VB-A	197.1530	13.9152	7.0760	-0.0001	3.1480	21.7915
120	963	Load Combinations: AASHTO-VB-B	352.8014	1.4417	21.9022	0.0002	24.2854	-27.1232
120	963	Load Combinations: AASHTO-VB-C	148.1156	14.7675	6.7127	-0.0001	5.9000	33.0572
120	963	Load Combinations: AASHTO-VB-D	303.5143	2.3330	21.4488	0.0001	27.3699	-15.5746
120	963	Load Combinations: AASHTO-I-S	143.6903	15.5063	1.0614	0.0000	-8.4921	28.3188
120	963	Load Combinations: AASHTO-II-S	146.8613	1.6874	2.0118	0.0000	-5.0009	-18.2756
120	963	Load Combinations: AASHTO-III-S	165.6813	17.4373	5.7015	-0.0001	1.4510	36.0701
120	963	Load Combinations: AASHTO-VB-A-S	151.6168	10.6634	5.4191	0.0000	2.5150	16.5181
120	963	Load Combinations: AASHTO-VB-B-S	271.1748	1.0787	16.7449	0.0001	19.1918	-20.3997
120	1331	Load Combinations: AASHTO-I	-253.2299	-19.9976	-1.8998	-0.0001	14.0589	-5.3762
120	1331	Load Combinations: AASHTO-II	-199.4373	-2.2430	-2.6223	0.0000	3.9098	25.8358
120	1331	Load Combinations: AASHTO-III	-234.9499	-22.4869	-5.0569	0.0001	-5.6395	-21.7306
120	1331	Load Combinations: AASHTO-VB-A	-202.6665	-15.9207	-7.0801	0.0001	-10.2257	-7.8742
120	1331	Load Combinations: AASHTO-VB-B	-308.5149	-1.4401	-21.9160	-0.0002	-46.1829	28.5665
120	1331	Load Combinations: AASHTO-VB-C	-152.2507	-14.7911	-6.7159	0.0001	-12.8140	-18.2685
120	1331	Load Combinations: AASHTO-VB-D	-307.6494	-2.3351	-21.4597	-0.0001	-48.8426	18.0087
120	1331	Load Combinations: AASHTO-I-S	-147.9315	-15.5106	-1.0612	0.0000	7.4308	-13.8110
120	1331	Load Combinations: AASHTO-II-S	-151.1025	-1.6996	-2.0123	0.0000	2.9898	19.9740
120	1331	Load Combinations: AASHTO-III-S	-169.9224	-17.4419	-5.7531	0.0001	-5.1832	-16.8312
120	1331	Load Combinations: AASHTO-VB-A-S	-155.8579	-10.6867	-5.4215	0.0000	-7.9351	-5.8534
120	1331	Load Combinations: AASHTO-VB-B-S	-275.4159	-1.0817	-16.7534	-0.0001	-35.6489	22.0803

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
121	1331	Load Combinations: AASHTO-I	253.3290	17.2405	1.8916	0.0001	-14.0088	5.3762
121	1331	Load Combinations: AASHTO-II	196.4377	1.8868	2.4213	0.0000	-3.9066	-25.8368
121	1331	Load Combinations: AASHTO-III	234.9402	20.8095	4.4964	-0.0001	5.6396	21.7306
121	1331	Load Combinations: AASHTO-VB-A	202.8883	12.6850	6.2851	-0.0001	10.2257	7.8742
121	1331	Load Combinations: AASHTO-VB-B	358.3238	0.9284	19.1953	0.0002	46.1829	-28.5885
121	1331	Load Combinations: AASHTO-VB-C	152.2521	13.6078	5.9060	-0.0001	12.6140	16.2686
121	1331	Load Combinations: AASHTO-VB-D	307.6582	1.8724	18.7506	0.0001	46.8426	-16.5087
121	1331	Load Combinations: AASHTO-I-S	147.8525	14.1099	1.0061	0.0000	-7.4068	13.8110
121	1331	Load Combinations: AASHTO-II-S	151.1027	1.2757	1.8578	0.0000	-2.9568	-19.8740
121	1331	Load Combinations: AASHTO-III-S	169.9237	16.0088	3.3247	-0.0001	5.1632	16.6312
121	1331	Load Combinations: AASHTO-VB-A-S	155.8690	9.7178	4.7969	0.0000	7.9351	5.8534
121	1331	Load Combinations: AASHTO-VB-B-S	275.4212	0.6966	14.6696	0.0001	35.9498	-22.0803
121	1332	Load Combinations: AASHTO-I	-258.7427	-17.2490	-1.8913	-0.0001	12.0873	11.8677
121	1332	Load Combinations: AASHTO-II	-201.9512	-1.8921	-2.4221	0.0000	1.4850	27.5262
121	1332	Load Combinations: AASHTO-III	-240.4627	-20.8177	-4.4962	0.0001	-10.1370	-1.1161
121	1332	Load Combinations: AASHTO-VB-A	-208.1817	-12.6905	-6.2882	0.0001	-16.4926	4.8129
121	1332	Load Combinations: AASHTO-VB-B	-363.8372	-0.9296	-19.2072	-0.0002	-45.3915	29.4944
121	1332	Load Combinations: AASHTO-VB-C	-156.3672	-13.6115	-5.8091	0.0001	-16.5213	-4.8594
121	1332	Load Combinations: AASHTO-VB-D	-311.7933	-1.8744	-18.7603	-0.0001	-47.5965	18.8620
121	1332	Load Combinations: AASHTO-I-S	-152.1736	-14.2043	-1.0590	0.0000	6.3740	0.3906
121	1332	Load Combinations: AASHTO-II-S	-155.3439	-1.2776	-1.8583	0.0000	1.1308	21.2506
121	1332	Load Combinations: AASHTO-III-S	-174.1648	-16.0135	-3.3263	0.0001	-8.5066	-2.8207
121	1332	Load Combinations: AASHTO-VB-A-S	-160.1002	-9.7211	-4.7990	0.0000	-12.7330	3.6857
121	1332	Load Combinations: AASHTO-VB-B-S	-279.8623	-0.6984	-14.6778	-0.0001	-50.5236	22.7676
122	1332	Load Combinations: AASHTO-I	258.7474	14.1908	1.8911	0.0001	-12.0873	-11.8677
122	1332	Load Combinations: AASHTO-II	201.9518	0.7768	2.0662	0.0000	-1.4850	-27.5262
122	1332	Load Combinations: AASHTO-III	240.4682	17.3191	3.5379	-0.0001	10.1370	1.1161
122	1332	Load Combinations: AASHTO-VB-A	208.1852	10.5328	4.8753	-0.0001	16.4826	-4.8129
122	1332	Load Combinations: AASHTO-VB-B	363.8508	0.0867	14.5773	0.0002	65.3915	-29.4944
122	1332	Load Combinations: AASHTO-VB-C	156.3902	11.5271	4.5291	-0.0001	16.5213	4.8594
122	1332	Load Combinations: AASHTO-VB-D	311.8069	1.1084	14.1582	0.0001	67.5965	-18.8620
122	1332	Load Combinations: AASHTO-I-S	152.1760	11.9074	1.0336	0.0000	-6.3749	-0.3906
122	1332	Load Combinations: AASHTO-II-S	155.3443	0.5761	1.5862	0.0000	-1.1309	-21.2506
122	1332	Load Combinations: AASHTO-III-S	174.1660	13.4946	2.5902	0.0000	8.5066	2.8207

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
122	1332	Load Combinations: AASHTO-VB-A-S	160.1023	9.6856	3.7311	0.0000	12.7330	-3.6857
122	1332	Load Combinations: AASHTO-VB-B-S	279.8703	0.0471	11.1343	0.0001	50.5236	-22.7676
122	1333	Load Combinations: AASHTO-I	-264.2808	-14.1968	-1.9508	-0.0001	10.1184	26.0816
122	1333	Load Combinations: AASHTO-II	-207.4953	-0.7828	-2.0670	0.0000	-0.5815	28.3075
122	1333	Load Combinations: AASHTO-III	-245.9817	-17.3273	-3.5406	0.0001	-13.6760	16.2042
122	1333	Load Combinations: AASHTO-VB-A	-213.6887	-10.5383	-4.8793	0.0001	-21.3696	15.3479
122	1333	Load Combinations: AASHTO-VB-B	-369.3643	-0.0926	-14.5906	-0.0002	-78.9741	29.5856
122	1333	Load Combinations: AASHTO-VB-C	-160.5253	-11.5309	-4.5311	0.0001	-23.0508	8.8882
122	1333	Load Combinations: AASHTO-VB-D	-315.8420	-1.1102	-14.1682	-0.0001	-81.7589	20.8913
122	1333	Load Combinations: AASHTO-I-S	-156.4172	-11.9118	-1.0336	0.0000	5.3414	12.2989
122	1333	Load Combinations: AASHTO-II-S	-159.5854	-0.5811	-1.5857	0.0000	-0.4546	21.8308
122	1333	Load Combinations: AASHTO-III-S	-178.4091	-13.4964	-2.5946	0.0000	-11.1024	10.6758
122	1333	Load Combinations: AASHTO-VB-A-S	-164.3433	-9.6989	-3.7334	0.0000	-16.4852	11.8326
122	1333	Load Combinations: AASHTO-VB-B-S	-283.9115	-0.0467	-11.1421	-0.0001	-61.6691	22.8157
123	1333	Load Combinations: AASHTO-I	264.2670	10.2953	1.9685	0.0001	-10.1184	-26.0816
123	1333	Load Combinations: AASHTO-II	207.4690	0.3211	1.9050	0.0000	0.5815	-28.3075
123	1333	Load Combinations: AASHTO-III	245.9690	13.0818	3.3236	-0.0001	13.6760	-16.2042
123	1333	Load Combinations: AASHTO-VB-A	213.7090	7.7758	5.1283	0.0000	21.3696	-15.3479
123	1333	Load Combinations: AASHTO-VB-B	369.3796	-0.0107	8.5042	0.0001	78.9741	-29.5856
123	1333	Load Combinations: AASHTO-VB-C	160.5292	8.8395	2.8017	-0.0001	23.0508	-8.8882
123	1333	Load Combinations: AASHTO-VB-D	315.8575	0.1782	8.4223	0.0001	81.7586	-20.8912
123	1333	Load Combinations: AASHTO-I-S	156.4204	9.0094	0.9889	0.0000	-5.3414	-12.2989
123	1333	Load Combinations: AASHTO-II-S	159.5858	-0.2638	1.2318	0.0000	0.4546	-21.8308
123	1333	Load Combinations: AASHTO-III-S	178.4133	10.2541	1.9733	0.0000	11.1024	-10.6758
123	1333	Load Combinations: AASHTO-VB-A-S	164.3459	5.9501	2.3918	0.0000	16.4852	-11.8326
123	1333	Load Combinations: AASHTO-VB-B-S	283.9206	-0.7178	6.7136	0.0001	61.6691	-22.8157
123	1334	Load Combinations: AASHTO-I	-269.7605	-10.3030	-1.9553	-0.0001	8.2462	36.3651
123	1334	Load Combinations: AASHTO-II	-212.8795	0.3183	-1.9064	0.0000	-2.1874	27.8878
123	1334	Load Combinations: AASHTO-III	-251.5025	-13.0898	-2.3324	0.0001	-16.0070	20.2882
123	1334	Load Combinations: AASHTO-VB-A	-219.2185	-7.7810	-3.1320	0.0000	-24.4998	23.1258
123	1334	Load Combinations: AASHTO-VB-B	-374.8833	0.8081	-8.8167	-0.0001	-88.7839	28.6783
123	1334	Load Combinations: AASHTO-VB-C	-164.6843	-8.8432	-3.8045	0.0001	-25.8537	15.7102
123	1334	Load Combinations: AASHTO-VB-D	-320.2824	-0.1779	-8.4017	-0.0001	-90.1950	21.1663
123	1334	Load Combinations: AASHTO-I-S	-160.6618	-8.9641	-0.9859	0.0000	4.3525	21.3614

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
123	1334	Load Combinations: AASHTO-II-S	-193.8269	0.2622	-1.2323	0.0000	-1.6865	21.5878
123	1334	Load Combinations: AASHTO-IB-S	-192.6545	-10.2598	-1.8749	0.0000	-12.7764	21.1318
123	1334	Load Combinations: AASHTO-VII-A-S	-188.5870	-6.3533	-2.3940	0.0000	-16.8560	17.8841
123	1334	Load Combinations: AASHTO-VII-B-S	-289.1617	0.7163	-6.7210	-0.0001	-66.5766	22.0967
124	1334	Load Combinations: AASHTO-I	269.7568	5.9854	1.7918	0.0000	-8.2482	-36.3801
124	1334	Load Combinations: AASHTO-II	212.8801	-1.4705	1.0977	0.0000	2.1874	-27.5678
124	1334	Load Combinations: AASHTO-IB	201.5104	8.3338	1.0117	0.0000	16.0070	-29.2882
124	1334	Load Combinations: AASHTO-VII-A	219.2210	4.7150	1.2270	0.0000	24.4695	-23.1258
124	1334	Load Combinations: AASHTO-VII-B	374.9081	-1.9409	2.5055	0.0001	88.7838	-28.6783
124	1334	Load Combinations: AASHTO-VII-C	164.8685	5.8302	0.9292	-0.0001	25.8537	-15.7102
124	1334	Load Combinations: AASHTO-VII-D	320.1071	-0.8060	2.2212	0.0000	90.1850	-21.1883
124	1334	Load Combinations: AASHTO-I-S	160.8851	5.6749	0.9212	0.0000	-4.3525	-21.2614
124	1334	Load Combinations: AASHTO-II-S	163.8275	-1.1440	0.8346	0.0000	1.6885	-21.5878
124	1334	Load Combinations: AASHTO-IB-S	162.8581	8.6340	0.8718	0.0000	12.7764	-21.1318
124	1334	Load Combinations: AASHTO-VII-A-S	168.5897	3.6026	0.9345	0.0000	16.8560	-17.8841
124	1334	Load Combinations: AASHTO-VII-B-S	295.1704	-1.5053	1.9295	0.0001	66.3769	-22.0967
124	1335	Load Combinations: AASHTO-I	-275.3093	-5.8828	-1.7417	0.0000	6.5065	42.3466
124	1335	Load Combinations: AASHTO-II	-216.4695	1.4881	-1.0885	0.0000	-3.2765	26.5186
124	1335	Load Combinations: AASHTO-IB	-257.0239	-8.3915	-1.0141	0.0000	-17.0199	37.6464
124	1335	Load Combinations: AASHTO-VII-A	-224.7345	-4.7201	-1.2305	0.0000	-25.7283	27.8431
124	1335	Load Combinations: AASHTO-VII-B	-380.4218	1.9385	-2.5871	-0.0001	-91.3449	28.7367
124	1335	Load Combinations: AASHTO-VII-C	-168.8036	-5.8338	-0.9518	0.0001	-26.7842	21.5420
124	1335	Load Combinations: AASHTO-VII-D	-324.2422	0.8044	-2.2299	0.0000	-92.4104	20.3631
124	1335	Load Combinations: AASHTO-I-S	-164.9063	-5.6791	-0.9212	0.0000	5.4014	26.9382
124	1335	Load Combinations: AASHTO-II-S	-168.0684	1.1425	-0.8350	0.0000	-2.5213	20.4246
124	1335	Load Combinations: AASHTO-IB-S	-166.9002	-8.6396	-0.8732	0.0000	-13.4489	27.7678
124	1335	Load Combinations: AASHTO-VII-A-S	-172.8308	-3.6056	-0.9365	0.0000	-18.7934	21.4880
124	1335	Load Combinations: AASHTO-VII-B-S	-282.4116	1.5039	-1.9063	-0.0001	-70.3097	20.5942
125	1335	Load Combinations: AASHTO-I	275.3082	1.6069	1.5749	0.0000	-6.5065	-42.3466
125	1335	Load Combinations: AASHTO-II	218.4640	-2.5477	0.9584	0.0000	3.2765	-26.5186
125	1335	Load Combinations: AASHTO-IB	257.0314	3.5601	-0.2919	0.0000	17.0199	-37.6464
125	1335	Load Combinations: AASHTO-VII-A	224.7388	1.8285	-0.8468	0.0000	25.7283	-27.8431
125	1335	Load Combinations: AASHTO-VII-B	380.4342	-2.8896	-3.9640	0.0001	91.3449	-28.7367
125	1335	Load Combinations: AASHTO-VII-C	168.8075	2.7964	-0.8094	0.0000	26.7842	-21.5420

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
125	1335	Load Combinations: AASHTO-VII-D	324.2545	-1.7371	-1.8437	0.0000	92.4104	-20.3631
125	1335	Load Combinations: AASHTO-I-S	164.9096	2.3460	0.8324	0.0000	-3.4314	-26.9382
125	1335	Load Combinations: AASHTO-II-S	168.0687	-1.3684	0.4285	0.0000	2.5213	-20.4246
125	1335	Load Combinations: AASHTO-IB-S	166.9046	2.9591	-0.3159	0.0000	13.4489	-27.7678
125	1335	Load Combinations: AASHTO-VII-A-S	172.8332	1.2764	-0.9017	0.0000	18.7934	-21.4880
125	1335	Load Combinations: AASHTO-VII-B-S	282.4190	-2.2303	-2.7555	0.0000	70.3097	-20.5942
125	1336	Load Combinations: AASHTO-I	-280.8196	-1.6638	-1.5750	0.0000	4.9317	-44.3091
125	1336	Load Combinations: AASHTO-II	-224.0075	2.5455	-0.3550	0.0000	-3.8542	23.9721
125	1336	Load Combinations: AASHTO-IB	-262.5449	-3.5675	0.2993	0.0000	-16.7294	41.2100
125	1336	Load Combinations: AASHTO-VII-A	-230.2520	-1.6343	0.6436	0.0000	-25.0832	28.4749
125	1336	Load Combinations: AASHTO-VII-B	-385.9477	2.9675	3.0331	-0.0001	-87.7999	23.8495
125	1336	Load Combinations: AASHTO-VII-C	-172.9427	-2.7701	0.9070	0.0000	-25.8760	24.3102
125	1336	Load Combinations: AASHTO-VII-D	-328.5896	1.7358	3.8356	0.0000	-88.5710	18.8268
125	1336	Load Combinations: AASHTO-I-S	-169.1508	-2.3533	-0.8324	0.0000	2.5990	29.2861
125	1336	Load Combinations: AASHTO-II-S	-172.3098	1.9671	-0.4290	0.0000	-2.9501	18.4569
125	1336	Load Combinations: AASHTO-IB-S	-191.1458	-2.9624	0.3146	0.0000	-13.1337	30.7279
125	1336	Load Combinations: AASHTO-VII-A-S	-177.0744	-1.2393	0.4886	0.0000	-19.2927	22.7258
125	1336	Load Combinations: AASHTO-VII-B-S	-296.8801	2.2295	2.7491	0.0000	-67.3576	16.3648
126	1336	Load Combinations: AASHTO-I	280.8246	-2.3338	1.5756	0.0000	-4.9317	-44.3091
126	1336	Load Combinations: AASHTO-II	224.0078	-3.4521	0.0596	0.0000	3.8542	-23.9721
126	1336	Load Combinations: AASHTO-IB	262.5513	-0.9116	-1.4693	0.0000	16.7294	-41.2100
126	1336	Load Combinations: AASHTO-VII-A	230.2554	-1.2290	-2.3337	0.0000	25.0832	-28.4749
126	1336	Load Combinations: AASHTO-VII-B	385.9671	-3.6656	-6.0255	0.0000	87.7999	-23.8495
126	1336	Load Combinations: AASHTO-VII-C	172.9458	-0.1062	-2.5564	0.0000	25.8760	-24.3102
126	1336	Load Combinations: AASHTO-VII-D	328.5899	-2.5323	-6.3481	0.0000	88.5710	-18.8268
126	1336	Load Combinations: AASHTO-I-S	169.1536	-0.7521	0.7299	0.0000	-2.5990	-29.2861
126	1336	Load Combinations: AASHTO-II-S	172.3100	-2.6652	0.0460	0.0000	2.9501	-18.4569
126	1336	Load Combinations: AASHTO-IB-S	191.1495	-0.4781	-1.2058	0.0000	13.1337	-30.7279
126	1336	Load Combinations: AASHTO-VII-A-S	177.0783	-0.9554	-1.7548	0.0000	19.2927	-22.7258
126	1336	Load Combinations: AASHTO-VII-B-S	296.8836	-2.8230	-6.9372	0.0000	67.3576	-16.3648
126	1337	Load Combinations: AASHTO-I	-280.3380	2.3273	-1.5757	0.0000	5.5581	41.8767
126	1337	Load Combinations: AASHTO-II	-229.5213	3.4501	-0.0604	0.0000	-3.8942	20.5212
126	1337	Load Combinations: AASHTO-IB	-268.0648	0.8045	-1.4672	0.0000	-16.2913	40.3029
126	1337	Load Combinations: AASHTO-VII-A	-235.7688	1.2244	-2.3307	0.0000	-22.7511	28.2462

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
126	1337	Load Combinations: AASHTO-VB-B	-391.4706	5.6638	9.0155	0.0000	-76.7989	20.1841
126	1337	Load Combinations: AASHTO-VB-C	-177.0810	0.1029	2.5542	0.0000	-23.3208	24.2057
126	1337	Load Combinations: AASHTO-VB-D	-332.5340	2.5910	6.2407	0.0000	-79.3273	16.0954
126	1337	Load Combinations: AASHTO-I-S	-173.3948	0.7484	-0.7296	0.0000	1.8725	26.5379
126	1337	Load Combinations: AASHTO-S-S	-176.5512	2.9399	-0.0484	0.0000	-2.9962	15.7974
126	1337	Load Combinations: AASHTO-SI-S	-195.3906	0.4739	1.2046	0.0000	-11.9285	30.2520
126	1337	Load Combinations: AASHTO-VB-A-S	-181.3175	0.9527	1.7927	0.0000	-17.4982	21.7717
126	1337	Load Combinations: AASHTO-VB-B-S	-300.9058	2.8219	6.9314	0.0000	-60.6239	15.5425
127	1337	Load Combinations: AASHTO-I	286.3415	-5.6691	1.1036	0.0000	-3.5761	-41.6767
127	1337	Load Combinations: AASHTO-E	229.5214	-4.0997	-0.3703	0.0000	3.6942	-20.5212
127	1337	Load Combinations: AASHTO-EI	268.0695	-4.7112	-2.4246	0.0000	15.2813	-40.3020
127	1337	Load Combinations: AASHTO-VB-A	235.7713	-3.8345	-3.9836	0.0000	33.7511	-28.2482
127	1337	Load Combinations: AASHTO-VB-B	391.4706	-4.1940	-13.3666	0.0000	76.7989	-20.1841
127	1337	Load Combinations: AASHTO-VB-C	177.0835	-2.5662	-3.8746	0.0000	23.3208	-24.2057
127	1337	Load Combinations: AASHTO-VB-D	332.5366	-3.1196	-13.5358	0.0000	79.3273	-16.0954
127	1337	Load Combinations: AASHTO-I-S	173.3666	-3.3632	0.6090	0.0000	-1.8725	-26.5379
127	1337	Load Combinations: AASHTO-S-S	176.5513	-3.1052	-0.2839	0.0000	2.9962	-15.7974
127	1337	Load Combinations: AASHTO-SI-S	195.3935	-3.4072	-1.9245	0.0000	11.9285	-30.2520
127	1337	Load Combinations: AASHTO-VB-A-S	181.3185	-2.7666	-2.8370	0.0000	17.4982	-21.7717
127	1337	Load Combinations: AASHTO-VB-B-S	300.9103	-3.3262	-10.2836	0.0000	60.6239	-15.5425
127	1338	Load Combinations: AASHTO-I	-291.9550	5.6820	-1.1536	0.0000	2.4024	36.0140
127	1338	Load Combinations: AASHTO-E	-235.0349	4.0979	0.3696	0.0000	-5.5243	16.4229
127	1338	Load Combinations: AASHTO-EI	-273.5830	4.7046	2.4227	0.0000	-12.8378	35.5945
127	1338	Load Combinations: AASHTO-VB-A	-241.2648	3.8301	3.9909	0.0000	-18.0591	24.8162
127	1338	Load Combinations: AASHTO-VB-B	-396.0801	4.1934	13.3093	0.0000	-65.4043	15.8913
127	1338	Load Combinations: AASHTO-VB-C	-181.2189	2.5630	3.8725	0.0000	-19.4474	21.6412
127	1338	Load Combinations: AASHTO-VB-D	-336.6751	3.1165	13.5290	0.0000	-65.7960	12.9766
127	1338	Load Combinations: AASHTO-I-S	-177.6381	3.3787	-0.6090	0.0000	1.3635	25.1586
127	1338	Load Combinations: AASHTO-S-S	-180.7824	3.1041	0.2834	0.0000	-2.7126	12.6429
127	1338	Load Combinations: AASHTO-SI-S	-199.6348	3.4033	1.9234	0.0000	-10.0047	28.8469
127	1338	Load Combinations: AASHTO-VB-A-S	-185.5600	2.7974	2.8353	0.0000	-14.6831	19.8732
127	1338	Load Combinations: AASHTO-VB-B-S	-305.1515	3.2253	10.2585	0.0000	-50.3633	12.3170
128	1338	Load Combinations: AASHTO-I	291.8571	-6.0584	0.9202	0.0000	-2.4024	-36.0140
128	1338	Load Combinations: AASHTO-E	235.0349	-4.4187	-0.6962	0.0000	5.5243	-16.4229

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
128	1338	Load Combinations: AASHTO-EI	273.5881	-7.5206	-3.0707	0.0000	12.8378	-35.5945
128	1338	Load Combinations: AASHTO-VB-A	241.2862	-5.3622	-4.8022	0.0000	18.0591	-24.8162
128	1338	Load Combinations: AASHTO-VB-B	396.8029	-4.4113	-16.1845	0.0000	65.4043	-15.8913
128	1338	Load Combinations: AASHTO-VB-C	181.2201	-4.4109	-4.7420	0.0000	19.4474	-21.6412
128	1338	Load Combinations: AASHTO-VB-D	336.6778	-3.4370	-16.3030	0.0000	65.7960	-12.9766
128	1338	Load Combinations: AASHTO-I-S	177.6395	-5.3235	0.4853	0.0000	-1.2635	-25.1586
128	1338	Load Combinations: AASHTO-S-S	180.7824	-3.3985	-0.5341	0.0000	2.7126	-12.6429
128	1338	Load Combinations: AASHTO-SI-S	199.6364	-5.5862	-2.4063	0.0000	10.0047	-28.8469
128	1338	Load Combinations: AASHTO-VB-A-S	185.5608	-4.1409	-3.5339	0.0000	14.6831	-19.8732
128	1338	Load Combinations: AASHTO-VB-B-S	305.1531	-5.3916	-12.4239	0.0000	50.3633	-12.3170
128	1339	Load Combinations: AASHTO-I	-297.3708	8.0526	-0.9203	0.0000	1.4822	27.8581
128	1339	Load Combinations: AASHTO-E	-240.5484	6.4171	0.6963	0.0000	-2.9285	12.0050
128	1339	Load Combinations: AASHTO-EI	-279.0996	7.5145	3.0689	0.0000	-9.7682	28.0773
128	1339	Load Combinations: AASHTO-VB-A	-246.7997	5.3791	4.5896	0.0000	-14.4584	19.2363
128	1339	Load Combinations: AASHTO-VB-B	-402.5064	4.4088	16.1758	0.0000	-48.2258	11.5812
128	1339	Load Combinations: AASHTO-VB-C	-185.8852	4.4079	4.7400	0.0000	-14.7066	17.2320
128	1339	Load Combinations: AASHTO-VB-D	-340.8128	3.4358	16.2960	0.0000	-48.4975	9.5464
129	1339	Load Combinations: AASHTO-I-S	-181.8806	5.3221	-0.4854	0.0000	0.7781	19.8330
129	1339	Load Combinations: AASHTO-S-S	-185.0338	3.3975	0.5337	0.0000	-2.1767	9.2400
129	1339	Load Combinations: AASHTO-SI-S	-203.8778	5.5825	2.4052	0.0000	-7.5981	21.2928
129	1339	Load Combinations: AASHTO-VB-A-S	-189.8020	4.1362	3.5325	0.0000	-11.1302	14.8340
129	1339	Load Combinations: AASHTO-VB-B-S	-309.3943	3.3907	12.4188	0.0000	-37.9429	8.9261
129	1339	Load Combinations: AASHTO-I	297.3714	-8.2371	0.9960	0.0000	-1.4822	-27.8581
129	1339	Load Combinations: AASHTO-E	240.5483	-6.3440	-0.6854	0.0000	2.9285	-12.0050
129	1339	Load Combinations: AASHTO-EI	279.1008	-8.0436	-3.3274	0.0000	9.7682	-28.0773
129	1339	Load Combinations: AASHTO-VB-A	246.8002	-6.2918	-4.9443	0.0000	14.4584	-19.2363
129	1339	Load Combinations: AASHTO-VB-B	402.5062	-4.2801	-17.0868	0.0000	48.2258	-11.5812
129	1339	Load Combinations: AASHTO-VB-C	185.8858	-5.4014	-5.0481	0.0000	14.7066	-17.2320
129	1339	Load Combinations: AASHTO-VB-D	340.8128	-3.4227	-17.1779	0.0000	48.4975	-9.5464
129	1339	Load Combinations: AASHTO-I-S	181.8812	-6.3739	0.5814	0.0000	-0.7781	-19.8330
129	1339	Load Combinations: AASHTO-S-S	185.0336	-5.3403	-0.6796	0.0000	2.1767	-9.2400
129	1339	Load Combinations: AASHTO-SI-S	203.8784	-6.7882	-2.5908	0.0000	7.5981	-21.2928
129	1339	Load Combinations: AASHTO-VB-A-S	189.8023	-4.8318	-3.7973	0.0000	11.1302	-14.8340
129	1339	Load Combinations: AASHTO-VB-B-S	309.3942	-3.2753	-13.1296	0.0000	37.9429	-8.9261

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
129	1340	Load Combinations: AASHTO-I	-302.8849	9.2316	-0.6861	0.0000	0.7962	18.7254
129	1340	Load Combinations: AASHTO-II	-246.0618	4.3424	0.8548	0.0000	-1.3435	7.6620
129	1340	Load Combinations: AASHTO-III	-264.6144	9.0578	3.3257	0.0000	-6.4418	18.0373
129	1340	Load Combinations: AASHTO-VII-A	-252.3137	6.2779	4.9479	0.0000	-9.5196	12.9568
129	1340	Load Combinations: AASHTO-VII-B	-406.0197	4.2587	17.0886	0.0000	-32.1345	7.3222
129	1340	Load Combinations: AASHTO-VII-C	-189.4908	5.4486	5.0443	0.0000	-9.6817	11.7623
129	1340	Load Combinations: AASHTO-VII-D	-344.9478	3.4268	17.1713	0.0000	-32.3246	6.1135
129	1340	Load Combinations: AASHTO-I-S	-186.1224	6.3707	-0.3615	0.0000	0.4167	13.4810
129	1340	Load Combinations: AASHTO-II-S	-189.2746	3.3394	0.6794	0.0000	-1.4991	5.9053
129	1340	Load Combinations: AASHTO-III-S	-208.1195	6.7847	2.5906	0.0000	-5.0069	14.4767
129	1340	Load Combinations: AASHTO-VII-A-S	-194.0435	4.8290	3.7958	0.0000	-7.3339	10.0036
129	1340	Load Combinations: AASHTO-VII-B-S	-313.6353	3.2748	13.1248	0.0000	-24.8199	5.6514
130	1340	Load Combinations: AASHTO-I	302.8843	-8.9446	0.4814	0.0000	-0.7962	-18.7254
130	1340	Load Combinations: AASHTO-II	246.0618	-3.8115	-0.9061	0.0000	1.3435	-7.6620
130	1340	Load Combinations: AASHTO-III	264.8140	-8.5918	-3.1169	0.0000	6.4418	-18.0373
130	1340	Load Combinations: AASHTO-VII-A	252.3133	-6.1484	-4.8081	0.0000	9.5196	-12.9568
130	1340	Load Combinations: AASHTO-VII-B	406.0196	-3.6844	-16.7387	0.0000	32.1345	-7.3222
130	1340	Load Combinations: AASHTO-VII-C	189.4908	-5.5046	-4.6775	0.0000	9.6817	-11.7623
130	1340	Load Combinations: AASHTO-VII-D	344.9449	-3.0366	-15.7868	0.0000	32.3246	-6.1135
130	1340	Load Combinations: AASHTO-I-S	186.1223	-6.3297	0.2428	0.0000	-0.4167	-13.4810
130	1340	Load Combinations: AASHTO-II-S	189.2745	-2.9317	-0.8964	0.0000	1.4991	-5.9053
130	1340	Load Combinations: AASHTO-III-S	208.1193	-6.7554	-2.4190	0.0000	5.0069	-14.4767
130	1340	Load Combinations: AASHTO-VII-A-S	194.0432	-4.7321	-3.5418	0.0000	7.3338	-10.0036
130	1340	Load Combinations: AASHTO-VII-B-S	313.6335	-2.8347	-12.1615	0.0000	24.8198	-5.6514
130	1341	Load Combinations: AASHTO-I	-306.3978	8.9382	-0.4615	0.0000	0.3347	9.7841
130	1341	Load Combinations: AASHTO-II	-251.5751	3.8100	0.9855	0.0000	-1.0377	3.8515
130	1341	Load Combinations: AASHTO-III	-290.1274	8.5859	3.1152	0.0000	-5.3268	10.0481
130	1341	Load Combinations: AASHTO-VII-A	-257.8268	6.1446	4.8057	0.0000	-4.9080	6.8196
130	1341	Load Combinations: AASHTO-VII-B	-413.5301	3.6831	15.7308	0.0000	-16.4013	3.6398
130	1341	Load Combinations: AASHTO-VII-C	-193.8257	5.5018	4.6757	0.0000	-4.9853	6.2784
130	1341	Load Combinations: AASHTO-VII-D	-349.0800	3.0167	15.7987	0.0000	-16.5323	3.0775
130	1341	Load Combinations: AASHTO-I-S	-190.3634	6.3265	-0.2427	0.0000	0.1741	7.1332
130	1341	Load Combinations: AASHTO-II-S	-193.5157	2.9309	0.8961	0.0000	-0.6029	2.9742
130	1341	Load Combinations: AASHTO-III-S	-212.3605	6.7900	2.4161	0.0000	-2.5905	7.8853

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
130	1341	Load Combinations: AASHTO-VII-A-S	-196.2844	4.7289	3.5402	0.0000	-3.7931	5.2728
130	1341	Load Combinations: AASHTO-VII-B-S	-317.8747	2.8339	12.0969	0.0000	-12.7183	2.8174
131	1341	Load Combinations: AASHTO-I	306.3967	-8.9183	0.2561	0.0000	-0.3347	-9.7841
131	1341	Load Combinations: AASHTO-II	251.5746	-2.7543	-0.7262	0.0000	1.0377	-3.8515
131	1341	Load Combinations: AASHTO-III	290.1268	-7.9733	-2.3590	0.0000	3.3268	-10.0481
131	1341	Load Combinations: AASHTO-VII-A	257.8253	-6.7940	-3.4785	0.0000	4.9080	-6.8196
131	1341	Load Combinations: AASHTO-VII-B	413.5238	-3.8247	-11.7539	0.0000	16.4013	-3.6398
131	1341	Load Combinations: AASHTO-VII-C	193.8244	-4.3647	-3.5235	0.0000	4.9853	-6.2784
131	1341	Load Combinations: AASHTO-VII-D	349.0736	-2.2058	-11.7976	0.0000	16.5323	-3.0775
131	1341	Load Combinations: AASHTO-I-S	190.3623	-6.8969	0.1340	0.0000	-0.1741	-7.1332
131	1341	Load Combinations: AASHTO-II-S	193.5156	-2.1216	-0.8596	0.0000	0.6029	-2.9742
131	1341	Load Combinations: AASHTO-III-S	212.3591	-6.3787	-1.9306	0.0000	2.5905	-7.8853
131	1341	Load Combinations: AASHTO-VII-A-S	196.2835	-3.6578	-2.8790	0.0000	3.7931	-5.2728
131	1341	Load Combinations: AASHTO-VII-B-S	317.8710	-2.0243	-9.0515	0.0000	12.7183	-2.8174
131	1342	Load Combinations: AASHTO-I	-313.9092	8.9110	-0.2562	0.0000	0.0786	3.8710
131	1342	Load Combinations: AASHTO-II	-257.0883	2.7538	0.7256	0.0000	-0.3119	1.0981
131	1342	Load Combinations: AASHTO-III	-295.6385	7.9675	2.3574	0.0000	-0.9680	2.9792
131	1342	Load Combinations: AASHTO-VII-A	-263.3387	6.7902	3.4761	0.0000	-1.4319	2.0186
131	1342	Load Combinations: AASHTO-VII-B	-419.0373	3.8234	11.7253	0.0000	-4.8733	1.0152
131	1342	Load Combinations: AASHTO-VII-C	-197.7595	4.3620	3.5217	0.0000	-1.4828	1.8062
131	1342	Load Combinations: AASHTO-VII-D	-353.2089	2.2050	11.7818	0.0000	-4.7486	0.8723
131	1342	Load Combinations: AASHTO-I-S	-194.6035	6.8878	-0.1340	0.0000	0.0401	2.1441
131	1342	Load Combinations: AASHTO-II-S	-197.7566	2.1207	0.5983	0.0000	-0.2435	0.8531
131	1342	Load Combinations: AASHTO-III-S	-216.6003	5.3753	1.8286	0.0000	-0.7605	2.3088
131	1342	Load Combinations: AASHTO-VII-A-S	-202.5246	3.8956	2.8776	0.0000	-1.1149	1.5763
131	1342	Load Combinations: AASHTO-VII-B-S	-322.1122	2.0235	9.0470	0.0000	-3.6897	0.7936
132	1342	Load Combinations: AASHTO-I	313.9054	-2.8738	0.0786	0.0000	-0.0786	-2.8710
132	1342	Load Combinations: AASHTO-II	257.0878	-1.0969	-0.3122	0.0000	0.3119	-1.0981
132	1342	Load Combinations: AASHTO-III	295.6338	-2.9823	-0.9689	0.0000	0.9680	-2.9792
132	1342	Load Combinations: AASHTO-VII-A	263.3380	-2.0208	-1.4332	0.0000	1.4319	-2.0186
132	1342	Load Combinations: AASHTO-VII-B	419.0270	-1.0157	-4.8777	0.0000	4.8733	-1.0152
132	1342	Load Combinations: AASHTO-VII-C	197.7570	-1.8677	-1.4837	0.0000	1.4828	-1.8062
132	1342	Load Combinations: AASHTO-VII-D	353.1998	-0.8728	-4.7519	0.0000	4.7486	-0.8723
132	1342	Load Combinations: AASHTO-I-S	194.6014	-2.1407	0.0401	0.0000	-0.0401	-2.1441

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (ton-fuerz)	Force Y (ton-fuerz)	Force Z (ton-fuerz)	Moment X (ton-fuerz-m)	Moment Y (ton-fuerz-m)	Moment Z (ton-fuerz-m)
132	1342	Load Combinations: AASHTO-B-S	197.7564	-0.8536	-0.2457	0.0000	0.2435	-0.8531
132	1342	Load Combinations: AASHTO-B-E	216.5976	-2.3104	-0.7610	0.0000	0.7626	-2.3088
132	1342	Load Combinations: AASHTO-VB-A-E	202.9230	-1.5775	-1.1157	0.0000	1.1149	-1.5765
132	1342	Load Combinations: AASHTO-VB-B-E	322.1061	-0.7941	-3.6723	0.0000	3.6697	-0.7936
132	1343	Load Combinations: AASHTO-I	-319.4188	2.8685	-0.0787	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-E	-262.6013	1.0975	0.3116	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-B	-301.1473	2.9760	0.9672	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-A	-268.8496	2.0171	1.4308	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-B	-424.5405	1.0144	4.6700	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-C	-201.8921	1.8949	1.4620	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-D	-357.3339	0.8719	4.7462	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-I-S	-198.8428	2.1427	-0.0401	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-B-S	-201.9975	0.8527	0.2453	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-B-E	-220.8387	2.3070	0.7601	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-A-E	-209.7642	1.5753	1.1143	0.0000	0.0000	0.0000
132	1343	Load Combinations: AASHTO-VB-B-E	-326.9473	0.7933	3.6678	0.0000	0.0000	0.0000
133	970	Load Combinations: AASHTO-I	409.6924	22.1447	-1.8915	-0.0001	16.0601	50.0289
133	970	Load Combinations: AASHTO-E	246.2285	3.0121	0.3620	0.0000	11.8178	-17.4404
133	970	Load Combinations: AASHTO-B	312.4609	26.0246	2.4836	-0.0003	22.9691	71.2044
133	970	Load Combinations: AASHTO-VB-A	208.0696	15.3729	5.1697	-0.0002	18.5423	33.3548
133	970	Load Combinations: AASHTO-VB-B	90.4202	2.4040	15.8188	0.0001	40.9659	-19.5170
133	970	Load Combinations: AASHTO-VB-C	143.5369	16.1233	5.4226	-0.0002	16.4678	43.6512
133	970	Load Combinations: AASHTO-VB-D	26.1096	3.1707	19.9395	0.0000	39.3413	-9.1130
133	970	Load Combinations: AASHTO-I-S	255.5396	17.4804	-1.2015	0.0000	9.6376	46.1561
133	970	Load Combinations: AASHTO-B-S	189.4234	2.2690	0.2679	0.0000	8.9741	-13.5604
133	970	Load Combinations: AASHTO-B-E	226.9230	26.0535	1.9442	-0.0002	17.2092	55.8758
133	970	Load Combinations: AASHTO-VB-A-E	160.1308	11.7763	3.9418	-0.0001	14.4020	25.3679
133	970	Load Combinations: AASHTO-VB-B-E	69.7881	1.8115	15.1444	0.0001	31.8806	-15.2139
133	1344	Load Combinations: AASHTO-I	-414.2059	-22.1019	1.8911	0.0001	-14.0990	-27.8837
133	1344	Load Combinations: AASHTO-E	-251.7420	-3.0155	-0.3635	0.0000	-11.9826	20.4541
133	1344	Load Combinations: AASHTO-B	-317.9744	-26.0321	-2.4871	0.0003	-25.4613	-45.1779
133	1344	Load Combinations: AASHTO-VB-A	-213.5831	-15.3780	-5.1743	0.0003	-23.7141	-18.0101
133	1344	Load Combinations: AASHTO-VB-B	-95.9336	-2.4072	-19.8334	-0.0001	-66.7915	21.9229
133	1344	Load Combinations: AASHTO-VB-C	-147.5720	-16.1267	-5.4040	0.0002	-21.8717	-27.5268

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (ton-fuerz)	Force Y (ton-fuerz)	Force Z (ton-fuerz)	Moment X (ton-fuerz-m)	Moment Y (ton-fuerz-m)	Moment Z (ton-fuerz-m)
133	1344	Load Combinations: AASHTO-VB-D	-30.2447	-3.1727	-19.9508	0.0003	-66.2982	12.2947
133	1344	Load Combinations: AASHTO-I-S	-259.7807	-17.4843	1.2013	0.0000	-9.4362	-27.6938
133	1344	Load Combinations: AASHTO-B-S	-195.6648	-2.2910	-0.2687	0.0000	-9.2424	15.8503
133	1344	Load Combinations: AASHTO-B-E	-231.1812	-20.0578	-1.9463	0.0003	-19.1543	-35.8214
133	1344	Load Combinations: AASHTO-VB-A-E	-164.3720	-11.7813	-3.9448	0.0001	-18.3451	-13.4084
133	1344	Load Combinations: AASHTO-VB-B-E	-74.0292	-1.8134	-15.1532	-0.0001	-47.0382	17.0262
134	1344	Load Combinations: AASHTO-I	414.2072	20.3922	-1.8874	-0.0001	14.0890	27.8837
134	1344	Load Combinations: AASHTO-E	251.7425	2.4991	0.1707	0.0000	11.9600	-20.4541
134	1344	Load Combinations: AASHTO-B	317.9756	24.1256	1.9108	-0.0003	25.4613	45.1779
134	1344	Load Combinations: AASHTO-VB-A	213.5847	14.1701	4.3655	-0.0002	23.7141	18.0101
134	1344	Load Combinations: AASHTO-VB-B	95.9430	1.8912	17.1374	0.0001	60.7915	-21.9229
134	1344	Load Combinations: AASHTO-VB-C	147.5731	14.8206	4.6013	-0.0002	21.8717	27.5268
134	1344	Load Combinations: AASHTO-VB-D	30.2539	2.7084	17.2894	0.0000	59.2982	-12.2947
134	1344	Load Combinations: AASHTO-I-S	259.7812	16.1499	-1.1969	0.0000	8.4362	27.6938
134	1344	Load Combinations: AASHTO-B-S	193.6648	1.8633	0.1219	0.0000	9.2424	-15.8503
134	1344	Load Combinations: AASHTO-B-E	231.1818	18.5898	1.5078	-0.0001	19.1543	35.8214
134	1344	Load Combinations: AASHTO-VB-A-E	164.3730	10.8298	3.3259	-0.0001	18.3451	13.4084
134	1344	Load Combinations: AASHTO-VB-B-E	74.0347	1.4186	13.0860	0.0001	47.0382	-17.0262
134	1345	Load Combinations: AASHTO-I	-419.7207	-20.3868	1.9870	0.0001	-12.0820	-7.4898
134	1345	Load Combinations: AASHTO-E	-257.2580	-2.4592	-0.1718	0.0000	-12.1517	22.9115
134	1345	Load Combinations: AASHTO-B	-323.4691	-24.1334	-1.9141	0.0003	-27.3636	-21.0502
134	1345	Load Combinations: AASHTO-VB-A	-219.0992	-14.1405	-4.3699	0.0002	-26.5915	-5.8730
134	1345	Load Combinations: AASHTO-VB-B	-101.4564	-1.8942	-17.1518	-0.0001	-77.9355	23.8152
134	1345	Load Combinations: AASHTO-VB-C	-151.8082	-14.8392	-4.6046	0.0002	-26.4745	-12.5899
134	1345	Load Combinations: AASHTO-VB-D	-34.3990	-2.7112	-17.2800	0.0000	-76.5927	14.8950
134	1345	Load Combinations: AASHTO-I-S	-264.0223	-16.1541	1.1967	0.0000	-7.2395	-11.5429
134	1345	Load Combinations: AASHTO-B-S	-197.9060	-1.8651	-0.1226	0.0000	-9.3646	17.7145
134	1345	Load Combinations: AASHTO-B-E	-235.4039	-18.6043	-1.5096	0.0001	-20.6629	-17.2204
134	1345	Load Combinations: AASHTO-VB-A-E	-168.6141	-10.8257	-3.3285	0.0001	-21.6721	-2.7807
134	1345	Load Combinations: AASHTO-VB-B-E	-76.2759	-1.4204	-13.0964	-0.0001	-60.1312	18.4457
135	1345	Load Combinations: AASHTO-I	419.7248	17.2816	-1.9495	-0.0001	12.0820	7.4898
135	1345	Load Combinations: AASHTO-E	257.2586	1.5280	-0.1388	0.0000	12.1517	-22.9115
135	1345	Load Combinations: AASHTO-B	323.4938	20.7310	0.9663	-0.0002	27.3636	21.0502
135	1345	Load Combinations: AASHTO-VB-A	219.1014	11.8506	3.0128	-0.0001	26.5915	5.8730

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
135	1345	Load Combinations: AASHTO-VB-B	101.4704	1.0362	12.5863	0.0001	77.9355	-23.8152
135	1345	Load Combinations: AASHTO-VB-C	151.8111	12.8247	3.2496	-0.0001	26.4745	12.5899
135	1345	Load Combinations: AASHTO-VB-D	94.4027	1.9292	12.7343	0.0000	76.9927	-14.9950
135	1345	Load Combinations: AASHTO-I-S	264.0244	13.8188	-1.1724	0.0000	7.2396	11.5429
135	1345	Load Combinations: AASHTO-S-S	197.9064	1.1533	-6.1146	0.0000	9.3646	-17.7145
135	1345	Load Combinations: AASHTO-SI-S	235.4056	16.0063	0.7958	-0.0001	20.6628	17.2264
135	1345	Load Combinations: AASHTO-VS-A-S	168.6160	9.1496	3.2896	-0.0001	21.6721	2.7907
135	1345	Load Combinations: AASHTO-VS-B-S	78.2841	0.7957	9.5963	0.0000	60.1312	-16.4457
135	1346	Load Combinations: AASHTO-I	-425.2353	-17.2892	1.9493	0.0001	-10.1329	9.7939
135	1346	Load Combinations: AASHTO-S	-262.7701	-1.5320	0.1977	0.0000	-12.0134	24.4420
135	1346	Load Combinations: AASHTO-SI	-329.0075	-20.7390	-0.9694	0.0002	-26.3314	-0.3168
135	1346	Load Combinations: AASHTO-VS-A	-224.8148	-11.8560	-3.0167	0.0001	-31.0960	6.0786
135	1346	Load Combinations: AASHTO-VS-B	-106.9838	-1.0409	-12.5995	-0.0001	-80.5279	24.8547
135	1346	Load Combinations: AASHTO-VS-C	-155.9462	-12.8264	-3.2527	0.0001	-29.7255	0.2361
135	1346	Load Combinations: AASHTO-VS-D	-98.5378	-1.9309	-12.7444	0.0000	-85.2999	16.9250
135	1346	Load Combinations: AASHTO-I-S	-268.2855	-15.8230	1.1723	0.0000	-8.0673	2.2772
135	1346	Load Combinations: AASHTO-S-S	-202.1475	-1.1551	0.1139	0.0000	-9.2504	18.8589
135	1346	Load Combinations: AASHTO-SI-S	-239.6468	-16.0110	-0.7676	0.0001	-21.4495	-1.2126
135	1346	Load Combinations: AASHTO-VS-A-S	-172.8572	-9.1528	-2.2823	0.0001	-23.9631	8.3702
135	1346	Load Combinations: AASHTO-VS-B-S	-82.5252	-0.7975	-9.8072	0.0000	-69.7342	19.2122
136	1346	Load Combinations: AASHTO-I	425.2440	15.2548	-1.8686	-0.0001	10.1329	-9.7939
136	1346	Load Combinations: AASHTO-S	262.7706	0.3941	-0.5063	0.0000	12.0134	-24.4420
136	1346	Load Combinations: AASHTO-SI	329.0143	18.3062	-0.1788	-0.0002	26.3314	0.3168
136	1346	Load Combinations: AASHTO-VS-A	224.8191	9.1300	1.3420	-0.0001	31.0960	-6.0786
136	1346	Load Combinations: AASHTO-VS-B	106.9893	-0.0012	8.8315	0.0001	80.5279	-24.8547
136	1346	Load Combinations: AASHTO-VS-C	155.9500	10.0787	1.5763	-0.0001	29.7255	-0.2361
136	1346	Load Combinations: AASHTO-VS-D	98.5530	0.9620	7.0871	0.0000	85.2999	-16.9250
136	1346	Load Combinations: AASHTO-I-S	268.2886	10.7585	-1.1224	0.0000	8.0673	-2.2772
136	1346	Load Combinations: AASHTO-S-S	202.1479	0.2643	-0.3954	0.0000	9.2504	-18.8589
136	1346	Load Combinations: AASHTO-SI-S	239.6508	12.6256	-0.0907	-0.0001	21.4495	1.2126
136	1346	Load Combinations: AASHTO-VS-A-S	172.8597	6.9857	1.0108	-0.0001	23.9631	-8.3702
136	1346	Load Combinations: AASHTO-VS-B-S	82.5343	-0.0293	5.2388	0.0000	69.7342	-19.2122
136	1347	Load Combinations: AASHTO-I	-430.7575	-13.2623	1.8685	0.0001	-8.2844	23.0512
136	1347	Load Combinations: AASHTO-S	-268.2843	-0.3967	0.5054	0.0000	-11.5076	24.8373

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
136	1347	Load Combinations: AASHTO-SI	-334.5278	-16.3141	0.1760	0.0002	-26.1540	15.9920
136	1347	Load Combinations: AASHTO-VS-A	-230.1328	-9.1303	-1.3459	0.0001	-32.4399	17.2118
136	1347	Load Combinations: AASHTO-VS-B	-112.5127	-0.0014	-8.8541	-0.0001	-97.4556	24.8548
136	1347	Load Combinations: AASHTO-VS-C	-160.0851	-10.0624	-1.5782	0.0001	-31.3032	10.3163
136	1347	Load Combinations: AASHTO-VS-D	-42.6882	-0.9637	-7.0905	0.0000	-96.3917	17.8878
136	1347	Load Combinations: AASHTO-I-S	-272.5097	-10.7607	1.1223	0.0000	-8.9450	13.0681
136	1347	Load Combinations: AASHTO-S-S	-206.3891	-0.2659	0.3946	0.0000	-8.8551	19.1537
136	1347	Load Combinations: AASHTO-SI-S	-243.8620	-12.6305	0.0891	0.0001	-21.3596	11.4146
136	1347	Load Combinations: AASHTO-VS-A-S	-177.1008	-6.9689	-1.0131	0.0001	-24.8750	13.3572
136	1347	Load Combinations: AASHTO-VS-B-S	-86.7754	0.0278	-5.2982	0.0000	-74.0966	19.1836
137	1347	Load Combinations: AASHTO-I	430.7639	6.7415	-1.7431	0.0000	8.2644	-23.0512
137	1347	Load Combinations: AASHTO-S	268.2849	-0.3081	-0.5814	0.0000	11.5076	-24.8373
137	1347	Load Combinations: AASHTO-SI	334.5359	11.3168	-1.3771	-0.0001	26.1540	-15.9920
137	1347	Load Combinations: AASHTO-VS-A	230.1370	5.9739	-0.4406	-0.0001	32.4399	-17.2118
137	1347	Load Combinations: AASHTO-VS-B	112.5273	-1.0933	0.8242	0.0000	97.4556	-24.8548
137	1347	Load Combinations: AASHTO-VS-C	160.0892	6.8821	-0.2145	-0.0001	31.3032	-10.3163
137	1347	Load Combinations: AASHTO-VS-D	42.7026	-0.0744	1.0045	0.0000	96.3917	-17.8878
137	1347	Load Combinations: AASHTO-I-S	272.5139	7.3787	-1.0456	0.0000	8.9450	-13.0681
137	1347	Load Combinations: AASHTO-S-S	206.3894	-0.6344	-0.6819	0.0000	8.8553	-19.1537
137	1347	Load Combinations: AASHTO-SI-S	243.8667	8.8075	-1.0092	-0.0001	21.3596	-11.4146
137	1347	Load Combinations: AASHTO-VS-A-S	177.1034	4.5855	-0.3039	0.0000	24.8750	-13.3572
137	1347	Load Combinations: AASHTO-VS-B-S	86.7840	-0.8841	0.5879	0.0000	74.0966	-19.1836
137	1348	Load Combinations: AASHTO-I	-430.2774	-6.7488	1.7430	0.0000	-8.5215	31.7954
137	1348	Load Combinations: AASHTO-S	-273.7984	0.8036	0.5865	0.0000	-10.6267	24.8325
137	1348	Load Combinations: AASHTO-SI	-340.0493	-11.3188	1.3745	0.0001	-26.7783	27.3059
137	1348	Load Combinations: AASHTO-VS-A	-235.6505	-5.8790	0.4574	0.0001	-32.0007	23.1879
137	1348	Load Combinations: AASHTO-VS-B	-118.0408	1.0910	-0.8359	0.0000	-96.2959	29.7927
137	1348	Load Combinations: AASHTO-VS-C	-164.2343	-6.8657	0.2119	0.0001	-31.0900	17.3000
137	1348	Load Combinations: AASHTO-VS-D	-46.8377	0.0729	-1.0132	0.0000	-97.4005	17.8142
137	1348	Load Combinations: AASHTO-I-S	-276.7544	-7.3828	1.0459	0.0000	-3.6861	20.4483
137	1348	Load Combinations: AASHTO-S-S	-210.6308	0.6329	0.6814	0.0000	-8.1737	18.5201
137	1348	Load Combinations: AASHTO-SI-S	-248.1378	-8.8121	1.0077	0.0001	-20.3513	20.3241
137	1348	Load Combinations: AASHTO-VS-A-S	-181.3448	-4.5885	0.3518	0.0000	-24.8222	17.8240
137	1348	Load Combinations: AASHTO-VS-B-S	-91.0201	0.8629	-0.5948	0.0000	-76.5879	16.3202

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
138	1348	Load Combinations: AASHTO-I	436.2837	4.1454	-1.5768	0.0000	6.5215	-31.7954
138	1348	Load Combinations: AASHTO-II	273.7998	-1.9468	-1.2226	0.0000	10.6267	-24.0323
138	1348	Load Combinations: AASHTO-III	340.0673	6.1827	-2.5232	-0.0001	26.7783	-27.3059
138	1348	Load Combinations: AASHTO-VII-A	235.8546	2.7641	-2.1560	-0.0001	32.0007	-23.1879
138	1348	Load Combinations: AASHTO-VII-B	118.2828	-2.1250	-5.1098	0.0000	56.2858	-23.7827
138	1348	Load Combinations: AASHTO-VII-C	184.2282	3.8050	-1.9452	-0.0001	31.0800	-17.3000
138	1348	Load Combinations: AASHTO-VII-D	46.8498	-1.0778	-4.9190	0.0000	57.4005	-17.8142
138	1348	Load Combinations: AASHTO-I-S	276.7580	3.8864	-0.9453	0.0000	5.8891	-20.4483
138	1348	Load Combinations: AASHTO-II-S	210.8308	-1.5088	-0.9424	0.0000	8.1737	-18.5201
138	1348	Load Combinations: AASHTO-III-S	246.1424	4.8644	-1.8736	0.0000	20.9512	-20.2241
138	1348	Load Combinations: AASHTO-VII-A-S	181.3469	2.1048	-1.6680	0.0000	24.8222	-17.9240
138	1348	Load Combinations: AASHTO-VII-B-S	91.0322	-1.6525	-3.8057	0.0000	75.5679	-18.3202
138	1349	Load Combinations: AASHTO-I	-461.7971	-4.1524	1.5758	0.0000	-6.9449	35.9439
138	1349	Load Combinations: AASHTO-II	-279.3123	1.9468	1.2218	0.0000	-8.4045	22.0850
138	1349	Load Combinations: AASHTO-III	-345.5709	-6.1803	2.5809	0.0001	-24.2764	53.4919
138	1349	Load Combinations: AASHTO-VII-A	-241.1881	-2.7690	2.1548	0.0001	-29.8445	25.8544
138	1349	Load Combinations: AASHTO-VII-B	-123.3883	2.1229	5.0878	0.0000	-60.1525	21.8388
138	1349	Load Combinations: AASHTO-VII-C	-188.3635	-3.8080	1.9428	0.0001	-29.1481	21.1066
138	1349	Load Combinations: AASHTO-VII-D	-50.9649	1.0762	4.8112	0.0000	-62.4856	16.7372
138	1349	Load Combinations: AASHTO-I-S	-280.9891	-3.8904	0.9453	0.0000	-2.9539	24.3364
138	1349	Load Combinations: AASHTO-II-S	-214.8720	1.5075	0.9419	0.0000	-7.2318	17.0120
138	1349	Load Combinations: AASHTO-III-S	-252.3636	-4.8898	1.8724	0.0000	-18.4782	25.1104
138	1349	Load Combinations: AASHTO-VII-A-S	-185.5881	-2.1076	1.6660	0.0000	-22.9553	20.0300
138	1349	Load Combinations: AASHTO-VII-B-S	-95.2733	1.6508	3.9484	0.0000	-71.8355	16.6889
139	1349	Load Combinations: AASHTO-I	441.8028	-0.1530	-1.3776	0.0000	4.9448	-30.9439
139	1349	Load Combinations: AASHTO-II	279.3128	-2.9305	-1.4964	0.0000	9.4045	-22.0850
139	1349	Load Combinations: AASHTO-III	345.5777	1.3280	-3.4527	-0.0001	24.2764	-53.4919
139	1349	Load Combinations: AASHTO-VII-A	241.1714	-0.2413	-3.8598	0.0000	29.8445	-25.8544
139	1349	Load Combinations: AASHTO-VII-B	123.3702	-3.0512	-10.3598	0.0000	60.1525	-21.8388
139	1349	Load Combinations: AASHTO-VII-C	188.3569	0.7977	-5.4630	0.0000	29.1481	-21.1066
139	1349	Load Combinations: AASHTO-VII-D	50.9937	-1.9594	-10.1998	0.0000	62.4856	-16.7372
139	1349	Load Combinations: AASHTO-I-S	281.0022	0.5889	-0.8252	0.0000	2.9539	-24.3364
139	1349	Load Combinations: AASHTO-II-S	214.8722	-2.2597	-1.1513	0.0000	7.2318	-17.0120
139	1349	Load Combinations: AASHTO-III-S	252.3676	1.1656	-2.8048	0.0000	18.4782	-25.1104

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
139	1349	Load Combinations: AASHTO-VII-A-S	185.5900	-0.1984	-2.8146	0.0000	22.9553	-20.0300
139	1349	Load Combinations: AASHTO-VII-B-S	95.2760	-2.3205	-7.9703	0.0000	71.8355	-16.6889
139	1350	Load Combinations: AASHTO-I	-447.3191	0.1564	1.3777	0.0000	-5.5674	35.7842
139	1350	Load Combinations: AASHTO-II	-284.8261	2.9295	1.4958	0.0000	-7.9085	19.1557
139	1350	Load Combinations: AASHTO-III	-351.0912	-1.3352	3.4928	0.0001	-20.8251	34.8234
139	1350	Load Combinations: AASHTO-VII-A	-246.6848	0.2369	3.8537	0.0000	-26.1685	25.7152
139	1350	Load Combinations: AASHTO-VII-B	-129.0898	2.9993	10.3499	0.0000	-62.8280	18.8396
139	1350	Load Combinations: AASHTO-VII-C	-172.5017	-0.8010	5.4608	0.0000	-25.6843	21.9059
139	1350	Load Combinations: AASHTO-VII-D	-55.1288	1.9581	10.1614	0.0000	-62.5206	14.7785
139	1350	Load Combinations: AASHTO-I-S	-285.3433	-0.5497	0.8253	0.0000	-2.1267	24.9282
139	1350	Load Combinations: AASHTO-II-S	-219.1133	2.2585	1.1509	0.0000	-6.0808	14.7530
139	1350	Load Combinations: AASHTO-III-S	-256.6356	-1.1998	2.8034	0.0000	-15.8744	26.2780
139	1350	Load Combinations: AASHTO-VII-A-S	-189.8312	0.1966	2.8128	0.0000	-20.1417	19.8320
139	1350	Load Combinations: AASHTO-VII-B-S	-98.5197	2.3182	7.9705	0.0000	-63.6825	14.3481
140	1350	Load Combinations: AASHTO-I	447.3202	-3.6472	-1.1556	0.0000	3.5674	-35.7842
140	1350	Load Combinations: AASHTO-II	284.8253	-5.6633	-1.6757	0.0000	7.9085	-19.1557
140	1350	Load Combinations: AASHTO-III	351.0998	-2.6815	-4.1380	0.0000	20.8251	-34.8234
140	1350	Load Combinations: AASHTO-VII-A	246.6873	-2.8096	-4.6061	0.0000	26.1685	-25.7152
140	1350	Load Combinations: AASHTO-VII-B	129.0941	-5.6422	-14.4628	0.0000	62.8280	-18.8396
140	1350	Load Combinations: AASHTO-VII-C	172.5042	-3.8111	-8.8369	0.0000	25.6843	-21.9059
140	1350	Load Combinations: AASHTO-VII-D	55.1344	-5.6439	-14.3000	0.0000	62.5206	-14.7785
140	1350	Load Combinations: AASHTO-I-S	285.2458	-2.2577	-0.8917	0.0000	2.1267	-24.9282
140	1350	Load Combinations: AASHTO-II-S	219.1134	-3.8200	-1.2978	0.0000	6.0808	-14.7530
140	1350	Load Combinations: AASHTO-III-S	256.6320	-2.0859	-3.1346	0.0000	15.8744	-26.2780
140	1350	Load Combinations: AASHTO-VII-A-S	189.8328	-2.1680	-3.8938	0.0000	20.1417	-19.8320
140	1350	Load Combinations: AASHTO-VII-B-S	98.5228	-3.9080	-11.1320	0.0000	63.6825	-14.3481
140	1351	Load Combinations: AASHTO-I	-462.9337	3.6409	1.1557	0.0000	-2.4119	31.9406
140	1351	Load Combinations: AASHTO-II	-290.3398	3.6614	1.6750	0.0000	-6.3333	15.4936
140	1351	Load Combinations: AASHTO-III	-356.6101	2.8746	4.1361	0.0000	-16.8884	31.9456
140	1351	Load Combinations: AASHTO-VII-A	-252.2008	2.8052	4.6034	0.0000	-21.3950	22.9080
140	1351	Load Combinations: AASHTO-VII-B	-134.8076	5.6405	14.4735	0.0000	-68.3504	14.8974
140	1351	Load Combinations: AASHTO-VII-C	-176.8393	1.8079	8.8349	0.0000	-21.0486	20.0965
140	1351	Load Combinations: AASHTO-VII-D	-58.2695	3.8425	14.2932	0.0000	-68.0242	12.1352
140	1351	Load Combinations: AASHTO-I-S	-289.4869	2.2541	0.8917	0.0000	-1.4370	22.6724

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
140	1351	Load Combinations: AASHTO-B-S	-223.3546	2.8189	1.2874	0.0000	-4.7930	11.8337
140	1351	Load Combinations: AASHTO-B-S	-260.8791	2.0619	3.1335	0.0000	-12.7406	24.2142
140	1351	Load Combinations: AASHTO-VB-A-S	-194.0736	2.1854	5.6922	0.0000	-16.4468	17.6654
140	1351	Load Combinations: AASHTO-VB-B-S	-103.7640	2.8073	11.1267	0.0000	-52.5332	11.5414
141	1351	Load Combinations: AASHTO-I	452.8395	-6.8000	-0.9218	0.0000	2.4119	-31.9406
141	1351	Load Combinations: AASHTO-II	390.3396	-4.8710	-1.7374	0.0000	6.2333	-15.4806
141	1351	Load Combinations: AASHTO-III	356.6137	-6.1046	-4.4838	0.0000	16.6884	-31.9456
141	1351	Load Combinations: AASHTO-VB-A	352.3523	-4.7272	-5.4921	0.0000	21.3650	-22.9080
141	1351	Load Combinations: AASHTO-VB-B	134.9099	-3.8765	-17.0636	0.0000	68.3504	-14.9974
141	1351	Load Combinations: AASHTO-VB-C	176.6409	-3.8116	-5.3019	0.0000	21.0495	-20.0960
141	1351	Load Combinations: AASHTO-VB-D	59.2719	-3.0490	-16.8207	0.0000	68.0242	-12.1952
141	1351	Load Combinations: AASHTO-I-S	399.4696	-4.4249	-0.5512	0.0000	1.4370	-22.8724
141	1351	Load Combinations: AASHTO-II-S	223.3546	-3.1313	-1.3345	0.0000	4.7930	-11.8337
141	1351	Load Combinations: AASHTO-III-S	260.8752	-4.5592	-3.4062	0.0000	12.7406	-24.2142
141	1351	Load Combinations: AASHTO-VB-A-S	194.0746	-3.6384	-4.2195	0.0000	16.4468	-17.6654
141	1351	Load Combinations: AASHTO-VB-B-S	103.7653	-3.0634	-13.1219	0.0000	52.5332	-11.5414
141	1352	Load Combinations: AASHTO-I	-458.3500	6.5946	0.9219	0.0000	-1.4901	25.3443
141	1352	Load Combinations: AASHTO-II	-395.8633	4.0693	1.7369	0.0000	-4.4963	11.4237
141	1352	Load Combinations: AASHTO-III	-362.1272	6.0981	4.4821	0.0000	-12.2958	25.8447
141	1352	Load Combinations: AASHTO-VB-A	-257.7158	4.7230	5.4898	0.0000	-15.8945	18.1832
141	1352	Load Combinations: AASHTO-VB-B	-140.1334	3.8777	17.0751	0.0000	-51.2716	11.0180
141	1352	Load Combinations: AASHTO-VB-C	-180.7760	3.8089	5.3501	0.0000	-15.6978	19.2968
141	1352	Load Combinations: AASHTO-VB-D	-63.4070	3.0639	16.9144	0.0000	-51.1368	9.0709
141	1352	Load Combinations: AASHTO-I-S	-399.7299	4.4215	0.5513	0.0000	-0.8958	18.2495
141	1352	Load Combinations: AASHTO-II-S	-227.5957	3.1303	1.3342	0.0000	-3.4587	8.8030
141	1352	Load Combinations: AASHTO-III-S	-265.1184	4.5463	3.4052	0.0000	-9.3361	19.6663
141	1352	Load Combinations: AASHTO-VB-A-S	-196.9158	3.6360	4.2170	0.0000	-12.2313	14.0284
141	1352	Load Combinations: AASHTO-VB-B-S	-106.0095	3.0625	13.1169	0.0000	-39.4141	8.4786
142	1352	Load Combinations: AASHTO-I	458.3513	-6.1344	-0.8974	0.0000	1.4901	-25.3443
142	1352	Load Combinations: AASHTO-II	395.8632	-4.0840	-1.6612	0.0000	4.4963	-11.4237
142	1352	Load Combinations: AASHTO-III	362.1290	-6.0218	-4.4218	0.0000	12.2958	-25.8447
142	1352	Load Combinations: AASHTO-VB-A	257.7163	-5.7957	-5.6067	0.0000	15.8945	-18.1832
142	1352	Load Combinations: AASHTO-VB-B	140.1329	-3.9500	-17.8007	0.0000	51.2716	-11.0180
142	1352	Load Combinations: AASHTO-VB-C	180.7766	-5.9077	-5.5026	0.0000	15.6978	-19.2968

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
142	1352	Load Combinations: AASHTO-VB-D	63.4066	-5.1615	-17.6707	0.0000	51.1368	-9.0709
142	1352	Load Combinations: AASHTO-I-S	399.7306	-5.8948	-0.4105	0.0000	0.8958	-18.2495
142	1352	Load Combinations: AASHTO-II-S	227.5957	-3.1407	-1.2758	0.0000	3.4587	-8.8030
142	1352	Load Combinations: AASHTO-III-S	265.1175	-4.5438	-3.3669	0.0000	9.3351	-19.6663
142	1352	Load Combinations: AASHTO-VB-A-S	196.9181	-4.4589	-4.3084	0.0000	12.2313	-14.0284
142	1352	Load Combinations: AASHTO-VB-B-S	106.0062	-3.0391	-13.0693	0.0000	39.4141	-8.4786
142	1353	Load Combinations: AASHTO-I	-463.8647	6.1267	0.6875	0.0000	-0.8028	17.2136
142	1353	Load Combinations: AASHTO-II	-301.3667	4.0624	1.5607	0.0000	-2.9354	7.3409
142	1353	Load Combinations: AASHTO-III	-367.6425	6.0155	4.4202	0.0000	-7.7853	17.8268
142	1353	Load Combinations: AASHTO-VB-A	-263.2296	5.7917	5.6074	0.0000	-10.2983	12.3889
142	1353	Load Combinations: AASHTO-VB-B	-145.8364	3.9485	17.7927	0.0000	-33.4755	7.0099
142	1353	Load Combinations: AASHTO-VB-C	-184.9118	5.9048	5.5009	0.0000	-10.1963	11.2806
142	1353	Load Combinations: AASHTO-VB-D	-67.5418	5.1605	17.6847	0.0000	-33.4394	5.6099
142	1353	Load Combinations: AASHTO-I-S	-297.9118	5.8918	0.4106	0.0000	-0.4783	12.5067
142	1353	Load Combinations: AASHTO-II-S	-231.8368	3.1368	1.2758	0.0000	-2.1832	5.8629
142	1353	Load Combinations: AASHTO-III-S	-269.3586	5.0401	3.3660	0.0000	-5.3689	13.8247
142	1353	Load Combinations: AASHTO-VB-A-S	-202.9572	4.4566	4.3070	0.0000	-7.3238	8.5709
142	1353	Load Combinations: AASHTO-VB-B-S	-112.2479	3.0372	13.0646	0.0000	-25.7475	5.4410
143	1353	Load Combinations: AASHTO-I	463.8646	-6.1722	-0.4628	0.0000	0.8028	-17.2136
143	1353	Load Combinations: AASHTO-II	301.3665	-3.8344	-1.4270	0.0000	2.9354	-7.3409
143	1353	Load Combinations: AASHTO-III	367.6424	-5.8233	-3.8850	0.0000	7.7853	-17.8268
143	1353	Load Combinations: AASHTO-VB-A	263.2294	-5.6225	-5.0568	0.0000	10.2983	-12.3889
143	1353	Load Combinations: AASHTO-VB-B	145.8331	-3.4931	-16.2812	0.0000	33.4755	-7.0898
143	1353	Load Combinations: AASHTO-VB-C	184.9115	-5.2081	-4.9962	0.0000	10.1963	-11.2806
143	1353	Load Combinations: AASHTO-VB-D	67.5366	-2.8741	-16.1967	0.0000	33.4394	-5.6099
143	1353	Load Combinations: AASHTO-I-S	297.9118	-5.8578	-0.2756	0.0000	0.4783	-12.5067
143	1353	Load Combinations: AASHTO-II-S	231.8367	-2.7963	-1.0863	0.0000	2.1832	-5.8629
143	1353	Load Combinations: AASHTO-III-S	269.3586	-4.3111	-2.9656	0.0000	5.3689	-13.8247
143	1353	Load Combinations: AASHTO-VB-A-S	202.9570	-4.4822	-3.8857	0.0000	7.3239	-8.5708
143	1353	Load Combinations: AASHTO-VB-B-S	112.2454	-2.9957	-12.5048	0.0000	25.7475	-5.4410
143	1354	Load Combinations: AASHTO-I	-469.3781	6.1896	0.4632	0.0000	-0.3399	9.0451
143	1354	Load Combinations: AASHTO-II	-306.8799	3.8338	1.4265	0.0000	-1.4088	3.7074
143	1354	Load Combinations: AASHTO-III	-373.1909	5.8131	3.8834	0.0000	-3.9014	9.5073
143	1354	Load Combinations: AASHTO-VB-A	-268.7429	5.5186	5.0045	0.0000	-5.2310	6.5886

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
143	1354	Load Combinations: AASHTO-VB-E	-151.1486	3.4917	16.2735	0.0000	-17.1867	3.5775
143	1354	Load Combinations: AASHTO-VB-C	-169.0498	5.2063	4.9545	0.0000	-5.2112	9.0731
143	1354	Load Combinations: AASHTO-VB-D	-71.6737	2.8731	16.1929	0.0000	-17.2459	3.0364
143	1354	Load Combinations: AASHTO-I-E	-302.2128	5.8544	0.2758	0.0000	-0.1995	9.7011
143	1354	Load Combinations: AASHTO-B-E	-236.0778	2.7953	1.0960	0.0000	-1.0971	2.8873
143	1354	Load Combinations: AASHTO-IB-E	-273.3887	8.3075	2.9647	0.0000	-3.0039	7.3158
143	1354	Load Combinations: AASHTO-VB-A-E	-206.7981	4.4799	3.8843	0.0000	-4.0390	5.0900
143	1354	Load Combinations: AASHTO-VB-B-E	-116.4665	2.6848	12.5060	0.0000	-13.2455	2.7058
144	1354	Load Combinations: AASHTO-I	469.3762	-6.4318	-0.2581	0.0000	0.3398	-9.0481
144	1354	Load Combinations: AASHTO-B	506.8796	-2.4513	-1.0132	0.0000	1.4098	-3.7074
144	1354	Load Combinations: AASHTO-IB	373.1537	-6.6967	-2.8032	0.0000	3.8014	-9.5073
144	1354	Load Combinations: AASHTO-VB-A	268.7414	-4.6125	-3.7271	0.0000	5.2310	-6.5696
144	1354	Load Combinations: AASHTO-VB-B	151.1402	-2.5446	-12.1803	0.0000	17.1867	-3.5775
144	1354	Load Combinations: AASHTO-VB-C	189.0453	-4.2240	-3.8960	0.0000	5.2112	-6.0731
144	1354	Load Combinations: AASHTO-VB-D	71.6676	-2.1412	-12.1413	0.0000	17.2439	-3.0364
144	1354	Load Combinations: AASHTO-I-S	302.2120	-4.7008	-0.1527	0.0000	0.1995	-6.7011
144	1354	Load Combinations: AASHTO-B-S	236.0776	-2.0436	-0.7797	0.0000	1.0871	-2.8873
144	1354	Load Combinations: AASHTO-IB-S	273.3885	-6.1181	-2.1483	0.0000	3.0039	-7.3158
144	1354	Load Combinations: AASHTO-VB-A-S	206.7973	-3.5091	-2.8691	0.0000	4.0390	-5.0900
144	1354	Load Combinations: AASHTO-VB-B-S	116.4628	-1.9575	-9.3485	0.0000	13.2455	-2.7058
144	1355	Load Combinations: AASHTO-I	-474.8867	6.4263	0.2582	0.0000	-0.0819	2.9168
144	1355	Load Combinations: AASHTO-B	-312.3931	2.6466	1.0127	0.0000	-0.3959	1.0571
144	1355	Load Combinations: AASHTO-IB	-376.8871	8.6907	2.8017	0.0000	-1.0992	2.8142
144	1355	Load Combinations: AASHTO-VB-A	-274.2548	4.6067	3.7249	0.0000	-1.5052	1.9594
144	1355	Load Combinations: AASHTO-VB-B	-156.6537	2.5402	12.1528	0.0000	-5.0426	1.0337
144	1355	Load Combinations: AASHTO-VB-C	-193.1805	4.2212	3.6943	0.0000	-1.5162	1.8507
144	1355	Load Combinations: AASHTO-VB-D	-75.8027	2.1402	12.1357	0.0000	-5.1056	0.8958
144	1355	Load Combinations: AASHTO-I-S	-304.4531	4.8977	0.1526	0.0000	-0.0467	2.0021
144	1355	Load Combinations: AASHTO-B-S	-240.3188	2.0429	0.7794	0.0000	-0.3078	0.8241
144	1355	Load Combinations: AASHTO-IB-S	-277.8396	6.1106	2.1475	0.0000	-0.8562	2.2039
144	1355	Load Combinations: AASHTO-VB-A-S	-211.0384	3.5369	2.8678	0.0000	-1.1706	1.5322
144	1355	Load Combinations: AASHTO-VB-B-S	-120.7240	1.9564	9.3441	0.0000	-3.9985	0.7969
145	1355	Load Combinations: AASHTO-I	474.8859	-2.8198	-0.0817	0.0000	0.0818	-2.8198
145	1355	Load Combinations: AASHTO-B	312.3926	-1.0579	-0.3962	0.0000	0.3959	-1.0571

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
145	1355	Load Combinations: AASHTO-IB	376.8824	-2.8175	-1.1001	0.0000	1.0992	-2.8142
145	1355	Load Combinations: AASHTO-VB-A	274.2521	-1.9614	-1.0264	0.0000	1.5052	-1.9594
145	1355	Load Combinations: AASHTO-VB-B	156.6436	-1.0345	-5.0485	0.0000	5.0426	-1.0337
145	1355	Load Combinations: AASHTO-VB-C	193.1779	-1.9022	-1.3171	0.0000	1.5162	-1.8507
145	1355	Load Combinations: AASHTO-VB-D	75.7928	-0.8062	-5.1085	0.0000	5.1056	-0.8958
145	1355	Load Combinations: AASHTO-I-S	306.4511	-2.0039	-0.0467	0.0000	0.0467	-2.0021
145	1355	Load Combinations: AASHTO-B-S	240.3185	-0.8248	-0.3077	0.0000	0.3078	-0.8241
145	1355	Load Combinations: AASHTO-IB-S	277.8369	-2.2057	-0.8567	0.0000	0.8562	-2.2039
145	1355	Load Combinations: AASHTO-VB-A-S	211.0368	-1.5334	-1.1713	0.0000	1.1706	-1.5322
145	1355	Load Combinations: AASHTO-VB-B-S	120.7180	-0.7990	-3.9018	0.0000	3.8985	-0.7969
145	1356	Load Combinations: AASHTO-I	-480.3994	2.8143	0.0818	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-B	-317.9061	1.0564	0.3957	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-IB	-384.1759	2.8115	1.0986	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-A	-279.7606	1.9576	1.5042	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-B	-162.1570	1.0331	5.0390	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-C	-197.3131	1.8484	1.5155	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-D	-79.8279	0.8053	5.1029	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-I-S	-310.8923	2.0007	0.0468	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-B-S	-244.3596	0.8237	0.3074	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-IB-S	-282.0781	2.2022	0.8558	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-A-S	-215.2780	1.5311	1.1700	0.0000	0.0000	0.0000
145	1356	Load Combinations: AASHTO-VB-B-S	-124.9550	0.7987	3.8974	0.0000	0.0000	0.0000
146	1085	Load Combinations: AASHTO-I	406.8824	22.1447	1.9915	0.0001	-16.0921	50.0399
146	1085	Load Combinations: AASHTO-B	270.8315	3.0070	0.6297	0.0000	-6.5745	-17.4742
146	1085	Load Combinations: AASHTO-IB	357.0857	25.2703	5.5029	-0.0001	-3.7209	67.0465
146	1085	Load Combinations: AASHTO-VB-A	308.9518	15.3239	7.4499	-0.0001	0.2830	33.2158
146	1085	Load Combinations: AASHTO-VB-B	424.5270	3.3360	22.2547	0.0001	21.8320	-16.9734
146	1085	Load Combinations: AASHTO-VB-C	344.2171	16.0758	7.1218	-0.0001	2.7418	43.5099
146	1085	Load Combinations: AASHTO-VB-D	361.8467	5.1109	21.9157	0.0000	24.7648	-6.4607
146	1085	Load Combinations: AASHTO-I-S	255.5396	17.4664	1.2015	0.0000	-9.8378	45.1951
146	1085	Load Combinations: AASHTO-B-S	208.3140	2.2960	2.0169	0.0000	-5.0280	-13.5805
146	1085	Load Combinations: AASHTO-IB-S	284.1490	19.4864	4.3519	-0.0001	-2.0877	52.7100
146	1085	Load Combinations: AASHTO-VB-A-S	237.5823	11.7491	5.6966	-0.0001	0.2591	25.2959
146	1085	Load Combinations: AASHTO-VB-B-S	327.9301	1.7725	16.9941	0.0001	17.3210	-15.4865

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
146	1357	Load Combinations: AASHTO-I	-414.2099	-22.1519	-1.9971	-0.0001	14.0690	-27.8857
146	1357	Load Combinations: AASHTO-II	-276.3450	-3.0194	-2.8305	0.0000	5.8446	20.4627
146	1357	Load Combinations: AASHTO-III	-392.5972	-25.2836	-5.8057	0.0001	-2.0830	-41.7719
146	1357	Load Combinations: AASHTO-VII-A	-314.4645	-15.3290	-7.4540	0.0001	-7.7344	-17.8905
146	1357	Load Combinations: AASHTO-VII-B	-432.1404	-2.3417	-22.2690	-0.0001	-44.0916	22.3133
146	1357	Load Combinations: AASHTO-VII-C	-248.3522	-16.0782	-7.1249	0.0001	-8.8649	-27.4334
146	1357	Load Combinations: AASHTO-VII-D	-365.7816	-2.1128	-21.8264	0.0000	-46.5840	12.5813
146	1357	Load Combinations: AASHTO-II-S	-259.7807	-17.4643	-1.2013	0.0000	8.4362	-27.8936
146	1357	Load Combinations: AASHTO-III-S	-212.0502	-2.2680	-2.0174	0.0000	3.0110	15.8674
146	1357	Load Combinations: AASHTO-III-S	-288.3901	-15.4907	-4.3536	0.0001	-2.2647	-53.2228
146	1357	Load Combinations: AASHTO-VII-A-S	-241.8234	-11.7523	-5.7010	0.0001	-6.0576	-13.5359
146	1357	Load Combinations: AASHTO-VII-B-S	-332.1713	-1.7744	-17.0025	-0.0001	-34.3279	17.2597
147	1357	Load Combinations: AASHTO-I	414.2072	20.3922	1.9874	0.0001	-14.0690	27.8857
147	1357	Load Combinations: AASHTO-II	276.3454	2.4585	2.4295	0.0000	-3.9446	-20.4627
147	1357	Load Combinations: AASHTO-III	392.5864	23.4071	5.2192	-0.0001	2.0830	41.7719
147	1357	Load Combinations: AASHTO-VII-A	314.4660	14.0909	6.6344	-0.0001	7.7344	17.8905
147	1357	Load Combinations: AASHTO-VII-B	432.1492	1.5178	19.5353	0.0001	44.0916	-22.3133
147	1357	Load Combinations: AASHTO-VII-C	248.3532	14.8542	6.3122	-0.0001	8.8649	27.4334
147	1357	Load Combinations: AASHTO-VII-D	365.7806	2.6461	19.1080	0.0000	46.5840	-12.5813
147	1357	Load Combinations: AASHTO-II-S	259.7812	16.1499	1.1969	0.0000	-8.4362	27.8936
147	1357	Load Combinations: AASHTO-III-S	212.0555	1.8600	1.8629	0.0000	-3.0110	-15.8674
147	1357	Load Combinations: AASHTO-III-S	288.3907	18.0551	3.9061	-0.0001	2.2647	53.2228
147	1357	Load Combinations: AASHTO-VII-A-S	241.8243	10.8082	5.0733	0.0000	6.0576	13.5359
147	1357	Load Combinations: AASHTO-VII-B-S	332.1785	1.3749	14.9122	-0.0001	34.3279	-17.2597
147	1358	Load Combinations: AASHTO-I	-419.7207	-20.3888	-1.9870	-0.0001	12.0826	-7.4898
147	1358	Load Combinations: AASHTO-II	-281.8589	-2.4536	-2.4303	0.0000	1.5148	22.9346
147	1358	Load Combinations: AASHTO-III	-398.1118	-23.4149	-5.2229	0.0001	-7.3031	-16.3631
147	1358	Load Combinations: AASHTO-VII-A	-319.9796	-14.0963	-6.6364	0.0001	-14.3704	-3.7979
147	1358	Load Combinations: AASHTO-VII-B	-437.9627	-1.6206	-19.5402	-0.0001	-63.6319	24.1323
147	1358	Load Combinations: AASHTO-VII-C	-252.4883	-14.8978	-6.3132	0.0001	-16.1762	-12.5362
147	1358	Load Combinations: AASHTO-VII-D	-369.8257	-2.6480	-19.1184	0.0000	-65.6755	15.2282
147	1358	Load Combinations: AASHTO-II-S	-264.0233	-16.1041	-1.1967	0.0000	7.2295	-11.5429
147	1358	Load Combinations: AASHTO-III-S	-216.7998	-1.8618	-1.8654	0.0000	1.1479	17.7282
147	1358	Load Combinations: AASHTO-III-S	-292.8319	-18.0096	-3.9067	0.0001	-6.1704	-15.1666

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
147	1358	Load Combinations: AASHTO-VII-A-S	-246.0854	-10.8034	-5.0757	0.0000	-11.1318	-2.7347
147	1358	Load Combinations: AASHTO-VII-B-S	-336.4176	-1.3767	-14.8254	-0.0001	-48.2430	16.8354
148	1358	Load Combinations: AASHTO-I	419.7248	17.2819	1.9495	0.0001	-12.0820	7.4898
148	1358	Load Combinations: AASHTO-II	281.8596	1.5232	2.0736	0.0000	-1.5148	-22.9346
148	1358	Load Combinations: AASHTO-III	398.1168	20.0850	4.2079	-0.0001	7.3031	16.3631
148	1358	Load Combinations: AASHTO-VII-A	319.9826	11.8106	5.2319	-0.0001	14.3704	3.7979
148	1358	Load Combinations: AASHTO-VII-B	437.9784	0.3604	14.8988	0.0001	63.6319	-24.1324
148	1358	Load Combinations: AASHTO-VII-C	252.4911	12.7983	4.9185	-0.0001	16.1762	12.5362
148	1358	Load Combinations: AASHTO-VII-D	369.8392	1.8646	14.4961	0.0000	65.6755	-15.2282
148	1358	Load Combinations: AASHTO-II-S	264.0244	13.8188	1.1734	0.0000	-7.2295	11.5429
148	1358	Load Combinations: AASHTO-III-S	216.7976	1.1488	1.5898	0.0000	-1.1479	-17.7282
148	1358	Load Combinations: AASHTO-III-S	292.8346	15.5014	3.1330	-0.0001	6.1704	15.1666
148	1358	Load Combinations: AASHTO-VII-A-S	246.0873	8.1257	3.9986	0.0000	11.1318	2.7347
148	1358	Load Combinations: AASHTO-VII-B-S	336.4257	0.7194	11.3838	0.0001	48.2430	-16.8355
148	1359	Load Combinations: AASHTO-I	-425.2393	-17.2882	-1.9493	-0.0001	10.1329	9.7939
148	1359	Load Combinations: AASHTO-II	-287.3730	-1.5251	-2.0745	0.0000	-0.5590	24.4591
148	1359	Load Combinations: AASHTO-III	-403.6301	-20.0729	-4.2106	0.0001	-11.5119	1.7040
148	1359	Load Combinations: AASHTO-VII-A	-325.4991	-11.8159	-5.2358	0.0001	-19.6038	8.1144
148	1359	Load Combinations: AASHTO-VII-B	-443.1898	-0.8632	-14.9121	-0.0001	-76.5358	25.0940
148	1359	Load Combinations: AASHTO-VII-C	-256.8262	-12.7920	-4.9222	0.0001	-21.0967	0.2512
148	1359	Load Combinations: AASHTO-VII-D	-374.0744	-1.8683	-14.5081	0.0000	-80.1773	17.0935
148	1359	Load Combinations: AASHTO-II-S	-268.2955	-13.8230	-1.1723	0.0000	6.0673	2.2772
148	1359	Load Combinations: AASHTO-III-S	-221.0391	-1.1516	-1.5903	0.0000	-0.4420	18.5789
148	1359	Load Combinations: AASHTO-III-S	-296.8757	-15.5080	-3.1346	0.0001	-8.3040	9.3360
148	1359	Load Combinations: AASHTO-VII-A-S	-250.3095	-8.1285	-4.0008	0.0000	-15.1314	6.3921
148	1359	Load Combinations: AASHTO-VII-B-S	-340.6958	-0.7219	-11.3718	-0.0001	-60.6096	19.3056
149	1359	Load Combinations: AASHTO-I	425.2440	13.2548	1.9886	0.0001	-10.1329	-9.7939
149	1359	Load Combinations: AASHTO-II	287.3737	0.2662	1.5117	0.0000	0.5590	-24.4591
149	1359	Load Combinations: AASHTO-III	403.6371	15.7120	2.9247	-0.0001	11.5119	-1.7040
149	1359	Load Combinations: AASHTO-VII-A	325.5004	9.0936	3.4833	-0.0001	19.6038	-8.1144
149	1359	Load Combinations: AASHTO-VII-B	443.2065	-0.0797	9.0960	0.0001	76.5358	-25.0940
149	1359	Load Combinations: AASHTO-VII-C	256.8300	10.0466	3.1705	-0.0001	21.0967	-0.2512
149	1359	Load Combinations: AASHTO-VII-D	374.0856	0.8983	8.7950	0.0000	80.1773	-17.0935
149	1359	Load Combinations: AASHTO-II-S	268.2896	10.7695	1.1224	0.0000	-6.0673	-2.2772

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
149	1359	Load Combinations: AASHTO-B-S	221.0385	0.2808	1.2355	0.0000	0.4420	-18.8788
149	1359	Load Combinations: AASHTO-BI-S	296.8798	12.1705	2.1052	0.0000	5.3040	-0.3060
149	1359	Load Combinations: AASHTO-VB-A-S	250.3109	6.9642	2.6439	0.0000	15.1314	-6.3821
149	1359	Load Combinations: AASHTO-VB-B-S	340.6780	-0.0780	6.9237	0.0000	60.6098	-19.3586
149	1360	Load Combinations: AASHTO-I	-450.7575	-13.2823	-1.8685	-0.0001	5.2644	23.0512
149	1360	Load Combinations: AASHTO-E	-292.9872	-0.3909	-1.8125	0.0000	-2.1710	24.8488
149	1360	Load Combinations: AASHTO-BI	-409.1506	-15.7199	-2.8273	0.0001	-14.4377	17.4184
149	1360	Load Combinations: AASHTO-VB-A	-331.0139	-8.0869	-3.4670	0.0001	-23.0686	17.2100
149	1360	Load Combinations: AASHTO-VB-B	-448.7189	0.0771	-9.1085	-0.0001	-67.8370	25.0156
149	1360	Load Combinations: AASHTO-VB-C	-260.7651	-10.0505	-5.1733	0.0001	-24.2684	10.2980
149	1360	Load Combinations: AASHTO-VB-D	-378.2249	-0.8999	-8.7444	0.0000	-66.9163	17.9925
149	1360	Load Combinations: AASHTO-I-S	-272.5097	-10.7937	-1.1223	0.0000	4.9450	15.0681
149	1360	Load Combinations: AASHTO-E-S	-229.2797	-0.2624	-1.2360	0.0000	-1.6778	16.1804
149	1360	Load Combinations: AASHTO-BI-S	-301.1209	-12.1801	-2.1567	0.0000	-11.4597	12.5129
149	1360	Load Combinations: AASHTO-VB-A-S	-254.9521	-6.9672	-2.6461	0.0000	-17.7782	13.3573
149	1360	Load Combinations: AASHTO-VB-B-S	-344.9171	0.0745	-6.9311	0.0000	-67.5367	19.2803
150	1360	Load Combinations: AASHTO-I	430.7639	8.7415	1.7431	0.0000	-8.3644	-23.0512
150	1360	Load Combinations: AASHTO-E	292.8879	-0.6117	1.0922	0.0000	2.1710	-24.8488
150	1360	Load Combinations: AASHTO-BI	409.1599	10.8033	1.5148	0.0000	14.4377	-17.4184
150	1360	Load Combinations: AASHTO-VB-A	351.0184	5.9412	1.5323	0.0000	23.0686	-17.2100
150	1360	Load Combinations: AASHTO-VB-B	448.7339	-1.1689	2.8102	0.0001	67.8370	-25.0156
150	1360	Load Combinations: AASHTO-VB-C	260.7693	6.9539	1.2969	-0.0001	24.2684	-10.2980
150	1360	Load Combinations: AASHTO-VB-D	378.2397	-0.1349	2.4962	0.0000	66.9163	-17.9925
150	1360	Load Combinations: AASHTO-I-S	272.5133	7.5787	1.0459	0.0000	-4.9450	-15.0681
150	1360	Load Combinations: AASHTO-E-S	225.2800	-0.6377	0.8373	0.0000	1.6778	-16.1804
150	1360	Load Combinations: AASHTO-BI-S	301.1256	8.4232	1.0825	0.0000	11.4597	-12.5129
150	1360	Load Combinations: AASHTO-VB-A-S	254.5546	4.5460	1.1653	0.0000	17.7782	-13.3573
150	1360	Load Combinations: AASHTO-VB-B-S	344.9259	-0.0091	2.1150	0.0000	67.5367	-19.2803
150	1361	Load Combinations: AASHTO-I	-436.2774	-8.7488	-1.7430	0.0000	8.3215	31.7954
150	1361	Load Combinations: AASHTO-E	-296.4014	0.6093	-1.0851	0.0000	-3.2836	24.0381
150	1361	Load Combinations: AASHTO-BI	-414.8731	-10.8110	-1.5173	0.0000	-15.9539	28.3246
150	1361	Load Combinations: AASHTO-VB-A	-336.5319	-5.9464	-1.5358	0.0000	-24.8028	23.1533
150	1361	Load Combinations: AASHTO-VB-B	-454.2474	1.1686	-2.8219	-0.0001	-66.4528	23.8482
150	1361	Load Combinations: AASHTO-VB-C	-264.9044	-6.9574	-1.2696	0.0001	-25.5365	17.2541

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
150	1361	Load Combinations: AASHTO-VB-D	-382.5746	0.1334	-2.5079	0.0000	-91.4198	17.8583
150	1361	Load Combinations: AASHTO-I-S	-276.7544	-7.3628	-1.0459	0.0000	5.8891	20.4483
150	1361	Load Combinations: AASHTO-B-S	-229.5212	0.6363	-0.8378	0.0000	-2.5153	18.5234
150	1361	Load Combinations: AASHTO-BI-S	-305.3957	-8.4277	-1.0840	0.0000	-12.5429	20.9378
150	1361	Load Combinations: AASHTO-VB-A-S	-258.7559	-4.5490	-1.1673	0.0000	-18.9425	17.9045
150	1361	Load Combinations: AASHTO-VB-B-S	-349.1671	0.0077	-2.1219	0.0000	-69.6549	18.3720
151	1361	Load Combinations: AASHTO-I	436.2837	4.1454	1.5768	0.0000	-8.5215	-31.7954
151	1361	Load Combinations: AASHTO-E	296.4019	-1.9540	0.5611	0.0000	3.2836	-24.0381
151	1361	Load Combinations: AASHTO-BI	414.8800	5.7715	0.1101	0.0000	15.9539	-28.2246
151	1361	Load Combinations: AASHTO-VB-A	336.5362	2.7355	-0.3778	0.0000	24.8028	-23.1533
151	1361	Load Combinations: AASHTO-VB-B	454.2602	-2.1941	-3.3507	0.0000	66.4528	-23.8482
151	1361	Load Combinations: AASHTO-VB-C	264.9085	3.7905	-0.6100	0.0000	25.5365	-17.2541
151	1361	Load Combinations: AASHTO-VB-D	382.3873	-1.1324	-3.8058	0.0000	91.4198	-17.8583
151	1361	Load Combinations: AASHTO-I-S	276.7580	3.8864	0.9453	0.0000	-3.8891	-20.4483
151	1361	Load Combinations: AASHTO-B-S	229.5219	-1.5119	0.4303	0.0000	2.5153	-18.5234
151	1361	Load Combinations: AASHTO-BI-S	305.3713	4.5735	0.0156	0.0000	12.5429	-20.9378
151	1361	Load Combinations: AASHTO-VB-A-S	258.7564	2.0676	-0.2372	0.0000	18.9425	-17.9045
151	1361	Load Combinations: AASHTO-VB-B-S	349.1746	-1.6931	-2.5980	0.0000	69.6549	-18.3720
151	1362	Load Combinations: AASHTO-I	-441.7871	-4.1524	-1.5768	0.0000	4.9449	35.9439
151	1362	Load Combinations: AASHTO-E	-305.9154	1.9518	-0.5618	0.0000	-3.8251	22.0954
151	1362	Load Combinations: AASHTO-BI	-420.1935	-5.7789	-0.1124	0.0000	-16.0648	33.9992
151	1362	Load Combinations: AASHTO-VB-A	-342.0497	-2.7454	0.3745	0.0000	-24.2264	25.8910
151	1362	Load Combinations: AASHTO-VB-B	-459.7737	2.1920	3.3899	0.0000	-67.1076	21.6552
151	1362	Load Combinations: AASHTO-VB-C	-269.0436	-3.7940	0.6078	0.0000	-24.8277	21.0361
151	1362	Load Combinations: AASHTO-VB-D	-386.5234	1.1310	3.5977	0.0000	-67.8182	16.7267
151	1362	Load Combinations: AASHTO-I-S	-280.9991	-3.8864	-0.9453	0.0000	2.9839	24.5964
151	1362	Load Combinations: AASHTO-B-S	-233.7626	1.5106	-0.4306	0.0000	-2.9456	17.0123
151	1362	Load Combinations: AASHTO-BI-S	-309.8125	-4.5778	-0.0170	0.0000	-12.5592	25.5131
151	1362	Load Combinations: AASHTO-VB-A-S	-263.0398	-2.0905	0.2953	0.0000	-18.9462	19.9494
151	1362	Load Combinations: AASHTO-VB-B-S	-353.4157	1.8916	2.5916	0.0000	-67.2804	16.8787
152	1362	Load Combinations: AASHTO-I	441.8026	-0.1930	1.3778	0.0000	-4.9449	-35.9439
152	1362	Load Combinations: AASHTO-E	303.9157	-2.9049	0.0607	0.0000	3.8251	-22.0954
152	1362	Load Combinations: AASHTO-BI	420.2005	1.0172	-1.1717	0.0000	16.0648	-33.9992
152	1362	Load Combinations: AASHTO-VB-A	342.0532	-0.2851	-2.1050	0.0000	24.2264	-25.8910

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
152	1362	Load Combinations: AASHTO-VB-E	459.7839	-3.0802	-8.8050	0.0000	87.1076	-21.6052
152	1362	Load Combinations: AASHTO-VB-C	399.6471	0.7777	-2.3005	0.0000	24.9277	-21.0361
152	1362	Load Combinations: AASHTO-VB-D	396.5318	-2.0059	-6.0526	0.0000	87.8182	-16.7267
152	1362	Load Combinations: AASHTO-I-S	291.0022	0.5499	0.8252	0.0000	-2.9539	-24.3364
152	1362	Load Combinations: AASHTO-B-S	233.7628	-2.2424	0.0465	0.0000	2.9496	-17.0123
152	1362	Load Combinations: AASHTO-IB-E	509.8165	0.8309	-0.9561	0.0000	13.0592	-25.5131
152	1362	Load Combinations: AASHTO-VB-A-E	283.5417	-0.2135	-1.8198	0.0000	18.8462	-19.9604
152	1362	Load Combinations: AASHTO-VB-B-E	353.4213	-2.3554	-6.8090	0.0000	87.0604	-16.6767
152	1363	Load Combinations: AASHTO-I	-447.3161	0.1564	-1.3777	0.0000	3.5674	35.7642
152	1363	Load Combinations: AASHTO-E	-309.4292	2.8329	-8.0815	0.0000	-3.8862	19.1517
152	1363	Load Combinations: AASHTO-IB	-425.7140	-1.8243	1.1695	0.0000	-14.8643	35.2189
152	1363	Load Combinations: AASHTO-VB-A	-347.5667	0.2605	2.1020	0.0000	-22.1231	25.6282
152	1363	Load Combinations: AASHTO-VB-B	-485.2968	3.0583	8.8450	0.0000	-76.2599	18.5963
152	1363	Load Combinations: AASHTO-VB-C	-273.1822	-0.7810	2.2982	0.0000	-22.6285	21.8155
152	1363	Load Combinations: AASHTO-VB-D	-390.6870	2.0046	5.9451	0.0000	-76.7701	14.7217
152	1363	Load Combinations: AASHTO-I-S	-265.2433	-0.5937	-0.8253	0.0000	2.1287	24.8282
152	1363	Load Combinations: AASHTO-B-S	-238.5049	2.2912	-0.0470	0.0000	-2.9924	14.7507
152	1363	Load Combinations: AASHTO-IB-S	-513.8577	-0.9351	0.9548	0.0000	-11.6038	28.4460
152	1363	Load Combinations: AASHTO-VB-A-S	-267.2828	0.2107	1.8180	0.0000	-17.0274	18.7813
152	1363	Load Combinations: AASHTO-VB-B-S	-357.8625	2.3543	6.8031	0.0000	-60.2549	14.3251
153	1363	Load Combinations: AASHTO-I	447.3202	-0.8472	1.1558	0.0000	-3.5674	-35.7642
153	1363	Load Combinations: AASHTO-E	309.4294	-3.8667	-0.3704	0.0000	3.8862	-19.1517
153	1363	Load Combinations: AASHTO-IB	425.7194	-3.0934	-2.2260	0.0000	14.8843	-35.0189
153	1363	Load Combinations: AASHTO-VB-A	347.5693	-2.8267	-5.5670	0.0000	22.1231	-25.6282
153	1363	Load Combinations: AASHTO-VB-B	485.3030	-5.6877	-13.2383	0.0000	76.2599	-18.5963
153	1363	Load Combinations: AASHTO-VB-C	273.1848	-1.8253	-5.6943	0.0000	22.6285	-21.8155
153	1363	Load Combinations: AASHTO-VB-D	390.6731	-2.6794	-13.3818	0.0000	76.7701	-14.7217
153	1363	Load Combinations: AASHTO-I-S	265.2458	-0.2577	0.8917	0.0000	-2.1287	-24.8282
153	1363	Load Combinations: AASHTO-B-S	238.5041	-0.8220	-0.2841	0.0000	2.9924	-14.7507
153	1363	Load Combinations: AASHTO-IB-S	513.8609	-2.2256	-1.7534	0.0000	11.6038	-28.4460
153	1363	Load Combinations: AASHTO-VB-A-S	267.2844	-2.1782	-2.6936	0.0000	17.0274	-19.7813
153	1363	Load Combinations: AASHTO-VB-B-S	357.8661	-2.8353	-10.1648	0.0000	60.2549	-14.3251
153	1364	Load Combinations: AASHTO-I	-462.8357	3.8409	-1.1557	0.0000	2.4119	31.9406
153	1364	Load Combinations: AASHTO-E	-314.9429	3.8948	0.3697	0.0000	-3.5161	15.4862

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
153	1364	Load Combinations: AASHTO-IB	-431.2329	3.0866	2.2240	0.0000	-13.8895	31.9302
153	1364	Load Combinations: AASHTO-VB-A	-353.0829	2.8223	3.5042	0.0000	-18.6178	22.8040
153	1364	Load Combinations: AASHTO-VB-B	-470.8185	5.6960	13.2295	0.0000	-65.0287	14.5099
153	1364	Load Combinations: AASHTO-VB-C	-277.3199	1.8221	5.6622	0.0000	-18.9855	19.9918
153	1364	Load Combinations: AASHTO-VB-D	-394.8082	2.6782	13.3749	0.0000	-65.3930	12.0431
153	1364	Load Combinations: AASHTO-I-S	-269.4699	0.2541	-0.8917	0.0000	1.4370	22.6724
153	1364	Load Combinations: AASHTO-B-S	-242.2453	0.8209	0.2837	0.0000	-2.7085	11.8294
153	1364	Load Combinations: AASHTO-IB-S	-518.1020	2.2217	1.7522	0.0000	-9.8511	24.2326
153	1364	Load Combinations: AASHTO-VB-A-S	-271.5205	2.1756	2.6919	0.0000	-14.3348	17.6040
153	1364	Load Combinations: AASHTO-VB-B-S	-361.9073	2.8343	10.1586	0.0000	-50.0945	11.4905
154	1364	Load Combinations: AASHTO-I	462.8366	-6.9000	0.9218	0.0000	-2.4119	-31.9406
154	1364	Load Combinations: AASHTO-E	314.9430	-4.0731	-0.6871	0.0000	3.5161	-15.4862
154	1364	Load Combinations: AASHTO-IB	431.2398	-6.2243	-2.9590	0.0000	12.8695	-31.9302
154	1364	Load Combinations: AASHTO-VB-A	353.0845	-4.7358	-4.4583	0.0000	18.6178	-22.8040
154	1364	Load Combinations: AASHTO-VB-B	470.8194	-4.0079	-16.0885	0.0000	65.0287	-14.5099
154	1364	Load Combinations: AASHTO-VB-C	277.3216	-3.8182	-4.5767	0.0000	18.9655	-19.9918
154	1364	Load Combinations: AASHTO-VB-D	394.8111	-3.0565	-16.1863	0.0000	65.3830	-12.0431
154	1364	Load Combinations: AASHTO-I-S	269.4696	-6.4249	0.5512	0.0000	-1.4370	-22.6724
154	1364	Load Combinations: AASHTO-B-S	242.2453	-3.1329	-0.5348	0.0000	2.7085	-11.8294
154	1364	Load Combinations: AASHTO-IB-S	518.1042	-4.6405	-2.3054	0.0000	9.8511	-24.2326
154	1364	Load Combinations: AASHTO-VB-A-S	271.5285	-3.8436	-3.4213	0.0000	14.3348	-17.6045
154	1364	Load Combinations: AASHTO-VB-B-S	361.9090	-3.0804	-12.3488	0.0000	50.0945	-11.4905
154	1365	Load Combinations: AASHTO-I	-468.3500	6.5940	-0.5019	0.0000	1.4901	25.3443
154	1365	Load Combinations: AASHTO-E	-320.4695	4.0714	0.8964	0.0000	-2.8194	11.4143
154	1365	Load Combinations: AASHTO-IB	-436.7501	6.2179	2.9071	0.0000	-8.7118	25.7087
154	1365	Load Combinations: AASHTO-VB-A	-358.5980	4.7319	4.4536	0.0000	-14.1632	18.0707
154	1365	Load Combinations: AASHTO-VB-B	-476.3329	4.0063	16.0796	0.0000	-48.3444	10.9033
154	1365	Load Combinations: AASHTO-VB-C	-281.4598	3.8152	4.5748	0.0000	-14.3901	16.1754
154	1365	Load Combinations: AASHTO-VB-D	-398.8492	3.0854	16.1706	0.0000	-48.2114	8.3574
154	1365	Load Combinations: AASHTO-I-S	-293.7298	6.4215	-0.5513	0.0000	0.8858	18.2495
154	1365	Load Combinations: AASHTO-B-S	-246.4895	3.1318	0.5344	0.0000	-2.1739	8.7975
154	1365	Load Combinations: AASHTO-IB-S	-522.3453	4.6368	2.3043	0.0000	-7.5464	19.5843
154	1365	Load Combinations: AASHTO-VB-A-S	-275.7677	3.8411	3.4199	0.0000	-10.9145	13.9624
154	1365	Load Combinations: AASHTO-VB-B-S	-366.1501	3.0795	12.3436	0.0000	-37.7482	8.4106

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
155	1365	Load Combinations: AASHTO-I	458.3513	-8.1344	0.6874	0.0000	-1.4901	-25.3443
155	1365	Load Combinations: AASHTO-II	320.4564	-4.0946	-0.5962	0.0000	2.9194	-11.4143
155	1365	Load Combinations: AASHTO-III	436.7519	-8.0810	-3.2837	0.0000	9.7119	-25.7057
155	1365	Load Combinations: AASHTO-VB-A	358.5867	-5.7931	-4.8351	0.0000	14.1632	-19.0707
155	1365	Load Combinations: AASHTO-VB-B	476.3328	-3.9588	-17.0255	0.0000	48.9444	-10.9055
155	1365	Load Combinations: AASHTO-VB-C	291.4575	-5.0040	-4.8226	0.0000	14.3601	-16.1754
155	1365	Load Combinations: AASHTO-VB-D	398.9461	-3.1662	-17.0806	0.0000	49.2114	-8.9574
155	1365	Load Combinations: AASHTO-II-S	283.7306	-5.6949	0.4105	0.0000	-0.5858	-18.2466
155	1365	Load Combinations: AASHTO-II-S	346.4864	-3.1411	-0.5804	0.0000	2.1739	-6.7675
155	1365	Load Combinations: AASHTO-III-S	522.5464	-6.0745	-2.5463	0.0000	7.5464	-18.5943
155	1365	Load Combinations: AASHTO-VB-A-S	275.7681	-4.4575	-5.7132	0.0000	10.9145	-13.9624
155	1365	Load Combinations: AASHTO-VB-B-S	399.1501	-3.0432	-13.0741	0.0000	37.7462	-8.4109
155	1366	Load Combinations: AASHTO-I	-463.8647	8.1287	-0.6875	0.0000	0.8029	17.2136
155	1366	Load Combinations: AASHTO-II	-325.9699	4.0830	0.6955	0.0000	-1.9337	7.3308
155	1366	Load Combinations: AASHTO-III	-442.2654	8.0048	3.3819	0.0000	-6.4294	17.9526
155	1366	Load Combinations: AASHTO-VB-A	-364.1122	5.7881	4.8326	0.0000	-8.3268	12.2801
155	1366	Load Combinations: AASHTO-VB-B	-481.8463	3.9570	17.0172	0.0000	-31.9250	6.9460
155	1366	Load Combinations: AASHTO-VB-C	-285.5826	5.0011	4.8207	0.0000	-9.4668	11.1732
155	1366	Load Combinations: AASHTO-VB-D	-403.0812	3.1661	17.0845	0.0000	-32.1255	5.7921
155	1366	Load Combinations: AASHTO-II-S	-297.9718	5.6916	-0.4106	0.0000	0.4753	12.5967
155	1366	Load Combinations: AASHTO-II-S	-350.7278	3.1401	0.5800	0.0000	-1.4938	5.8571
155	1366	Load Combinations: AASHTO-III-S	-526.5876	6.0708	2.5462	0.0000	-5.0009	13.5121
155	1366	Load Combinations: AASHTO-VB-A-S	-280.0093	4.4551	5.7118	0.0000	-7.2023	8.5064
155	1366	Load Combinations: AASHTO-VB-B-S	-370.3912	3.0423	13.0692	0.0000	-24.6787	5.3983
156	1366	Load Combinations: AASHTO-I	463.8646	-8.1722	0.4629	0.0000	-0.5028	-17.2136
156	1366	Load Combinations: AASHTO-II	325.9697	-3.8332	-0.9057	0.0000	1.9337	-7.3308
156	1366	Load Combinations: AASHTO-III	442.2653	-8.2987	-3.1154	0.0000	6.4294	-17.9526
156	1366	Load Combinations: AASHTO-VB-A	364.1118	-5.8095	-4.5289	0.0000	8.3298	-12.2801
156	1366	Load Combinations: AASHTO-VB-B	481.8453	-3.4785	-15.6792	0.0000	31.9250	-6.9460
156	1366	Load Combinations: AASHTO-VB-C	285.5824	-5.1920	-4.5896	0.0000	9.4668	-11.1732
156	1366	Load Combinations: AASHTO-VB-D	403.0782	-2.8598	-15.7293	0.0000	32.1255	-5.7921
156	1366	Load Combinations: AASHTO-II-S	297.9718	-5.8578	0.2758	0.0000	-0.4753	-12.5967
156	1366	Load Combinations: AASHTO-II-S	250.7275	-2.7955	-0.6964	0.0000	1.4938	-5.8571
156	1366	Load Combinations: AASHTO-III-S	326.5876	-6.2955	-2.4121	0.0000	5.0009	-13.5121

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
156	1366	Load Combinations: AASHTO-VB-A-S	280.0090	-4.4723	-5.4819	0.0000	7.2023	-8.5064
156	1366	Load Combinations: AASHTO-VB-B-S	370.3895	-2.8772	-12.0576	0.0000	24.6787	-5.3983
156	1367	Load Combinations: AASHTO-I	-469.5781	8.1868	-0.4630	0.0000	0.5399	9.0451
156	1367	Load Combinations: AASHTO-II	-331.4832	3.8316	0.9051	0.0000	-1.9283	3.8967
156	1367	Load Combinations: AASHTO-III	-447.7788	8.2926	3.1138	0.0000	-5.3152	9.3578
156	1367	Load Combinations: AASHTO-VB-A	-369.6253	5.8016	4.5288	0.0000	-4.6024	6.4770
156	1367	Load Combinations: AASHTO-VB-B	-487.3568	3.4771	15.6713	0.0000	-18.2515	3.4696
156	1367	Load Combinations: AASHTO-VB-C	-289.7276	5.1882	4.5878	0.0000	-4.8804	5.8829
156	1367	Load Combinations: AASHTO-VB-D	-407.2133	2.8579	15.7234	0.0000	-16.4007	2.8340
156	1367	Load Combinations: AASHTO-II-S	-302.2129	5.8544	-0.2758	0.0000	0.1995	6.7011
156	1367	Load Combinations: AASHTO-II-S	-254.9686	2.7946	0.6960	0.0000	-0.7976	2.8621
156	1367	Load Combinations: AASHTO-III-S	-330.8267	6.2919	2.4110	0.0000	-2.5895	7.2188
156	1367	Load Combinations: AASHTO-VB-A-S	-284.2502	4.4700	5.4808	0.0000	-3.7213	5.0356
156	1367	Load Combinations: AASHTO-VB-B-S	-374.6306	2.8763	12.0529	0.0000	-12.6245	2.6918
157	1367	Load Combinations: AASHTO-I	469.5782	-8.4318	0.2581	0.0000	-0.3399	-9.0451
157	1367	Load Combinations: AASHTO-II	331.4828	-2.6480	-0.7234	0.0000	1.0283	-3.8967
157	1367	Load Combinations: AASHTO-III	447.7766	-6.6299	-2.3677	0.0000	3.3152	-9.3578
157	1367	Load Combinations: AASHTO-VB-A	369.6239	-4.5773	-3.4204	0.0000	4.8024	-6.4770
157	1367	Load Combinations: AASHTO-VB-B	487.3504	-2.5042	-11.8695	0.0000	16.2515	-3.4696
157	1367	Load Combinations: AASHTO-VB-C	289.7263	-4.1696	-3.4628	0.0000	4.8804	-5.8829
157	1367	Load Combinations: AASHTO-VB-D	407.2072	-2.1029	-11.7265	0.0000	16.4007	-2.8340
157	1367	Load Combinations: AASHTO-II-S	302.2120	-4.7009	0.1527	0.0000	-0.1995	-6.7011
157	1367	Load Combinations: AASHTO-II-S	254.9684	-2.0419	-0.5362	0.0000	0.7976	-2.8621
157	1367	Load Combinations: AASHTO-III-S	330.8275	-5.0696	-1.8375	0.0000	2.5895	-7.2189
157	1367	Load Combinations: AASHTO-VB-A-S	284.2493	-3.5365	-2.6376	0.0000	3.7213	-5.0356
157	1367	Load Combinations: AASHTO-VB-B-S	374.6299	-1.9336	-9.0095	0.0000	12.6245	-2.6918
157	1368	Load Combinations: AASHTO-I	-474.8697	6.4263	-0.2582	0.0000	0.0618	2.6169
157	1368	Load Combinations: AASHTO-II	-336.8664	2.6465	0.7228	0.0000	-0.3053	1.0516
157	1368	Load Combinations: AASHTO-III	-453.2801	6.6239	2.3660	0.0000	-0.9486	2.7316
157	1368	Load Combinations: AASHTO-VB-A	-375.1374	4.5735	3.4180	0.0000	-1.3839	1.9020
157	1368	Load Combinations: AASHTO-VB-B	-492.9636	2.5028	11.8617	0.0000	-4.5872	0.9953
157	1368	Load Combinations: AASHTO-VB-C	-293.8614	4.1668	3.4610	0.0000	-1.4187	1.7950
157	1368	Load Combinations: AASHTO-VB-D	-411.5423	2.1020	11.7208	0.0000	-4.6762	0.8317
157	1368	Load Combinations: AASHTO-II-S	-306.4631	4.6977	-0.1526	0.0000	0.0467	2.0021

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-lbs)	Force Y (tn-lbs)	Force Z (tn-lbs)	Moment X (tn-lbs-m)	Moment Y (tn-lbs-m)	Moment Z (tn-lbs-m)
157	1368	Load Combinations: AASHTO-IB-S	-259.2096	2.0410	0.0078	0.0000	-0.2397	0.8208
157	1368	Load Combinations: AASHTO-IB-S	-335.0666	5.0661	1.8364	0.0000	-0.7027	2.1514
157	1368	Load Combinations: AASHTO-VB-A-S	-298.4905	3.5362	2.6362	0.0000	-1.0846	1.4985
157	1368	Load Combinations: AASHTO-VB-B-S	-378.9681	1.9327	9.0049	0.0000	-3.6181	0.7589
158	1368	Load Combinations: AASHTO-I	474.6859	-2.6188	0.0817	0.0000	-0.0819	-2.6188
158	1368	Load Combinations: AASHTO-II	336.9859	-1.0525	-0.3056	0.0000	0.3053	-1.0516
158	1368	Load Combinations: AASHTO-IB	453.2854	-2.7349	-0.9496	0.0000	0.9486	-2.7316
158	1368	Load Combinations: AASHTO-VB-A	375.1347	-1.3041	-1.3649	0.0000	1.3636	-1.3020
158	1368	Load Combinations: AASHTO-VB-B	462.8535	-0.9661	-4.5917	0.0000	4.5872	-0.9653
158	1368	Load Combinations: AASHTO-VB-C	293.5589	-1.7995	-1.4197	0.0000	1.4187	-1.7970
158	1368	Load Combinations: AASHTO-VB-D	411.3321	-0.8323	-4.6815	0.0000	4.6782	-0.8317
158	1368	Load Combinations: AASHTO-I-S	306.4511	-2.0039	0.0467	0.0000	-0.0467	-2.0021
158	1368	Load Combinations: AASHTO-II-S	259.2093	-0.8213	-0.2390	0.0000	0.2387	-0.8208
158	1368	Load Combinations: AASHTO-IB-S	335.0660	-2.1534	-0.7533	0.0000	0.7527	-2.1514
158	1368	Load Combinations: AASHTO-VB-A-S	298.4899	-1.4997	-1.3853	0.0000	1.3846	-1.4985
158	1368	Load Combinations: AASHTO-VB-B-S	378.9620	-0.7585	-3.8207	0.0000	3.8181	-0.7589
158	1369	Load Combinations: AASHTO-I	-460.5894	2.6143	-0.0818	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-II	-342.5094	1.0010	0.3050	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-IB	-459.7969	2.7269	0.9478	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-A	-380.6482	1.3003	1.3620	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-B	-468.3670	0.9648	4.5839	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-C	-297.9840	1.7937	1.4179	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-D	-415.4673	0.8314	4.6758	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-I-S	-310.6923	2.0007	-0.0468	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-II-S	-263.4504	0.8205	0.2390	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-IB-S	-339.3071	2.1499	0.7529	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-A-S	-292.7300	1.4970	1.3839	0.0000	0.0000	0.0000
158	1369	Load Combinations: AASHTO-VB-B-S	-383.1032	0.7580	3.8181	0.0000	0.0000	0.0000
159	964	Load Combinations: AASHTO-I	553.1345	28.5295	-0.3997	-0.0003	43.3649	110.0132
159	964	Load Combinations: AASHTO-II	317.3737	8.1325	-1.8127	-0.0001	27.9001	23.7394
159	964	Load Combinations: AASHTO-IB	455.4628	31.8798	-2.1711	-0.0006	46.3269	118.9252
159	964	Load Combinations: AASHTO-VB-A	311.3594	19.8202	2.9159	-0.0003	26.9071	68.3060
159	964	Load Combinations: AASHTO-VB-B	155.3025	7.3952	17.7220	-0.0004	56.2024	20.3996
159	964	Load Combinations: AASHTO-VB-C	233.0298	19.2282	0.5478	-0.0003	31.2159	68.7227

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-lbs)	Force Y (tn-lbs)	Force Z (tn-lbs)	Moment X (tn-lbs-m)	Moment Y (tn-lbs-m)	Moment Z (tn-lbs-m)
159	964	Load Combinations: AASHTO-VB-D	77.0298	6.8089	18.2968	-0.0003	53.0401	19.9929
159	964	Load Combinations: AASHTO-I-S	557.5082	21.8196	-3.4158	-0.0001	27.3568	80.4485
159	964	Load Combinations: AASHTO-II-S	244.1382	6.2390	-1.2584	0.0000	21.2863	18.1303
159	964	Load Combinations: AASHTO-IB-S	334.8320	24.2779	-0.0239	-0.0003	34.4597	90.1129
159	964	Load Combinations: AASHTO-VB-A-S	239.5324	15.2132	2.1922	-0.0002	26.5891	53.0395
159	964	Load Combinations: AASHTO-VB-B-S	119.7051	5.6564	13.5058	-0.0002	45.2699	15.5574
159	1370	Load Combinations: AASHTO-I	-558.6479	-29.5091	5.3965	0.0003	-36.4665	-80.5108
159	1370	Load Combinations: AASHTO-II	-322.8672	-8.1346	1.6109	0.0001	-25.9685	-15.9037
159	1370	Load Combinations: AASHTO-IB	-461.0063	-31.8858	0.1667	0.0006	-46.1580	-67.0459
159	1370	Load Combinations: AASHTO-VB-A	-316.5729	-19.8249	-2.8211	0.0003	-26.8253	-49.4653
159	1370	Load Combinations: AASHTO-VB-B	-160.8159	-7.3873	-17.7373	0.0004	-75.9314	-13.0157
159	1370	Load Combinations: AASHTO-VB-C	-237.1639	-19.2321	-3.5915	0.0003	-34.8054	-46.4931
159	1370	Load Combinations: AASHTO-VB-D	-81.8649	-6.8102	-18.2779	0.0003	-71.3210	-13.1835
159	1370	Load Combinations: AASHTO-I-S	-561.8493	-21.8228	3.4149	0.0001	-24.1418	-58.6282
159	1370	Load Combinations: AASHTO-II-S	-246.5783	-6.2402	1.2574	0.0000	-20.0295	-11.8911
159	1370	Load Combinations: AASHTO-IB-S	-339.0732	-24.2814	0.0214	0.0003	-34.4371	-65.8352
159	1370	Load Combinations: AASHTO-VB-A-S	-243.5736	-15.2156	-2.1953	0.0002	-30.7629	-37.8250
159	1370	Load Combinations: AASHTO-VB-B-S	-123.9483	-5.6576	-13.5145	0.0002	-58.7795	-9.9006
160	1370	Load Combinations: AASHTO-I	558.8457	27.7565	-5.3991	-0.0002	36.4665	80.5108
160	1370	Load Combinations: AASHTO-II	322.8672	7.9587	-1.8003	-0.0001	25.9685	15.9037
160	1370	Load Combinations: AASHTO-IB	461.0044	29.9837	-0.7700	-0.0005	46.1580	67.0459
160	1370	Load Combinations: AASHTO-VB-A	316.5732	18.5721	2.1129	-0.0003	26.8253	49.4653
160	1370	Load Combinations: AASHTO-VB-B	160.8203	6.9465	15.0401	-0.0003	75.9314	13.0157
160	1370	Load Combinations: AASHTO-VB-C	237.1641	18.0236	2.7988	-0.0003	34.8054	46.4931
160	1370	Load Combinations: AASHTO-VB-D	81.8742	6.3263	15.5975	-0.0003	71.3210	13.1835
160	1370	Load Combinations: AASHTO-I-S	561.8482	25.5030	-5.4073	-0.0001	24.1418	58.6282
160	1370	Load Combinations: AASHTO-II-S	246.5783	5.7967	-1.4000	0.0000	20.0295	11.8911
160	1370	Load Combinations: AASHTO-IB-S	339.0721	22.8193	-0.4791	-0.0003	34.4371	65.8352
160	1370	Load Combinations: AASHTO-VB-A-S	243.5737	14.2501	1.5764	-0.0002	30.7630	37.8250
160	1370	Load Combinations: AASHTO-VB-B-S	123.9618	5.2428	11.4511	-0.0002	58.7795	9.9006
160	1371	Load Combinations: AASHTO-I	-564.1592	-27.7628	5.3982	0.0002	-33.0686	-52.7548
160	1371	Load Combinations: AASHTO-II	-326.4007	-7.5609	1.7967	0.0001	-24.1991	-8.0445
160	1371	Load Combinations: AASHTO-IB	-466.5179	-29.9905	0.7990	0.0005	-45.3901	-57.0821
160	1371	Load Combinations: AASHTO-VB-A	-322.0867	-18.5767	-2.1173	0.0003	-41.9401	-30.9123

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
160	1371	Load Combinations: AASHTO-VB-B	-168.3386	-6.8467	-15.0547	0.0003	-90.9782	-6.1863
160	1371	Load Combinations: AASHTO-VB-C	-241.2992	-16.0368	-2.7923	0.0003	-37.5958	-31.4599
160	1371	Load Combinations: AASHTO-VB-D	-85.8093	-6.3278	-15.8883	0.0003	-86.9236	-6.8566
160	1371	Load Combinations: AASHTO-I-S	-366.0693	-20.5066	3.4069	0.0001	-20.7349	-36.1261
160	1371	Load Combinations: AASHTO-II-S	-252.8205	-5.7981	1.3961	0.0000	-18.6291	-6.0940
160	1371	Load Combinations: AASHTO-III-S	-343.3132	-22.8233	0.4736	0.0003	-33.9621	-43.0158
160	1371	Load Combinations: AASHTO-VB-A-S	-247.8149	-14.2528	-1.5822	0.0002	-32.3637	-23.5744
160	1371	Load Combinations: AASHTO-VB-B-S	-128.1529	-5.3438	-11.4587	0.0002	-70.2346	-4.6575
161	1371	Load Combinations: AASHTO-I	564.1605	24.5201	-5.3060	-0.0002	33.0699	52.7548
161	1371	Load Combinations: AASHTO-II	338.4010	8.5289	-2.0736	0.0000	24.1891	8.0445
161	1371	Load Combinations: AASHTO-III	466.5203	28.4871	-1.7089	-0.0004	45.3891	57.0821
161	1371	Load Combinations: AASHTO-VB-A	322.3899	16.3011	0.7963	-0.0003	41.9401	30.9123
161	1371	Load Combinations: AASHTO-VB-B	186.3527	5.8875	10.5181	-0.0003	90.9782	6.1863
161	1371	Load Combinations: AASHTO-VB-C	241.3013	19.8614	1.4879	-0.0002	37.5958	31.4599
161	1371	Load Combinations: AASHTO-VB-D	85.8230	5.4671	11.0874	-0.0003	86.9236	6.8566
161	1371	Load Combinations: AASHTO-I-S	366.0901	18.0901	-3.3423	-0.0001	20.7349	36.1261
161	1371	Load Combinations: AASHTO-II-S	252.8207	5.0053	-1.6071	0.0000	18.6291	6.0940
161	1371	Load Combinations: AASHTO-III-S	343.3146	20.1469	-1.1309	-0.0002	33.9621	43.0158
161	1371	Load Combinations: AASHTO-VB-A-S	247.8162	12.5040	0.5742	-0.0001	32.3637	23.5744
161	1371	Load Combinations: AASHTO-VB-B-S	128.2011	4.5070	7.9885	-0.0001	70.2346	4.6575
161	1372	Load Combinations: AASHTO-I	-569.6740	-24.5269	5.3053	0.0002	-27.7837	-28.2348
161	1372	Load Combinations: AASHTO-II	-353.9145	-8.5312	2.0732	0.0000	-22.1164	-1.5149
161	1372	Load Combinations: AASHTO-III	-472.0338	-26.4944	1.7053	0.0004	-43.6832	-30.5743
161	1372	Load Combinations: AASHTO-VB-A	-327.8024	-16.3060	-0.8007	0.0003	-42.7386	-14.6100
161	1372	Load Combinations: AASHTO-VB-B	-171.8662	-5.8897	-10.5319	0.0003	-101.5028	-0.2790
161	1372	Load Combinations: AASHTO-VB-C	-245.4064	-15.8649	-1.4711	0.0002	-39.0952	-15.5967
161	1372	Load Combinations: AASHTO-VB-D	-89.9581	-5.4685	-11.0876	0.0003	-86.0159	-1.3889
161	1372	Load Combinations: AASHTO-I-S	-370.3313	-18.0940	3.3419	0.0001	-17.3831	-20.0356
161	1372	Load Combinations: AASHTO-II-S	-256.8618	-5.0067	1.6063	0.0000	-17.0225	-1.0883
161	1372	Load Combinations: AASHTO-III-S	-347.5558	-20.1512	1.1969	0.0002	-32.7724	-22.8884
161	1372	Load Combinations: AASHTO-VB-A-S	-252.0574	-12.5068	-0.5798	0.0001	-32.9391	-11.0897
161	1372	Load Combinations: AASHTO-VB-B-S	-132.4423	-4.5083	-7.9998	0.0001	-76.2369	-0.1500
162	1372	Load Combinations: AASHTO-I	569.6781	20.2021	-5.0944	-0.0001	27.7837	28.2348
162	1372	Load Combinations: AASHTO-II	333.8151	5.1822	-2.3627	0.0000	22.1164	1.5149

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
162	1372	Load Combinations: AASHTO-III	472.0394	21.8283	-2.7963	-0.0003	43.6832	30.5743
162	1372	Load Combinations: AASHTO-VB-A	327.8060	13.2975	-0.7899	-0.0002	42.7386	14.6100
162	1372	Load Combinations: AASHTO-VB-B	171.8815	4.6388	4.8295	-0.0002	101.5028	0.2779
162	1372	Load Combinations: AASHTO-VB-C	245.4097	12.8869	-0.1367	-0.0002	39.0952	15.5967
162	1372	Load Combinations: AASHTO-VB-D	89.9732	4.3459	5.4967	-0.0002	86.0159	1.3889
162	1372	Load Combinations: AASHTO-I-S	370.3336	14.6833	-3.2039	-0.0001	17.3831	20.0356
162	1372	Load Combinations: AASHTO-II-S	256.8622	3.9715	-1.8263	0.0000	17.0225	1.0883
162	1372	Load Combinations: AASHTO-III-S	347.5591	16.5844	-2.0225	-0.0002	32.7724	22.8884
162	1372	Load Combinations: AASHTO-VB-A-S	252.0594	10.1973	-0.6372	-0.0001	32.9391	11.0897
162	1372	Load Combinations: AASHTO-VB-B-S	132.4612	3.5487	3.7075	-0.0001	76.2369	0.1500
162	1373	Load Combinations: AASHTO-I	-575.1916	-20.2092	5.0940	0.0001	-22.8702	-8.0317
162	1373	Load Combinations: AASHTO-II	-339.4286	-5.1946	2.3616	0.0000	-19.7544	3.6680
162	1373	Load Combinations: AASHTO-III	-477.5529	-21.8359	2.7952	0.0003	-40.8856	-8.7446
162	1373	Load Combinations: AASHTO-VB-A	-333.1194	-13.3025	0.7959	0.0002	-41.9506	-1.3110
162	1373	Load Combinations: AASHTO-VB-B	-177.3849	-4.6410	-4.8383	0.0002	-106.4344	4.3015
162	1373	Load Combinations: AASHTO-VB-C	-249.5749	-12.9905	0.1338	0.0002	-36.9300	-2.5068
162	1373	Load Combinations: AASHTO-VB-D	-94.1063	-4.3474	-5.5062	0.0002	-103.5192	2.9577
162	1373	Load Combinations: AASHTO-I-S	-374.5748	-14.8879	3.2037	0.0001	-14.1886	-5.1517
162	1373	Load Combinations: AASHTO-II-S	-261.1033	-3.9729	1.8257	0.0000	-15.1966	2.8836
162	1373	Load Combinations: AASHTO-III-S	-351.8602	-16.5888	2.0206	0.0002	-30.7510	-6.2732
162	1373	Load Combinations: AASHTO-VB-A-S	-256.3006	-10.2005	0.6349	0.0001	-32.3031	-0.8716
162	1373	Load Combinations: AASHTO-VB-B-S	-136.8924	-3.5510	-3.7150	0.0001	-81.8360	3.4002
163	1373	Load Combinations: AASHTO-I	575.1916	19.2272	-4.7594	-0.0001	22.8702	8.0317
163	1373	Load Combinations: AASHTO-II	339.4282	3.6571	-2.8154	0.0000	19.7544	-3.6680
163	1373	Load Combinations: AASHTO-III	477.5603	16.4836	-3.8754	-0.0002	40.8856	8.7446
163	1373	Load Combinations: AASHTO-VB-A	333.1236	9.8087	-2.4577	-0.0001	41.9508	1.3110
163	1373	Load Combinations: AASHTO-VB-B	177.4092	3.2295	-1.0534	-0.0002	106.4344	-4.3015
163	1373	Load Combinations: AASHTO-VB-C	249.5787	9.6922	-1.8185	-0.0001	36.9300	2.5068
163	1373	Load Combinations: AASHTO-VB-D	94.1224	3.0773	-0.4887	-0.0002	103.5192	-2.9577
163	1373	Load Combinations: AASHTO-I-S	574.5781	11.1961	-2.9894	0.0000	14.1886	5.1517
163	1373	Load Combinations: AASHTO-II-S	261.1037	2.9013	-2.0175	0.0000	15.1966	-2.8836
163	1373	Load Combinations: AASHTO-III-S	351.8046	12.5080	-2.8514	-0.0001	30.7510	6.2732
163	1373	Load Combinations: AASHTO-VB-A-S	256.3030	7.5581	-1.8955	-0.0001	32.3031	0.8716
163	1373	Load Combinations: AASHTO-VB-B-S	136.7007	2.4686	-0.9679	-0.0001	81.8360	-3.4002

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
163	1374	Load Combinations: AASHTO-I	-580.7111	-15.2345	4.7093	0.0001	-17.3115	7.1969
163	1374	Load Combinations: AASHTO-II	-344.9427	-3.6594	2.6140	0.0000	-17.1997	7.3260
163	1374	Load Combinations: AASHTO-III	-463.0736	-16.4713	3.8727	0.0002	-37.0152	7.7209
163	1374	Load Combinations: AASHTO-VB-A	-338.0371	-8.8638	2.4341	0.0001	-39.5150	8.5495
163	1374	Load Combinations: AASHTO-VB-B	-182.9227	-3.2317	1.0417	0.0002	-105.3669	7.5822
163	1374	Load Combinations: AASHTO-VB-C	-253.7136	-9.6957	1.8158	0.0001	-37.1129	7.0646
163	1374	Load Combinations: AASHTO-VB-D	-96.2575	-3.0798	0.4799	0.0002	-103.0350	8.0357
163	1374	Load Combinations: AASHTO-I-S	-579.8193	-11.2001	3.9993	0.0000	-11.2008	6.0454
163	1374	Load Combinations: AASHTO-II-S	-265.3448	-2.8026	2.0169	0.0000	-13.1795	5.6654
163	1374	Load Combinations: AASHTO-III-S	-356.0457	-12.5125	2.8466	0.0001	-27.9007	6.2360
163	1374	Load Combinations: AASHTO-VB-A-S	-260.5442	-7.5410	1.8653	0.0001	-30.4086	6.6875
163	1374	Load Combinations: AASHTO-VB-B-S	-140.9418	-2.4709	0.8029	0.0001	-81.0737	5.8704
164	1374	Load Combinations: AASHTO-I	580.7178	10.0152	-4.3118	-0.0001	17.9115	-7.1969
164	1374	Load Combinations: AASHTO-II	344.9453	2.6563	-2.7596	0.0000	17.1997	-7.3260
164	1374	Load Combinations: AASHTO-III	463.0819	10.8441	-4.6210	-0.0002	37.0152	-7.7210
164	1374	Load Combinations: AASHTO-VB-A	338.0411	6.2760	-3.8726	-0.0001	39.5150	-8.5495
164	1374	Load Combinations: AASHTO-VB-B	182.9343	1.7823	-0.8232	-0.0001	105.3669	-7.5822
164	1374	Load Combinations: AASHTO-VB-C	253.7177	6.2541	-3.4023	-0.0001	37.1129	-7.0646
164	1374	Load Combinations: AASHTO-VB-D	96.2582	1.7706	-0.2917	-0.0001	103.0350	-8.0357
164	1374	Load Combinations: AASHTO-I-S	579.8230	7.3580	-2.7093	0.0000	11.2008	-6.0454
164	1374	Load Combinations: AASHTO-II-S	265.3452	1.5963	-2.1517	0.0000	13.1795	-5.6654
164	1374	Load Combinations: AASHTO-III-S	356.0504	8.2301	-3.5818	-0.0001	27.9007	-6.2360
164	1374	Load Combinations: AASHTO-VB-A-S	260.5466	4.8091	-3.0668	-0.0001	30.4086	-6.6875
164	1374	Load Combinations: AASHTO-VB-B-S	140.9487	1.3907	-0.2916	-0.0001	81.0737	-5.8704
164	1375	Load Combinations: AASHTO-I	-586.2313	-10.0222	4.3118	0.0001	-13.8003	17.2143
164	1375	Load Combinations: AASHTO-II	-350.4568	-2.0665	2.7929	0.0000	-14.3466	8.4132
164	1375	Load Combinations: AASHTO-III	-468.5954	-10.8516	4.6187	0.0002	-32.1958	18.5676
164	1375	Load Combinations: AASHTO-VB-A	-344.1546	-6.2809	3.9694	0.0001	-35.5444	14.8274
164	1375	Load Combinations: AASHTO-VB-B	-188.4478	-1.7844	0.8124	0.0001	-98.5894	9.3755
164	1375	Load Combinations: AASHTO-VB-C	-257.8528	-6.2578	3.3899	0.0001	-33.7120	13.3400
164	1375	Load Combinations: AASHTO-VB-D	-102.4645	-1.7720	0.2757	0.0001	-96.7574	7.8069
164	1375	Load Combinations: AASHTO-I-S	-383.0841	-7.3420	2.7093	0.0000	-8.4955	13.3948
164	1375	Load Combinations: AASHTO-II-S	-269.5864	-1.5977	2.1512	0.0000	-11.0282	7.2621
164	1375	Load Combinations: AASHTO-III-S	-360.2916	-8.2345	3.5804	0.0001	-24.3196	14.4676

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
164	1375	Load Combinations: AASHTO-VB-A-S	-264.7877	-4.8120	3.0650	0.0001	-27.3491	11.4978
164	1375	Load Combinations: AASHTO-VB-B-S	-145.1898	-1.3618	5.2754	0.0001	-75.7952	7.2318
165	1375	Load Combinations: AASHTO-I	586.2378	4.9679	-5.7727	0.0000	13.8003	-17.2143
165	1375	Load Combinations: AASHTO-II	350.4574	0.5934	-2.8714	0.0000	14.3466	-8.4132
165	1375	Load Combinations: AASHTO-III	468.5931	5.4009	-5.5347	-0.0001	32.1959	-18.5676
165	1375	Load Combinations: AASHTO-VB-A	344.1582	2.8251	-5.3497	-0.0001	35.5444	-14.8274
165	1375	Load Combinations: AASHTO-VB-B	188.4562	0.4112	-11.8731	-0.0001	98.5894	-9.3755
165	1375	Load Combinations: AASHTO-VB-C	257.8563	2.8357	-4.7419	-0.0001	33.7120	-13.3400
165	1375	Load Combinations: AASHTO-VB-D	102.4126	0.5277	-11.3708	-0.0001	96.7574	-7.8069
165	1375	Load Combinations: AASHTO-I-S	383.0677	3.6044	-2.3647	0.0000	8.4955	-13.3948
165	1375	Load Combinations: AASHTO-II-S	269.5867	0.4512	-2.2090	0.0000	11.0282	-7.2623
165	1375	Load Combinations: AASHTO-III-S	360.2960	4.0674	-4.1383	-0.0001	24.3196	-14.4676
165	1375	Load Combinations: AASHTO-VB-A-S	264.7898	2.1618	-4.5411	0.0000	27.3491	-11.4978
165	1375	Load Combinations: AASHTO-VB-B-S	145.1947	0.3101	-9.1436	0.0000	75.7952	-7.2318
163	1376	Load Combinations: AASHTO-I	-591.7513	-4.8748	3.7728	0.0000	-8.8281	22.1849
163	1376	Load Combinations: AASHTO-II	-355.8709	-0.5856	2.8708	0.0000	-11.4758	10.0077
163	1376	Load Combinations: AASHTO-III	-484.1165	-5.4083	5.5326	0.0001	-26.8629	23.9715
167	1376	Load Combinations: AASHTO-VB-A	-349.6717	-2.8299	5.2468	0.0001	-30.2998	17.8546
165	1376	Load Combinations: AASHTO-VB-B	-193.8697	-0.4132	11.8932	0.0001	-86.7018	9.7877
165	1376	Load Combinations: AASHTO-VB-C	-261.9913	-2.8391	4.7398	0.0001	-28.9714	16.2772
165	1376	Load Combinations: AASHTO-VB-D	-106.5479	-0.5291	11.3834	0.0001	-85.3906	8.3353
165	1376	Load Combinations: AASHTO-I-S	-387.3088	-3.6083	2.3647	0.0000	-8.1310	16.9909
165	1376	Load Combinations: AASHTO-II-S	-273.9279	-0.4525	2.2099	0.0000	-8.8195	7.7341
165	1376	Load Combinations: AASHTO-III-S	-364.5373	-4.0917	4.1370	0.0001	-20.1825	18.5068
165	1376	Load Combinations: AASHTO-VB-A-S	-268.0310	-2.1645	4.0394	0.0000	-23.3031	13.6907
165	1376	Load Combinations: AASHTO-VB-B-S	-149.4308	-0.3113	9.1378	0.0000	-66.6546	7.5423
166	1376	Load Combinations: AASHTO-I	591.7568	0.4613	-3.1696	0.0000	8.8281	-22.1849
166	1376	Load Combinations: AASHTO-II	355.8713	-0.7080	-2.8213	0.0000	11.4758	-10.0077
166	1376	Load Combinations: AASHTO-III	484.1230	0.5578	-5.8588	-0.0001	26.8629	-23.9715
166	1376	Load Combinations: AASHTO-VB-A	349.6746	-0.2371	-8.1468	0.0000	30.2998	-17.8546
166	1376	Load Combinations: AASHTO-VB-B	193.8747	-0.7787	-15.7650	0.0000	86.7018	-9.7877
166	1376	Load Combinations: AASHTO-VB-C	261.9940	-0.0181	-5.7146	0.0000	28.9714	-16.2772
166	1376	Load Combinations: AASHTO-VB-D	106.5530	-0.5578	-15.3176	0.0000	85.3906	-8.3353
166	1376	Load Combinations: AASHTO-II-S	357.3119	0.2713	-1.9648	0.0000	9.1310	-16.9909

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
166	1376	Load Combinations: AASHTO-B-S	273.8281	-0.5471	-2.1762	0.0000	8.8195	-7.7341
166	1376	Load Combinations: AASHTO-B-E	364.5408	0.3855	-4.4610	0.0000	20.1625	-16.5568
166	1376	Load Combinations: AASHTO-VB-A-E	269.0326	-0.1882	-4.7249	0.0000	23.3031	-13.6807
166	1376	Load Combinations: AASHTO-VB-B-S	149.4388	-0.6024	-12.1187	0.0000	66.8548	-7.5423
166	1377	Load Combinations: AASHTO-I	-597.2703	-0.4680	5.1898	0.0000	-8.5588	22.8495
166	1377	Load Combinations: AASHTO-B	-361.4846	0.7059	2.8307	0.0000	-8.6450	9.3009
166	1377	Load Combinations: AASHTO-IB	-499.8264	-0.5450	5.9371	0.0001	-20.7256	24.5129
166	1377	Load Combinations: AASHTO-VB-A	-350.1980	0.2325	9.1462	0.0000	-24.1486	17.4188
166	1377	Load Combinations: AASHTO-VB-B	-199.4682	0.7778	15.7959	0.0000	-70.9421	9.0090
166	1377	Load Combinations: AASHTO-VB-C	-299.1291	0.0148	5.7126	0.0000	-23.2562	16.2809
166	1377	Load Combinations: AASHTO-VB-D	-110.8882	0.5598	15.3111	0.0000	-70.0788	7.7781
166	1377	Load Combinations: AASHTO-I-S	-381.5530	-0.2750	1.5649	0.0000	-4.1463	17.2640
166	1377	Load Combinations: AASHTO-B-S	-276.0892	0.5459	2.1759	0.0000	-8.6439	7.1677
166	1377	Load Combinations: AASHTO-IB-S	-368.7820	-0.3897	4.4800	0.0000	-15.7224	18.9444
166	1377	Load Combinations: AASHTO-VB-A-S	-273.2737	0.1855	4.7248	0.0000	-18.5778	13.4739
166	1377	Load Combinations: AASHTO-VB-B-S	-103.6808	0.6013	12.1134	0.0000	-54.5362	6.9405
167	1377	Load Combinations: AASHTO-I	587.2745	-3.1537	-2.5330	0.0000	6.8698	-22.8495
167	1377	Load Combinations: AASHTO-B	361.4851	-1.7133	-2.9610	0.0000	8.6450	-9.3009
167	1377	Load Combinations: AASHTO-IB	499.8411	-3.3089	-5.8703	0.0000	20.7256	-24.5129
167	1377	Load Combinations: AASHTO-VB-A	355.1898	-2.8725	-6.5675	0.0000	24.1486	-17.4188
167	1377	Load Combinations: AASHTO-VB-B	199.4661	-1.6946	-18.1151	0.0000	70.9421	-9.0090
167	1377	Load Combinations: AASHTO-VB-C	299.1309	-2.3795	-6.2147	0.0000	23.2562	-16.2809
167	1377	Load Combinations: AASHTO-VB-D	110.8903	-1.4004	-17.7390	0.0000	70.0765	-7.7781
167	1377	Load Combinations: AASHTO-I-S	391.5554	-2.4046	-1.5843	0.0000	4.1463	-17.2640
167	1377	Load Combinations: AASHTO-B-S	276.0694	-1.3188	-2.0441	0.0000	8.6439	-7.1677
167	1377	Load Combinations: AASHTO-IB-S	368.7648	-2.5811	-4.5012	0.0000	15.7224	-18.9444
167	1377	Load Combinations: AASHTO-VB-A-S	273.2748	-2.0583	-5.0445	0.0000	18.5778	-13.4739
167	1377	Load Combinations: AASHTO-VB-B-S	103.6811	-1.3038	-13.9146	0.0000	54.5362	-6.9405
167	1378	Load Combinations: AASHTO-I	-602.7880	3.1473	2.5333	0.0000	-4.1260	19.4995
167	1378	Load Combinations: AASHTO-B	-366.8686	1.7113	2.9606	0.0000	-5.9844	7.5886
167	1378	Load Combinations: AASHTO-IB	-505.1546	3.3620	5.8887	0.0000	-14.7568	21.1478
167	1378	Load Combinations: AASHTO-VB-A	-360.7033	2.8680	6.5851	0.0000	-17.5839	14.7486
167	1378	Load Combinations: AASHTO-VB-B	-205.0036	1.8930	18.1067	0.0000	-52.8321	7.3151
167	1378	Load Combinations: AASHTO-VB-C	-270.2660	2.3763	6.2129	0.0000	-17.0448	13.8830

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
167	1378	Load Combinations: AASHTO-VB-D	-114.8254	1.3982	17.7327	0.0000	-52.3411	6.3783
167	1378	Load Combinations: AASHTO-I-S	-395.7965	2.4009	1.5845	0.0000	-2.3621	14.8815
167	1378	Load Combinations: AASHTO-B-S	-262.3106	1.3178	2.0439	0.0000	-4.5998	5.8694
167	1378	Load Combinations: AASHTO-IB-S	-373.0259	2.5870	4.5003	0.0000	-11.2221	16.3556
167	1378	Load Combinations: AASHTO-VB-A-S	-277.5192	2.0556	5.0451	0.0000	-13.5344	11.4171
167	1378	Load Combinations: AASHTO-VB-B-S	-157.9222	1.3027	13.9090	0.0000	-40.6283	5.6372
166	1378	Load Combinations: AASHTO-I	602.7906	-5.5465	-1.8893	0.0000	4.1260	-19.4995
166	1378	Load Combinations: AASHTO-B	366.8687	-2.3245	-2.3511	0.0000	5.9844	-7.5886
166	1378	Load Combinations: AASHTO-IB	505.1574	-5.9644	-6.5730	0.0000	14.7568	-21.1478
166	1378	Load Combinations: AASHTO-VB-A	360.7043	-4.2598	-6.4127	0.0000	17.5839	-14.7486
166	1378	Load Combinations: AASHTO-VB-B	205.0029	-2.2448	-18.5717	0.0000	52.8321	-7.3151
166	1378	Load Combinations: AASHTO-VB-C	270.2689	-3.0346	-6.1463	0.0000	17.0448	-13.8830
166	1378	Load Combinations: AASHTO-VB-D	114.8247	-1.8194	-18.2818	0.0000	52.3411	-6.3783
166	1378	Load Combinations: AASHTO-I-S	395.7979	-4.1810	-1.1824	0.0000	2.3621	-14.8815
166	1378	Load Combinations: AASHTO-B-S	262.3107	-1.7893	-1.8054	0.0000	4.5998	-5.8694
166	1378	Load Combinations: AASHTO-IB-S	373.0275	-4.5742	-4.2158	0.0000	11.2221	-16.3556
166	1378	Load Combinations: AASHTO-VB-A-S	277.5185	-3.2774	-4.9246	0.0000	13.5344	-11.4171
166	1378	Load Combinations: AASHTO-VB-B-S	157.9218	-1.7257	-14.2808	0.0000	40.6283	-5.6372
166	1379	Load Combinations: AASHTO-I	-608.3041	5.5403	1.8936	0.0000	-2.2328	13.9069
166	1379	Load Combinations: AASHTO-B	-372.5122	3.3229	3.3507	0.0000	-3.6337	5.2853
166	1379	Load Combinations: AASHTO-IB	-510.6709	5.9577	5.5715	0.0000	-9.1852	15.1675
166	1379	Load Combinations: AASHTO-VB-A	-366.2177	4.2525	6.4105	0.0000	-11.1729	10.4955
166	1379	Load Combinations: AASHTO-VB-B	-210.5163	2.2430	18.5639	0.0000	-34.2852	5.0713
166	1379	Load Combinations: AASHTO-VB-C	-274.4520	3.0516	6.1446	0.0000	-10.8998	9.9502
166	1379	Load Combinations: AASHTO-VB-D	-118.9598	1.8182	18.2759	0.0000	-34.0628	4.4586
166	1379	Load Combinations: AASHTO-I-S	-400.0891	4.1775	1.1825	0.0000	-1.5767	10.6826
166	1379	Load Combinations: AASHTO-B-S	-266.5816	1.7862	1.8052	0.0000	-2.7846	4.0809
166	1379	Load Combinations: AASHTO-IB-S	-377.2686	4.5703	4.2146	0.0000	-7.0074	11.7837
166	1379	Load Combinations: AASHTO-VB-A-S	-281.7577	3.2749	4.9235	0.0000	-8.6105	8.1412
166	1379	Load Combinations: AASHTO-VB-B-S	-162.1628	1.7247	14.2982	0.0000	-26.3703	3.9121
169	1379	Load Combinations: AASHTO-I	608.3050	-6.3971	-1.2796	0.0000	2.2328	-13.9069
169	1379	Load Combinations: AASHTO-B	372.5122	-2.4468	-1.8918	0.0000	3.6337	-5.2853
169	1379	Load Combinations: AASHTO-IB	510.6715	-6.9058	-4.6916	0.0000	9.1852	-15.1675
169	1379	Load Combinations: AASHTO-VB-A	366.2176	-4.7731	-5.5935	0.0000	11.1729	-10.4955

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
169	1379	Load Combinations: AASHTO-VB-B	210.5126	-2.5428	-16.7914	0.0000	34.2852	-0.0715
169	1379	Load Combinations: AASHTO-VB-C	274.4019	-4.4762	-5.4154	0.0000	10.8898	-8.9502
169	1379	Load Combinations: AASHTO-VB-D	118.9095	-2.0368	-19.8026	0.0000	34.0628	-4.4596
169	1379	Load Combinations: AASHTO-I-S	400.0395	-4.8239	-6.7967	0.0000	1.3797	-10.6829
169	1379	Load Combinations: AASHTO-II-S	266.5518	-1.8857	-1.4526	0.0000	2.7646	-4.0908
169	1379	Load Combinations: AASHTO-III-S	377.2090	-5.3047	-3.5612	0.0000	7.0074	-11.7837
169	1379	Load Combinations: AASHTO-VB-A-S	291.7576	-3.6800	-4.2980	0.0000	8.8105	-8.1412
169	1379	Load Combinations: AASHTO-VB-B-S	162.1606	-1.8019	-12.8972	0.0000	26.8703	-3.9121
169	1380	Load Combinations: AASHTO-I	613.8185	5.3910	1.2800	0.0000	-0.9532	7.5637
169	1380	Load Combinations: AASHTO-II	-378.0257	2.4448	1.8912	0.0000	-1.7425	2.8199
169	1380	Load Combinations: AASHTO-III	-618.1850	6.8991	4.8902	0.0000	-4.4949	8.2960
169	1380	Load Combinations: AASHTO-VB-A	-371.7311	4.7569	5.5913	0.0000	-5.5809	5.7249
169	1380	Load Combinations: AASHTO-VB-B	-216.0293	2.3411	16.7838	0.0000	-17.4784	2.7295
169	1380	Load Combinations: AASHTO-VB-C	-278.5371	4.4732	5.4138	0.0000	-5.4856	5.4758
169	1380	Load Combinations: AASHTO-VB-D	-123.0818	2.0357	16.5969	0.0000	-17.4635	2.4234
169	1380	Load Combinations: AASHTO-I-S	-404.2807	4.8205	0.7969	0.0000	-0.5830	5.8908
169	1380	Load Combinations: AASHTO-II-S	-290.7529	1.8846	1.4524	0.0000	-1.3421	2.1957
169	1380	Load Combinations: AASHTO-III-S	-391.5102	5.3009	3.5603	0.0000	-3.4469	6.4814
169	1380	Load Combinations: AASHTO-VB-A-S	-285.9667	3.6775	4.2968	0.0000	-4.3134	4.4627
169	1380	Load Combinations: AASHTO-VB-B-S	-166.4020	1.8009	12.8928	0.0000	-13.4758	2.1108
170	1380	Load Combinations: AASHTO-I	613.8173	-5.3860	-0.7186	0.0000	0.9532	-7.5637
170	1380	Load Combinations: AASHTO-II	378.0255	-1.8841	-1.2705	0.0000	1.7425	-2.8198
170	1380	Load Combinations: AASHTO-III	618.1833	-6.8496	-3.2605	0.0000	4.4949	-8.2960
170	1380	Load Combinations: AASHTO-VB-A	371.7298	-4.0041	-4.0140	0.0000	5.5809	-5.7249
170	1380	Load Combinations: AASHTO-VB-B	216.0196	-1.8015	-12.4192	0.0000	17.4784	-2.7295
170	1380	Load Combinations: AASHTO-VB-C	278.5359	-3.7968	-5.0237	0.0000	5.4856	-5.4758
170	1380	Load Combinations: AASHTO-VB-D	123.0853	-1.8744	-12.3448	0.0000	17.4635	-2.4234
170	1380	Load Combinations: AASHTO-I-S	404.2801	-4.0991	-0.4439	0.0000	0.5830	-5.8908
170	1380	Load Combinations: AASHTO-II-S	290.7528	-1.5352	-0.9796	0.0000	1.3421	-2.1957
170	1380	Load Combinations: AASHTO-III-S	391.5092	-4.5231	-2.4920	0.0000	3.4469	-6.4814
170	1380	Load Combinations: AASHTO-VB-A-S	285.9690	-3.0998	-3.0911	0.0000	4.3134	-4.4627
170	1380	Load Combinations: AASHTO-VB-B-S	166.3962	-1.4654	-8.9512	0.0000	13.4758	-2.1108
170	1381	Load Combinations: AASHTO-I	-619.3308	5.3799	0.7189	0.0000	-0.2348	2.1915
170	1381	Load Combinations: AASHTO-II	-383.5390	1.9823	1.2701	0.0000	-0.4723	0.8368

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
170	1381	Load Combinations: AASHTO-III	-621.6968	5.8431	3.2651	0.0000	-1.2295	2.4404
170	1381	Load Combinations: AASHTO-VB-A	-377.2433	4.0000	4.0119	0.0000	-1.5983	1.7233
170	1381	Load Combinations: AASHTO-VB-B	-221.5333	1.8968	12.4108	0.0000	-5.0846	0.8289
170	1381	Load Combinations: AASHTO-VB-C	-282.8711	3.7938	5.0221	0.0000	-1.5829	1.6807
170	1381	Load Combinations: AASHTO-VB-D	-127.2204	1.8732	12.3392	0.0000	-5.1219	0.7486
170	1381	Load Combinations: AASHTO-I-S	-409.5212	4.0957	0.4441	0.0000	-0.1390	1.7539
170	1381	Load Combinations: AASHTO-II-S	-295.0340	1.5341	0.9764	0.0000	-0.3957	0.6812
170	1381	Load Combinations: AASHTO-III-S	-365.7503	4.5193	2.4812	0.0000	-0.9550	1.9408
170	1381	Load Combinations: AASHTO-VB-A-S	-290.3392	3.0974	3.0899	0.0000	-1.2331	1.3843
170	1381	Load Combinations: AASHTO-VB-B-S	-170.6393	1.4644	8.9468	0.0000	-3.9272	0.6460
171	1381	Load Combinations: AASHTO-I	619.3275	-2.1848	-0.2344	0.0000	0.2346	-2.1915
171	1381	Load Combinations: AASHTO-II	383.5385	-0.8378	-0.4725	0.0000	0.4723	-0.8368
171	1381	Load Combinations: AASHTO-III	621.6923	-2.4439	-1.2303	0.0000	1.2295	-2.4404
171	1381	Load Combinations: AASHTO-VB-A	377.2407	-1.7295	-1.5695	0.0000	1.5683	-1.7233
171	1381	Load Combinations: AASHTO-VB-B	221.5230	-0.8298	-5.0686	0.0000	5.0646	-0.8289
171	1381	Load Combinations: AASHTO-VB-C	282.8686	-1.6823	-1.5839	0.0000	1.5829	-1.6807
171	1381	Load Combinations: AASHTO-VB-D	127.2104	-0.7502	-5.1248	0.0000	5.1219	-0.7486
171	1381	Load Combinations: AASHTO-I-S	408.5193	-1.7657	-0.1390	0.0000	0.1390	-1.7539
171	1381	Load Combinations: AASHTO-II-S	295.0337	-0.6418	-0.3658	0.0000	0.3657	-0.6812
171	1381	Load Combinations: AASHTO-III-S	365.7478	-1.9427	-0.9560	0.0000	0.9555	-1.9408
171	1381	Load Combinations: AASHTO-VB-A-S	290.2376	-1.3656	-1.2238	0.0000	1.2231	-1.3643
171	1381	Load Combinations: AASHTO-VB-B-S	170.6333	-0.6465	-3.9295	0.0000	3.9272	-0.6460
171	1382	Load Combinations: AASHTO-I	-624.9408	2.1788	0.2346	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-II	-389.0521	0.8359	0.4722	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-III	-627.2057	2.4374	1.2289	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-A	-382.7542	1.7213	1.5674	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-B	-227.0365	0.8281	5.0612	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-C	-286.8037	1.6783	1.5823	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-D	-131.3405	0.7481	5.1193	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-I-S	-412.7605	1.7623	0.1391	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-II-S	-299.2748	0.6807	0.3656	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-III-S	-369.9689	1.9589	0.9552	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-A-S	-294.4788	1.3632	1.2229	0.0000	0.0000	0.0000
171	1382	Load Combinations: AASHTO-VB-B-S	-174.8745	0.6465	3.9252	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
172	1079	Load Combinations: AASHTO-I	553.1345	29.5285	5.3967	0.0003	-43.8649	110.0132
172	1079	Load Combinations: AASHTO-II	342.5773	8.1469	4.5824	0.0000	-23.3325	23.6866
172	1079	Load Combinations: AASHTO-III	532.8787	31.2347	9.2726	-0.0001	-50.2056	118.8877
172	1079	Load Combinations: AASHTO-VB-A	414.3974	19.8552	9.8361	-0.0001	-17.2873	88.8052
172	1079	Load Combinations: AASHTO-VB-B	499.8417	7.5825	24.0443	-0.0003	7.8886	22.4159
172	1079	Load Combinations: AASHTO-VB-C	336.1553	19.2706	9.8540	-0.0001	-11.1276	88.3017
172	1079	Load Combinations: AASHTO-VB-D	421.1672	7.0000	23.1317	-0.0003	14.3882	22.1246
172	1079	Load Combinations: AASHTO-II-S	357.8082	21.8186	3.4159	0.0001	-27.5565	80.4485
172	1079	Load Combinations: AASHTO-III-S	263.4868	6.2518	3.5232	0.0000	-17.1508	18.2535
172	1079	Load Combinations: AASHTO-IIB-S	394.2482	23.7926	9.9254	0.0000	-21.8329	87.8525
172	1079	Load Combinations: AASHTO-VB-A-S	318.8621	15.2511	7.3795	-0.0001	-13.1258	53.5241
172	1079	Load Combinations: AASHTO-VB-B-S	384.0761	5.8321	18.3050	-0.0001	6.5559	17.1991
172	1383	Load Combinations: AASHTO-I	-559.8479	-29.5081	-5.3985	-0.0003	38.4665	-80.5108
172	1383	Load Combinations: AASHTO-II	-346.0908	-8.1481	-4.5827	0.0000	17.7503	-15.7393
172	1383	Load Combinations: AASHTO-III	-538.4923	-31.2456	-9.2742	0.0001	20.9337	-84.4640
172	1383	Load Combinations: AASHTO-VB-A	-419.9108	-19.8589	-9.8397	0.0001	7.6503	-50.0500
172	1383	Load Combinations: AASHTO-VB-B	-505.1552	-7.5845	-24.0582	0.0003	-31.7352	-14.8333
172	1383	Load Combinations: AASHTO-VB-C	-340.2904	-19.2707	-9.8589	0.0001	2.2729	-50.0810
172	1383	Load Combinations: AASHTO-VB-D	-425.3023	-7.0315	-23.1422	0.0003	-37.5329	-15.0949
172	1383	Load Combinations: AASHTO-II-S	-361.8493	-21.8229	-3.4148	-0.0001	24.1418	-58.6292
172	1383	Load Combinations: AASHTO-III-S	-267.7298	-6.2531	-3.5234	0.0000	13.6278	-11.9999
172	1383	Load Combinations: AASHTO-IIB-S	-398.4903	-23.7963	-9.9297	0.0000	14.7037	-83.8602
172	1383	Load Combinations: AASHTO-VB-A-S	-322.9832	-15.2536	-7.3816	0.0001	5.7459	-38.2729
172	1383	Load Combinations: AASHTO-VB-B-S	-388.3172	-5.8333	-18.3632	0.0001	-24.9130	-11.3670
173	1383	Load Combinations: AASHTO-I	558.9457	27.7595	5.3991	0.0002	-36.4665	80.5108
173	1383	Load Combinations: AASHTO-II	346.0907	7.5739	4.3775	0.0000	-17.7503	15.7393
173	1383	Load Combinations: AASHTO-III	538.4901	29.3731	9.5839	0.0000	-20.9337	84.4640
173	1383	Load Combinations: AASHTO-VB-A	419.9108	18.6167	9.8141	-0.0001	-7.6003	50.0500
173	1383	Load Combinations: AASHTO-VB-B	505.1632	7.0539	21.3143	-0.0002	31.7352	14.8333
173	1383	Load Combinations: AASHTO-VB-C	340.2903	18.0844	8.0352	-0.0001	-2.2729	50.0810
173	1383	Load Combinations: AASHTO-VB-D	425.3126	6.5964	20.4142	-0.0002	37.5329	15.0949
173	1383	Load Combinations: AASHTO-II-S	361.8482	20.5030	3.4073	0.0001	-24.1418	58.6292
173	1383	Load Combinations: AASHTO-III-S	267.7299	5.8105	3.3642	0.0000	-13.6278	11.9999
173	1383	Load Combinations: AASHTO-IIB-S	398.4891	22.3587	8.4591	0.0000	-14.7037	83.8602

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
173	1383	Load Combinations: AASHTO-VB-A-S	322.9031	14.2935	8.7478	-0.0001	-5.7459	38.2729
173	1383	Load Combinations: AASHTO-VB-B-S	388.3220	5.4230	18.2649	-0.0001	24.9130	11.3670
173	1384	Load Combinations: AASHTO-I	-564.1592	-27.7628	-5.3982	-0.0002	55.0866	-52.7548
173	1384	Load Combinations: AASHTO-II	-353.6042	-7.5782	-4.3780	0.0000	13.3729	-8.1849
173	1384	Load Combinations: AASHTO-III	-544.0038	-29.3788	-9.5862	0.0000	12.2887	-55.0913
173	1384	Load Combinations: AASHTO-VB-A	-425.4243	-18.6212	-9.8177	0.0001	-1.1847	-31.4329
173	1384	Load Combinations: AASHTO-VB-B	-510.6767	-7.0558	-21.3279	0.0002	-53.0536	-7.7793
173	1384	Load Combinations: AASHTO-VB-C	-344.4254	-18.0876	-8.0391	0.0001	-5.7931	-31.8965
173	1384	Load Combinations: AASHTO-VB-D	-429.4456	-6.5578	-20.4244	0.0002	-37.9500	-8.5365
173	1384	Load Combinations: AASHTO-II-S	-366.0893	-20.5066	-3.4068	-0.0001	20.7349	-38.1291
173	1384	Load Combinations: AASHTO-III-S	-271.9710	-5.8114	-3.3646	0.0000	10.2837	-6.1896
173	1384	Load Combinations: AASHTO-IIB-S	-402.7303	-22.3627	-8.4605	0.0000	8.2445	-41.5017
173	1384	Load Combinations: AASHTO-VB-A-S	-327.1443	-14.2962	-8.7500	0.0001	-1.0025	-23.6791
173	1384	Load Combinations: AASHTO-VB-B-S	-392.5831	-5.4247	-18.2728	0.0001	-41.1804	-5.9434
174	1384	Load Combinations: AASHTO-I	564.1605	24.5201	5.3960	0.0002	-33.0696	52.7548
174	1384	Load Combinations: AASHTO-II	353.6045	6.5445	3.9842	0.0000	-13.3729	8.1849
174	1384	Load Combinations: AASHTO-III	544.0056	25.9305	7.5549	0.0000	-12.2887	55.0913
174	1384	Load Combinations: AASHTO-VB-A	425.4283	16.3518	7.3987	-0.0001	1.1847	31.4329
174	1384	Load Combinations: AASHTO-VB-B	510.6800	6.0987	16.8329	-0.0002	53.0536	7.7793
174	1384	Load Combinations: AASHTO-VB-C	344.4275	15.9178	6.8975	-0.0001	5.7931	31.8965
174	1384	Load Combinations: AASHTO-VB-D	429.4556	5.6993	15.7662	-0.0002	37.9500	8.5365
174	1384	Load Combinations: AASHTO-II-S	366.0901	18.0901	3.3423	0.0001	-20.7349	38.1291
174	1384	Load Combinations: AASHTO-III-S	271.9712	5.0187	3.0812	0.0000	-10.2837	6.1896
174	1384	Load Combinations: AASHTO-IIB-S	402.7316	19.7252	5.8112	0.0000	-8.2445	41.5017
174	1384	Load Combinations: AASHTO-VB-A-S	327.1454	12.5505	5.6390	-0.0001	1.0025	23.6791
174	1384	Load Combinations: AASHTO-VB-B-S	392.5709	4.6885	12.6831	-0.0001	41.1804	5.9434
174	1385	Load Combinations: AASHTO-I	-569.6740	-24.5269	-5.3053	-0.0002	27.7637	-26.2346
174	1385	Load Combinations: AASHTO-II	-359.1160	-6.5468	-3.9648	0.0000	9.3886	-1.8199
174	1385	Load Combinations: AASHTO-III	-549.5193	-25.9377	-7.5574	0.0000	4.7146	-29.1909
174	1385	Load Combinations: AASHTO-VB-A	-430.9398	-16.3566	-7.3703	0.0001	-8.5325	-15.0804
174	1385	Load Combinations: AASHTO-VB-B	-516.2034	-6.1009	-16.8459	0.0002	-66.6911	-1.8825
174	1385	Load Combinations: AASHTO-VB-C	-348.9624	-15.9212	-6.8096	0.0001	-12.3710	-16.5793
174	1385	Load Combinations: AASHTO-VB-D	-433.5939	-5.7007	-15.7791	0.0002	-73.7226	-2.8591
174	1385	Load Combinations: AASHTO-II-S	-370.5313	-18.0940	-3.3418	-0.0001	17.3651	-20.0304

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
174	1385	Load Combinations: AASHTO-II-S	-278.2123	-5.0201	-3.0615	0.0000	7.2025	-1.1705
174	1385	Load Combinations: AASHTO-IB-S	-406.9727	-19.7305	-5.6126	0.0000	3.8331	-21.7752
174	1385	Load Combinations: AASHTO-VB-A-S	-331.3898	-13.5033	-5.6401	0.0001	-6.6411	-11.4282
174	1385	Load Combinations: AASHTO-VB-B-S	-398.8120	-4.8896	-12.6908	0.0001	-63.9882	-1.2547
175	1385	Load Combinations: AASHTO-I	569.6781	29.2021	5.0944	0.0001	-27.7837	28.2346
175	1385	Load Combinations: AASHTO-II	359.1186	5.1976	3.4429	0.0000	-9.3889	1.6188
175	1385	Load Combinations: AASHTO-IB	549.5250	21.3418	6.0918	0.0000	-4.7146	28.1606
175	1385	Load Combinations: AASHTO-VB-A	430.8404	13.3095	5.5053	-0.0001	8.5325	15.0804
175	1385	Load Combinations: AASHTO-VB-B	516.2191	4.8467	10.7443	-0.0002	69.6811	1.6803
175	1385	Load Combinations: AASHTO-VB-C	348.5808	13.0450	4.7833	-0.0001	12.3710	16.0783
175	1385	Load Combinations: AASHTO-VB-D	433.6093	4.5727	9.9414	-0.0002	73.7728	2.8390
175	1385	Load Combinations: AASHTO-I-S	370.3336	14.8833	3.2039	0.0001	-17.3931	20.2356
175	1385	Load Combinations: AASHTO-II-S	278.2127	3.9845	2.6450	0.0000	-7.2025	1.1705
175	1385	Load Combinations: AASHTO-IB-S	406.9781	16.2280	4.4973	0.0000	-2.8331	21.7752
175	1385	Load Combinations: AASHTO-VB-A-S	331.3898	10.2443	4.2119	0.0000	6.6411	11.4282
175	1385	Load Combinations: AASHTO-VB-B-S	398.8212	3.7263	8.1784	-0.0001	53.8662	1.2547
175	1386	Load Combinations: AASHTO-I	-575.1918	-20.2082	-5.0940	-0.0001	22.6702	-8.0317
175	1386	Load Combinations: AASHTO-II	-364.8328	-5.1999	-3.4436	0.0000	5.9459	3.5785
175	1386	Load Combinations: AASHTO-IB	-550.0385	-21.3481	-6.0843	0.0000	-1.3777	-7.8181
175	1386	Load Combinations: AASHTO-VB-A	-436.4599	-13.3555	-5.5088	0.0001	-14.0388	-1.7267
175	1386	Load Combinations: AASHTO-VB-B	-521.7325	-4.8469	-10.7568	0.0002	-80.4404	5.1670
175	1386	Load Combinations: AASHTO-VB-C	-352.7939	-13.0466	-4.7840	0.0001	-17.1952	-3.0326
175	1386	Load Combinations: AASHTO-VB-D	-437.7444	-4.5741	-9.9508	0.0002	-83.6677	1.7339
175	1386	Load Combinations: AASHTO-I-S	-374.5748	-14.8873	-3.2037	-0.0001	14.1896	-5.1517
175	1386	Load Combinations: AASHTO-II-S	-280.4538	-3.9859	-2.6454	0.0000	4.5575	2.8144
175	1386	Load Combinations: AASHTO-IB-S	-411.2172	-16.2304	-4.4998	0.0000	-1.8645	-5.5488
175	1386	Load Combinations: AASHTO-VB-A-S	-335.6208	-10.2473	-4.2140	0.0000	-10.6538	-1.1833
175	1386	Load Combinations: AASHTO-VB-B-S	-401.0824	-3.7278	-8.1867	0.0001	-63.0480	3.4719
176	1386	Load Combinations: AASHTO-I	575.1976	15.2272	4.7594	0.0001	-22.6702	8.0317
176	1386	Load Combinations: AASHTO-II	364.8328	5.6717	2.8884	0.0000	-5.9459	-3.5785
176	1386	Load Combinations: AASHTO-IB	555.0483	16.0579	4.4230	0.0000	1.3777	7.8181
176	1386	Load Combinations: AASHTO-VB-A	436.4614	9.8109	3.4325	-0.0001	14.0388	1.7267
176	1386	Load Combinations: AASHTO-VB-B	521.7480	3.4273	4.3329	-0.0001	80.4404	-3.1670
176	1386	Load Combinations: AASHTO-VB-C	352.7551	9.7467	2.7663	-0.0001	17.1952	3.0326

LARSA 4D

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
176	1386	Load Combinations: AASHTO-VB-D	437.7096	3.2913	3.6118	-0.0001	83.6677	-1.7339
176	1386	Load Combinations: AASHTO-I-S	374.5781	11.1961	2.9884	0.0000	-14.1896	5.1517
176	1386	Load Combinations: AASHTO-II-S	280.4543	2.8135	2.1515	0.0000	-4.5575	-2.8144
176	1386	Load Combinations: AASHTO-IB-S	411.2217	12.2099	3.2309	0.0000	1.8645	5.5488
176	1386	Load Combinations: AASHTO-VB-A-S	335.6328	7.6033	2.6245	0.0000	10.6538	1.1833
176	1386	Load Combinations: AASHTO-VB-B-S	401.0715	2.6359	3.2770	-0.0001	62.0480	-2.4719
176	1387	Load Combinations: AASHTO-I	-580.7111	-15.2343	-4.7593	-0.0001	17.9115	7.1969
176	1387	Load Combinations: AASHTO-II	-370.1462	-5.6741	-2.8011	0.0000	3.1454	7.2511
176	1387	Load Combinations: AASHTO-IB	-560.1598	-16.0655	-4.4255	0.0000	-5.8014	8.3415
176	1387	Load Combinations: AASHTO-VB-A	-441.9749	-9.8139	-3.4359	0.0001	-17.4727	9.1836
176	1387	Load Combinations: AASHTO-VB-B	-527.2615	-3.4284	-4.3446	0.0001	-84.7786	6.5949
176	1387	Load Combinations: AASHTO-VB-C	-358.8402	-9.7522	-2.7688	0.0001	-19.9225	6.7170
176	1387	Load Combinations: AASHTO-VB-D	-441.8847	-3.2927	-3.6205	0.0001	-87.2835	5.0256
176	1387	Load Combinations: AASHTO-I-S	-378.9193	-11.2001	-2.9893	0.0000	11.2005	6.0454
176	1387	Load Combinations: AASHTO-II-S	-284.6954	-2.8149	-2.1518	0.0000	2.4059	5.6285
176	1387	Load Combinations: AASHTO-IB-S	-415.4628	-12.2054	-3.2323	0.0000	-5.3958	6.6534
176	1387	Load Combinations: AASHTO-VB-A-S	-339.8737	-7.6063	-2.6265	0.0000	-13.4790	6.4209
176	1387	Load Combinations: AASHTO-VB-B-S	-405.3128	-2.6372	-3.2839	0.0001	-65.3288	5.1081
177	1387	Load Combinations: AASHTO-I	580.7178	16.0152	4.3118	0.0001	-17.9115	-7.1969
177	1387	Load Combinations: AASHTO-II	370.1470	2.0668	2.1064	0.0000	-3.1454	-7.2511
177	1387	Load Combinations: AASHTO-IB	560.0083	10.5209	2.6925	0.0000	5.8014	-8.3415
177	1387	Load Combinations: AASHTO-VB-A	441.9796	6.3248	1.3365	0.0000	17.4727	-9.1836
177	1387	Load Combinations: AASHTO-VB-B	527.2751	1.9643	-1.9682	-0.0001	84.7786	-6.5949
177	1387	Load Combinations: AASHTO-VB-C	358.8445	6.3060	0.7415	0.0000	19.9225	-6.7170
177	1387	Load Combinations: AASHTO-VB-D	441.9078	1.9858	-2.6118	-0.0001	87.2835	-5.0256
177	1387	Load Combinations: AASHTO-I-S	378.9230	7.3380	2.7053	0.0000	-11.2005	-6.0454
177	1387	Load Combinations: AASHTO-II-S	284.6959	1.6075	1.9187	0.0000	-2.4059	-5.6285
177	1387	Load Combinations: AASHTO-IB-S	415.4678	7.9884	1.9214	0.0000	5.3958	-6.6534
177	1387	Load Combinations: AASHTO-VB-A-S	339.8765	4.9509	1.0196	0.0000	13.4790	-6.4209
177	1387	Load Combinations: AASHTO-VB-B-S	405.3206	1.5122	-1.5990	0.0000	65.3288	-5.1081
177	1388	Load Combinations: AASHTO-I	-586.2313	-10.0222	-4.3118	-0.0001	13.6003	17.2143
177	1388	Load Combinations: AASHTO-II	-375.4605	-2.1020	-2.1072	0.0000	1.0387	9.3516
177	1388	Load Combinations: AASHTO-IB	-566.0818	-10.5334	-2.6950	0.0000	-8.4948	18.7898
177	1388	Load Combinations: AASHTO-VB-A	-447.4931	-6.3296	-1.3396	0.0000	-18.8109	14.5103

LARSA 4D

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
177	1388	Load Combinations: AASHTO-VB-B	-532.7898	-1.9964	1.9773	0.0001	-82.7961	9.5600
177	1388	Load Combinations: AASHTO-VB-C	-560.9796	-6.3100	-0.7440	0.0000	-20.6952	13.0247
177	1388	Load Combinations: AASHTO-VB-D	-446.0428	-1.3673	2.6037	0.0001	-84.6760	6.8819
177	1388	Load Combinations: AASHTO-I-E	-383.0641	-7.3420	-2.7053	0.0000	8.4955	13.3846
177	1388	Load Combinations: AASHTO-B-S	-288.9570	-1.8080	-1.8182	0.0000	0.7871	7.2366
177	1388	Load Combinations: AASHTO-BI-S	-419.7090	-7.8938	-1.9228	0.0000	-7.0177	14.6442
177	1388	Load Combinations: AASHTO-VB-A-E	-344.1176	-4.8538	-1.0215	0.0000	-14.4995	11.2729
177	1388	Load Combinations: AASHTO-VB-B-E	-409.5817	-1.5135	1.5494	0.0000	-83.7790	6.8208
178	1388	Load Combinations: AASHTO-I	596.2378	4.8679	3.7727	0.0000	-13.9003	-17.2143
178	1388	Load Combinations: AASHTO-E	375.6813	0.8054	1.4111	0.0000	-1.0367	-9.3518
178	1388	Load Combinations: AASHTO-BI	596.0906	5.1719	1.0360	0.0000	8.4946	-16.7696
178	1388	Load Combinations: AASHTO-VB-A	447.4874	2.8884	-0.8114	0.0000	18.8108	-14.5103
178	1388	Load Combinations: AASHTO-VB-B	532.7991	0.5735	-7.8791	-0.0001	82.7961	-8.5600
178	1388	Load Combinations: AASHTO-VB-C	360.9836	2.5827	-1.1238	0.0000	20.6952	-13.0247
178	1388	Load Combinations: AASHTO-VB-D	446.0530	0.7002	-8.1955	-0.0001	84.6760	-6.8819
178	1388	Load Combinations: AASHTO-I-E	383.0677	5.6044	2.3647	0.0000	-8.4955	-13.3846
178	1388	Load Combinations: AASHTO-B-S	288.9575	0.4611	1.0849	0.0000	-0.7871	-7.2366
178	1388	Load Combinations: AASHTO-BI-E	419.7137	5.8144	3.6714	0.0000	7.0177	-14.6442
178	1388	Load Combinations: AASHTO-VB-A-E	344.1201	2.1969	-0.4720	0.0000	14.4995	-11.2729
178	1388	Load Combinations: AASHTO-VB-B-E	409.5879	0.4439	-5.8069	0.0000	83.7790	-6.8208
178	1389	Load Combinations: AASHTO-I	-591.7513	-4.8748	-3.7728	0.0000	9.8291	22.1849
178	1389	Load Combinations: AASHTO-E	-381.1747	-0.4676	-1.4119	0.0000	-0.3727	9.9583
178	1389	Load Combinations: AASHTO-BI	-571.6235	-5.1792	-1.0364	0.0000	-8.5319	23.9446
178	1389	Load Combinations: AASHTO-VB-A	-453.2106	-2.8742	0.8083	0.0000	-19.2015	17.3818
178	1389	Load Combinations: AASHTO-VB-B	-538.3126	-0.5755	7.8992	0.0001	-75.1240	9.1344
178	1389	Load Combinations: AASHTO-VB-C	-365.1187	-2.5861	1.1215	0.0000	-19.5427	16.0089
178	1389	Load Combinations: AASHTO-VB-D	-450.1881	-0.7015	8.1980	0.0001	-76.4851	7.6927
178	1389	Load Combinations: AASHTO-I-E	-387.3058	-5.6083	-2.3647	0.0000	8.1310	16.8909
178	1389	Load Combinations: AASHTO-B-S	-293.1786	-0.4624	-1.0853	0.0000	-0.2979	7.6983
178	1389	Load Combinations: AASHTO-BI-S	-423.9549	-5.8186	-0.8727	0.0000	-7.6897	16.5603
178	1389	Load Combinations: AASHTO-VB-A-S	-348.3813	-2.2017	0.4702	0.0000	-14.0286	13.4730
178	1389	Load Combinations: AASHTO-VB-B-S	-413.8091	-0.4401	5.9009	0.0000	-57.8726	7.0863
179	1389	Load Combinations: AASHTO-I	591.7588	0.4613	3.1696	0.0000	-9.8291	-22.1849
179	1389	Load Combinations: AASHTO-E	381.1754	-0.6975	0.7628	0.0000	0.3727	-9.9583

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
179	1388	Load Combinations: AASHTO-BI	571.6104	0.3948	-0.4208	0.0000	8.0319	-23.9446
179	1388	Load Combinations: AASHTO-VB-A	453.0144	-0.1573	-2.2570	0.0000	19.2010	-17.3818
179	1388	Load Combinations: AASHTO-VB-B	538.3196	-0.6385	-12.2918	0.0000	75.1240	-9.1344
179	1388	Load Combinations: AASHTO-VB-C	365.1219	0.0236	-2.6803	0.0000	19.5427	-16.0089
179	1388	Load Combinations: AASHTO-VB-D	450.1948	-0.4099	-12.8719	0.0000	76.4851	-7.6927
179	1388	Load Combinations: AASHTO-I-E	387.3116	0.2713	1.9846	0.0000	-8.1310	-16.8909
179	1388	Load Combinations: AASHTO-B-S	293.1790	-0.5367	0.5670	0.0000	0.2979	-7.6983
179	1388	Load Combinations: AASHTO-BI-S	423.9589	0.2775	-0.4245	0.0000	7.6897	-16.5603
179	1388	Load Combinations: AASHTO-VB-A-S	348.3833	-0.1555	-1.7327	0.0000	14.0286	-13.4730
179	1388	Load Combinations: AASHTO-VB-B-S	413.8132	-0.4678	-6.4136	0.0000	57.8726	-7.0863
179	1390	Load Combinations: AASHTO-I	-597.2703	-0.4560	-3.1696	0.0000	9.8598	22.8485
179	1390	Load Combinations: AASHTO-E	-386.6868	0.6954	-0.7636	0.0000	-1.1359	9.2618
179	1390	Load Combinations: AASHTO-BI	-577.1238	-0.4019	0.4186	0.0000	-8.1123	24.3429
179	1390	Load Combinations: AASHTO-VB-A	-458.5276	0.1927	2.2541	0.0000	-19.3457	17.1868
179	1390	Load Combinations: AASHTO-VB-B	-543.8333	0.6366	12.2524	0.0000	-82.6685	8.4969
179	1390	Load Combinations: AASHTO-VB-C	-369.2570	-0.0269	2.6781	0.0000	-19.8937	16.0341
179	1390	Load Combinations: AASHTO-VB-D	-454.3300	0.4086	12.8648	0.0000	-83.6181	7.2835
179	1390	Load Combinations: AASHTO-I-E	-391.5530	-0.2750	-1.9846	0.0000	4.1463	17.2640
179	1390	Load Combinations: AASHTO-B-S	-297.4201	0.5374	-0.5670	0.0000	-0.6851	7.1923
179	1390	Load Combinations: AASHTO-BI-S	-428.2000	-0.2818	0.4232	0.0000	-7.2959	16.8398
179	1390	Load Combinations: AASHTO-VB-A-S	-352.5045	0.1528	1.7310	0.0000	-12.2968	13.5188
179	1390	Load Combinations: AASHTO-VB-B-S	-418.0644	0.4667	9.4063	0.0000	-48.4625	6.5791
180	1390	Load Combinations: AASHTO-I	597.2745	-3.1537	2.5330	0.0000	-8.6598	-22.8485
180	1390	Load Combinations: AASHTO-E	386.6893	-1.7040	0.2078	0.0000	1.1359	-9.2618
180	1390	Load Combinations: AASHTO-BI	577.1290	-3.4334	-1.5617	0.0000	8.1123	-24.3429
180	1390	Load Combinations: AASHTO-VB-A	458.5304	-2.8356	-3.4601	0.0000	19.3457	-17.1868
180	1390	Load Combinations: AASHTO-VB-B	543.8370	-1.5737	-15.3156	0.0000	82.6685	-8.4969
180	1390	Load Combinations: AASHTO-VB-C	369.2593	-2.3419	-3.7931	0.0000	19.8937	-16.0341
180	1390	Load Combinations: AASHTO-VB-D	454.3335	-1.2759	-15.8250	0.0000	83.8181	-7.2835
180	1390	Load Combinations: AASHTO-I-E	391.5554	-2.4048	1.5843	0.0000	-4.1463	-17.2640
180	1390	Load Combinations: AASHTO-B-S	297.4203	-1.3119	0.1603	0.0000	0.6851	-7.1923
180	1390	Load Combinations: AASHTO-BI-S	428.2030	-2.6402	-1.2788	0.0000	7.2959	-16.8398
180	1390	Load Combinations: AASHTO-VB-A-S	352.5060	-2.0294	-2.8556	0.0000	12.2968	-13.5188
180	1390	Load Combinations: AASHTO-VB-B-S	418.0696	-1.3080	-11.7542	0.0000	48.4625	-6.5791

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
160	1391	Load Combinations: AASHTO-I	-602.7880	3.1473	-2.5333	0.0000	4.1280	15.4995
160	1391	Load Combinations: AASHTO-II	-383.2028	1.7023	-0.2084	0.0000	-1.3437	7.5588
160	1391	Load Combinations: AASHTO-III	-582.6425	3.4265	1.5096	0.0000	-7.5518	20.9134
160	1391	Load Combinations: AASHTO-VII-A	-464.0439	2.8312	3.4873	0.0000	-12.4874	14.5537
160	1391	Load Combinations: AASHTO-VII-B	-549.3505	1.5719	15.3068	0.0000	-47.5583	8.9244
160	1391	Load Combinations: AASHTO-VII-C	-373.3644	2.3367	3.7911	0.0000	-13.0720	13.8940
160	1391	Load Combinations: AASHTO-VII-D	-458.4656	1.2747	15.6180	0.0000	-46.1981	8.0083
160	1391	Load Combinations: AASHTO-I-S	-385.7995	2.4009	-1.5845	0.0000	2.5821	14.8615
160	1391	Load Combinations: AASHTO-II-S	-301.9815	1.3108	-0.1608	0.0000	-1.0456	5.8491
160	1391	Load Combinations: AASHTO-III-S	-432.4442	2.6362	1.2775	0.0000	-5.9878	16.2019
160	1391	Load Combinations: AASHTO-VII-A-S	-356.8471	2.0267	2.6540	0.0000	-9.6422	11.2910
160	1391	Load Combinations: AASHTO-VII-B-S	-422.2978	1.2069	11.7491	0.0000	-36.7120	6.3707
161	1391	Load Combinations: AASHTO-I	602.7908	-5.5485	1.8823	0.0000	-4.1280	-15.4995
161	1391	Load Combinations: AASHTO-II	383.2036	-2.3167	-0.2104	0.0000	1.3437	-7.5588
161	1391	Load Combinations: AASHTO-III	582.6457	-5.9420	-2.2773	0.0000	7.5518	-20.9134
161	1391	Load Combinations: AASHTO-VII-A	464.0453	-4.2200	-4.0902	0.0000	12.4874	-14.5537
161	1391	Load Combinations: AASHTO-VII-B	549.3511	-2.1401	-16.4477	0.0000	47.5583	-8.9244
161	1391	Load Combinations: AASHTO-VII-C	373.3657	-3.8980	-4.3570	0.0000	13.0720	-13.8940
161	1391	Load Combinations: AASHTO-VII-D	458.4690	-1.8148	-16.6711	0.0000	46.1981	-8.0083
161	1391	Load Combinations: AASHTO-I-S	385.7979	-4.1910	1.1824	0.0000	-2.5821	-14.8615
161	1391	Load Combinations: AASHTO-II-S	301.9817	-1.7934	-0.1916	0.0000	1.0456	-5.8491
161	1391	Load Combinations: AASHTO-III-S	432.4482	-4.5740	-1.8096	0.0000	5.9878	-16.2019
161	1391	Load Combinations: AASHTO-VII-A-S	356.8479	-3.2595	-3.1413	0.0000	9.6422	-11.2910
161	1391	Load Combinations: AASHTO-VII-B-S	422.2991	-1.6484	-12.8301	0.0000	36.7120	-6.3707
161	1392	Load Combinations: AASHTO-I	-608.3041	5.5403	-1.8696	0.0000	2.2328	13.8968
161	1392	Load Combinations: AASHTO-II	-387.7185	2.3147	0.2097	0.0000	-1.1337	5.2433
161	1392	Load Combinations: AASHTO-III	-589.1592	5.9054	2.2752	0.0000	-5.2759	14.9555
161	1392	Load Combinations: AASHTO-VII-A	-468.5587	4.2157	4.0870	0.0000	-8.3990	10.3363
161	1392	Load Combinations: AASHTO-VII-B	-554.3646	2.1383	16.4383	0.0000	-31.1179	4.7854
161	1392	Load Combinations: AASHTO-VII-C	-377.3308	3.8949	4.3550	0.0000	-8.7364	9.7979
161	1392	Load Combinations: AASHTO-VII-D	-462.8041	1.8136	16.6850	0.0000	-31.3319	4.1943
161	1392	Load Combinations: AASHTO-I-S	-400.0391	4.1775	-1.1625	0.0000	1.3797	10.6828
161	1392	Load Combinations: AASHTO-II-S	-305.9029	1.7923	0.1911	0.0000	-0.9843	4.0864
161	1392	Load Combinations: AASHTO-III-S	-436.6871	4.5701	1.8083	0.0000	-4.1791	11.6303

LARSA 4D

Administrador
CONSTRUCTORA MOYEDA SA DE CV
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Last Analysis Run : 02/07/2009 02:32:01 p.m.

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
161	1392	Load Combinations: AASHTO-VII-A-S	-361.0891	3.2480	3.1397	0.0000	-6.5020	9.0421
161	1392	Load Combinations: AASHTO-VII-B-S	-426.5392	1.6454	12.6252	0.0000	-24.0857	3.7250
162	1392	Load Combinations: AASHTO-I	608.3092	-6.3971	1.2798	0.0000	-2.2328	-13.9569
162	1392	Load Combinations: AASHTO-II	387.7186	-2.4395	-0.4490	0.0000	1.1337	-5.2433
162	1392	Load Combinations: AASHTO-III	588.1601	-6.8520	-2.4618	0.0000	5.2759	-14.9555
162	1392	Load Combinations: AASHTO-VII-A	468.5590	-4.7321	-4.0204	0.0000	8.3990	-10.3363
162	1392	Load Combinations: AASHTO-VII-B	554.3621	-2.2486	-15.2771	0.0000	31.1179	-4.7854
162	1392	Load Combinations: AASHTO-VII-C	377.3310	-4.4364	-4.1900	0.0000	8.7364	-9.7979
162	1392	Load Combinations: AASHTO-VII-D	462.8014	-1.9402	-15.4368	0.0000	31.3319	-4.1943
162	1392	Load Combinations: AASHTO-I-S	400.0395	-4.8239	0.7967	0.0000	-1.3797	-10.6828
162	1392	Load Combinations: AASHTO-II-S	305.9029	-1.8907	-0.3484	0.0000	0.9843	-4.0864
162	1392	Load Combinations: AASHTO-III-S	436.6877	-5.2678	-1.8073	0.0000	4.1791	-11.6303
162	1392	Load Combinations: AASHTO-VII-A-S	361.0892	-3.8525	-3.0891	0.0000	6.5020	-8.0421
162	1392	Load Combinations: AASHTO-VII-B-S	426.5378	-1.7350	-11.7514	0.0000	24.0857	-3.7250
162	1393	Load Combinations: AASHTO-I	-613.8185	6.3910	-1.2800	0.0000	0.9532	7.5637
162	1393	Load Combinations: AASHTO-II	-403.2300	2.4378	0.4482	0.0000	-0.6851	2.8049
162	1393	Load Combinations: AASHTO-III	-593.6736	6.8453	2.4597	0.0000	-2.8154	8.1077
162	1393	Load Combinations: AASHTO-VII-A	-475.0724	4.7279	4.0178	0.0000	-4.3803	5.6068
162	1393	Load Combinations: AASHTO-VII-B	-560.3755	2.2469	15.2691	0.0000	-15.8465	2.5379
162	1393	Load Combinations: AASHTO-VII-C	-381.8861	4.4334	4.1881	0.0000	-4.5477	5.3634
162	1393	Load Combinations: AASHTO-VII-D	-466.7365	1.9451	15.4308	0.0000	-16.0998	2.2489
162	1393	Load Combinations: AASHTO-I-S	-404.2807	4.8205	-0.7969	0.0000	0.5830	5.9829
162	1393	Load Combinations: AASHTO-II-S	-310.1440	1.8796	0.3459	0.0000	-0.3362	2.1864
162	1393	Load Combinations: AASHTO-III-S	-440.9268	5.2640	1.8361	0.0000	-2.2429	6.3850
162	1393	Load Combinations: AASHTO-VII-A-S	-365.3304	3.8500	3.0916	0.0000	-3.4088	4.3912
162	1393	Load Combinations: AASHTO-VII-B-S	-430.7789	1.7340	11.7467	0.0000	-12.3378	1.9907
163	1393	Load Combinations: AASHTO-I	613.8173	-6.3960	0.7199	0.0000	-0.9532	-7.5637
163	1393	Load Combinations: AASHTO-II	403.2299	-2.4771	-0.4602	0.0000	0.6851	-2.9049
163	1393	Load Combinations: AASHTO-III	593.6721	-6.7544	-2.0089	0.0000	2.8154	-8.1077
163	1393	Load Combinations: AASHTO-VII-A	475.0714	-5.0533	-3.1222	0.0000	4.3803	-5.6068
163	1393	Load Combinations: AASHTO-VII-B	560.3694	-1.8097	-11.4136	0.0000	15.8465	-2.5379
163	1393	Load Combinations: AASHTO-VII-C	381.8851	-5.7483	-3.2283	0.0000	4.5477	-5.3634
163	1393	Load Combinations: AASHTO-VII-D	466.7305	-1.5894	-11.5395	0.0000	16.0998	-2.2489
163	1393	Load Combinations: AASHTO-I-S	404.2801	-4.0991	0.4439	0.0000	-0.5830	-5.9829

LARSA 4D

Administrador
CONSTRUCTORA MOYEDA SA DE CV
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Last Analysis Run : 02/07/2009 02:32:01 p.m.

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-lbs)	Force Y (tn-lbs)	Force Z (tn-lbs)	Moment X (tn-lbs-m)	Moment Y (tn-lbs-m)	Moment Z (tn-lbs-m)
183	1393	Load Combinations: AASHTO-II-S	310.1439	-1.5306	-0.3821	0.0000	0.0382	-2.1864
183	1393	Load Combinations: AASHTO-IB-S	440.8280	-4.4605	-1.5822	0.0000	2.2426	-6.3650
183	1393	Load Combinations: AASHTO-VB-A-S	365.3297	-3.0682	-2.4131	0.0000	5.4098	-4.3912
183	1393	Load Combinations: AASHTO-VB-B-S	430.7754	-1.4054	-6.8209	0.0000	12.3378	-1.9927
183	1394	Load Combinations: AASHTO-I	-819.3308	5.3799	-0.7189	0.0000	0.2348	2.1915
183	1394	Load Combinations: AASHTO-II	-459.7434	1.9752	0.4654	0.0000	-0.2193	0.8290
183	1394	Load Combinations: AASHTO-IB	-599.1858	5.7579	2.0068	0.0000	-0.8079	2.3474
183	1394	Load Combinations: AASHTO-VB-A	-460.5848	3.9481	3.1197	0.0000	-1.2597	1.8061
183	1394	Load Combinations: AASHTO-VB-B	-585.5829	1.8079	11.4058	0.0000	-4.4367	0.7294
183	1394	Load Combinations: AASHTO-VB-C	-365.8003	3.7453	3.2265	0.0000	-1.3206	1.8169
183	1394	Load Combinations: AASHTO-VB-D	-470.8698	1.5883	11.5329	0.0000	-4.5655	0.6902
183	1394	Load Combinations: AASHTO-I-S	-409.5212	4.0957	-0.4491	0.0000	0.1390	1.7938
183	1394	Load Combinations: AASHTO-II-S	-314.3850	1.5295	0.3817	0.0000	-0.1765	0.8585
183	1394	Load Combinations: AASHTO-IB-S	-445.1891	4.4818	1.5811	0.0000	-0.6811	1.9018
183	1394	Load Combinations: AASHTO-VB-A-S	-369.5709	3.0658	2.4118	0.0000	-0.9977	1.3244
183	1394	Load Combinations: AASHTO-VB-B-S	-435.0166	1.4044	8.8162	0.0000	-3.5202	0.5859
184	1394	Load Combinations: AASHTO-I	819.3273	-2.1849	0.2344	0.0000	-0.2346	-2.1615
184	1394	Load Combinations: AASHTO-II	459.7430	-0.8300	-0.2197	0.0000	0.2193	-0.8290
184	1394	Load Combinations: AASHTO-IB	599.1812	-2.3356	-0.8090	0.0000	0.8079	-2.3474
184	1394	Load Combinations: AASHTO-VB-A	460.5823	-1.6583	-1.2811	0.0000	1.2597	-1.8561
184	1394	Load Combinations: AASHTO-VB-B	585.5726	-0.7303	-4.4433	0.0000	4.4367	-0.7294
184	1394	Load Combinations: AASHTO-VB-C	365.7979	-1.6185	-1.3218	0.0000	1.3206	-1.8169
184	1394	Load Combinations: AASHTO-VB-D	470.8554	-0.6908	-4.5689	0.0000	4.5659	-0.6902
184	1394	Load Combinations: AASHTO-I-S	409.5193	-1.7857	0.1390	0.0000	-0.1390	-1.7938
184	1394	Load Combinations: AASHTO-II-S	314.3846	-0.6071	-0.1765	0.0000	0.1763	-0.8585
184	1394	Load Combinations: AASHTO-IB-S	445.1886	-1.9039	-0.6816	0.0000	0.6811	-1.9018
184	1394	Load Combinations: AASHTO-VB-A-S	369.5694	-1.3257	-0.9985	0.0000	0.9977	-1.3244
184	1394	Load Combinations: AASHTO-VB-B-S	435.0105	-0.5865	-3.5229	0.0000	3.5202	-0.5859
184	1395	Load Combinations: AASHTO-I	-824.8408	2.1788	-0.2348	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-II	-414.2565	0.8281	0.2190	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-IB	-604.6946	2.3445	0.8070	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-VB-A	-466.0958	1.6542	1.2585	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-VB-B	-571.3660	0.7299	4.4354	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-VB-C	-369.9330	1.6156	1.3198	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-lbs)	Force Y (tn-lbs)	Force Z (tn-lbs)	Moment X (tn-lbs-m)	Moment Y (tn-lbs-m)	Moment Z (tn-lbs-m)
184	1395	Load Combinations: AASHTO-VB-D	-474.8806	0.6597	4.5631	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-I-S	-412.7605	1.7623	-0.1391	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-II-S	-318.6259	0.9560	0.1761	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-IB-S	-449.4077	1.9001	0.6808	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-VB-A-S	-373.8105	1.3233	0.9970	0.0000	0.0000	0.0000
184	1395	Load Combinations: AASHTO-VB-B-S	-439.2516	0.5855	3.5182	0.0000	0.0000	0.0000
185	1143	Load Combinations: AASHTO-I	590.2368	43.1923	-3.1726	-0.0002	25.7484	221.3838
185	1143	Load Combinations: AASHTO-II	323.0602	16.1912	-0.0621	-0.0001	10.0847	86.3790
185	1143	Load Combinations: AASHTO-IB	510.0570	43.6917	2.5467	-0.0008	25.9621	214.8891
185	1143	Load Combinations: AASHTO-VB-A	350.8025	28.3074	4.7528	-0.0005	22.1186	137.8174
185	1143	Load Combinations: AASHTO-VB-B	167.2729	14.2312	25.6798	-0.0010	32.8881	75.3350
185	1143	Load Combinations: AASHTO-VB-C	375.9563	25.8238	5.0529	-0.0004	19.4417	121.9500
185	1143	Load Combinations: AASHTO-VB-D	92.4393	11.7592	21.0403	-0.0008	30.8170	59.9025
185	1143	Load Combinations: AASHTO-I-S	593.2431	39.8094	-2.8957	-0.0001	16.8744	151.4111
185	1143	Load Combinations: AASHTO-II-S	346.4957	12.4364	-0.0631	-0.0001	11.6899	87.8923
185	1143	Load Combinations: AASHTO-IB-S	378.3829	33.0030	1.9708	-0.0004	16.8118	160.6422
185	1143	Load Combinations: AASHTO-VB-A-S	269.8701	21.7720	3.5899	-0.0003	17.2644	105.8139
185	1143	Load Combinations: AASHTO-VB-B-S	126.8306	10.9547	19.5184	-0.0005	25.8881	57.8950
185	1396	Load Combinations: AASHTO-I	-595.7404	-43.1947	3.1718	0.0002	-22.5766	-178.2964
185	1396	Load Combinations: AASHTO-II	-328.5737	-16.1615	0.0606	0.0001	-15.0233	-72.2126
185	1396	Load Combinations: AASHTO-IB	-515.5705	-43.6949	-2.3506	0.0008	-28.5105	-171.2011
185	1396	Load Combinations: AASHTO-VB-A	-356.3159	-28.3096	-4.7575	0.0005	-26.6733	-109.5112
185	1396	Load Combinations: AASHTO-VB-B	-172.7864	-14.2317	-25.6842	0.0010	-63.7741	-61.1021
185	1396	Load Combinations: AASHTO-VB-C	-279.7514	-25.8256	-5.0564	0.0004	-24.4960	-96.0270
185	1396	Load Combinations: AASHTO-VB-D	-96.5744	-11.7555	-21.0511	0.0008	-51.8622	-47.8476
185	1396	Load Combinations: AASHTO-I-S	-597.4643	-39.8021	2.0933	0.0001	-14.7811	-139.8125
185	1396	Load Combinations: AASHTO-II-S	-252.7368	-12.4366	0.0623	0.0001	-11.5972	-55.4365
185	1396	Load Combinations: AASHTO-IB-S	-362.6235	-33.0052	-1.9731	0.0004	-21.5835	-127.6459
185	1396	Load Combinations: AASHTO-VB-A-S	-274.1119	-21.7733	-3.6024	0.0003	-20.8653	-84.0427
185	1396	Load Combinations: AASHTO-VB-B-S	-133.1717	-10.9550	-19.5076	0.0005	-41.8202	-47.0405
186	1396	Load Combinations: AASHTO-I	595.7286	41.4534	-3.1730	-0.0001	22.5766	178.2964
186	1396	Load Combinations: AASHTO-II	328.5718	15.5438	-0.2540	-0.0001	15.0233	72.2126
186	1396	Load Combinations: AASHTO-III	515.5602	41.7651	1.9202	-0.0008	28.5105	171.2011
186	1396	Load Combinations: AASHTO-VB-A	356.3124	27.0405	3.9423	-0.0004	26.6733	109.5112

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
186	1396	Load Combinations: AASHTO-VB-B	172.7938	13.8606	16.1816	-0.0009	53.7741	81.1021
186	1396	Load Combinations: AASHTO-VB-C	276.7898	24.5091	4.2466	-0.0004	24.4992	96.2270
186	1396	Load Combinations: AASHTO-VB-D	96.5822	11.2459	16.3053	-0.0007	51.9623	47.8476
186	1396	Load Combinations: AASHTO-II-E	367.4788	29.2891	-2.0891	-0.0001	14.7811	120.8128
186	1396	Load Combinations: AASHTO-II-S	252.7358	11.9798	-0.2090	0.0000	11.3872	59.4985
186	1396	Load Combinations: AASHTO-IB-E	382.6177	31.5299	1.4957	-0.0003	21.5835	127.5409
186	1396	Load Combinations: AASHTO-VB-A-E	274.1092	20.7879	2.9809	-0.0003	20.8653	84.0427
186	1396	Load Combinations: AASHTO-VB-B-E	133.1761	10.5141	13.8518	-0.0005	41.8203	47.0405
186	1397	Load Combinations: AASHTO-I	-601.2421	-41.4574	3.1724	0.0001	-19.4043	-136.7568
186	1397	Load Combinations: AASHTO-II	-534.0854	-15.5648	0.2527	0.0001	-14.7703	-58.5468
186	1397	Load Combinations: AASHTO-IB	-521.0737	-41.7999	-1.8238	0.0006	-50.4523	-128.4068
186	1397	Load Combinations: AASHTO-VB-A	-361.8259	-27.0437	-3.9469	0.0004	-30.8176	-82.4714
186	1397	Load Combinations: AASHTO-VB-B	-178.3073	-13.8819	-16.1957	0.0009	-71.9620	-47.4413
186	1397	Load Combinations: AASHTO-VB-C	-283.9239	-24.6115	-4.2502	0.0004	-28.7443	-71.4183
186	1397	Load Combinations: AASHTO-VB-D	-100.7173	-11.2467	-16.3658	0.0007	-70.2223	-36.6015
186	1397	Load Combinations: AASHTO-I-E	-401.7200	-29.2716	2.0868	0.0001	-12.8823	-91.5462
186	1397	Load Combinations: AASHTO-II-E	-259.6770	-11.9713	0.2092	0.0000	-11.3886	-43.4861
186	1397	Load Combinations: AASHTO-IB-E	-366.8589	-31.5328	-1.4978	0.0003	-23.0802	-96.1124
186	1397	Load Combinations: AASHTO-VB-A-E	-276.3503	-20.7898	-2.9836	0.0003	-23.8474	-63.2052
186	1397	Load Combinations: AASHTO-VB-B-E	-137.4172	-10.5148	-13.8601	0.0005	-55.6758	-36.5264
187	1397	Load Combinations: AASHTO-I	601.2360	37.3665	-5.1182	-0.0001	19.4043	136.7568
187	1397	Load Combinations: AASHTO-II	334.0843	14.3799	-0.5571	-0.0001	14.7700	56.6466
187	1397	Load Combinations: AASHTO-IB	521.0696	38.0933	0.6958	-0.0005	30.4323	126.4068
187	1397	Load Combinations: AASHTO-VB-A	361.8251	24.8080	2.5867	-0.0004	30.8176	82.4714
187	1397	Load Combinations: AASHTO-VB-B	178.3198	12.5095	13.5827	-0.0006	71.9620	47.4413
187	1397	Load Combinations: AASHTO-VB-C	283.9239	22.3078	2.8951	-0.0003	28.7443	71.4183
187	1397	Load Combinations: AASHTO-VB-D	100.7301	10.2810	13.7953	-0.0006	70.2223	36.6015
187	1397	Load Combinations: AASHTO-I-E	401.7174	26.6825	-2.0491	-0.0001	12.8823	91.5462
187	1397	Load Combinations: AASHTO-II-E	259.6783	11.0539	-0.4397	0.0000	11.3886	43.4861
187	1397	Load Combinations: AASHTO-IB-E	366.8588	28.8946	0.7158	-0.0003	23.0802	96.1124
187	1397	Load Combinations: AASHTO-VB-A-E	276.3499	18.9117	1.9489	-0.0002	23.8474	63.2052
187	1397	Load Combinations: AASHTO-VB-B-E	137.4246	9.6663	10.3386	-0.0004	55.6758	36.5264
187	1398	Load Combinations: AASHTO-I	-606.7495	-37.3818	3.1178	0.0001	-19.2968	-98.7731
187	1398	Load Combinations: AASHTO-II	-339.5977	-14.3784	0.5556	0.0001	-14.2135	-42.2733

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
187	1398	Load Combinations: AASHTO-IB	-526.5829	-56.2869	-0.8391	0.0005	-91.3299	-91.3172
187	1398	Load Combinations: AASHTO-VB-A	-367.3399	-24.6120	-2.5829	0.0004	-33.4082	-57.8695
187	1398	Load Combinations: AASHTO-VB-B	-185.8334	-12.5810	-13.8061	0.0006	-85.5809	-54.8819
187	1398	Load Combinations: AASHTO-VB-C	-288.0690	-22.3187	-2.8962	0.0003	-31.8407	-48.1186
187	1398	Load Combinations: AASHTO-VB-D	-104.8902	-10.2821	-13.7953	0.0006	-84.0123	-26.3202
187	1398	Load Combinations: AASHTO-II-E	-405.9588	-26.6956	2.0489	0.0001	-10.9438	-64.8537
187	1398	Load Combinations: AASHTO-II-S	-261.2175	-11.0548	0.4391	0.0000	-10.9402	-32.4525
187	1398	Load Combinations: AASHTO-IB-S	-381.0078	-28.8983	-0.7177	0.0003	-23.7968	-67.4186
187	1398	Load Combinations: AASHTO-VB-A-E	-282.5810	-18.9141	-1.9494	0.0002	-25.7954	-44.3439
187	1398	Load Combinations: AASHTO-VB-B-E	-141.8658	-9.6674	-10.3465	0.0004	-66.0180	-26.8599
188	1398	Load Combinations: AASHTO-I	606.7496	33.1344	-2.9853	-0.0001	16.2868	98.7731
188	1398	Load Combinations: AASHTO-II	339.5974	12.7017	-0.8090	0.0000	14.2135	42.2733
188	1398	Load Combinations: AASHTO-IB	526.5844	32.9668	-0.3429	-0.0004	31.3298	91.3172
188	1398	Load Combinations: AASHTO-VB-A	367.3403	21.2601	0.9264	-0.0003	33.4082	57.8695
188	1398	Load Combinations: AASHTO-VB-B	183.8482	11.0258	7.8674	-0.0006	85.5809	54.8819
188	1398	Load Combinations: AASHTO-VB-C	288.0808	19.1629	1.2290	-0.0002	31.8407	48.1186
188	1398	Load Combinations: AASHTO-VB-D	104.8801	8.8520	6.0797	-0.0005	84.0123	26.3202
188	1398	Load Combinations: AASHTO-II-E	405.9587	23.1315	-1.9638	0.0000	10.9438	64.8537
188	1398	Load Combinations: AASHTO-II-S	261.2173	9.7634	-0.7078	0.0000	10.9402	32.4525
188	1398	Load Combinations: AASHTO-IB-S	381.0067	24.7002	-0.2275	-0.0002	23.7969	67.4186
188	1398	Load Combinations: AASHTO-VB-A-E	282.5820	16.3353	0.8772	-0.0002	25.7954	44.3439
188	1398	Load Combinations: AASHTO-VB-B-E	141.8748	8.4871	5.9570	-0.0003	66.0180	26.8599
189	1399	Load Combinations: AASHTO-I	-612.2821	-33.1406	2.9931	0.0001	-13.2940	-95.8404
189	1399	Load Combinations: AASHTO-II	-545.1159	-12.7039	0.8079	0.0000	-15.3051	-29.5717
189	1399	Load Combinations: AASHTO-IB	-532.0878	-32.9767	0.3378	0.0004	-30.9904	-58.3480
189	1399	Load Combinations: AASHTO-VB-A	-372.8538	-21.2646	-0.9303	0.0003	-34.3364	-36.6030
189	1399	Load Combinations: AASHTO-VB-B	-189.3618	-11.0276	-7.8600	0.0006	-85.4342	-23.9554
189	1399	Load Combinations: AASHTO-VB-C	-292.1992	-19.1681	-1.2318	0.0002	-32.8711	-28.9474
189	1399	Load Combinations: AASHTO-VB-D	-109.0152	-8.8532	-6.0891	0.0005	-82.0965	-17.3078
189	1399	Load Combinations: AASHTO-II-S	-410.1998	-23.1351	1.9838	0.0000	-8.6800	-41.7229
188	1399	Load Combinations: AASHTO-II-E	-265.4584	-9.7645	0.7072	0.0000	-10.2418	-22.6682
188	1399	Load Combinations: AASHTO-IB-S	-385.3399	-24.7942	0.2257	0.0002	-23.5703	-42.6287
188	1399	Load Combinations: AASHTO-VB-A-S	-286.8332	-16.3360	-0.8795	0.0002	-26.4757	-28.0061
188	1399	Load Combinations: AASHTO-VB-B-S	-145.9156	-8.4887	-5.9644	0.0003	-71.9785	-18.3724

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
189	1399	Load Combinations: AASHTO-I	812.2857	27.3099	-2.7905	-0.0001	13.2340	65.6404
189	1399	Load Combinations: AASHTO-II	345.1111	10.8697	-1.2587	0.0000	13.3051	29.5717
189	1399	Load Combinations: AASHTO-III	532.1035	28.9678	-1.8298	-0.0003	30.9904	58.3490
189	1399	Load Combinations: AASHTO-VB-A	572.8572	17.2969	-0.8379	-0.0002	34.3364	36.4030
189	1399	Load Combinations: AASHTO-VB-B	189.3762	9.1825	1.6974	-0.0005	93.4342	23.8954
189	1399	Load Combinations: AASHTO-VB-C	292.1994	15.4011	-0.5460	-0.0002	32.5711	28.5474
189	1399	Load Combinations: AASHTO-VB-D	108.0267	7.3888	1.9156	-0.0004	92.2865	17.3678
189	1399	Load Combinations: AASHTO-II-S	410.2021	18.8924	-1.8317	0.0000	8.8800	41.7226
189	1399	Load Combinations: AASHTO-II-E	295.4585	8.2000	-0.6740	0.0000	10.2418	23.6692
189	1399	Load Combinations: AASHTO-III-S	695.3432	29.1552	-1.2120	-0.0001	23.5703	42.8267
189	1399	Load Combinations: AASHTO-VB-A-S	286.8351	13.2899	-0.8781	-0.0001	26.4737	28.0061
189	1399	Load Combinations: AASHTO-VB-B-S	140.8241	7.0699	1.2280	-0.0003	71.9795	18.3734
189	1400	Load Combinations: AASHTO-I	-617.7782	-27.3167	2.7954	0.0001	-10.4990	-36.3311
189	1400	Load Combinations: AASHTO-II	-350.8245	-10.6718	1.2378	0.0000	-12.0470	-18.9018
189	1400	Load Combinations: AASHTO-III	-537.6199	-26.6752	1.8270	0.0003	-28.3622	-31.4809
189	1400	Load Combinations: AASHTO-VB-A	-376.3707	-17.2918	0.8344	0.0002	-33.5069	-16.3152
189	1400	Load Combinations: AASHTO-VB-B	-194.8897	-8.1845	-1.6991	0.0005	-95.1274	-14.6732
189	1400	Load Combinations: AASHTO-VB-C	-298.3345	-15.4548	0.5433	0.0002	-32.3265	-14.4957
189	1400	Load Combinations: AASHTO-VB-D	-113.1648	-7.3792	-1.9245	0.0004	-94.2188	-8.9985
189	1400	Load Combinations: AASHTO-II-S	-414.4433	-18.8963	1.8317	0.0000	-8.8484	-22.8301
189	1400	Load Combinations: AASHTO-II-E	-299.6997	-8.2013	0.6735	0.0000	-9.2981	-14.4690
189	1400	Load Combinations: AASHTO-III-S	-699.5844	-29.1596	1.2104	0.0001	-22.3582	-22.4732
189	1400	Load Combinations: AASHTO-VB-A-S	-291.0763	-13.2839	0.8680	0.0001	-25.8047	-14.7286
189	1400	Load Combinations: AASHTO-VB-B-S	-150.1653	-7.0711	-1.2359	0.0002	-73.2109	-11.3022
190	1400	Load Combinations: AASHTO-I	617.7857	30.9927	-2.7314	0.0000	10.4990	36.3311
190	1400	Load Combinations: AASHTO-II	350.8252	8.4291	-1.2078	0.0000	12.0470	18.9018
190	1400	Load Combinations: AASHTO-III	537.6252	29.2939	-2.8358	-0.0002	29.3622	31.4809
190	1400	Load Combinations: AASHTO-VB-A	376.3748	12.8886	-2.5280	-0.0001	33.5083	16.3152
190	1400	Load Combinations: AASHTO-VB-B	194.8924	7.1954	-4.3460	-0.0003	95.1274	14.6722
190	1400	Load Combinations: AASHTO-VB-C	298.3398	11.4624	-2.2522	-0.0001	32.3265	14.4957
190	1400	Load Combinations: AASHTO-VB-D	113.1774	5.8501	-4.1062	-0.0003	94.0199	8.9985
190	1400	Load Combinations: AASHTO-II-S	414.4470	14.3022	-1.8566	0.0000	8.8484	22.8301
190	1400	Load Combinations: AASHTO-II-S	299.7000	6.4774	-1.2074	0.0000	9.2981	14.4690
190	1400	Load Combinations: AASHTO-III-S	699.5892	15.1498	-2.1347	-0.0001	22.3582	22.4732

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
190	1400	Load Combinations: AASHTO-VB-A-S	291.0788	9.9844	-1.8588	-0.0001	25.8047	14.7286
190	1400	Load Combinations: AASHTO-VB-B-S	150.1727	5.5191	-3.3854	-0.0002	73.2109	11.3022
190	1401	Load Combinations: AASHTO-I	-623.2982	-20.9678	2.5514	0.0002	-7.9680	-17.5699
190	1401	Load Combinations: AASHTO-II	-356.1387	-8.4315	1.5847	0.0000	-10.4821	-10.4722
190	1401	Load Combinations: AASHTO-III	-543.1387	-20.2752	2.8333	0.0002	-26.5280	-11.2141
190	1401	Load Combinations: AASHTO-VB-A	-383.8854	-13.0815	2.5229	0.0001	-30.9762	-6.3174
190	1401	Load Combinations: AASHTO-VB-B	-200.4158	-7.1476	4.3352	0.0003	-90.7870	-7.3061
190	1401	Load Combinations: AASHTO-VB-C	-300.4737	-11.4659	2.2467	0.0001	-30.0757	-3.5324
190	1401	Load Combinations: AASHTO-VB-D	-117.3125	-5.8016	4.1002	0.0003	-89.9125	-4.3478
190	1401	Load Combinations: AASHTO-II-S	-416.8881	-14.3063	1.8398	0.0000	-8.1918	-8.5273
190	1401	Load Combinations: AASHTO-II-S	-273.9412	-6.4788	1.2069	0.0000	-8.0811	-7.8813
190	1401	Load Combinations: AASHTO-III-S	-403.8304	-15.1542	2.1333	0.0001	-20.2254	-7.3226
190	1401	Load Combinations: AASHTO-VB-A-S	-295.3196	-9.9873	1.9967	0.0001	-23.8472	-4.7410
190	1401	Load Combinations: AASHTO-VB-B-S	-154.4138	-5.5254	3.3750	0.0002	-69.8289	-5.7826
191	1401	Load Combinations: AASHTO-I	623.3071	14.5494	-2.2135	0.0000	7.9680	17.3899
191	1401	Load Combinations: AASHTO-II	356.1396	8.1345	-1.7974	0.0000	10.4821	10.4722
191	1401	Load Combinations: AASHTO-III	543.1480	13.6486	-3.8483	-0.0001	26.5280	11.2141
191	1401	Load Combinations: AASHTO-VB-A	383.8829	8.8982	-3.9858	-0.0001	30.9762	6.3174
191	1401	Load Combinations: AASHTO-VB-B	200.4256	5.1143	-8.7096	-0.0002	90.7870	7.5061
191	1401	Load Combinations: AASHTO-VB-C	300.4777	7.4855	-3.7574	-0.0001	30.0757	3.0524
191	1401	Load Combinations: AASHTO-VB-D	117.3221	3.9164	-6.4722	-0.0002	89.9125	4.3478
191	1401	Load Combinations: AASHTO-II-S	416.8924	9.6909	-1.4473	0.0000	8.1918	8.5273
191	1401	Load Combinations: AASHTO-II-E	273.9417	4.7139	-1.3834	0.0000	8.0811	7.8813
191	1401	Load Combinations: AASHTO-III-S	403.8357	10.1350	-2.9097	-0.0001	20.2254	7.3226
191	1401	Load Combinations: AASHTO-VB-A-S	295.3229	6.6832	-3.0726	-0.0001	23.8472	4.7410
191	1401	Load Combinations: AASHTO-VB-B-S	154.4195	3.5418	-7.4883	-0.0001	69.8289	5.7826
191	1402	Load Combinations: AASHTO-I	-626.8208	-14.5557	2.2136	0.0000	-5.7547	-2.8250
191	1402	Load Combinations: AASHTO-II	-361.8530	-8.1372	1.7967	0.0000	-8.6852	-4.3367
191	1402	Load Combinations: AASHTO-III	-548.9615	-13.6464	3.8441	0.0001	-22.6833	2.4286
191	1402	Load Combinations: AASHTO-VB-A	-389.4064	-8.7232	3.9629	0.0001	-26.9922	3.3625
191	1402	Load Combinations: AASHTO-VB-B	-205.9391	-5.1166	8.6899	0.0002	-81.0828	-2.5808
191	1402	Load Combinations: AASHTO-VB-C	-304.8129	-7.4891	3.7352	0.0001	-26.3397	4.4044
191	1402	Load Combinations: AASHTO-VB-D	-121.4572	-3.9179	6.4648	0.0002	-80.4443	-0.4308
191	1402	Load Combinations: AASHTO-II-S	-422.9335	-9.6950	1.4474	0.0000	-3.7446	1.1647

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
191	1402	Load Combinations: AASHTO-II-S	-278.1828	-4.7153	1.3830	0.0000	-6.6780	-3.2770
191	1402	Load Combinations: AASHTO-IB-S	-406.0798	-10.1300	2.8084	0.0001	-17.3167	2.8136
191	1402	Load Combinations: AASHTO-VB-A-S	-290.5837	-6.6852	3.0708	0.0001	-20.7757	1.9418
191	1402	Load Combinations: AASHTO-VB-B-S	-158.8807	-3.5431	7.4805	0.0001	-62.3456	-1.8404
192	1402	Load Combinations: AASHTO-I	629.8285	9.5050	-1.9583	0.0000	5.7547	2.8250
192	1402	Load Combinations: AASHTO-II	361.8540	3.9405	-1.9282	0.0000	9.6853	4.3367
192	1402	Load Combinations: AASHTO-IB	548.6703	7.4579	-4.0873	-0.0001	22.8833	-2.4286
192	1402	Load Combinations: AASHTO-VB-A	399.4104	4.8915	-3.8882	-0.0001	26.9822	-2.3625
192	1402	Load Combinations: AASHTO-VB-B	255.8455	3.1568	-13.9525	-0.0001	81.0826	2.3989
192	1402	Load Combinations: AASHTO-VB-C	304.8184	5.7569	-4.8716	0.0000	26.3397	-4.4544
192	1402	Load Combinations: AASHTO-VB-D	121.4635	3.2951	-15.7246	-0.0001	80.4443	0.4307
193	1402	Load Combinations: AASHTO-II-S	422.8877	5.3791	-1.2136	0.0000	5.7446	-1.1647
193	1402	Load Combinations: AASHTO-IB-S	278.1834	3.0272	-1.4830	0.0000	6.8780	3.2770
193	1402	Load Combinations: AASHTO-IB-S	408.0818	5.4869	-3.4651	0.0000	17.3167	-2.8136
193	1402	Load Combinations: AASHTO-VB-A-S	299.5881	3.6037	-3.8133	0.0000	20.7757	-1.9418
193	1402	Load Combinations: AASHTO-VB-B-S	158.8845	2.4435	-10.7274	-0.0001	62.3459	1.8404
193	1403	Load Combinations: AASHTO-I	-634.3420	-8.5123	1.8584	0.0000	-3.8967	5.6824
193	1403	Load Combinations: AASHTO-II	-367.1674	-3.9436	1.9286	0.0000	-8.7564	-5.3953
193	1403	Load Combinations: AASHTO-IB	-554.1838	-7.4656	4.3952	0.0001	-16.1177	5.8894
193	1403	Load Combinations: AASHTO-VB-A	-394.8239	-4.8985	5.0803	0.0001	-21.9058	7.0760
193	1403	Load Combinations: AASHTO-VB-B	-211.4590	-3.1590	13.9413	0.0001	-67.1374	0.7769
193	1403	Load Combinations: AASHTO-VB-C	-306.7516	-5.8025	4.8896	0.0000	-21.4895	8.2548
193	1403	Load Combinations: AASHTO-VB-D	-125.5898	-3.2896	13.7178	0.0001	-66.7235	1.8551
192	1403	Load Combinations: AASHTO-II-S	-427.1799	-5.3832	1.2139	0.0000	-2.5309	6.5453
192	1403	Load Combinations: AASHTO-IB-S	-282.4245	-3.0287	1.4827	0.0000	-5.1952	-5.3493
192	1403	Load Combinations: AASHTO-IB-S	-412.3231	-5.4854	3.4639	0.0000	-13.8529	8.2763
192	1403	Load Combinations: AASHTO-VB-A-S	-303.8073	-3.8088	3.8117	0.0000	-16.6938	5.5466
192	1403	Load Combinations: AASHTO-VB-B-S	-162.9056	-2.4449	10.7220	0.0001	-51.8214	0.8037
193	1403	Load Combinations: AASHTO-I	634.3489	8.2744	-1.4837	0.0000	3.8967	-5.5824
193	1403	Load Combinations: AASHTO-II	367.1683	1.9951	-1.9404	0.0000	8.7564	5.3953
193	1403	Load Combinations: AASHTO-IB	554.1812	2.1809	-4.8179	0.0000	16.1177	-5.8894
193	1403	Load Combinations: AASHTO-VB-A	394.8271	1.2420	-5.7303	0.0000	21.9058	-7.0760
193	1403	Load Combinations: AASHTO-VB-B	211.4623	1.4952	-16.8671	-0.0001	67.1374	-0.7769
193	1403	Load Combinations: AASHTO-VB-C	306.7543	0.6667	-5.5411	0.0000	21.4895	-8.2548

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
193	1403	Load Combinations: AASHTO-VB-D	125.6019	0.8660	-16.4665	0.0000	66.7235	-1.8551
193	1403	Load Combinations: AASHTO-II-S	427.1824	1.6729	-0.9681	0.0000	2.5309	-6.5453
193	1403	Load Combinations: AASHTO-IB-S	282.4250	1.5312	-1.4805	0.0000	5.1952	5.3493
193	1403	Load Combinations: AASHTO-IB-S	412.3273	1.4811	-3.7393	0.0000	13.8529	-8.2763
193	1403	Load Combinations: AASHTO-VB-A-S	303.8091	0.9669	-4.5949	0.0000	16.9639	-5.5466
193	1403	Load Combinations: AASHTO-VB-B-S	162.9075	1.1258	-12.8028	0.0000	51.8214	-0.8037
193	1404	Load Combinations: AASHTO-I	-639.8624	-3.2816	1.4838	0.0000	-2.4131	8.9598
193	1404	Load Combinations: AASHTO-II	-372.6818	-1.8975	1.8399	0.0000	-4.8160	1.8068
193	1404	Load Combinations: AASHTO-IB	-559.7047	-2.1685	4.9161	0.0000	-13.3013	12.0536
193	1404	Load Combinations: AASHTO-VB-A	-400.4408	-1.2868	5.7177	0.0000	-16.1874	8.3404
193	1404	Load Combinations: AASHTO-VB-B	-216.9758	-1.4574	16.6985	0.0001	-50.4755	2.2331
193	1404	Load Combinations: AASHTO-VB-C	-312.8895	-0.6701	5.5363	0.0000	-15.8297	8.9232
193	1404	Load Combinations: AASHTO-VB-D	-129.7389	-0.8699	16.4921	0.0000	-50.2907	2.7242
193	1404	Load Combinations: AASHTO-II-S	-431.4236	-1.6769	0.9682	0.0000	-1.5629	8.2269
193	1404	Load Combinations: AASHTO-IB-S	-286.6862	-1.5338	1.4902	0.0000	-3.7050	1.2825
193	1404	Load Combinations: AASHTO-IB-S	-416.5685	-1.4655	3.7362	0.0000	-10.1142	8.7386
193	1404	Load Combinations: AASHTO-VB-A-S	-306.0503	-0.9696	4.5934	0.0000	-12.4697	6.5149
193	1404	Load Combinations: AASHTO-VB-B-S	-167.1467	-1.1271	12.7978	0.0000	-38.8218	1.7301
194	1404	Load Combinations: AASHTO-I	639.8677	-0.7392	-1.1078	0.0000	2.4131	-8.9598
194	1404	Load Combinations: AASHTO-II	372.8825	0.4409	-1.8128	0.0000	4.8185	-1.8068
194	1404	Load Combinations: AASHTO-IB	559.7100	-1.8277	-4.8250	0.0000	13.3013	-12.0536
194	1404	Load Combinations: AASHTO-VB-A	400.4427	-1.3185	-5.7787	0.0000	16.1874	-8.3404
194	1404	Load Combinations: AASHTO-VB-B	216.9761	0.1058	-17.4905	0.0000	50.4755	-2.2331
194	1404	Load Combinations: AASHTO-VB-C	312.8913	-1.6664	-5.6420	0.0000	15.8297	-8.9232
194	1404	Load Combinations: AASHTO-VB-D	129.7373	-0.2268	-17.3305	0.0000	50.2907	-2.7242
194	1404	Load Combinations: AASHTO-II-S	431.4262	-1.1362	-0.7216	0.0000	1.5629	-8.2269
194	1404	Load Combinations: AASHTO-IB-S	286.6868	0.3346	-1.3821	0.0000	3.7050	-1.2825
194	1404	Load Combinations: AASHTO-IB-S	416.5715	-1.5472	-3.8764	0.0000	10.1142	-8.7386
194	1404	Load Combinations: AASHTO-VB-A-S	306.0515	-1.0205	-4.4390	0.0000	12.4697	-6.5149
194	1404	Load Combinations: AASHTO-VB-B-S	167.1489	0.0858	-13.4304	0.0000	38.8218	-1.7301
194	1405	Load Combinations: AASHTO-I	-645.3812	0.7320	1.1060	0.0000	-1.3054	8.2243
194	1405	Load Combinations: AASHTO-II	-378.1992	-0.4433	1.8123	0.0000	-3.0841	2.0429
194	1405	Load Combinations: AASHTO-IB	-565.2235	1.8202	4.8233	0.0000	-8.3779	10.2301
194	1405	Load Combinations: AASHTO-VB-A	-405.9562	1.3137	5.7764	0.0000	-10.4104	7.5244

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
194	1405	Load Combinations: AASHTO-VB-B	-222.4696	-0.1060	17.4824	0.0000	-32.9899	2.3399
194	1405	Load Combinations: AASHTO-VB-C	-317.0264	1.6570	5.6402	0.0000	-10.2990	7.2646
194	1405	Load Combinations: AASHTO-VB-D	-133.8723	0.2253	17.3244	0.0000	-32.9339	2.4962
194	1405	Load Combinations: AASHTO-I-S	-435.6874	1.1322	0.7217	0.0000	-0.8412	7.0959
194	1405	Load Combinations: AASHTO-B-S	-290.9077	-0.3360	1.3918	0.0000	-2.3132	1.8178
194	1405	Load Combinations: AASHTO-IB-S	-435.8126	1.5428	3.6754	0.0000	-6.4367	8.1946
194	1405	Load Combinations: AASHTO-VB-A-S	-311.2827	1.0176	4.4376	0.0000	-8.0317	5.4959
194	1405	Load Combinations: AASHTO-VB-B-S	-171.3800	-0.5868	13.4256	0.0000	-25.3943	1.8163
195	1405	Load Combinations: AASHTO-I	845.3842	-0.1408	-0.7479	0.0000	1.3054	-0.2249
195	1405	Load Combinations: AASHTO-E	576.1664	-0.5849	-1.5264	0.0000	5.0041	-2.0429
195	1405	Load Combinations: AASHTO-IE	960.2265	-4.1085	-4.2187	0.0000	8.3779	-10.2301
195	1405	Load Combinations: AASHTO-VB-A	405.9572	-2.7691	-5.1632	0.0000	10.4164	-7.0244
195	1405	Load Combinations: AASHTO-VB-B	222.4670	-0.7599	-16.0912	0.0000	32.9899	-2.3399
195	1405	Load Combinations: AASHTO-VB-C	317.0271	-2.9402	-5.0725	0.0000	10.2890	-7.2646
195	1405	Load Combinations: AASHTO-VB-D	133.8696	-0.8977	-15.9586	0.0000	32.9338	-2.4962
195	1405	Load Combinations: AASHTO-I-S	435.8689	-2.7671	-0.4857	0.0000	0.8412	-7.0859
195	1405	Load Combinations: AASHTO-B-S	290.9080	-0.4578	-1.1740	0.0000	2.3132	-1.8178
195	1405	Load Combinations: AASHTO-IB-S	435.8142	-3.2582	-3.2216	0.0000	6.4367	-8.1946
195	1405	Load Combinations: AASHTO-VB-A-S	312.2832	-2.1585	-3.9668	0.0000	8.0317	-5.4959
195	1405	Load Combinations: AASHTO-VB-B-S	171.2895	-0.5839	-12.3362	0.0000	25.3943	-1.8163
195	1406	Load Combinations: AASHTO-I	-850.8877	3.1338	0.7481	0.0000	-0.5576	5.0675
195	1406	Load Combinations: AASHTO-E	-583.7099	0.5825	1.5279	0.0000	-1.4761	1.4592
195	1406	Load Combinations: AASHTO-IE	-570.7397	4.0932	4.2151	0.0000	-4.1026	8.1338
195	1406	Load Combinations: AASHTO-VB-A	-411.4709	2.7833	5.1609	0.0000	-6.2489	4.2399
195	1406	Load Combinations: AASHTO-VB-B	-228.0005	0.7577	16.0534	0.0000	-16.8335	1.5812
195	1406	Load Combinations: AASHTO-VB-C	-321.1622	2.9368	5.0709	0.0000	-6.2178	4.3263
195	1406	Load Combinations: AASHTO-VB-D	-139.0047	0.8963	15.9528	0.0000	-16.8787	1.6012
195	1406	Load Combinations: AASHTO-I-S	-439.9105	2.7632	0.4858	0.0000	-0.3555	4.3210
195	1406	Load Combinations: AASHTO-B-S	-295.1491	0.4564	1.1738	0.0000	-1.1394	1.1607
195	1406	Load Combinations: AASHTO-IB-S	-425.0693	3.2537	3.2206	0.0000	-3.2179	4.8391
195	1406	Load Combinations: AASHTO-VB-A-S	-316.5344	2.1556	3.9675	0.0000	-4.0839	3.3390
195	1406	Load Combinations: AASHTO-VB-B-S	-175.8296	0.5826	12.3317	0.0000	-13.0609	1.2331
196	1406	Load Combinations: AASHTO-I	850.8982	-3.5423	-0.4197	0.0000	0.5576	-5.0675
196	1406	Load Combinations: AASHTO-E	583.7100	-0.9479	-1.0677	0.0000	1.4761	-1.4592

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
196	1406	Load Combinations: AASHTO-IE	570.7395	-4.2505	-5.0179	0.0000	4.1026	-8.1338
196	1406	Load Combinations: AASHTO-VB-A	411.4701	-2.8879	-5.1686	0.0000	6.2489	-4.2399
196	1406	Load Combinations: AASHTO-VB-B	227.9645	-1.0222	-12.0080	0.0000	16.8335	-1.5812
196	1406	Load Combinations: AASHTO-VB-C	321.1616	-2.9333	-5.7272	0.0000	6.2178	-4.3263
196	1406	Load Combinations: AASHTO-VB-D	137.9689	-1.0428	-11.9814	0.0000	16.8787	-1.6012
196	1406	Load Combinations: AASHTO-I-S	439.9102	-2.8427	-0.2704	0.0000	0.3555	-4.3210
196	1406	Load Combinations: AASHTO-B-S	295.1492	-0.7432	-0.8216	0.0000	1.1394	-1.1607
196	1406	Load Combinations: AASHTO-IB-S	425.0693	-3.3691	-2.3176	0.0000	3.2179	-4.8391
196	1406	Load Combinations: AASHTO-VB-A-S	316.5341	-2.2453	-2.9048	0.0000	4.0839	-3.3390
196	1406	Load Combinations: AASHTO-VB-B-S	175.8291	-0.7909	-8.2369	0.0000	13.0609	-1.2331
196	1407	Load Combinations: AASHTO-I	-856.4117	5.5353	0.4199	0.0000	-0.1378	1.5493
196	1407	Load Combinations: AASHTO-E	-589.2235	0.9456	1.0673	0.0000	-0.4087	0.5125
196	1407	Load Combinations: AASHTO-IE	-576.2530	6.2482	3.0163	0.0000	-1.1458	1.8826
196	1407	Load Combinations: AASHTO-VB-A	-416.9636	2.8632	3.7699	0.0000	-1.4813	1.3039
196	1407	Load Combinations: AASHTO-VB-B	-233.5080	1.0201	12.0084	0.0000	-4.9299	0.5801
196	1407	Load Combinations: AASHTO-VB-C	-325.2967	2.9300	3.7259	0.0000	-1.4817	1.3948
196	1407	Load Combinations: AASHTO-VB-D	-142.1340	1.0419	11.9757	0.0000	-0.0005	0.5991
196	1407	Load Combinations: AASHTO-I-S	-444.1513	2.8399	0.2705	0.0000	-0.0851	1.3906
196	1407	Load Combinations: AASHTO-B-S	-299.3654	0.7418	0.8214	0.0000	-0.3179	0.4183
196	1407	Load Combinations: AASHTO-IB-S	-429.2994	3.3648	2.3186	0.0000	-0.0011	1.5725
196	1407	Load Combinations: AASHTO-VB-A-S	-320.7752	2.2463	2.9035	0.0000	-1.1599	1.0913
196	1407	Load Combinations: AASHTO-VB-B-S	-179.9673	0.7897	9.2324	0.0000	-3.8286	0.4428
197	1407	Load Combinations: AASHTO-I	856.4092	-1.5530	-0.1377	0.0000	0.1378	-1.5493
197	1407	Load Combinations: AASHTO-E	589.2232	-0.5136	-0.4089	0.0000	0.4087	-0.5125
197	1407	Load Combinations: AASHTO-IE	576.2493	-1.9805	-1.1468	0.0000	1.1458	-1.8826
197	1407	Load Combinations: AASHTO-VB-A	416.9614	-1.3591	-1.4829	0.0000	1.4815	-1.3039
197	1407	Load Combinations: AASHTO-VB-B	233.4980	-0.5012	-4.9340	0.0000	4.9299	-0.5801
197	1407	Load Combinations: AASHTO-VB-C	325.2946	-1.3967	-1.4828	0.0000	1.4817	-1.3948
197	1407	Load Combinations: AASHTO-VB-D	142.1241	-0.5398	-5.0035	0.0000	5.0005	-0.5991
197	1407	Load Combinations: AASHTO-I-S	444.1499	-1.3827	-0.0851	0.0000	0.0851	-1.3906
197	1407	Load Combinations: AASHTO-B-S	299.3662	-0.4190	-0.3181	0.0000	0.3179	-0.4183
197	1407	Load Combinations: AASHTO-IB-S	429.2943	-1.5748	-0.9016	0.0000	0.9011	-1.5725
197	1407	Load Combinations: AASHTO-VB-A-S	320.7739	-1.0028	-1.1601	0.0000	1.1599	-1.0913
197	1407	Load Combinations: AASHTO-VB-B-S	179.9674	-0.4435	-3.8290	0.0000	3.8286	-0.4428

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
197	1408	Load Combinations: AASHTO-I	-691.9227	1.5460	0.1379	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-II	-394.7367	0.5114	0.4085	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-III	-581.7628	1.8702	1.1462	0.0002	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-A	-422.4648	1.3514	1.4606	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-B	-239.0115	0.5391	4.9264	0.0003	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-C	-329.4297	1.3934	1.4909	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-D	-146.2583	0.5394	4.9678	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-I-S	-448.3911	1.3788	0.0852	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-II-S	-303.6313	0.4176	0.3175	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-III-S	-433.5354	1.5706	0.9957	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-A-S	-325.0151	1.0900	1.1594	0.0000	0.0000	0.0000
197	1408	Load Combinations: AASHTO-VII-B-S	-184.1229	0.4422	3.8246	0.0000	0.0000	0.0000
198	1153	Load Combinations: AASHTO-I	590.2289	43.1923	3.1728	0.0002	-25.7464	221.3939
198	1153	Load Combinations: AASHTO-II	346.9101	16.3397	3.2956	0.0000	-11.8525	89.6985
198	1153	Load Combinations: AASHTO-III	583.7437	43.6187	6.3749	-0.0005	-21.2533	216.3091
198	1153	Load Combinations: AASHTO-VII-A	446.6316	29.0546	5.5612	-0.0004	-10.3620	143.9599
198	1153	Load Combinations: AASHTO-VII-B	493.2701	16.8432	24.3150	-0.0011	5.4984	95.7782
198	1153	Load Combinations: AASHTO-VII-C	373.2898	29.5381	5.4390	-0.0003	-7.7591	128.0361
198	1153	Load Combinations: AASHTO-VII-D	417.7202	14.2239	23.7501	-0.0009	9.8394	80.2082
198	1153	Load Combinations: AASHTO-I-S	393.2451	30.6004	2.0857	0.0001	-18.8744	151.4111
198	1153	Load Combinations: AASHTO-II-S	266.8040	12.5774	2.5207	0.0000	-9.0749	69.0969
198	1153	Load Combinations: AASHTO-III-S	434.8691	32.9699	6.3142	-0.0002	-15.4033	161.9267
198	1153	Load Combinations: AASHTO-VII-A-S	344.9707	22.3280	5.7716	-0.0002	-8.2111	110.5798
198	1153	Load Combinations: AASHTO-VII-B-S	379.1795	12.8618	18.5459	-0.0006	4.8715	73.8722
198	1409	Load Combinations: AASHTO-I	-395.7404	-43.1947	-3.1719	-0.0002	22.5799	-178.2064
198	1409	Load Combinations: AASHTO-II	-352.4239	-16.3400	-3.2962	0.0000	9.5687	-73.5500
198	1409	Load Combinations: AASHTO-III	-589.2571	-43.6218	-6.3775	0.0005	12.5783	-172.8953
198	1409	Load Combinations: AASHTO-VII-A	-454.1650	-29.0068	-5.8600	0.0004	2.1198	-114.9562
198	1409	Load Combinations: AASHTO-VII-B	-498.7836	-16.6451	-24.3288	0.0011	-29.8174	-76.1370
198	1409	Load Combinations: AASHTO-VII-C	-377.4240	-29.5397	-5.4419	0.0003	-0.6807	-101.4996
198	1409	Load Combinations: AASHTO-VII-D	-421.8553	-14.2239	-23.7600	0.0009	-33.0923	-65.0858
198	1409	Load Combinations: AASHTO-I-S	-397.4843	-30.6021	-2.0933	-0.0001	14.7811	-120.8128
198	1409	Load Combinations: AASHTO-II-S	-271.0452	-12.5775	-2.5210	0.0000	6.5542	-56.4903
198	1409	Load Combinations: AASHTO-III-S	-439.1093	-32.9704	-6.3157	0.0002	9.0690	-128.9606

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
199	1409	Load Combinations: AASHTO-VII-A-S	-349.2118	-22.3292	-6.7738	0.0002	1.4390	-88.2469
199	1409	Load Combinations: AASHTO-VII-B-S	-383.4236	-12.8617	-18.5541	0.0006	-23.5188	-61.0116
199	1409	Load Combinations: AASHTO-I	595.7286	41.4934	3.1730	0.0001	-22.5786	178.2264
199	1409	Load Combinations: AASHTO-II	352.4216	15.7448	3.0636	0.0000	-8.5867	73.5500
199	1409	Load Combinations: AASHTO-III	589.2483	41.7660	7.7449	-0.0004	-12.6783	172.8950
199	1409	Load Combinations: AASHTO-VII-A	454.1607	27.7559	6.0390	-0.0003	-2.1198	114.9562
199	1409	Load Combinations: AASHTO-VII-B	498.7894	16.1049	21.5846	-0.0010	29.8174	76.1370
199	1409	Load Combinations: AASHTO-VII-C	377.4207	25.3377	7.9337	-0.0003	0.6807	101.4996
199	1409	Load Combinations: AASHTO-VII-D	421.8618	13.7364	21.0322	-0.0008	33.0823	65.0858
199	1409	Load Combinations: AASHTO-I-S	397.4789	29.2691	2.0691	0.0001	-14.7811	120.8128
199	1409	Load Combinations: AASHTO-II-S	271.0440	12.1129	2.3655	0.0000	-6.5542	56.4903
199	1409	Load Combinations: AASHTO-III-S	439.1032	31.5241	5.8296	-0.0002	-9.0690	128.9606
199	1409	Load Combinations: AASHTO-VII-A-S	349.2093	21.3931	6.1415	-0.0002	-1.4390	88.2469
199	1409	Load Combinations: AASHTO-VII-B-S	383.4240	12.4366	16.4559	-0.0005	23.5188	61.0116
199	1410	Load Combinations: AASHTO-I	-601.2421	-41.4574	-3.1734	-0.0001	19.4043	-136.7568
199	1410	Load Combinations: AASHTO-II	-357.9351	-15.7457	-3.0845	0.0000	5.4828	-57.6061
199	1410	Load Combinations: AASHTO-III	-594.7599	-41.7706	-7.7478	0.0004	9.7331	-131.1325
199	1410	Load Combinations: AASHTO-VII-A	-459.6742	-27.7599	-6.0436	0.0003	-0.9210	-87.2021
199	1410	Load Combinations: AASHTO-VII-B	-504.3029	-16.1055	-21.5861	0.0010	-31.4082	-63.0337
199	1410	Load Combinations: AASHTO-VII-C	-381.5508	-25.3400	-7.9236	0.0003	-6.3021	-76.1630
199	1410	Load Combinations: AASHTO-VII-D	-425.9909	-13.7369	-21.0424	0.0008	-54.1275	-52.2305
199	1410	Load Combinations: AASHTO-I-S	-401.7200	-29.2716	-2.0656	-0.0001	12.8923	-91.5452
199	1410	Load Combinations: AASHTO-II-S	-275.2652	-12.1134	-2.3650	0.0000	4.1991	-44.3779
199	1410	Load Combinations: AASHTO-III-S	-443.3444	-31.5269	-5.8311	0.0002	3.2589	-97.4383
199	1410	Load Combinations: AASHTO-VII-A-S	-353.4504	-21.3949	-6.1436	0.0002	-4.7030	-66.8960
199	1410	Load Combinations: AASHTO-VII-B-S	-387.8601	-12.4369	-16.4639	0.0005	-39.6783	-46.5760
200	1410	Load Combinations: AASHTO-I	601.2360	37.8665	3.1182	0.0001	-19.4043	136.7568
200	1410	Load Combinations: AASHTO-II	357.9340	14.5566	2.7144	0.0000	-5.4828	57.6061
200	1410	Load Combinations: AASHTO-III	594.7551	38.1158	6.8193	-0.0003	-9.7331	131.1325
200	1410	Load Combinations: AASHTO-VII-A	459.6729	25.3237	6.0052	-0.0003	0.9210	87.2021
200	1410	Load Combinations: AASHTO-VII-B	504.3144	14.8857	18.8963	-0.0006	31.4082	63.0337
200	1410	Load Combinations: AASHTO-VII-C	381.5553	23.0340	6.1963	-0.0002	6.3021	76.1630
200	1410	Load Combinations: AASHTO-VII-D	426.0088	12.7439	16.3771	-0.0007	54.1275	52.2305
200	1410	Load Combinations: AASHTO-I-S	401.7174	26.6925	2.0491	0.0001	-12.8923	91.5452

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
200	1410	Load Combinations: AASHTO-B-S	275.2845	11.1944	2.0817	0.0000	-4.1891	44.3779
200	1410	Load Combinations: AASHTO-B-S	443.3418	28.7244	4.9883	-0.0001	-3.2593	97.4383
200	1410	Load Combinations: AASHTO-VB-A-S	553.4497	19.4739	5.0426	-0.0002	4.7030	86.6969
200	1410	Load Combinations: AASHTO-VB-B-S	387.8719	11.5468	12.8715	-0.0004	39.8783	48.5760
200	1411	Load Combinations: AASHTO-I	-606.7495	-37.9918	-5.1178	-0.0001	16.2868	-66.7731
200	1411	Load Combinations: AASHTO-E	-363.4474	-14.5581	-2.7157	0.0000	2.7677	-43.2500
200	1411	Load Combinations: AASHTO-IE	-600.2696	-39.1214	-8.8187	0.0003	-1.4833	-63.0794
200	1411	Load Combinations: AASHTO-VB-A	-465.1865	-25.3275	-6.9289	0.0003	-12.5273	-61.8783
200	1411	Load Combinations: AASHTO-VB-B	-509.8279	-14.9869	-16.9113	0.0008	-66.3089	-46.0493
200	1411	Load Combinations: AASHTO-VB-C	-385.6804	-23.0369	-6.2321	0.0002	-14.5023	-53.1296
200	1411	Load Combinations: AASHTO-VB-D	-430.1440	-12.7447	-16.3889	0.0007	-70.5079	-39.5079
200	1411	Load Combinations: AASHTO-I-S	-405.9586	-26.6859	-2.0489	-0.0001	10.6436	-64.8537
200	1411	Load Combinations: AASHTO-B-S	-279.5256	-11.1952	-2.0822	0.0000	2.1073	-33.1838
200	1411	Load Combinations: AASHTO-IB-S	-447.5830	-28.7278	-4.9679	0.0001	-1.7073	-68.7153
200	1411	Load Combinations: AASHTO-VB-A-S	-357.6908	-19.4761	-5.0446	0.0002	-9.7463	-47.4233
200	1411	Load Combinations: AASHTO-VB-B-S	-391.9130	-11.5875	-12.8792	0.0004	-52.8525	-37.0099
201	1411	Load Combinations: AASHTO-I	606.7486	33.1344	2.9933	0.0001	-16.2868	66.7731
201	1411	Load Combinations: AASHTO-E	363.4470	12.6756	2.2257	0.0000	-2.7677	43.2500
201	1411	Load Combinations: AASHTO-IE	600.2697	33.0434	5.1464	-0.0002	1.4833	63.0194
201	1411	Load Combinations: AASHTO-VB-A	465.1879	21.9561	4.7730	-0.0002	12.5273	61.8783
201	1411	Load Combinations: AASHTO-VB-B	509.8423	13.3724	10.9963	-0.0007	66.3089	46.0493
201	1411	Load Combinations: AASHTO-VB-C	385.6822	19.8669	4.3909	-0.0002	14.5023	53.1296
201	1411	Load Combinations: AASHTO-VB-D	430.1595	11.3305	10.5262	-0.0006	70.5079	39.5079
201	1411	Load Combinations: AASHTO-I-S	405.9587	23.1315	1.9839	0.0000	-10.6436	64.8537
201	1411	Load Combinations: AASHTO-B-S	279.5254	9.8989	1.7064	0.0000	-2.1073	33.1838
201	1411	Load Combinations: AASHTO-IB-S	447.5836	24.8509	5.8457	-0.0001	1.7073	68.7153
201	1411	Load Combinations: AASHTO-VB-A-S	357.6917	16.8793	5.8403	-0.0001	9.7463	47.4233
201	1411	Load Combinations: AASHTO-VB-B-S	391.9215	10.3187	8.3615	-0.0004	52.8525	37.0099
201	1412	Load Combinations: AASHTO-I	-612.2621	-33.1408	-2.9931	-0.0001	13.2940	-66.6404
201	1412	Load Combinations: AASHTO-E	-368.9605	-12.8774	-2.2295	0.0000	0.5418	-30.3746
201	1412	Load Combinations: AASHTO-IE	-606.7832	-33.0501	-5.1481	0.0002	-6.6303	-59.9773
201	1412	Load Combinations: AASHTO-VB-A	-470.7014	-21.9805	-4.7798	0.0002	-17.3016	-39.8334
201	1412	Load Combinations: AASHTO-VB-B	-515.3558	-13.3748	-11.0117	0.0007	-79.3131	-54.6777
201	1412	Load Combinations: AASHTO-VB-C	-389.8273	-19.8701	-4.3937	0.0002	-16.6942	-35.2630

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
201	1412	Load Combinations: AASHTO-VB-D	-434.2836	-11.3218	-10.5355	0.0006	-91.0377	-28.1818
201	1412	Load Combinations: AASHTO-I-S	-410.1898	-23.1351	-1.9838	0.0000	8.8800	-41.7229
201	1412	Load Combinations: AASHTO-B-S	-285.7885	-9.9099	-1.7098	0.0000	0.4008	-25.2851
201	1412	Load Combinations: AASHTO-IB-S	-451.8250	-24.8808	-5.8473	0.0001	-5.5533	-43.8593
201	1412	Load Combinations: AASHTO-VB-A-S	-361.9328	-16.8820	-5.8425	0.0001	-13.3874	-30.5441
201	1412	Load Combinations: AASHTO-VB-B-S	-396.1626	-10.3199	-8.3698	0.0004	-91.2168	-26.6917
202	1412	Load Combinations: AASHTO-I	612.2657	27.3099	2.7955	0.0001	-13.2940	66.6404
202	1412	Load Combinations: AASHTO-E	368.9608	10.8330	1.8641	0.0000	-0.5418	30.3746
202	1412	Load Combinations: AASHTO-IE	605.7898	26.9907	3.4916	-0.0001	6.6303	59.9773
202	1412	Load Combinations: AASHTO-VB-A	470.7049	17.9430	2.7468	-0.0001	17.3016	39.8334
202	1412	Load Combinations: AASHTO-VB-B	515.3707	11.5866	4.9715	-0.0005	79.3131	54.6777
202	1412	Load Combinations: AASHTO-VB-C	389.8307	16.1128	2.3665	-0.0001	16.6942	35.2630
202	1412	Load Combinations: AASHTO-VB-D	434.3084	8.5930	4.1598	-0.0004	91.0377	28.1818
202	1412	Load Combinations: AASHTO-I-S	410.2021	18.8024	1.8317	0.0000	-8.8800	41.7229
202	1412	Load Combinations: AASHTO-IB-S	285.7887	8.3269	1.2758	0.0000	-0.4008	25.2851
202	1412	Load Combinations: AASHTO-IB-S	451.8283	20.2561	2.5863	-0.0001	5.5533	43.8593
202	1412	Load Combinations: AASHTO-VB-A-S	361.9349	13.7918	2.0902	-0.0001	13.3874	30.5441
202	1412	Load Combinations: AASHTO-VB-B-S	396.1714	8.7953	3.4484	-0.0003	91.2168	26.6917
202	1413	Load Combinations: AASHTO-I	-617.7792	-27.3167	-2.7954	-0.0001	10.4690	-38.3311
202	1413	Load Combinations: AASHTO-E	-374.4742	-10.8352	-1.9649	0.0000	-1.1225	-19.5415
202	1413	Load Combinations: AASHTO-IE	-611.3023	-26.9980	-3.4042	0.0001	-10.1226	-32.9869
202	1413	Load Combinations: AASHTO-VB-A	-476.2184	-17.9478	-2.7502	0.0001	-20.0498	-21.9800
202	1413	Load Combinations: AASHTO-VB-B	-520.8642	-11.5885	-4.5830	0.0005	-83.8899	-23.2915
202	1413	Load Combinations: AASHTO-VB-C	-393.9659	-16.1183	-2.4011	0.0001	-21.2938	-17.1499
202	1413	Load Combinations: AASHTO-VB-D	-438.4435	-8.5943	-4.1683	0.0004	-85.2012	-19.5869
202	1413	Load Combinations: AASHTO-I-S	-414.4433	-18.8063	-1.8317	0.0000	8.8484	-22.8301
202	1413	Load Combinations: AASHTO-IB-S	-288.0079	-8.3282	-1.2763	0.0000	-0.8751	-14.9561
202	1413	Load Combinations: AASHTO-IB-E	-456.0695	-20.2604	-2.5878	0.0001	-8.1401	-23.6032
202	1413	Load Combinations: AASHTO-VB-A-S	-366.1780	-13.7948	-2.0923	0.0001	-15.4784	-16.7525
202	1413	Load Combinations: AASHTO-VB-B-S	-400.4125	-8.7985	-3.4553	0.0003	-84.8884	-17.9067
205	1413	Load Combinations: AASHTO-I	617.7957	20.9407	2.5314	0.0000	-10.4990	38.3311
203	1413	Load Combinations: AASHTO-E	374.4749	8.5777	1.3775	0.0000	1.1225	19.5415
203	1413	Load Combinations: AASHTO-IE	611.3108	20.4292	1.7987	-0.0001	10.1226	32.9869
203	1413	Load Combinations: AASHTO-VB-A	476.2230	13.5947	0.7136	-0.0001	20.0498	21.9800

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
203	1415	Load Combinations: AASHTO-VII-B	520.8976	9.1703	-1.7715	-0.0003	83.8898	23.2915
203	1413	Load Combinations: AASHTO-VII-C	593.9702	12.0642	0.4071	-0.0001	21.2898	17.1489
203	1413	Load Combinations: AASHTO-VII-D	436.4567	7.6683	-2.1138	-0.0003	85.2012	18.5869
203	1413	Load Combinations: AASHTO-II-E	414.4470	14.3022	1.9568	0.0000	-6.8484	22.8301
203	1413	Load Combinations: AASHTO-II-S	298.0082	8.5925	0.8292	0.0000	0.8751	14.9581
203	1413	Load Combinations: AASHTO-III-E	450.0744	10.2788	1.3000	-0.0001	8.1401	23.6032
203	1413	Load Combinations: AASHTO-VII-A-E	368.1787	10.4487	0.5352	-0.0001	15.4784	16.7520
203	1413	Load Combinations: AASHTO-VII-B-E	400.4204	7.0755	-1.3991	-0.0002	84.6884	17.9067
203	1414	Load Combinations: AASHTO-I	-623.2992	-20.9678	-2.5314	0.0000	7.9680	-17.3699
203	1414	Load Combinations: AASHTO-II	-379.3684	-8.5801	-1.0783	0.0000	-2.2004	-10.9633
203	1414	Load Combinations: AASHTO-III	-616.8243	-20.4367	-1.9212	0.0001	-11.9223	-12.5069
203	1414	Load Combinations: AASHTO-VII-A	-461.7365	-13.0987	-0.7169	0.0001	-20.7649	-8.3644
203	1414	Load Combinations: AASHTO-VII-E	-526.4111	-8.1725	1.7606	0.0003	-82.1241	-14.1212
203	1414	Load Combinations: AASHTO-VII-C	-566.1053	-12.0677	-0.4095	0.0001	-21.7020	-5.0851
203	1414	Load Combinations: AASHTO-VII-D	-442.5819	-7.6698	2.1057	0.0003	-83.0917	-10.9306
203	1414	Load Combinations: AASHTO-II-E	-418.9681	-14.3063	-1.8098	0.0000	5.1918	-8.8273
203	1414	Load Combinations: AASHTO-II-S	-292.2494	-8.5839	-0.8257	0.0000	-1.7016	-8.3653
203	1414	Load Combinations: AASHTO-III-E	-460.3135	-15.2843	-1.3015	0.0001	-9.4408	-8.3228
203	1414	Load Combinations: AASHTO-VII-A-E	-370.4199	-10.4017	-0.5371	0.0001	-16.0145	-6.3029
203	1414	Load Combinations: AASHTO-VII-B-E	-404.9816	-7.0768	1.3927	0.0002	-83.2726	-10.8912
204	1414	Load Combinations: AASHTO-I	623.3071	14.5434	2.2135	0.0000	-7.9682	17.3699
204	1414	Load Combinations: AASHTO-II	379.9694	8.2953	0.5119	0.0000	2.2004	10.9633
204	1414	Load Combinations: AASHTO-III	616.8238	13.8352	0.2039	-0.0001	11.9223	12.5069
204	1414	Load Combinations: AASHTO-VII-A	461.7414	9.2246	-1.1590	-0.0001	20.7649	8.3644
204	1414	Load Combinations: AASHTO-VII-B	526.4220	6.8749	-1.4690	-0.0002	82.1241	14.1212
204	1414	Load Combinations: AASHTO-VII-C	566.1097	8.0138	-1.4176	-0.0001	21.7020	5.0851
204	1414	Load Combinations: AASHTO-VII-D	442.5823	5.6845	-1.7579	-0.0002	83.0917	10.9306
204	1414	Load Combinations: AASHTO-II-E	418.9804	9.6908	1.4473	0.0000	-5.1918	8.8273
204	1414	Load Combinations: AASHTO-II-S	292.2499	6.8147	0.3921	0.0000	1.7016	8.3653
204	1414	Load Combinations: AASHTO-III-E	460.3210	10.2870	0.0902	0.0000	9.4408	8.3228
204	1414	Load Combinations: AASHTO-VII-A-E	370.4228	7.0896	-0.8964	0.0000	16.0145	6.3029
204	1414	Load Combinations: AASHTO-VII-B-E	404.9878	5.3051	-0.7681	-0.0001	83.2726	10.8912
204	1415	Load Combinations: AASHTO-I	-626.8298	-14.5507	-2.2136	0.0000	5.7547	-2.8250
204	1415	Load Combinations: AASHTO-II	-385.5029	-8.2877	-0.5116	0.0000	-2.7116	-4.8874

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
204	1415	Load Combinations: AASHTO-III	-622.3473	-13.8428	-0.2063	0.0001	-12.1274	1.2800
204	1415	Load Combinations: AASHTO-VII-A	-467.2549	-9.2295	1.1550	0.0001	-19.8096	0.8416
204	1415	Load Combinations: AASHTO-VII-B	-531.9355	-6.8772	1.4779	0.0002	-74.8421	-1.2460
204	1415	Load Combinations: AASHTO-VII-C	-402.2448	-8.0174	1.4153	0.0001	-20.2857	2.9298
204	1415	Load Combinations: AASHTO-VII-D	-446.7374	-5.6890	1.7503	0.0002	-75.3384	-0.2360
204	1415	Load Combinations: AASHTO-II-S	-422.9335	-9.6950	-1.4474	0.0000	3.7446	1.1647
204	1415	Load Combinations: AASHTO-III-E	-296.4811	-6.8162	-0.3925	0.0000	-2.0938	-3.5502
204	1415	Load Combinations: AASHTO-III-S	-464.5822	-10.2913	-0.0916	0.0000	-8.5316	1.9853
204	1415	Load Combinations: AASHTO-VII-A-S	-374.5839	-7.0939	0.8949	0.0000	-15.1191	0.7877
204	1415	Load Combinations: AASHTO-VII-B-S	-408.9091	-5.3065	5.7622	0.0001	-67.5060	-0.5259
205	1415	Load Combinations: AASHTO-I	626.8295	8.5050	1.9583	0.0000	-5.7547	2.8250
205	1415	Load Combinations: AASHTO-II	385.5039	4.0507	0.0067	0.0000	2.7116	4.8874
205	1415	Load Combinations: AASHTO-III	622.3584	7.6722	-1.1686	0.0000	12.1274	-1.2800
205	1415	Load Combinations: AASHTO-VII-A	467.2594	5.1371	-2.7176	0.0000	19.8096	-0.8416
205	1415	Load Combinations: AASHTO-VII-B	531.9432	4.6527	-12.1019	-0.0001	74.8421	7.2460
205	1415	Load Combinations: AASHTO-VII-C	402.2488	4.2451	-2.9260	0.0000	20.2857	-2.9298
205	1415	Load Combinations: AASHTO-VII-D	446.7447	3.7734	-12.3024	-0.0001	75.3384	5.2360
205	1415	Load Combinations: AASHTO-II-S	422.8977	5.3781	1.2138	0.0000	-3.7446	-1.1647
205	1415	Load Combinations: AASHTO-II-S	296.4917	3.1121	0.0053	0.0000	2.0938	3.5502
205	1415	Load Combinations: AASHTO-III-S	464.5874	5.6264	-0.9494	0.0000	8.5316	-1.9853
205	1415	Load Combinations: AASHTO-VII-A-S	374.6886	3.9474	-2.0896	0.0000	15.1191	-0.7877
205	1415	Load Combinations: AASHTO-VII-B-S	408.9136	3.5909	-9.2959	-0.0001	67.5060	5.5259
205	1416	Load Combinations: AASHTO-I	-634.3420	-9.5123	-1.9584	0.0000	3.8667	5.6824
205	1416	Load Combinations: AASHTO-II	-391.0174	-4.0631	-0.0074	0.0000	-2.7186	-0.6459
205	1416	Load Combinations: AASHTO-III	-627.9699	-7.8798	1.1983	0.0000	-16.9602	8.9549
205	1416	Load Combinations: AASHTO-VII-A	-482.7729	-5.1402	2.7147	0.0000	-16.8928	5.9806
205	1416	Load Combinations: AASHTO-VII-B	-537.4567	-4.6031	12.2924	0.0001	-62.5466	-2.5827
205	1416	Load Combinations: AASHTO-VII-C	-406.3640	-4.2487	2.9259	0.0000	-17.3590	7.1763
205	1416	Load Combinations: AASHTO-VII-D	-450.8798	-3.7750	12.2954	0.0001	-63.0439	-1.4622
205	1416	Load Combinations: AASHTO-II-E	-427.1799	-5.3632	-1.2139	0.0000	3.5309	6.5463
205	1416	Load Combinations: AASHTO-II-S	-300.7328	-3.1136	-0.0058	0.0000	-2.0994	-0.4376
205	1416	Load Combinations: AASHTO-III-E	-468.8096	-5.6309	0.9481	0.0000	-8.5830	7.5933
205	1416	Load Combinations: AASHTO-VII-A-E	-378.9077	-3.9504	2.0879	0.0000	-13.0306	4.7365
205	1416	Load Combinations: AASHTO-VII-B-E	-413.1547	-3.5923	9.2963	0.0001	-46.2158	-1.9347

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-fuc)	Force Y (tn-fuc)	Force Z (tn-fuc)	Moment X (tn-fuc-m)	Moment Y (tn-fuc-m)	Moment Z (tn-fuc-m)
206	1416	Load Combinations: AASHTO-I	634.3480	3.2744	1.4837	0.0000	-3.8967	-0.6824
206	1416	Load Combinations: AASHTO-II	391.2193	2.0839	-0.3066	0.0000	2.7188	0.6459
206	1416	Load Combinations: AASHTO-III	627.8377	2.3831	-2.2048	0.0000	10.9602	-6.9549
206	1416	Load Combinations: AASHTO-VB-A	492.7766	1.9237	-3.8289	0.0000	16.8928	-5.9806
206	1416	Load Combinations: AASHTO-VB-B	537.4611	2.6523	-15.1877	-0.0001	62.5466	2.5927
206	1416	Load Combinations: AASHTO-VB-C	406.3672	1.0378	-3.9913	0.0000	17.3580	-7.1783
206	1416	Load Combinations: AASHTO-VB-D	492.8839	2.0635	-15.3282	-0.0001	63.0409	1.4622
206	1416	Load Combinations: AASHTO-II-S	427.1824	1.6729	0.5691	0.0000	-2.5369	-0.5453
206	1416	Load Combinations: AASHTO-III-S	300.7334	1.5993	-0.3041	0.0000	2.0994	0.4376
206	1416	Load Combinations: AASHTO-IB-S	466.8130	1.6308	-1.7327	0.0000	8.5830	-7.3933
206	1416	Load Combinations: AASHTO-VB-A-S	378.9099	1.2444	-2.9428	0.0000	13.0306	-4.7363
206	1416	Load Combinations: AASHTO-VB-B-S	413.1575	2.0465	-11.9566	0.0000	48.2158	1.9347
206	1417	Load Combinations: AASHTO-I	-639.8624	-3.2816	-1.4838	0.0000	2.4131	8.8596
206	1417	Load Combinations: AASHTO-II	-396.5319	-2.0863	0.3959	0.0000	-0.3229	1.4390
206	1417	Load Combinations: AASHTO-IB	-633.3912	-2.3906	2.2026	0.0000	-8.7568	11.3414
206	1417	Load Combinations: AASHTO-VB-A	-498.2801	-1.8287	3.8291	0.0000	-13.0857	7.6068
206	1417	Load Combinations: AASHTO-VB-B	-542.9745	-2.6547	15.1789	0.0001	-47.3652	0.0925
206	1417	Load Combinations: AASHTO-VB-C	-413.5223	-1.0311	3.9885	0.0000	-13.3891	8.2050
206	1417	Load Combinations: AASHTO-VB-D	-495.0190	-2.0609	15.3217	0.0001	-47.7175	0.6018
206	1417	Load Combinations: AASHTO-II-S	-431.4276	-1.6769	-0.9682	0.0000	1.5629	8.2200
206	1417	Load Combinations: AASHTO-III-S	-304.9745	-1.6067	0.9257	0.0000	-1.7995	1.1623
206	1417	Load Combinations: AASHTO-IB-S	-473.0542	-1.8352	1.7315	0.0000	-6.8510	9.2262
206	1417	Load Combinations: AASHTO-VB-A-S	-383.1511	-1.2473	2.9392	0.0000	-10.0906	5.9620
206	1417	Load Combinations: AASHTO-VB-B-S	-417.3995	-2.0479	11.6536	0.0000	-36.5607	0.1122
207	1417	Load Combinations: AASHTO-I	638.6677	-6.7362	1.1078	0.0000	-2.4131	-8.9588
207	1417	Load Combinations: AASHTO-II	396.5325	0.5084	-0.6618	0.0000	2.3226	-1.4390
207	1417	Load Combinations: AASHTO-IB	633.3906	-1.8100	-2.7060	0.0000	8.7568	-11.3414
207	1417	Load Combinations: AASHTO-VB-A	498.2808	-1.0383	-4.3654	0.0000	13.0857	-7.6068
207	1417	Load Combinations: AASHTO-VB-B	542.9758	1.0164	-16.9527	0.0000	47.3652	-0.0806
207	1417	Load Combinations: AASHTO-VB-C	413.5244	-1.3822	-4.4842	0.0000	13.3891	-8.2050
207	1417	Load Combinations: AASHTO-VB-D	495.0199	0.6776	-16.4483	0.0000	47.7175	-0.6018
207	1417	Load Combinations: AASHTO-II-E	431.4262	-1.1362	0.7216	0.0000	-1.5629	-8.2200
207	1417	Load Combinations: AASHTO-II-S	304.9750	0.5861	-0.5083	0.0000	1.7995	-1.1623
207	1417	Load Combinations: AASHTO-IB-S	473.0574	-1.3631	-2.1794	0.0000	6.8510	-9.2262

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-fuc)	Force Y (tn-fuc)	Force Z (tn-fuc)	Moment X (tn-fuc-m)	Moment Y (tn-fuc-m)	Moment Z (tn-fuc-m)
207	1417	Load Combinations: AASHTO-VB-A-S	383.1526	-0.9079	-3.3039	0.0000	10.0906	-5.9620
207	1417	Load Combinations: AASHTO-VB-B-S	417.3992	0.7812	-12.0981	0.0000	36.5607	-0.1122
207	1418	Load Combinations: AASHTO-I	-645.3812	0.7320	-1.1080	0.0000	1.3054	8.2243
207	1418	Load Combinations: AASHTO-II	-402.0481	-0.5108	0.6612	0.0000	-1.6812	1.9485
207	1418	Load Combinations: AASHTO-IB	-638.9103	1.6026	2.7959	0.0000	-5.9602	9.7353
207	1418	Load Combinations: AASHTO-VB-A	-503.8061	1.0334	4.3626	0.0000	-8.7023	6.5709
207	1418	Load Combinations: AASHTO-VB-B	-548.4893	-1.0167	16.3443	0.0000	-31.0188	1.0779
207	1418	Load Combinations: AASHTO-VB-C	-414.9596	1.3798	4.4622	0.0000	-6.8864	6.8252
207	1418	Load Combinations: AASHTO-VB-D	-499.1550	-0.6791	16.4421	0.0000	-31.2741	1.2801
207	1418	Load Combinations: AASHTO-II-S	-435.8674	1.1322	-0.7217	0.0000	0.8412	7.0859
207	1418	Load Combinations: AASHTO-III-S	-309.2191	-0.3875	0.5079	0.0000	-1.2874	1.5490
207	1418	Load Combinations: AASHTO-IB-S	-477.2880	1.3798	2.1782	0.0000	-4.8725	7.9453
207	1418	Load Combinations: AASHTO-VB-A-S	-387.3937	0.8050	3.3523	0.0000	-6.7360	5.1758
207	1418	Load Combinations: AASHTO-VB-B-S	-421.8403	-0.7826	12.5332	0.0000	-24.0083	0.8040
208	1418	Load Combinations: AASHTO-I	645.3842	-2.1408	0.7479	0.0000	-1.3054	-8.2243
208	1418	Load Combinations: AASHTO-II	402.0485	-0.5372	-0.7036	0.0000	1.6812	-1.9485
208	1418	Load Combinations: AASHTO-IB	638.9133	-3.9001	-2.5449	0.0000	5.9602	-9.7353
208	1418	Load Combinations: AASHTO-VB-A	503.8073	-2.5817	-4.2042	0.0000	8.7023	-6.5709
208	1418	Load Combinations: AASHTO-VB-B	548.4872	-8.1179	-15.2140	0.0000	31.0188	-1.0779
208	1418	Load Combinations: AASHTO-VB-C	414.9606	-2.7570	-4.2868	0.0000	6.8864	-6.8252
208	1418	Load Combinations: AASHTO-VB-D	499.1526	-8.2991	-15.2860	0.0000	31.2741	-1.2801
208	1418	Load Combinations: AASHTO-II-S	435.8689	-2.7671	0.4957	0.0000	-0.8412	-7.0859
208	1418	Load Combinations: AASHTO-III-S	309.2164	-0.4219	-0.5766	0.0000	1.2874	-1.5490
208	1418	Load Combinations: AASHTO-IB-E	477.3002	-3.1101	-2.2114	0.0000	4.8725	-7.9453
208	1418	Load Combinations: AASHTO-VB-A-S	387.3644	-2.0053	-3.2351	0.0000	6.7360	-5.1758
208	1418	Load Combinations: AASHTO-VB-B-S	421.8391	-6.1001	-11.7029	0.0000	24.0063	-0.8040
208	1418	Load Combinations: AASHTO-I	-650.8977	5.1336	-0.7481	0.0000	0.5578	5.0675
208	1419	Load Combinations: AASHTO-II	-407.5600	0.5348	0.7529	0.0000	-0.9060	1.4126
208	1419	Load Combinations: AASHTO-III	-644.4259	3.8939	2.8429	0.0000	-3.1168	5.8395
208	1419	Load Combinations: AASHTO-VB-A	-509.3208	2.5769	4.2017	0.0000	-4.4997	3.9919
208	1419	Load Combinations: AASHTO-VB-B	-554.0007	12.1156	15.2064	0.0000	-15.8104	0.9612
208	1419	Load Combinations: AASHTO-VB-C	-418.7956	2.7336	4.2849	0.0000	-4.8213	4.0901
208	1419	Load Combinations: AASHTO-VB-D	-463.2879	0.2645	15.2800	0.0000	-15.9027	1.0148
208	1419	Load Combinations: AASHTO-II-S	-439.9100	2.7632	-0.4859	0.0000	0.3558	4.3210

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
208	1419	Load Combinations: AASHTO-B-S	-513.4578	0.4205	0.5795	0.0000	-0.7078	1.1279
208	1419	Load Combinations: AASHTO-B-S	-481.5414	3.1058	2.2102	0.0000	-2.4620	4.7378
208	1419	Load Combinations: AASHTO-VB-A-E	-391.8356	3.0025	3.2356	0.0000	-5.5040	3.1719
208	1419	Load Combinations: AASHTO-VB-B-E	-425.8803	0.0967	11.6981	0.0000	-12.3070	0.7947
209	1419	Load Combinations: AASHTO-I	650.8982	-3.5423	0.4197	0.0000	-0.5576	-5.0875
209	1419	Load Combinations: AASHTO-E	457.5922	-0.6177	-0.6301	0.0000	0.9090	-1.4126
209	1419	Load Combinations: AASHTO-IB	644.4268	-4.0857	-2.2411	0.0000	3.1188	-5.8399
209	1419	Load Combinations: AASHTO-VB-A	506.3205	-3.7425	-3.2204	0.0000	4.4867	-3.9919
209	1419	Load Combinations: AASHTO-VB-B	553.9850	-0.6167	-11.3815	0.0000	15.8104	-0.9612
209	1419	Load Combinations: AASHTO-VB-C	418.7852	-2.7925	-3.2771	0.0000	4.8010	-4.0901
209	1419	Load Combinations: AASHTO-VB-D	465.2822	-0.6519	-11.4558	0.0000	15.9927	-1.0148
209	1419	Load Combinations: AASHTO-I-S	439.9102	-2.9427	0.2764	0.0000	-0.3550	-4.3210
209	1419	Load Combinations: AASHTO-B-S	313.4578	-0.7212	-0.4818	0.0000	0.7078	-1.1279
209	1419	Load Combinations: AASHTO-IB-S	481.5414	-3.2486	-1.7501	0.0000	2.4620	-4.7378
209	1419	Load Combinations: AASHTO-VB-A-E	391.8354	-2.1466	-2.4894	0.0000	3.5040	-3.1719
209	1419	Load Combinations: AASHTO-VB-B-E	425.8770	-0.4948	-8.7950	0.0000	12.3070	-0.7947
209	1420	Load Combinations: AASHTO-I	-658.4117	3.5353	-0.4199	0.0000	0.1376	1.5493
209	1420	Load Combinations: AASHTO-E	-413.0736	0.6152	0.6354	0.0000	-0.2723	0.4962
209	1420	Load Combinations: AASHTO-IB	-648.9402	4.0784	2.2391	0.0000	-0.8771	1.7580
209	1420	Load Combinations: AASHTO-VB-A	-514.8340	3.7378	3.2179	0.0000	-1.2810	1.2521
209	1420	Load Combinations: AASHTO-VB-B	-559.5095	0.6144	11.3736	0.0000	-4.4343	0.3457
209	1420	Load Combinations: AASHTO-VB-C	-422.9303	2.7882	3.2752	0.0000	-1.3252	1.2995
209	1420	Load Combinations: AASHTO-VB-D	-467.4173	0.6503	11.4481	0.0000	-4.5419	0.3938
209	1420	Load Combinations: AASHTO-I-S	-444.1613	2.9388	-0.2706	0.0000	0.0851	1.3806
209	1420	Load Combinations: AASHTO-E-S	-317.6958	0.7197	0.4815	0.0000	-0.2161	0.4075
209	1420	Load Combinations: AASHTO-IE-S	-485.7825	3.2443	1.7489	0.0000	-0.7127	1.4917
209	1420	Load Combinations: AASHTO-VB-A-E	-395.8765	2.1436	2.4879	0.0000	-1.0156	1.0269
209	1420	Load Combinations: AASHTO-VB-B-E	-430.1191	0.4935	8.7903	0.0000	-3.5153	0.3006
210	1420	Load Combinations: AASHTO-I	658.4092	-1.5530	0.1377	0.0000	-0.1376	-1.5493
210	1420	Load Combinations: AASHTO-E	413.0734	-0.4975	-0.2727	0.0000	0.2723	-0.4962
210	1420	Load Combinations: AASHTO-IB	648.9398	-1.7819	-0.8782	0.0000	0.8771	-1.7580
210	1420	Load Combinations: AASHTO-VB-A	514.8318	-1.2547	-1.2824	0.0000	1.2810	-1.2521
210	1420	Load Combinations: AASHTO-VB-B	559.4984	-0.3489	-4.4089	0.0000	4.4343	-0.3457
210	1420	Load Combinations: AASHTO-VB-C	422.9282	-1.3013	-1.3262	0.0000	1.3252	-1.2995

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
210	1420	Load Combinations: AASHTO-VB-D	467.4073	-0.3646	-4.5454	0.0000	4.5419	-0.3938
210	1420	Load Combinations: AASHTO-I-S	444.1499	-1.3627	0.0851	0.0000	-0.0851	-1.3806
210	1420	Load Combinations: AASHTO-E-S	317.6987	-0.4082	-0.2183	0.0000	0.2181	-0.4075
210	1420	Load Combinations: AASHTO-IE-S	485.7805	-1.4940	-0.7134	0.0000	0.7127	-1.4917
210	1420	Load Combinations: AASHTO-VB-A-S	395.8753	-1.0284	-1.0184	0.0000	1.0156	-1.0269
210	1420	Load Combinations: AASHTO-VB-B-S	430.1122	-0.3013	-3.5180	0.0000	3.5153	-0.3006
210	1421	Load Combinations: AASHTO-I	661.9227	1.5460	-0.1379	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-E	-418.5968	0.4951	0.2733	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-IB	-655.4501	1.7547	0.8782	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-A	-520.3458	1.2469	1.2789	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-B	-565.0118	0.3446	4.4310	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-C	-427.0833	1.2960	1.3244	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-D	-471.5424	0.3631	4.5395	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-I-S	-448.3911	1.3788	-0.0852	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-E-S	-321.9398	0.4068	0.2189	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-IE-S	-490.0216	1.4888	0.7122	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-A-S	-400.1164	1.0258	1.0149	0.0000	0.0000	0.0000
210	1421	Load Combinations: AASHTO-VB-B-S	-434.3534	0.2999	3.5133	0.0000	0.0000	0.0000

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m) Result Cases

AASHTO-I	AASHTO-E	AASHTO-IB
AASHTO-VB-A	AASHTO-VB-B	AASHTO-VB-C
AASHTO-VB-D	AASHTO-I-E	AASHTO-E-S
AASHTO-IB-S	AASHTO-VB-A-S	AASHTO-VB-B-S

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
1	AASHTO-VB-D	0.4271	0.3513	-0.5587	-1.7276	-1.8880	1.3686	0.5214	0.2467
1	AASHTO-I	0.1783	0.2509	-0.5252	0.0799	0.0505	-0.0151	-0.7220	-0.6875
2	AASHTO-VB-B	-0.1767	1.8162	-0.8016	-2.8882	-4.9471	4.6742	4.4880	-7.0390
2	AASHTO-I-S	-0.1425	0.8314	-0.1967	0.1312	-0.5845	0.1455	-0.9420	-0.2203

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
3	AASHTO-V8-B	-0.5446	2.0456	0.1419	-2.3482	-8.6032	6.8150	5.7619	-19.1876
3	AASHTO-E	-0.1439	0.6871	0.1303	-0.0640	-0.8128	0.3219	-0.7276	-0.1826
4	AASHTO-V8-D	1.6936	-0.2105	-0.5478	-6.8351	-2.4648	5.0743	-4.3629	5.7532
4	AASHTO-B	0.1678	-0.0257	-0.0662	0.8302	-0.0791	-0.4090	0.4562	-1.0276
5	AASHTO-V8-E	-0.4018	-0.6559	-1.3066	-9.8251	-6.6886	9.7087	9.0670	5.6585
5	AASHTO-4-E	-0.6080	-0.1870	-1.0242	1.1363	0.7713	1.2967	-3.1665	-2.5302
6	AASHTO-V8-B	-3.2223	0.8707	0.1310	-12.0949	-19.0676	14.5703	16.0048	-5.0443
6	AASHTO-4-B	-0.7413	1.8310	0.1842	0.4351	-1.2777	0.0893	-3.3990	-0.8316
7	AASHTO-V8-D	1.8434	-0.3006	0.0357	-12.7702	-1.9564	6.9987	-14.2857	4.9453
7	AASHTO-B	0.1773	-0.0532	0.0246	0.4462	-0.5962	0.6465	0.0184	-0.8027
8	AASHTO-V8-D	2.8314	-1.5344	0.0037	-14.4006	-8.1080	14.3855	-0.1247	13.5838
8	AASHTO-B	0.1185	-0.2457	0.0495	2.1667	-2.1391	0.2022	2.1834	-4.3834
9	AASHTO-V8-D	-8.0849	-2.8628	-4.9074	-29.8907	-21.7699	11.8838	43.7083	33.8195
9	AASHTO-4	-1.0878	-6.3907	-3.2440	3.1025	10.0952	4.3958	-21.2722	-23.0707
10	AASHTO-V8-B	1.7955	-0.0698	0.4039	-15.8894	-1.8421	8.3114	-24.2577	8.8960
10	AASHTO-4-E	0.1186	-0.3323	0.8928	0.2401	0.5802	-0.2289	1.3043	-1.9672
11	AASHTO-V8-D	0.3186	-0.9236	1.1247	-17.8965	-5.9324	15.4594	-9.8447	11.8060
11	AASHTO-4-E	-0.1904	-1.7311	2.5268	0.1045	3.6439	-1.1202	2.0792	-6.5413
12	AASHTO-V8-D	11.5774	-1.8171	-2.2598	-9.8070	-18.7517	15.7405	-34.5401	32.3609
12	AASHTO-B	0.3325	-0.5673	0.5964	4.2298	-1.8434	12.4672	33.0905	-19.2922
13	AASHTO-V8-B	0.8007	0.0851	0.4436	-17.0277	-1.0304	9.1478	-31.8854	2.0753
13	AASHTO-4-B	-1.7267	-0.0294	1.2866	-0.0599	0.2740	-0.4871	2.8235	-1.2409
14	AASHTO-V8-B	2.5574	0.3851	0.0872	-16.3828	-3.7275	16.9690	-16.0101	4.3773
14	AASHTO-B-B	-2.4110	0.2868	3.8867	1.4574	0.2532	-0.8977	-1.9361	-2.0546
15	AASHTO-V8-B	5.8566	-1.8647	2.0930	-10.2101	-8.7902	24.2249	-9.9592	-2.8702
15	AASHTO-V8-C	-0.1317	2.5088	5.7184	2.8580	-6.3835	2.3855	-10.0941	-5.2053
16	AASHTO-V8-B	0.4877	0.0768	0.1596	-16.3162	-0.3896	9.8301	-36.0269	0.4896
16	AASHTO-V8-C	-3.4334	0.3100	1.0283	2.1222	-0.6174	1.2918	-9.5209	0.0962
17	AASHTO-V8-B	1.7878	-0.3808	0.9907	-15.1264	-1.2898	20.5228	-16.2623	0.0389
17	AASHTO-V8-C	-2.1324	1.3283	2.0809	2.9899	-2.4935	5.4157	-6.5860	-1.2838
18	AASHTO-V8-B	2.8017	-0.8231	3.0293	-12.7477	-2.4690	27.3338	-7.6481	-1.7764
18	AASHTO-V8-C	-1.2109	2.1052	2.9546	4.5071	-3.1686	5.4302	-6.6806	-4.7043
19	AASHTO-V8-B	0.0029	-0.0634	0.2436	-14.5313	0.2710	9.5596	-36.2825	-0.4562
19	AASHTO-V8-C	-4.5802	0.3159	0.3739	3.7961	-0.5431	2.3728	-11.0032	0.0208

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
20	AASHTO-V8-B	0.4233	-0.1070	1.3089	-14.2886	1.2379	20.7369	-16.4590	-0.1671
20	AASHTO-V8-C	-2.7962	1.2583	1.0202	3.9681	-1.4060	5.3095	-6.1677	-1.3324
21	AASHTO-V8-B	0.6659	-0.1631	3.1278	-14.6855	1.9685	27.8522	-9.8034	1.1549
21	AASHTO-V8-C	-1.9997	2.8969	1.8500	5.2428	-1.7399	7.3561	-4.3602	-4.3239
22	AASHTO-B	-0.6085	0.0457	-0.0178	-11.8014	0.6857	0.0977	-3.3782	-0.7933
22	AASHTO-V8-C	-4.7325	0.3647	-0.2368	4.8424	-0.2815	2.9993	-12.3467	-0.1694
23	AASHTO-B	-0.5803	0.1581	0.0218	-12.2933	2.7737	0.4058	-3.4803	-0.2717
23	AASHTO-V8-C	-3.2126	1.3654	-0.2521	4.8617	-0.5232	6.4096	-8.1048	-1.3228
24	AASHTO-V8-B	-1.2851	0.4717	0.0469	-14.8232	0.9326	25.6147	-15.5091	4.5065
24	AASHTO-V8-C	-2.5871	2.8802	0.2105	5.1529	-6.2520	8.8229	-3.0872	-9.3157
25	AASHTO-B	-0.5301	0.0246	-0.1009	-9.2404	0.7733	-1.1648	-4.8818	-1.2380
25	AASHTO-V8-C	-3.8721	0.2715	-0.8632	5.7579	0.0838	3.3545	-13.2060	-0.8724
26	AASHTO-B	-0.6291	0.1934	-0.1367	-15.0023	3.5992	-1.9213	-7.5147	-1.1888
26	AASHTO-V8-C	-3.3609	1.9208	-1.5231	5.4035	0.3388	6.8499	-8.8223	-1.8609
27	AASHTO-V8-B	-3.4074	1.1112	2.7911	-12.0588	13.2405	21.1229	-26.1985	8.1752
27	AASHTO-V8-C	-3.0801	2.7336	-1.2043	4.6532	1.5400	9.1028	-3.3859	-2.3080
28	AASHTO-B	-0.3245	-0.0094	-0.1083	-4.4054	0.3062	-1.8846	-4.3351	-1.5358
28	AASHTO-V8-D	-1.1400	-0.0857	0.2528	7.9868	1.4199	4.8402	-34.9369	-4.3564
29	AASHTO-B	-0.6213	-0.0049	-0.3902	-8.3264	2.8944	-4.8062	-11.1457	-5.4532
29	AASHTO-V8-C	-3.1420	0.1155	-5.3403	7.0039	2.7155	7.5291	-8.4343	-5.7179
30	AASHTO-B	-0.9881	0.4779	-0.2167	-8.8814	9.3033	-4.0106	-16.8404	1.2182
30	AASHTO-V8-C	-3.8318	3.9103	-2.6260	4.5448	2.8263	8.6799	-6.1918	-2.8670
31	AASHTO-2	0.0515	-0.3945	-1.0453	-1.5205	0.3583	-0.8584	-2.2166	-2.2479
31	AASHTO-V8-D	-1.7787	0.0299	0.2334	14.8412	0.9239	5.3196	-27.2069	-6.1009
32	AASHTO-2	-0.3386	-2.0042	-2.8728	-0.9630	2.7182	-1.8675	-4.2354	-6.3907
32	AASHTO-V8-B	-0.4087	0.0154	0.8360	19.8270	3.8746	6.3541	-15.8305	-22.2157
33	AASHTO-B-B	-3.0027	-5.6971	-8.2857	1.4088	17.2129	9.3191	-10.8632	-20.6668
33	AASHTO-V8-B	-12.0308	0.9089	-3.5833	19.6350	16.4459	-4.5313	-100.9129	-72.8639
34	AASHTO-2	1.1354	-0.4237	-0.1692	0.1150	0.2504	-0.4887	0.1115	-2.1282
34	AASHTO-V8-B	-1.8594	0.2315	0.0061	15.4740	1.1348	6.7463	-16.1396	-7.1524
35	AASHTO-3-B	0.4234	-1.9418	-0.0962	0.2105	3.4049	-1.0762	2.1808	-6.1869
35	AASHTO-V8-B	-2.8231	1.1906	-0.0443	20.5263	5.3775	16.6299	-4.0234	-23.7242
36	AASHTO-3-D	-0.9460	-5.5205	2.9422	2.1518	11.8037	-6.8061	8.8618	-13.7804
36	AASHTO-V8-B	8.7562	1.8016	-4.4632	37.1773	20.2768	23.5088	92.8002	-73.5537

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
37	AASHTO-I-5	0.8360	-0.1093	0.4161	0.1817	0.1754	-0.3407	1.7857	-1.0283
37	AASHTO-VII-B	-1.5349	0.1868	-0.4698	8.8069	2.8570	6.6039	-5.6706	-6.1586
38	AASHTO-II-5	-0.0447	0.0252	-0.0688	0.7743	2.0298	2.2823	3.2898	-4.5591
38	AASHTO-VII-D	0.2804	0.8009	-1.7239	10.3478	11.8799	13.3178	15.0597	-14.5540
39	AASHTO-I	-0.8719	2.0518	-0.2675	-8.4382	0.8644	-1.8728	9.5291	0.7713
39	AASHTO-VII-D	3.0097	-0.5791	0.0322	9.1867	22.2783	13.7427	29.8457	5.0686
40	AASHTO-II-5	0.1589	0.2198	0.2845	0.0762	-0.1770	-0.1524	0.8185	-0.1467
40	AASHTO-VII-B	-0.3950	-0.3084	-0.5018	1.9755	2.8692	2.1988	6.2681	-3.0626
41	AASHTO-I	-0.1700	0.9360	0.2004	-0.0468	0.2988	-0.1098	1.1231	-1.1625
41	AASHTO-VII-D	0.1441	-1.4540	-0.7631	2.4252	10.1935	5.5858	6.0124	1.5791
42	AASHTO-I	-0.1707	0.7411	-0.1152	-0.3568	-0.0865	-0.9872	1.2625	-0.7765
42	AASHTO-VII-D	0.6013	-1.8273	0.0975	1.7289	16.2962	5.7243	8.8383	14.4692
43	AASHTO-VII-B	-0.6589	0.4951	1.5853	-1.8097	-8.3631	7.7836	4.4735	-21.8333
43	AASHTO-II-5	-0.0416	-0.0096	0.1261	-0.1789	1.9002	1.9983	-1.3726	-2.0811
44	AASHTO-III	0.0652	-0.2357	0.7214	-1.2137	-5.3667	3.6383	1.8037	-15.1034
44	AASHTO-II	-0.0295	-0.3999	0.2544	0.0852	-1.7519	3.4236	-1.5725	-1.3866
45	AASHTO-III	0.0667	-1.0767	0.4690	-0.8197	-4.8267	4.9738	0.7328	-19.5062
45	AASHTO-VII-B	0.1542	-7.5790	2.8242	0.2379	1.5941	8.2775	-1.2918	-42.3944
46	AASHTO-I	-0.0868	-1.1311	0.3178	-0.6823	-20.1415	0.6098	0.9536	-7.4503
46	AASHTO-VII-B	0.2594	-11.9888	2.1411	1.0859	7.7625	9.0734	-3.7380	-59.9140
47	AASHTO-I	0.0841	-1.8420	0.2852	-0.2959	-25.5695	6.1015	0.5985	-11.4140
47	AASHTO-VII-B	0.4234	-15.3535	1.5419	1.9202	12.5115	7.3097	-5.4670	-83.7238
48	AASHTO-II-5	-0.0468	-1.0353	0.0043	0.3396	-10.9707	4.2171	-1.4602	-9.8677
48	AASHTO-VII-B	0.5234	-17.3916	0.4729	2.2576	15.4273	5.8167	-6.3679	-24.8202
49	AASHTO-II-5	0.0426	-2.1159	0.0950	0.3119	-7.7106	0.5540	-1.5929	-6.9994
49	AASHTO-VII-B	0.2234	-17.5071	-0.3310	1.9157	16.8386	4.8076	-6.0485	-15.4810
50	AASHTO-VII-D	-3.2566	-0.4394	4.4750	-7.5175	-11.8232	15.0991	16.7869	-20.7283
50	AASHTO-II	-0.2480	-0.0675	0.4264	0.1395	3.1072	0.5312	-0.3111	3.8867
51	AASHTO-III	0.2676	2.8531	0.7413	-4.4036	-8.2812	9.5896	3.6323	-13.2520
51	AASHTO-II	-0.1149	-0.1833	0.5650	1.5178	0.1501	6.1090	-0.7454	10.7490
52	AASHTO-I	-0.5134	1.8813	1.0316	-2.4583	-13.9781	10.0757	1.0461	6.3041
52	AASHTO-VII-B	0.7663	-5.9079	5.7038	1.5072	2.7991	17.8841	-4.4795	-27.6705
53	AASHTO-I	-0.1851	0.3489	1.4234	-2.8358	-19.5026	12.1117	2.1144	3.6446
53	AASHTO-VII-B	0.8194	-8.1900	5.3424	5.0812	8.8917	17.6867	-10.2714	-25.9238

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
54	AASHTO-I	0.2235	-1.1256	1.4310	-1.8169	-25.0598	13.8239	2.6395	-0.4067
54	AASHTO-VII-B	1.5910	-13.8726	4.2574	8.7160	13.4291	16.3161	-15.1279	-21.1970
55	AASHTO-II-5	0.3287	-1.5220	0.4944	0.8289	-10.0137	10.0712	-2.1908	-4.8909
55	AASHTO-VII-B	2.7034	-13.9021	2.3136	11.6505	15.3687	13.3426	-16.3969	-13.0838
56	AASHTO-II-5	0.1842	-1.8779	0.2157	2.6442	-8.8800	8.3519	-5.8089	-10.0024
56	AASHTO-VII-B	1.5167	-14.4451	-0.9964	9.9795	14.9124	7.8387	-17.6050	-2.8918
57	AASHTO-VII-D	-8.2319	-0.0634	10.1901	-24.6083	-14.1545	23.1766	42.8891	-51.1155
57	AASHTO-II	-0.7117	0.7812	0.4859	4.5934	20.7330	0.3898	-26.2016	46.7584
58	AASHTO-VII-D	1.5840	-2.0826	6.9940	-4.4249	-1.9023	20.7508	-0.9650	-34.9760
58	AASHTO-II	-0.2722	3.5239	0.7689	5.7041	5.5497	6.9163	-0.5239	20.6733
59	AASHTO-I	-1.0524	3.8302	2.7262	-5.4759	-11.8421	10.7546	0.6333	10.2902
59	AASHTO-VII-D	0.3769	-3.1134	7.3989	3.7503	7.1991	22.3771	-8.5862	-32.2767
60	AASHTO-I	-0.4461	1.9822	3.1210	-7.2184	-16.4013	14.8832	2.2896	8.8158
60	AASHTO-VII-D	1.4339	-4.8543	7.4349	12.6412	15.1131	22.6138	-17.8529	-30.0895
61	AASHTO-I	0.2528	0.0336	3.3770	-8.2400	-22.9908	19.0457	5.7344	5.8434
61	AASHTO-VII-D	3.1554	-6.8578	8.7387	21.2141	20.8764	21.4033	-27.7993	-23.9703
62	AASHTO-I	1.9485	-2.5635	3.3204	-1.1414	-29.5488	21.8270	10.2887	-3.2177
62	AASHTO-VII-B	5.2150	-19.5111	4.7673	29.8809	14.8818	19.9955	-32.2091	-13.2280
63	AASHTO-II-5	1.2820	-4.7237	1.1454	5.5222	-8.7500	16.5297	9.3855	-16.3534
63	AASHTO-VII-B	7.5910	-21.8598	0.8194	34.4730	10.5422	11.8980	-33.4784	1.3195
64	AASHTO-VII-D	11.5081	1.2830	13.1018	-4.8798	-11.0476	35.1435	-32.9903	-46.6856
64	AASHTO-II	0.3009	0.9882	1.5425	6.2061	22.1884	13.2784	36.5250	42.7565
65	AASHTO-VII-B	-0.8239	0.0896	7.7656	-6.1442	2.8402	32.3788	-0.6258	-23.5021
65	AASHTO-VII-C	-1.6403	6.3788	6.2623	0.1878	-4.1073	4.7251	-11.7341	-28.5841
66	AASHTO-I	-1.4122	5.3182	4.5751	-8.4992	-7.8471	8.6425	-6.6501	10.9992
66	AASHTO-VII-D	0.5044	-6.3447	8.4156	7.5918	9.2372	30.4295	-10.0009	-39.3304
67	AASHTO-I	-0.8179	5.8570	4.8748	-13.3090	-10.8739	14.3918	-0.1192	12.1019
67	AASHTO-VII-D	1.1315	-1.3475	6.0006	21.9597	17.0847	31.5760	-21.3148	-37.8440
68	AASHTO-I	-0.2830	1.9871	5.5291	-15.2236	-16.7686	22.1998	6.1721	14.0204
68	AASHTO-VII-D	4.0199	-3.2030	9.2761	39.0665	22.6691	31.1504	-36.5129	-34.3779
69	AASHTO-I	0.8399	-0.4654	6.6552	-12.3042	-26.5224	29.9992	21.6578	16.1740
69	AASHTO-VII-D	8.8478	-6.1142	7.5803	55.5196	23.9283	27.0578	-55.7645	-20.3005
70	AASHTO-I	2.0135	-5.3191	8.4859	-2.4662	-34.4893	32.8974	52.9104	-13.9891
70	AASHTO-VII-B	11.7861	-8.8650	2.9867	66.2235	15.3118	20.5466	-54.9452	-2.2811

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
71	AASHTO-I	-1.8460	3.2150	4.2893	-7.3651	2.5364	1.2136	10.0040	5.7687
71	AASHTO-VB-E	0.5976	2.0555	5.6546	2.4610	-2.0736	5.6995	-14.1469	-12.9072
72	AASHTO-I	-1.2839	6.3815	5.8651	-8.0295	-1.4287	1.8320	3.8473	8.7756
72	AASHTO-VB-C	0.2874	5.7047	7.6284	3.0542	1.0245	5.5441	-14.8731	-23.7227
73	AASHTO-I	-1.5175	6.7603	5.9471	-13.0535	-3.0925	5.2101	-3.3611	8.0014
73	AASHTO-VB-D	-0.4296	1.2770	9.5331	8.3450	11.1666	38.4656	-4.8036	-35.8614
74	AASHTO-I	-1.1763	5.4354	5.8664	-10.8446	-3.2837	10.7962	-7.2725	11.9722
74	AASHTO-VB-D	0.0640	1.7876	9.6476	28.6748	20.5518	44.1412	-16.6676	-47.2957
75	AASHTO-I	-1.5344	5.5400	6.7958	-26.0293	-6.4867	20.8221	-2.9660	23.8656
75	AASHTO-VB-D	3.6017	0.8245	11.5811	60.5805	25.3969	47.4757	-47.3725	-50.3316
76	AASHTO-I	-1.5783	3.7545	9.3966	-31.0204	-19.8851	33.7336	20.8047	37.8190
76	AASHTO-VB-D	11.1377	-2.4694	11.3338	85.6589	24.3415	41.6377	-76.5235	-33.9457
77	AASHTO-I	-0.5156	1.8700	12.3845	-29.7202	-41.1548	40.2440	74.0769	41.9542
77	AASHTO-VB-D	20.5336	-6.5207	5.1273	121.5366	18.0351	24.0855	-96.1301	-1.9620
78	AASHTO-II	-0.3421	0.4044	0.6322	-12.5426	4.4834	4.4317	9.2052	6.1790
78	AASHTO-VB-C	-0.6519	3.8407	4.1213	5.8281	-1.8017	7.2956	-7.5836	-10.8834
79	AASHTO-II	-0.5060	0.5954	0.8046	-13.6879	1.4998	4.8630	8.8859	10.3234
79	AASHTO-VB-C	-0.8197	5.4259	5.4023	8.1962	5.5754	8.2238	-8.1945	-19.1542
80	AASHTO-II	-0.6875	0.9011	0.9156	-15.3614	-1.5990	6.5875	7.8456	12.2241
80	AASHTO-VB-C	-1.3072	7.7084	5.9605	11.8407	13.4852	8.4231	-10.8907	-29.4297
81	AASHTO-I	-1.3459	10.3064	7.6794	-16.7033	4.0032	4.4982	-16.5874	-0.6963
81	AASHTO-VB-D	-1.7054	2.4304	8.0310	22.1571	26.6805	58.4451	-4.2812	-46.0765
82	AASHTO-I	-2.3010	5.7148	6.5754	-30.7959	8.0571	12.0046	-31.0940	25.7551
82	AASHTO-VB-D	0.0113	5.4276	12.1968	91.1759	31.8010	79.1864	-52.1291	-65.9074
83	AASHTO-I	-0.6601	11.2012	8.4665	-47.1414	-4.9489	20.8523	-11.7504	75.2550
83	AASHTO-VB-D	12.5530	2.7865	16.6741	157.7743	29.9257	65.9471	-113.4246	-42.8725
84	AASHTO-I	-3.9230	9.9223	15.4744	-62.8116	-46.4678	42.1457	56.4067	125.4643
84	AASHTO-VB-D	30.1430	-4.7961	11.8161	202.7023	15.4310	32.5317	-137.7419	6.7962
85	AASHTO-II	-0.5130	0.4411	0.4498	-15.5295	3.7296	3.1618	2.7795	5.8799
85	AASHTO-VB-C	-1.6784	4.2782	2.4201	7.0590	-2.1441	9.0956	-3.0170	-8.0635
86	AASHTO-II	-0.6065	0.6484	0.5771	-17.3610	1.4202	3.8756	3.3615	9.7573
86	AASHTO-VB-C	-1.8423	6.4908	3.2412	9.7183	3.8836	10.2498	-1.2067	-15.9960
87	AASHTO-II	-0.7819	0.8765	0.8354	-19.8888	-2.0305	4.2851	3.8215	12.8877
87	AASHTO-VB-C	-2.0253	8.4769	3.9820	14.5078	11.5021	10.8190	-0.1572	-26.5765

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
88	AASHTO-II	-0.8286	1.1365	0.8659	-24.7196	-5.2492	5.4786	4.2147	14.5188
88	AASHTO-VB-C	-3.7360	14.5078	5.9810	19.9344	25.6705	10.8659	-2.9997	-46.3454
89	AASHTO-II	-1.7813	1.4025	0.3072	-23.8402	-7.2459	11.4002	-6.0166	15.1274
89	AASHTO-VB-D	-10.6175	4.2332	5.3772	90.3962	26.5465	112.9966	-54.6958	-36.4837
92	AASHTO-VB-B	-1.2741	0.5269	5.1114	-18.1219	5.9392	32.0325	-8.7251	11.5601
92	AASHTO-VB-C	-2.2215	4.4500	0.5840	9.1660	1.0878	10.6134	-0.1222	-6.4053
93	AASHTO-VB-B	-1.0916	0.3460	8.8672	-21.5846	0.9138	56.7348	1.0910	19.9770
93	AASHTO-VB-C	-2.2221	6.4881	0.8019	8.0480	3.7857	12.3308	5.8784	-11.0703
94	AASHTO-VB-B	-0.3869	0.1936	7.3546	-26.5369	-8.2400	59.8259	12.7830	30.0823
94	AASHTO-VB-C	-2.5189	9.3359	0.4560	10.6962	8.6167	13.9194	9.6911	-18.0025
95	AASHTO-VB-B	-2.1455	-0.0547	7.7458	-31.7064	-25.5055	45.3290	15.8667	46.3665
95	AASHTO-VB-C	-4.8716	14.2809	-1.3548	17.2836	16.4689	17.6838	14.5984	-30.2854
96	AASHTO-VB-B	8.8635	-1.8710	5.3570	-145.8254	-43.8446	107.2235	-50.2817	68.9645
96	AASHTO-II-S	-2.2445	24.1301	-12.7089	11.6167	35.3797	1.8181	85.0704	-72.2779
99	AASHTO-VB-B	-3.3725	1.1179	5.5337	-16.9813	11.9670	28.9612	-22.5221	20.7133
99	AASHTO-VB-C	-2.4645	4.4050	-0.8268	4.0225	2.3112	11.4877	8.7181	-3.2312
100	AASHTO-VB-B	-2.0602	0.5935	7.1672	-21.8691	1.2082	33.7006	-13.5964	36.4367
100	AASHTO-VB-C	-1.7989	5.5481	-0.8942	4.0803	3.9104	13.5357	5.8160	-5.2418
101	AASHTO-VB-B	-1.2143	-0.2459	7.8240	-31.3017	-10.3847	35.3623	-0.8571	53.8406
101	AASHTO-VB-C	-1.6744	7.2450	-2.1603	3.0189	6.5421	15.2435	12.4469	-7.2241
102	AASHTO-VB-B	0.2478	-0.5414	7.3255	-69.1465	-40.7708	46.3676	-16.0929	76.6218
102	AASHTO-II-S	-0.4099	5.5834	-6.8340	-1.8480	13.0178	0.1541	22.4091	-14.3263
103	AASHTO-VB-B	-2.3869	-2.4647	11.8429	-138.1246	-54.2556	60.3849	-71.0837	102.3293
103	AASHTO-II-S	-0.9223	5.7299	-5.7032	-9.0254	21.5983	-4.8539	37.7307	6.5881
104	AASHTO-VB-B	-15.4421	3.6521	14.4985	-216.3406	-50.0838	42.8483	-156.8522	90.1250
104	AASHTO-II-S	-3.9690	7.3541	-8.5494	-19.8698	15.9879	-19.1852	29.3301	48.4095
105	AASHTO-VB-B	-31.1148	13.1449	5.4555	-272.3629	-67.0199	7.1519	-224.5172	49.3372
105	AASHTO-II-S	-3.2424	5.3668	-11.8589	-29.7898	-14.0783	-26.9676	-17.7927	92.6012
106	AASHTO-VB-B	-6.4041	2.2314	5.4152	-8.0005	19.6952	26.4096	-46.3118	30.6810
106	AASHTO-VB-C	-2.8839	5.2749	-1.8505	1.5478	5.0128	12.3379	-0.8781	-1.1193
107	AASHTO-VB-B	-2.8413	-0.1774	8.4093	-11.8504	4.7000	27.8451	-33.2836	60.9512
107	AASHTO-VB-C	-1.1912	5.3377	-2.2711	0.5063	1.9178	14.2901	4.8938	0.3477
108	AASHTO-VB-B	-0.6346	0.2113	7.4899	-28.2090	-19.1575	28.7543	-21.2444	65.8378
108	AASHTO-VB-C	-0.4330	5.3412	-2.8173	-2.0436	4.1402	12.9316	10.3281	0.7100

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
109	AASHTO-V8-B	-1.4310	0.0704	8.4092	-53.8939	-38.3727	29.9496	-35.8373	73.8788
109	AASHTO4-S	-0.3701	4.1614	-4.8359	-8.5560	7.5024	-4.0930	13.8983	-0.8774
110	AASHTO-V8-B	-5.0865	1.8195	5.4952	-50.2102	-63.3637	27.1748	-73.2878	74.4049
110	AASHTO4-S	-0.7179	3.9458	-5.2316	-11.3840	9.5037	-11.4186	13.5710	9.9998
111	AASHTO-V8-B	-11.5565	5.2976	7.7961	-127.4895	-62.0877	14.7688	-126.1461	52.0126
111	AASHTO4-S	-1.1542	2.2333	-6.9067	-14.9320	3.2299	-21.5539	-0.4999	24.7433
112	AASHTO-V8-B	-19.7641	6.5615	0.3701	-152.8616	-80.8117	-5.5823	-156.0182	5.9990
112	AASHTO4-S	-0.7949	0.0202	-9.1934	-13.8129	-13.2519	-27.5081	-35.4991	52.8299
113	AASHTO-4E	-3.5995	14.5848	-9.0091	-2.8127	-11.4575	19.3354	-12.5853	10.7090
113	AASHTO-V8-B	-11.8953	0.0014	11.6018	17.3048	52.7242	15.3525	-106.0847	134.4617
114	AASHTO-I	-2.3454	7.5697	-4.8588	-4.8406	-4.4842	-4.1775	-0.8639	13.2223
114	AASHTO-V8-C	-1.3990	6.5609	-1.8235	2.3040	-2.7971	11.0872	5.2290	2.4791
115	AASHTO-V8-B	-1.3847	1.5341	7.2720	-17.9442	-18.2102	18.6222	-23.4747	66.8355
115	AASHTO4-S	-0.9444	4.4325	-3.6542	-5.7630	-8.7546	-3.0063	5.8775	-1.3883
116	AASHTO-V8-B	-2.0109	2.5462	7.5058	-35.0290	-38.2118	16.2326	-36.9529	60.2100
116	AASHTO4-S	-0.3191	3.0782	-3.7511	-6.1874	1.5007	-7.0614	9.5715	1.4691
117	AASHTO-V8-B	-4.5837	4.2211	7.1073	-52.2709	-54.0208	12.9295	-61.1976	47.8814
117	AASHTO4-S	-0.0922	1.4485	-4.0502	-7.6613	5.7994	-13.0636	3.7354	5.4893
118	AASHTO-V8-B	-6.4120	5.4444	4.7867	-63.7995	-63.7149	4.7244	-90.8361	18.7734
118	AASHTO4-S	0.4700	-0.4824	-4.8143	-6.2618	-3.9343	-19.5146	-5.8684	6.3937
119	AASHTO-V8-D	-10.5603	7.4363	-0.1610	-62.3541	-55.0118	-4.8757	-114.3108	-81.7282
119	AASHTO4-S	1.3286	-4.2280	-6.3736	-0.5185	-9.0316	-23.0516	-26.5857	-5.7086
120	AASHTO4-S	-0.4576	5.1258	3.5799	-5.4257	-10.7610	-8.0982	9.8464	5.2587
120	AASHTO-V8-B	8.9152	1.8926	10.4367	96.3937	93.5284	23.8903	97.1234	133.3910
121	AASHTO-I	-1.9240	6.1622	-1.8263	-1.8984	-8.0090	-8.7202	-0.1983	13.0296
121	AASHTO-V8-B	-2.1952	3.0523	6.4108	6.4792	7.9479	10.7070	-0.1883	77.8554
122	AASHTO-V8-B	-0.9362	3.7429	6.4247	-6.2536	-16.0636	9.7586	-14.2232	59.8167
122	AASHTO-4-E	-0.3009	0.4422	-0.0267	-1.4274	-5.1335	-4.5340	-3.0973	14.5369
123	AASHTO-V8-B	-1.8740	4.9572	6.1114	-17.0471	-37.7769	8.4799	-27.8009	47.0506
123	AASHTO-4-E	-0.3086	0.3741	-0.1959	-2.8073	-11.0144	-5.2390	-6.7321	5.4884
124	AASHTO-V8-B	-3.2718	6.8596	5.1677	-23.9360	-52.4801	7.0009	-42.4060	29.9585
124	AASHTO-4-E	-0.2573	0.2679	-0.3859	-2.5152	-15.4479	-5.5429	-8.3156	3.9533
125	AASHTO-V8-D	-4.8219	6.4801	3.0482	-25.3566	-52.0689	7.2770	-50.3119	2.7917
125	AASHTO-8	-0.1809	0.0545	-0.7102	0.0147	-23.6777	-6.2217	-13.5129	-0.4618

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
126	AASHTO-V8-D	-6.7513	9.6446	-0.4128	-18.4018	-47.4158	7.9592	-46.4768	-42.1024
126	AASHTO-I	1.7792	-6.3401	-1.8868	9.3645	-31.4677	-20.8069	-7.7874	-28.3518
127	AASHTO-I	0.0483	0.3092	-0.7212	-1.6527	-1.2525	-5.7876	5.4922	4.5728
127	AASHTO-V8-B	3.1530	0.4099	4.2951	8.6820	18.9616	6.8374	34.3486	30.8404
128	AASHTO-4E	0.5374	3.7912	1.0957	-1.9459	-4.4153	-2.2314	2.0112	8.1813
128	AASHTO-V8-B	0.5435	4.5592	6.1362	6.5303	5.1405	6.3770	17.9274	57.5336
129	AASHTO-4I	-0.5388	3.1941	-0.0743	-3.0335	-8.2176	-3.8144	-1.1668	6.3815
129	AASHTO-8-E	-0.1753	0.2789	0.0419	-0.0647	-5.6662	-4.1900	-0.1858	10.2131
130	AASHTO-V8-D	-0.9620	7.7011	4.4765	-5.7323	-31.4671	6.5676	-14.4390	35.8675
130	AASHTO-8-E	-0.1352	0.2067	-0.1011	-0.5946	-10.5995	-4.1690	-2.9462	6.1545
131	AASHTO-V8-D	-1.5958	9.6158	3.2808	-7.5961	-42.8418	6.7818	-21.4653	21.1700
131	AASHTO-8-E	-0.1021	0.0836	-0.2375	-0.1593	-14.3607	-3.3209	-3.5772	1.1833
132	AASHTO-V8-D	-2.5218	11.2981	1.4481	-7.7679	-46.6891	7.8128	-22.7099	9.7858
132	AASHTO-I	0.4418	-2.8058	-0.8842	1.6394	-29.7615	-13.9717	-0.5705	-7.0124
133	AASHTO-V8-D	-1.2881	12.2737	-1.5411	-4.8319	-39.8785	7.9704	-8.0342	-21.3135
133	AASHTO-I	-0.2466	-3.3334	-0.1721	5.2368	-31.7107	-12.3936	11.4621	-13.8725
134	AASHTO-I	-0.0292	0.6082	-0.3796	-0.6291	-2.8457	-2.4459	0.8243	-0.3074
134	AASHTO-V8-D	0.6288	-0.4737	1.4449	1.3815	13.8144	3.8716	8.4557	31.1078
135	AASHTO-I	0.0672	-0.2349	-0.3056	-0.6887	-7.8052	-3.8592	0.0650	-1.2668
135	AASHTO-V8-B	0.2268	2.8402	2.3890	1.0918	9.7039	1.8240	5.5824	44.0111
136	AASHTO-4B	0.0515	0.7578	0.3137	-0.0801	-7.8443	-1.8512	-0.9590	3.1807
136	AASHTO-8	-0.0394	0.1942	0.0892	0.1139	-7.9717	-2.8249	0.5863	5.2267
137	AASHTO-V8-D	-0.2959	16.8433	1.8333	-1.2184	-30.2895	3.0422	-4.5095	38.5355
137	AASHTO-8-E	-0.0352	0.1519	-0.0235	-0.1256	-10.9000	-1.8935	-0.5788	1.6483
138	AASHTO-V8-D	-0.4141	13.6431	1.2064	-1.8371	-46.4785	3.3758	-6.8579	25.4720
138	AASHTO-8	-0.0314	0.0719	-0.1002	0.0300	-17.7074	-1.8423	-1.1364	-2.5593
139	AASHTO-V8-D	-0.5073	15.3898	0.1767	-1.4510	-43.1306	3.9135	-5.8326	10.3737
139	AASHTO-I	-0.0421	-2.3939	-0.1616	0.5824	-29.6814	-0.7345	1.2550	-14.0236
140	AASHTO-V8-D	-0.1567	14.7584	-0.5692	-1.4082	-39.2474	3.8710	-2.9714	5.4652
140	AASHTO-I	-0.0588	-2.7005	-0.3353	0.6190	-32.8371	-4.9817	5.0246	-11.7726
141	AASHTO-8-S	0.0459	-2.2456	0.0673	0.1203	-6.1269	1.0881	-2.4218	-0.2125
141	AASHTO-V8-D	-0.0861	-16.4704	-0.4349	1.5927	18.6284	4.1602	-4.7027	-6.3654
142	AASHTO-8-S	0.2013	-1.9987	0.0991	1.4026	-3.4614	0.8495	-10.3125	-0.8075
142	AASHTO-V8-B	-0.9018	-12.7259	-1.3991	6.5800	18.3883	6.7136	-14.3758	4.9156

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
143	AASHTO-8-S	0.5017	-2.2134	-0.1825	10.4892	-8.0334	-0.0764	-37.1483	-44.8213
143	AASHTO-I	1.1520	-11.8864	-2.2439	19.0442	-15.1318	18.3586	-64.4851	-81.5041
144	AASHTO-I-S	-0.2060	-6.8354	10.0558	14.7531	-3.1347	12.1534	91.2401	-44.5466
144	AASHTO-VB-E	22.4320	-10.2969	-8.0620	97.2629	1.9100	4.8162	-36.2339	15.9895
145	AASHTO-I	1.3695	0.1839	10.5039	-29.8945	-68.2919	34.9792	122.8396	52.3779
145	AASHTO-VB-D	24.8717	-8.8275	-1.5851	128.8230	8.8664	5.0537	-66.9153	24.9776
146	AASHTO-I	4.8251	5.8117	17.9462	-75.2647	-95.8586	37.0387	140.8634	120.4191
146	AASHTO-VB-D	34.8366	-6.5836	-2.3690	205.4111	4.3769	2.5130	-122.8337	42.6737
149	AASHTO-VB-E	-31.3911	13.5389	-9.9252	-282.1911	-74.5913	-15.7363	-253.5105	3.1476
149	AASHTO-I-S	3.1670	2.1724	-13.0443	-38.9214	-51.8057	-27.7688	-79.8658	93.1577
150	AASHTO-VB-E	-23.2857	10.6559	-8.3328	-181.1267	-81.1208	-15.4725	-215.9223	-8.6170
150	AASHTO-I-S	0.6969	-0.0827	-7.8388	-14.1295	-36.0415	-25.6803	-66.8582	41.7993
151	AASHTO-VB-D	-21.3697	7.3428	-10.0347	-80.4979	-30.7231	-20.0482	-221.8024	-126.6770
151	AASHTO-I	-0.1952	-11.2777	-12.9391	22.0974	-24.4509	-16.7084	-160.7965	-80.6783
152	AASHTO-VB-D	3.3047	8.8783	-7.5068	8.3027	-23.4356	2.7101	62.4380	-126.4458
152	AASHTO-I	1.1520	-11.8864	2.2439	19.0442	-15.1318	-18.3586	64.4851	-81.5041
153	AASHTO-VB-D	1.0710	10.8240	-1.7967	-4.0944	-30.6606	5.5592	8.8949	-7.6083
153	AASHTO-I	0.2643	-1.5946	-0.0188	2.9464	-34.4568	-11.1184	16.4990	5.0234
154	AASHTO-VB-E	0.1977	13.3808	-8.4932	-1.5396	-36.9298	2.0801	8.4389	-0.1463
154	AASHTO-I-S	0.0228	-1.8305	-0.1784	0.2509	-17.5709	-4.5323	2.5224	-4.5907
155	AASHTO-I-S	0.0939	-1.5022	0.0510	0.3441	-25.1613	5.1364	-1.3765	-2.1557
155	AASHTO-VB-E	-0.0506	-16.4081	-0.2621	1.8239	11.1929	3.4520	-5.3459	-0.6015
156	AASHTO-I-S	0.0413	-1.5457	-0.1879	0.5633	-33.1659	3.8172	0.5456	-4.0181
156	AASHTO-VB-B	0.1270	-15.9017	-0.3810	1.3141	3.1302	1.6971	-4.8009	8.4057
157	AASHTO-I-S	-0.0151	-1.9539	-0.1624	0.4056	-33.8138	0.9641	1.6030	-10.4447
157	AASHTO-VB-E	0.2146	-14.1028	-0.8941	1.3777	-5.1518	-0.4287	-3.0254	14.4557
158	AASHTO-B-S	-0.3166	-1.4269	-0.5891	0.2594	-8.8889	-1.4258	0.2197	-4.2422
158	AASHTO-IB	-0.0779	-3.9307	-0.4343	0.9599	-34.6052	-1.1676	-0.0726	-21.7846
159	AASHTO-VB-D	-0.0863	-7.8391	-1.6276	-0.6187	-16.0623	-1.4450	0.8028	14.4457
159	AASHTO-I	-0.0906	-2.4917	0.2363	1.2618	-16.5199	-4.6983	-4.8848	-24.1030
160	AASHTO-VB-B	-0.4895	-5.2395	-0.6465	-1.0235	-25.7640	0.2159	1.4312	8.5228
160	AASHTO-A-S	-0.0251	-1.7334	0.3055	-0.0636	0.6176	-0.5539	-5.8444	-5.3674
161	AASHTO-VB-E	-0.4913	-5.2161	0.7033	-1.8891	-29.8011	4.8403	1.2778	5.1395
161	AASHTO-B-S	0.0076	-0.9668	-0.0554	-0.3579	-5.5052	4.0997	-3.9809	8.8716

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
162	AASHTO-IB	0.0511	-0.9459	0.0618	-0.5814	-40.4710	12.2812	0.0250	9.5051
162	AASHTO-B	-0.0294	-1.1407	-0.0591	0.0766	-31.5691	7.2578	-1.3814	19.0214
163	AASHTO-I	-0.0799	-2.8599	-0.1580	-0.9667	-88.3495	13.4497	5.8041	16.4200
163	AASHTO-VB-D	0.1417	-10.8888	1.3468	-0.0122	-43.2186	5.8678	-0.0730	-10.3864
164	AASHTO-I	-0.2579	-5.3640	0.5036	-0.0098	-121.6136	12.0050	3.1172	1.2984
164	AASHTO-VB-D	0.1438	-13.4885	0.9892	0.9133	-46.7046	5.1273	-1.7946	-11.1988
165	AASHTO-B-S	-0.0545	-2.0077	0.4862	0.4820	-73.1015	2.9101	-0.4760	-0.2769
165	AASHTO-VB-B	0.0516	-15.7146	0.8265	1.4360	-77.2627	3.8092	-3.4078	-7.0235
166	AASHTO-B-S	0.0795	-3.1120	0.4743	0.0820	-76.3394	2.6743	-2.0866	0.9121
166	AASHTO-VB-B	0.0075	-17.6531	0.7818	1.3604	-81.7179	2.3217	-4.5778	-0.4863
167	AASHTO-I-S	0.5338	-2.1044	0.0231	1.8286	-24.5388	12.5413	-4.4745	8.5996
167	AASHTO-VB-B	-0.3169	-12.6836	-0.3008	7.8031	11.8434	7.5968	-13.9149	8.2488
168	AASHTO-I-S	0.0887	-0.4196	-0.6475	2.8881	-37.0113	9.2139	4.3251	6.9420
168	AASHTO-VB-E	0.9037	-12.9888	-1.0739	9.2551	3.4489	2.5118	-12.4304	16.0184
169	AASHTO-B-S	-0.1097	-1.7420	-0.1621	1.1143	-13.4670	-0.8186	5.3685	0.8671
169	AASHTO-VB-B	5.7737	-11.1231	-2.6326	5.6982	-4.3743	-1.8191	-6.3483	17.4670
170	AASHTO-I	0.1209	-5.2323	0.6900	0.7404	-46.9141	-8.5907	9.2352	-31.0952
170	AASHTO-VB-E	0.5717	-9.8646	-2.7471	2.2006	-11.9885	-3.5344	-1.0757	14.4564
171	AASHTO-VB-D	0.0066	-8.8017	-3.7303	-1.6205	-17.2241	-3.4054	1.3368	13.6207
171	AASHTO-I	-0.2934	-8.8568	-0.0571	5.6585	-13.9779	-7.8211	-13.4482	-48.0871
172	AASHTO-VB-D	-2.5462	-6.0787	-2.5303	-7.6623	-20.7073	-0.7975	5.5952	11.4153
172	AASHTO-I-S	-0.0295	-2.2994	0.3902	1.6155	4.8792	-1.5304	-24.9199	-12.5007
173	AASHTO-VB-D	-2.4616	-6.1301	2.2545	-7.8281	-27.3600	8.7420	5.4440	5.2033
173	AASHTO-B	0.0463	-2.2366	-0.2491	0.0463	-2.8245	12.5154	-22.2335	27.1987
174	AASHTO-VB-D	-0.0375	-7.8387	3.3024	-2.7462	-36.2104	11.8385	2.1396	3.3917
174	AASHTO-B	-0.1152	-1.8337	-0.3102	1.3159	-38.8214	16.2323	-6.0217	43.1634
175	AASHTO-I	-1.0464	-2.7177	5.3739	-4.3675	-69.8090	25.4891	14.7966	41.3463
175	AASHTO-VB-D	0.2575	-8.8808	2.5873	-5.2594	-42.4113	12.7221	0.4896	-0.6960
176	AASHTO-I	-0.4514	-3.8580	1.4625	-3.7383	-122.4222	27.4350	17.8643	20.9261
176	AASHTO-VB-D	0.8415	-10.3574	5.1198	5.4380	-48.8249	12.5286	-2.5279	-4.7268
177	AASHTO-B-S	-0.2481	-1.7428	0.8421	2.8841	-73.8424	8.1218	0.2896	-3.8929
177	AASHTO-VB-B	0.5611	-13.0621	1.7981	8.3152	-76.2667	10.3858	-8.2177	-7.7340
178	AASHTO-B-S	0.3253	-1.4497	0.9649	1.0739	-77.3894	5.0730	-8.3798	2.9012
178	AASHTO-VB-B	-0.1041	-12.2530	1.3607	5.9029	-80.2013	4.2617	-12.6958	1.2697

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
178	AASHTO-VB-C	-0.0624	2.6871	-1.4684	8.3537	-21.3394	23.9574	-11.2244	21.6344
179	AASHTO-I	1.0904	5.2015	-3.0911	15.3671	-52.7395	26.7074	-40.2743	67.8990
180	AASHTO-II-E	-0.1024	-1.4341	-0.0895	4.4147	-13.9865	0.4811	10.5188	14.1083
180	AASHTO-VB-B	3.8720	-9.6818	-3.2407	23.0902	3.0875	-2.0270	-17.3835	27.4018
181	AASHTO-I	-1.0834	-4.7070	2.4793	-3.5505	-64.5806	-5.1083	29.4958	-15.5292
181	AASHTO-VB-D	0.6256	-7.3648	-3.3052	10.6721	-0.7972	-4.3667	-8.3784	22.8068
182	AASHTO-I	-0.0564	-7.8458	2.8273	-4.7760	-45.3810	-7.8806	21.0464	-38.8651
182	AASHTO-VB-D	0.2986	-7.7245	-3.1020	2.5537	-8.2783	-4.8417	-1.4525	19.0096
183	AASHTO-VB-D	2.1180	-8.3648	-2.7265	-0.4296	-15.8112	-3.0370	2.5884	13.4486
183	AASHTO-II	0.3068	-3.7227	0.1891	4.2012	-7.8436	-3.7881	10.1789	-23.1007
184	AASHTO-VB-D	-6.3902	-8.8269	-6.7259	-17.6399	-22.0902	-8.4513	4.7932	6.4960
184	AASHTO-I	1.1194	-16.5435	-3.1478	23.5162	46.9056	4.6009	-112.5206	-146.2879
185	AASHTO-VB-D	-6.4254	-5.9198	5.1091	-18.2948	-21.3954	14.9582	4.7350	19.2706
185	AASHTO-I	1.2025	5.4165	-4.8762	17.6304	-0.0195	34.5471	-106.9991	147.8394
186	AASHTO-VB-B	1.3587	-7.5618	2.4899	-4.6808	-39.9045	18.0844	7.1366	24.8290
186	AASHTO-II-S	-1.4856	0.3178	0.7645	-0.8638	-32.7927	18.2551	14.7521	42.3947
187	AASHTO-I	-1.5741	-2.5633	0.3092	-16.8722	-68.8287	32.9679	25.2969	10.3898
187	AASHTO-VB-D	-0.3461	-6.5852	3.4950	-3.0484	-40.8639	17.6851	3.4295	2.4363
188	AASHTO-I	-1.6330	-3.2579	2.3229	-17.6528	-123.3548	58.7341	96.2366	32.3093
188	AASHTO-VB-D	0.0446	-7.0660	4.2479	4.3338	-47.8458	19.3426	-0.1908	-5.4440
189	AASHTO-I	-0.0114	-5.2647	3.8283	-3.0646	-146.2569	58.5905	95.2070	-12.8479
189	AASHTO-VB-B	3.8331	-9.2300	4.8319	19.7463	-61.0719	21.4294	3.9457	-12.6865
190	AASHTO-II-S	1.0906	-2.8846	0.3795	9.4330	-66.4996	9.5797	-44.8317	-70.2914
190	AASHTO-I	2.8848	-13.3226	-1.3854	19.4849	-105.1419	46.3084	-104.0485	-168.1204
191	AASHTO-II-S	-0.5760	4.5506	7.9083	10.4677	-45.0316	4.6212	87.9833	57.8459
191	AASHTO-VB-B	11.8590	-7.2782	2.0528	75.7263	16.9256	14.6771	-23.8322	42.4698
192	AASHTO-I	-1.5319	-2.3011	4.9655	-8.6286	-86.4624	-6.2185	58.6555	11.9343
192	AASHTO-VB-D	2.0865	-5.1017	-4.1469	33.6625	6.8806	-8.5282	-23.4188	36.9761
193	AASHTO-I	-1.5245	-7.0819	5.3738	-19.1230	-70.6817	-11.1877	49.5360	-25.1279
193	AASHTO-VB-D	0.8399	-5.3622	-3.2723	15.1947	-0.5170	-11.3625	-5.3473	29.9618
194	AASHTO-I	0.0676	-10.5319	5.5376	-20.2819	-45.3655	-8.9138	35.8996	-46.2789
194	AASHTO-VB-D	0.3398	-6.5869	-2.6503	0.9631	-6.4861	-8.0277	2.7146	19.6765
195	AASHTO-I	2.3471	-13.9884	6.8846	-12.8268	-10.3903	0.1016	26.0671	-67.6961
195	AASHTO-II-E	0.4202	-3.6346	0.4674	-3.3643	-4.1606	2.4758	8.0525	-16.9814

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
196	AASHTO-VB-D	0.1803	-7.9004	-4.6340	4.9311	-15.2258	-4.2999	21.7719	2.7336
196	AASHTO-I	0.1872	-19.2557	9.5022	20.7668	59.3327	-4.4244	162.1795	-152.9619
197	AASHTO-VB-D	0.1090	-6.8432	6.9492	3.4744	-14.1133	18.5092	23.4849	24.2788
197	AASHTO-I	0.1414	1.6860	7.4265	13.6603	5.5884	-3.3668	157.8477	154.3728
198	AASHTO-I	-1.4863	-2.9692	1.3843	-22.3058	-46.4359	15.8957	21.3012	60.8695
198	AASHTO-VB-C	-1.4258	0.3618	2.6725	-10.0623	-24.3418	8.7772	6.3752	23.8124
199	AASHTO-I	-2.2033	-3.3687	0.9194	-29.7228	-63.4002	32.5954	37.1573	66.3901
199	AASHTO-VB-D	-0.5861	-4.7281	5.1633	-8.1475	-37.4127	22.3610	8.8236	5.0072
200	AASHTO-I	-3.4685	-2.3625	2.2576	-45.7737	-120.4700	40.7641	57.8675	49.7442
200	AASHTO-VB-D	-0.5749	-3.3613	4.3507	2.0911	-45.8239	28.0034	6.3241	-6.8889
201	AASHTO-I	-1.2486	-2.3683	5.5501	-42.9658	-148.8615	57.0284	87.7365	8.0773
201	AASHTO-VB-D	1.5660	-3.9143	6.3890	19.3087	-52.8823	29.5537	-2.5652	-19.9023
202	AASHTO-II-E	-1.5903	-6.7772	12.4267	10.7961	-62.8952	14.1035	212.8825	-67.3397
202	AASHTO-VB-B	16.8100	-7.6635	4.2832	71.2179	-79.1958	10.4002	75.8230	-57.6641
203	AASHTO-I	1.6319	-5.7101	9.0431	-32.2091	-91.8061	10.0366	134.8202	36.0492
203	AASHTO-VB-D	16.6862	-6.6347	-4.2244	104.8697	2.7034	-9.4062	-60.2784	50.3011
204	AASHTO-I	-1.0099	-6.5303	8.9746	-39.2759	-99.3215	-14.0889	107.1368	-5.4694
204	AASHTO-VB-D	3.8028	-2.2038	-3.5476	53.2237	4.3718	-23.5902	-21.0910	51.2541
205	AASHTO-I	-1.5734	-10.2500	8.7142	-46.7150	-74.3639	-17.7937	64.3941	-45.7030
205	AASHTO-VB-D	-0.6764	-5.3259	-2.2695	12.1975	1.3236	-22.1282	4.7919	32.5690
206	AASHTO-I	1.0780	-15.0959	7.8283	-44.9009	-39.8598	-9.1014	40.4206	-54.0879
206	AASHTO-VB-D	0.0077	-5.8703	-1.8136	-6.3941	-3.6630	-13.6764	6.1774	15.9134
207	AASHTO-I	1.4926	-15.3332	6.4056	-35.8101	-4.3247	0.0369	52.3968	-59.8230
207	AASHTO-VB-D	1.7857	-5.8567	-2.7928	-12.8236	-6.1630	-7.7763	8.5764	7.2957
208	AASHTO-I	0.9528	-15.8745	4.4206	-35.9398	19.5484	7.3239	64.1239	-23.1560
208	AASHTO-VB-D	5.5342	-7.1540	-2.1392	-11.7154	-8.5794	-1.4966	13.8555	8.3633
209	AASHTO-I	1.4814	-15.3629	2.8189	-43.1118	11.5942	0.7649	76.8436	49.1852
209	AASHTO-VB-D	5.5300	-7.1442	2.7966	-14.1079	-15.2402	10.6098	16.3286	17.2812
210	AASHTO-I	0.9610	-8.3570	2.5836	-53.1923	-32.1152	9.4883	47.1269	81.3195
210	AASHTO-VB-D	1.4923	-4.5077	3.6361	-20.7764	-22.4619	18.0426	12.3361	18.5413
211	AASHTO-I	-2.0887	-5.9083	-0.0463	-69.7967	-73.8497	27.3801	39.0474	76.2334
211	AASHTO-VB-D	-1.0500	-4.4799	2.0158	-21.4043	-32.9090	25.4838	15.1233	15.6334
212	AASHTO-I	-4.6949	-2.4048	-0.1558	-87.1505	-113.4364	46.2492	84.7781	75.7941
212	AASHTO-VB-D	-2.3761	-1.4855	2.8554	-9.7796	-41.4861	37.7966	16.0486	-4.3368

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
213	AASHTO-I	-7.9895	2.6624	0.2251	-84.4251	-150.0882	97.2622	149.2784	59.5917
213	AASHTO-VII-D	1.2217	1.0709	0.8754	35.0991	-52.7611	44.0906	7.3044	-21.8766
214	AASHTO-I	-4.2876	13.3359	0.8104	-105.7587	-205.8171	58.6086	246.3755	87.0508
214	AASHTO-VII-D	14.9759	-0.3851	6.3329	70.9829	-75.1985	33.3179	-1.2001	-10.4257
215	AASHTO-I	3.2779	-5.1267	11.9133	-81.4181	-131.5372	11.5181	184.1287	42.7534
215	AASHTO-VII-D	17.1030	-2.4818	-9.8884	136.8191	-6.5382	-34.2579	-74.3964	64.2495
216	AASHTO-I	-2.0529	-8.2279	13.4965	-67.1406	-121.1174	-21.1676	146.8896	-60.9618
216	AASHTO-VII-D	9.3742	0.9839	-2.7151	60.8818	1.6880	-54.7509	-7.7791	54.3007
217	AASHTO-I	-0.1537	-23.2519	14.0189	-93.2407	-73.8011	-19.3276	88.2959	-83.4779
217	AASHTO-VII-D	-1.0226	-6.1515	0.9567	-4.9583	5.1868	-30.9221	21.4321	20.2896
218	AASHTO-I	3.9678	-19.4851	9.2073	-69.7454	-33.0378	-8.5146	32.1209	-69.6529
218	AASHTO-VII-D	1.2041	-5.7704	-2.9454	-18.3142	-2.4072	-16.2936	15.1315	6.8335
219	AASHTO-I	2.5185	-15.7703	4.1619	-63.1207	-4.3135	0.7697	36.2185	-40.1257
219	AASHTO-VII-D	1.8546	-5.8377	-2.5330	-20.9529	-2.8135	-10.2167	8.5410	5.6378
220	AASHTO-I	2.1206	-13.4554	2.6474	-65.1892	13.0069	4.1613	43.8766	-5.4890
220	AASHTO-VII-D	3.4234	-6.2462	-1.1098	-23.8524	-3.8705	-2.0003	9.7698	7.8603
221	AASHTO-I	2.1642	-11.0759	1.9570	-71.4191	5.5368	2.4988	41.8186	35.9791
221	AASHTO-VII-D	3.4025	-6.1273	1.4731	-26.9852	-6.5506	7.8517	7.6712	10.6156
222	AASHTO-I	1.4884	-10.0309	0.9574	-60.8184	-24.5853	9.9405	32.5899	67.0715
222	AASHTO-VII-D	1.5650	-5.3038	2.7311	-31.0571	-19.0516	16.8736	11.0131	22.4570
223	AASHTO-I	0.2364	-8.9641	-0.0750	-59.0142	-63.1567	19.1791	80.5789	84.5992
223	AASHTO-VII-D	0.4543	-4.8220	2.3912	-37.9679	-30.3290	24.5820	19.5459	21.7716
224	AASHTO-I	-4.8343	-8.7341	-4.2824	-127.9877	-104.3573	34.7832	58.4453	105.8193
224	AASHTO-VII-D	-2.8875	-5.0752	-1.1580	-54.8299	-34.8872	41.8844	25.8039	12.2203
225	AASHTO-I	-10.6599	5.3348	-5.1788	-165.1328	-159.6605	50.4606	124.3198	139.6184
225	AASHTO-VII-D	-5.2328	4.9521	2.0407	17.4295	-63.5644	70.4582	11.4584	-8.8510
226	AASHTO-I	-8.4046	22.9226	1.2406	-208.1745	-234.2140	63.7177	226.8356	175.7290
226	AASHTO-VII-D	13.2669	7.4615	11.4184	86.7981	-67.9533	55.3133	-25.8777	4.5430
226	AASHTO-I	2.8211	-60.4859	51.2393	-160.7338	-146.3600	-16.5489	208.7854	-247.6480
229	AASHTO-VII-D	-7.3345	-14.5942	7.6482	47.1371	-16.4249	-86.0557	15.6961	-31.9380
229	AASHTO-I	9.3742	-32.2368	4.1307	-116.4068	-65.8759	-10.7777	11.8389	-101.4233
229	AASHTO-II-S	2.2888	-8.2590	0.7515	-29.7097	-13.2647	-4.2646	6.0069	-27.3481
230	AASHTO-I	4.9331	-22.3655	2.6132	-86.7113	-28.7726	-5.1255	14.1948	-62.5962
230	AASHTO-VII-D	1.0936	-6.2553	-2.3284	-27.3421	-3.1953	-17.7060	15.6721	-6.5454

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
231	AASHTO-I	3.6118	-17.9042	1.4670	-77.7450	-3.2586	0.1055	12.2066	-33.8685
231	AASHTO-VII-D	1.6325	-5.5411	-2.3517	-29.4898	1.3359	-11.8937	3.5468	-2.8891
232	AASHTO-I	2.7732	-14.1000	0.8640	-78.7858	10.0623	1.2960	13.9130	-1.4849
232	AASHTO-VII-D	1.8483	-5.3013	-0.8727	-31.7177	2.6423	-3.7763	-1.7648	6.5689
233	AASHTO-I	2.4973	-12.2941	0.5305	-84.6058	3.4676	1.1234	13.3317	32.7106
233	AASHTO-VII-D	1.7925	-5.2054	1.1409	-35.5396	-2.6930	6.0036	-1.4653	19.4630
234	AASHTO-I	2.0105	-11.1329	0.2710	-86.2777	-21.8487	2.6755	11.2478	62.5411
234	AASHTO-VII-C	0.5516	-2.8695	1.2882	-40.8980	-8.8960	4.9282	4.3279	24.4964
235	AASHTO-VII-C	0.6688	-11.2139	-0.2595	-116.5435	-56.8740	6.8859	12.0993	88.3705
235	AASHTO-VII-C	-0.6483	-1.4875	1.2868	-46.6008	-22.0570	8.1092	7.7039	32.5991
236	AASHTO-I	0.5151	-13.2586	-1.1589	-155.0282	-97.5901	15.6893	16.4584	124.5159
236	AASHTO-VII-C	-1.0813	-5.7641	1.1453	-66.6884	-34.6038	11.2193	14.8384	41.8481
237	AASHTO-I	-4.8793	-27.3339	-17.5488	-219.8158	-160.9845	22.0925	76.7585	215.2874
237	AASHTO-VII-D	-6.3202	-16.2416	-10.2705	-4.0325	-62.9392	62.0015	13.8867	77.5017
240	AASHTO-II-B	9.0346	-20.3388	-10.8143	-173.1714	-72.0965	-73.8032	-115.4625	-130.5893
240	AASHTO-II-S	0.6746	-15.2887	-8.0411	-60.8695	-37.1398	0.6893	-58.5458	-73.0243
241	AASHTO-I	9.3742	-32.2368	-4.1307	-116.4068	-65.8759	10.7777	-11.8389	-101.4233
241	AASHTO-VII-D	1.0502	-8.4549	-4.0173	-37.0867	-25.0244	-15.7822	17.2594	-48.6662
242	AASHTO-I	4.9331	-22.3655	-2.6132	-86.7113	-28.7726	5.1255	-14.1948	-62.5962
242	AASHTO-II-S	1.3128	-6.0014	-0.5092	-35.2848	-4.0069	-0.5815	-4.2947	-17.0264
243	AASHTO-I	3.6118	-17.9042	-1.4670	-77.7450	-3.2586	-0.1055	-12.2066	-33.8685
243	AASHTO-II-S	1.1114	-5.1396	-0.3859	-31.9004	3.8649	-1.4628	-4.9639	-7.2043
244	AASHTO-I	2.7732	-14.1000	-0.8640	-78.7858	10.0623	-1.2960	-13.9130	-1.4849
244	AASHTO-II-S	0.9436	-4.7091	-0.1315	-34.4740	7.0170	-1.3987	-6.6725	5.8880
245	AASHTO-I	2.4973	-12.2941	-0.5305	-84.6058	3.4676	-1.1234	-13.3317	32.7106
245	AASHTO-VII-C	0.6182	-3.8646	-0.1162	-37.3836	3.8520	1.1550	-6.3579	14.3612
246	AASHTO-I	2.0105	-11.1329	-0.2710	-86.2777	-21.8487	-2.6755	-11.2478	62.5411
246	AASHTO-VII-C	0.3088	-2.4411	0.3799	-41.8053	-7.7594	2.3670	-5.1434	27.3547
247	AASHTO-I	0.6689	-11.2139	0.2595	-116.5435	-56.8740	-6.8859	-12.0993	88.3705
247	AASHTO-VII-C	-0.4584	-1.4518	0.5418	-51.0630	-22.9362	2.3694	-1.2762	37.7463
248	AASHTO-I	0.5151	-13.2586	1.1589	-155.0282	-97.5901	-13.6893	-16.4384	124.5159
248	AASHTO-VII-C	-1.8940	-8.7226	0.7665	-65.4096	-40.6926	0.4308	-1.7130	53.5550
249	AASHTO-II-B	5.7807	-26.8928	16.7180	-245.4800	-151.1679	66.2109	-127.9936	204.6399
249	AASHTO-II-S	-1.1864	-19.1415	11.9875	-116.0371	-96.0986	-6.8043	-85.3805	127.1137

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
251	AASHTO-V8-B	-15.8872	2.1540	-15.2857	-232.9464	-73.6858	-54.4451	-218.8887	-58.5928
251	AASHTO-8-E	-0.5236	-0.0650	-2.9987	-44.2133	-36.2401	-2.1619	-70.7825	-0.8471
252	AASHTO-V8-B	-2.4799	-4.5819	-9.7054	-195.4826	-69.4110	-30.5483	-115.3019	-98.5919
252	AASHTO-8-E	-1.0490	-1.7574	-3.3380	-37.9333	-31.0042	5.2455	-60.0576	-23.3900
253	AASHTO-I	-0.1537	-23.2519	-14.0189	-83.2407	-73.8011	19.3276	-88.2958	-83.4779
253	AASHTO-8-E	-0.2112	-5.9989	-3.3458	-31.7350	-17.6898	4.8514	-22.0634	-24.7982
254	AASHTO-I	3.9678	-19.4891	-6.2073	-89.7434	-33.5378	9.5146	-32.1208	-59.8529
254	AASHTO-8-E	1.0000	-5.2605	-1.3795	-27.1446	-6.6342	0.7403	-11.2256	-17.2969
255	AASHTO-I	2.5185	-15.7755	-4.1618	-63.1207	-4.3135	-0.7887	-36.2185	-40.1257
255	AASHTO-8-E	0.7975	-4.6391	-0.8232	-26.2501	5.4427	-3.1252	-14.7887	-10.7316
256	AASHTO-I	2.1206	-13.4554	-2.8474	-65.1802	13.0069	-4.1613	-43.8769	-5.4960
256	AASHTO-8-E	0.6429	-4.3115	-0.3024	-26.7434	8.8290	-3.8556	-20.4368	3.4652
257	AASHTO-I	2.1642	-11.0759	-1.6570	-71.4191	5.5368	-2.4889	-41.8186	35.8781
257	AASHTO-8-E	0.6119	-4.2067	0.2508	-32.1837	3.1145	-2.0761	-21.5947	22.8727
258	AASHTO-I	1.4664	-10.0309	-0.9574	-80.6194	-24.5853	-6.3405	-32.5899	67.0715
258	AASHTO-V8-C	0.0577	-1.8947	-0.4030	-36.4791	-8.0752	1.3068	-15.3573	32.2566
259	AASHTO-I	0.2394	-8.8641	0.0750	-86.0142	-63.1567	-19.1761	-30.5789	84.5982
259	AASHTO-V8-C	-0.6136	-0.7300	-0.1475	-46.3395	-26.7316	-3.5265	-10.8997	40.9557
260	AASHTO-I	-4.8343	-8.7341	4.2824	-127.8677	-104.3573	-34.7832	-56.4453	105.8183
260	AASHTO-V8-C	-2.3262	-0.5210	0.3849	-62.9233	-46.8657	-7.5068	-16.8205	53.3403
261	AASHTO-V8-B	-7.0754	0.0024	11.8564	-185.6801	-150.4409	18.4916	-147.8328	159.7020
261	AASHTO-8-E	-4.6841	1.3861	4.7178	-83.1536	-62.0331	-21.1453	-73.4733	70.7906
262	AASHTO-V8-B	-20.4051	14.3233	14.7633	-310.4820	-187.8597	9.8404	-286.3409	139.6815
262	AASHTO-8-E	-4.1783	9.6811	2.2011	-105.0954	-123.3853	-18.2106	-124.0179	66.7623
263	AASHTO-V8-B	-15.9600	5.8414	-7.2423	-134.4059	-54.1125	-9.2423	-167.8393	-32.3173
263	AASHTO-8-E	1.5785	-2.9120	-6.8912	-16.5833	-55.0542	-5.6756	-79.4851	29.4456
264	AASHTO-V8-B	-5.5432	-1.5374	-6.8936	-66.2788	-56.2850	-16.1084	-112.5762	-45.8969
264	AASHTO-8-E	-0.7981	-1.8657	-1.8998	-18.3673	-23.6445	4.8271	-43.3184	-5.3291
265	AASHTO-V8-B	-0.4569	-2.8277	-0.2610	-52.2845	-41.8795	-8.0860	-44.7647	-57.2808
265	AASHTO-8-E	-0.5213	-2.7036	-1.8432	-19.2927	-16.5484	5.1654	-22.8151	-13.1077
266	AASHTO-I	1.0780	-15.0859	-7.6283	-44.9009	-39.8598	9.1514	-40.4206	-54.0879
266	AASHTO-8-E	0.2339	-3.9663	-1.6359	-17.4527	-8.3583	0.9948	-14.1598	-16.5230
267	AASHTO-I	1.4926	-15.3332	-6.4056	-55.8101	-4.3247	-0.0369	-52.3969	-59.8230
267	AASHTO-V8-C	0.2042	-6.5637	-5.3096	-13.6798	2.2253	-3.2479	-29.5858	-57.2295

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
268	AASHTO-I	0.9528	-10.8745	-4.4208	-95.8398	19.5464	-7.3239	-64.1239	-23.1580
268	AASHTO-V8-C	-1.3078	-2.7079	-3.8967	-15.1497	16.4472	-5.2582	-47.2624	-15.5739
269	AASHTO-I	1.4814	-10.5629	-2.8188	-43.1118	11.5942	-0.7649	-79.8436	49.1692
269	AASHTO-8-E	0.1160	-3.5235	0.3453	-18.2321	8.7808	-2.4724	-41.4088	30.7352
270	AASHTO-I	0.8610	-6.3370	-2.5836	-53.1923	-32.1152	-9.4883	-47.1289	81.3195
270	AASHTO-8-E	0.1988	-3.3407	0.8061	-23.1961	-15.3504	-6.3480	-26.3933	48.1816
271	AASHTO-I	-2.0087	-5.8093	0.0463	-89.7667	-73.8497	-27.3801	-38.0474	76.2334
271	AASHTO-8-E	-0.7924	-3.1470	1.7264	-33.1844	-40.8636	-13.0687	-21.1181	45.1318
272	AASHTO-I	-4.6949	-2.4046	0.1558	-87.1505	-113.4364	-46.2482	-64.7791	75.7841
272	AASHTO-8-E	-2.3000	-1.0366	1.8193	-42.0419	-65.2803	-21.0639	-35.4886	43.6525
273	AASHTO-V8-B	-8.4068	2.5969	5.1696	-123.1788	-139.8592	-15.6878	-153.1571	84.8835
273	AASHTO-8-E	-3.4750	1.3967	-0.0092	-47.2298	-66.2423	-25.3760	-74.4435	30.7019
274	AASHTO-V8-B	-17.8531	13.5707	3.2593	-177.3600	-181.3796	-18.8507	-286.5636	79.5782
274	AASHTO-8-E	-2.2933	6.1353	-1.9054	-53.8128	-105.9050	-22.4220	-123.3091	32.7990
275	AASHTO-V8-D	-17.8569	7.0962	-0.1724	-91.6470	-21.7872	3.5771	-194.2350	80.4505
275	AASHTO-I	-0.3073	4.7100	-8.6642	16.2704	-66.6561	-7.6508	-153.0240	96.9808
276	AASHTO-V8-B	-2.5095	2.7414	-5.6351	-40.8237	-55.4033	0.6112	-71.0308	-10.3399
276	AASHTO-8-E	-1.3016	-0.8753	-5.8058	-9.2269	-65.4153	1.8032	-35.3561	7.5513
277	AASHTO-V8-B	-1.5983	0.7859	-5.3001	-31.0282	-39.8496	-1.7290	-44.1872	-38.2129
277	AASHTO-8-E	-0.4991	-1.9598	-1.1023	-8.2585	-16.3029	3.7322	-18.2618	-5.5220
278	AASHTO-I	0.0678	-10.0319	-5.3176	-20.2619	-43.3853	8.8138	-35.8986	-46.2769
278	AASHTO-8-E	-0.0653	-2.8179	-1.0963	-7.7899	-11.5354	1.7915	-13.3368	-13.9536
279	AASHTO-I	2.3471	-13.9484	-4.6846	-12.8268	-10.9903	-0.1016	-36.0671	-67.6961
279	AASHTO-V8-D	1.1324	-6.4103	-3.7429	1.5805	4.0584	-8.3291	-13.2048	-53.5272
280	AASHTO-8-E	-0.4674	-3.8659	-1.3378	10.7723	15.1854	-8.0962	-78.5691	-62.2369
280	AASHTO-I	0.1872	-16.2557	-9.5022	20.7998	53.3327	4.4244	-162.1795	-152.3613
281	AASHTO-8B-E	-1.2709	4.8921	-6.3617	9.5834	1.0079	11.1032	-105.4416	99.2809
281	AASHTO-V8-B	-6.9353	0.6059	6.2871	16.4746	53.8680	0.4451	-154.2917	179.2588
282	AASHTO-I	-1.4963	-2.9692	-1.3843	-22.3058	-46.4359	-15.6957	-21.9012	80.8985
282	AASHTO-V8-D	0.3328	1.1768	3.4677	-4.8301	-12.0406	-1.5821	-17.0291	78.6682
283	AASHTO-I	-2.2933	-5.3687	-0.9194	-39.7229	-65.4002	-32.5954	-37.1573	66.3901
283	AASHTO-8-E	-0.9676	-1.4870	0.9588	-18.2154	-44.5808	-15.2673	-20.0214	40.1623
284	AASHTO-V8-B	-0.2167	2.6196	4.9690	-46.0946	-104.1994	-18.1344	-81.1935	70.2757
284	AASHTO-8-E	-1.7836	-0.4076	0.3659	-21.8405	-67.2816	-20.3773	-31.1072	29.8319

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
285	AASHTO-V8-B	-3.8172	4.7713	3.5429	-59.1233	-195.8669	-29.4285	-66.1551	34.2891
285	AASHTO-8-E	-1.1612	0.5818	-0.8750	-19.6995	-84.6600	-24.3695	-44.6162	7.9443
286	AASHTO-V8-D	-18.5954	6.0464	-5.6523	-83.7994	-88.1428	-20.3959	-272.8853	-94.0782
286	AASHTO-I	-2.3958	-9.1297	-16.9403	15.5250	-119.5457	-22.1570	-335.5319	-150.3743
287	AASHTO-V8-C	1.3006	8.5208	3.0527	7.2770	-29.8079	-19.2782	23.8194	47.0204
287	AASHTO-I	1.0804	5.2015	3.0811	15.3871	-62.7385	-26.7074	43.2743	87.8896
288	AASHTO-V8-D	-4.6338	7.4999	-3.5642	-15.4627	-39.8349	-3.4495	-45.6823	3.1920
288	AASHTO-I	-1.9462	-1.2228	-1.8468	6.9561	-73.5879	-5.8717	-56.7730	15.6470
289	AASHTO-V8-B	-1.1910	4.4596	-4.0053	-12.6793	-36.7095	0.6828	-30.4082	-24.2795
289	AASHTO-8-E	-0.6809	-2.5918	-1.8707	-1.3080	-40.6424	1.6975	-16.5361	-10.1945
290	AASHTO-V8-B	-2.4179	3.0145	-4.0364	-5.4264	-19.1998	1.8523	-18.0494	-41.3953
290	AASHTO-8-E	-0.0960	-1.7784	-0.6046	-1.5284	-12.0125	2.3498	-7.7957	-11.6666
291	AASHTO-8-B	1.2179	-7.1601	-1.7208	2.4867	-6.9175	3.9330	-9.4465	-41.8049
291	AASHTO-V8-B	-1.5867	2.5471	-3.3835	6.3995	3.3108	3.7507	-15.7969	-56.7443
292	AASHTO-8-E	0.8544	-2.9286	-0.9428	13.2707	12.9099	4.4587	57.3831	-61.0114
292	AASHTO-V8-B	7.2956	1.5173	-5.8122	43.7067	47.4899	2.4821	127.7788	-137.9181
293	AASHTO-8-E	0.7214	4.3346	3.6900	11.2101	-5.0804	-24.4752	66.7963	87.0171
293	AASHTO-V8-B	7.2081	5.5700	7.5246	43.3870	54.1192	-6.4763	128.5012	176.4617
294	AASHTO-I	-1.9467	-1.4475	-0.3317	-2.4445	-52.5041	-29.1082	-23.6345	73.7596
294	AASHTO-V8-D	-2.2322	4.5463	3.4591	3.1107	-11.7695	-12.7003	-14.5390	78.3075
295	AASHTO-I	-1.5741	-2.9633	-0.8092	-16.8722	-88.9287	-32.9879	-25.2968	55.3999
295	AASHTO-8-E	-0.7546	-5.7130	0.4256	-7.2084	-46.4067	-15.2304	-13.1163	34.1961
296	AASHTO-V8-B	-2.0325	5.6310	3.2079	-20.6863	-102.5130	-19.2847	-43.2143	49.3715
296	AASHTO-8-E	-0.9540	-0.3004	-0.2523	-7.8402	-67.2010	-16.8187	-19.8304	20.8183
297	AASHTO-V8-D	-4.6773	7.5999	2.1008	-19.5891	-100.3972	-11.8010	-60.9155	6.7327
297	AASHTO-8-E	-0.7336	-5.2421	-1.6711	-1.1668	-81.5120	-14.4481	-30.5883	-2.0430
298	AASHTO-V8-D	4.3664	7.2845	-2.8228	6.9149	-77.6357	-18.3110	66.3806	-113.9139
298	AASHTO-I	2.8946	-13.3228	1.3854	19.4848	-105.1418	-46.3084	104.0465	-168.1204
299	AASHTO-V8-D	0.7370	9.0999	-0.0712	-2.5350	-30.1763	-2.1171	6.3156	2.5039
299	AASHTO-I	0.7872	-3.7655	0.0811	2.9258	-43.8482	-16.5564	7.9982	11.7439
300	AASHTO-V8-D	-0.9392	10.7415	-0.5458	-1.8722	-32.4139	-2.1957	-7.4458	6.2253
300	AASHTO-I	0.0524	-1.7282	0.8396	4.8019	-60.0601	-8.7243	-5.8877	11.7854
301	AASHTO-V8-D	-1.1025	9.3637	-2.8102	-3.6596	-29.0145	-0.4994	-15.5875	-18.1473
301	AASHTO-I	-0.7539	-3.4049	-0.5130	1.7605	-57.8996	0.5957	-14.0133	-12.6590

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
302	AASHTO-V8-D	-0.8248	6.5228	-2.8504	-0.5678	-19.3457	2.7625	-9.0308	-32.6678
302	AASHTO-V8-A	-0.0418	0.1307	-1.3513	0.8819	-19.9224	2.3844	-6.2039	-24.6924
303	AASHTO-8-E	-0.0099	-1.2741	-0.2297	2.3401	-2.2764	4.4470	5.8123	-17.5853
303	AASHTO-B	-0.3670	-4.4901	-0.7211	8.7447	-7.7217	8.2994	14.8248	-50.3318
304	AASHTO-8-E	0.2933	-1.2133	-0.1186	0.9663	7.9539	1.8315	19.2787	-4.4135
304	AASHTO-V8-D	2.7373	3.3220	-2.4673	8.7216	32.9309	2.8436	40.8258	-19.2236
305	AASHTO-I	0.7604	-5.4424	0.2674	-1.9083	-2.8004	-21.2433	33.4535	34.9578
305	AASHTO-V8-B	2.8257	2.9920	2.9217	8.8360	25.3075	-13.2357	47.2039	43.8791
306	AASHTO-I	0.1360	-2.0413	1.3331	-0.7344	-46.8110	-29.1430	5.1576	59.4245
306	AASHTO-V8-B	-0.1357	6.0240	4.2291	5.5617	-15.5149	-16.8139	13.5544	70.6125
307	AASHTO-I	-1.0484	-2.7177	-0.3739	-4.3975	-69.8090	-28.4891	-14.7966	41.3483
307	AASHTO-8-E	-0.4072	-0.2955	0.1659	-1.7293	-46.3454	-12.8402	-6.6361	28.5812
308	AASHTO-V8-B	-1.4058	8.5842	1.3940	-5.9609	-68.5171	-13.4839	-23.7512	35.9401
308	AASHTO-8-E	-0.4114	-0.2641	-0.3574	-1.3727	-65.4612	-11.4124	-10.0769	14.8288
309	AASHTO-V8-D	-1.2217	10.5242	0.0769	-2.4120	-91.6541	-8.1364	-9.7111	-0.3798
309	AASHTO-I	-0.8245	-5.4584	-1.2124	6.2738	-141.8624	-24.8333	3.4962	-11.7575
310	AASHTO-V8-D	0.0369	10.4217	-0.7438	-4.0323	-96.5001	-7.8621	6.2104	5.6384
310	AASHTO-I	0.4830	-3.0183	-2.1413	2.3047	-160.0515	-19.3968	20.8583	10.0749
311	AASHTO-V8-D	0.1342	13.4598	-0.1468	-0.9419	-31.9452	-0.7346	0.3369	-2.7952
311	AASHTO-I	0.1432	-5.2432	0.0123	0.5621	-45.1581	-6.7970	2.3628	-5.7751
312	AASHTO-V8-D	-0.1252	12.9985	-0.1149	-0.4699	-31.9715	-1.8868	-1.8249	-6.0594
312	AASHTO-I	0.0406	-3.1250	0.3291	0.9867	-55.2878	-4.8475	-0.4935	-5.1411
313	AASHTO-V8-D	-0.2607	11.9813	-0.7120	-0.5504	-26.5705	-0.2176	-3.8268	-16.7793
313	AASHTO-I	-0.0443	-2.3895	0.2762	0.8154	-54.8760	-0.5008	-2.5418	-14.1103
314	AASHTO-V8-D	-0.2175	9.4716	-1.3808	0.0664	-11.2029	1.3764	-1.8851	-26.3307
314	AASHTO-B	-0.1862	0.9417	-0.2583	0.7093	-34.4439	2.2540	-0.8898	-27.6825
315	AASHTO-8-E	0.0014	-0.4918	-0.1231	0.3510	-1.4730	2.2073	2.0501	-7.7653
315	AASHTO-B	-0.0841	0.1299	-0.8252	1.3753	-15.9787	4.1518	5.5078	-26.2926
316	AASHTO-I	-0.0073	-3.3796	-0.3862	-0.3459	-0.0344	1.0926	6.4085	-7.2015
316	AASHTO-V8-D	0.5453	3.2002	-0.8345	1.3047	28.9706	0.8851	10.4462	-6.3872
317	AASHTO-I	0.1718	-3.4798	-0.1255	-1.1888	-10.3477	-6.2089	6.7124	13.3416
317	AASHTO-V8-D	0.5623	3.3477	0.9039	1.2895	20.3598	-4.4492	10.4298	18.2390
318	AASHTO-I	0.0457	-3.5130	0.2236	-0.5496	-46.2213	-13.4296	1.2951	23.3196
318	AASHTO-V8-B	0.0463	6.2609	1.5103	1.1182	-17.2054	-6.4767	5.0958	42.8582

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
319	AASHTO-IIE	-0.0756	-0.6455	0.3589	-0.9391	-72.3781	-11.3181	-3.6912	17.3934
319	AASHTO-II-S	-0.0732	0.2729	0.0802	-0.2135	-45.5225	-5.8332	-1.4295	14.7426
320	AASHTO-VII-D	-0.3404	12.3042	0.8063	-0.8678	-73.7912	-4.4024	-0.1077	20.5956
320	AASHTO-II-S	-0.1855	-1.8668	-0.1721	0.0078	-72.3983	-7.8004	-1.8144	-1.5068
321	AASHTO-VII-D	-0.1902	12.9233	-0.2091	-0.6492	-90.8120	-2.7027	-2.8706	7.1927
321	AASHTO-I	-0.1902	-4.4958	-0.9747	1.1797	-144.7152	-8.8205	2.2585	-4.8418
322	AASHTO-VII-B	0.1988	11.8706	-0.3804	-1.3304	-127.9588	-4.4630	0.4144	3.1781
322	AASHTO-I	0.1386	-7.0836	-1.1430	0.1899	-163.5764	-8.9601	4.9441	2.8545
323	AASHTO-I	0.6166	-7.8396	0.3686	-0.9436	-165.4984	11.7102	-1.7913	10.0705
323	AASHTO-VII-D	0.0867	-17.3539	0.8041	1.2790	-99.8227	1.1070	-3.8515	4.8542
324	AASHTO-I	2.8313	-6.2600	0.8358	-2.2170	-175.4613	33.8838	-15.3523	23.8445
324	AASHTO-VII-B	9.3672	-13.5525	1.8155	5.4252	-83.7777	8.4288	-13.0349	4.0762
325	AASHTO-VII-C	2.0091	6.7787	-2.1889	11.8352	-104.9066	48.7957	-50.8443	95.9236
325	AASHTO-I	5.6523	14.1726	-7.4443	20.1419	-216.8530	81.1953	-108.0099	231.0812
326	AASHTO-I-S	1.0829	13.6542	11.0265	12.9836	-154.7744	5.1624	247.7059	109.3686
326	AASHTO-VII-B	23.1139	-2.3242	11.4094	86.8851	-107.3581	17.9610	84.5741	74.2284
327	AASHTO-I	4.2786	11.4087	11.0266	-116.1958	-257.3474	33.1492	307.9127	106.0876
327	AASHTO-VII-D	26.1570	-4.6124	6.4248	93.5836	-91.3039	14.4790	-5.3837	19.2294
328	AASHTO-I	-0.0195	38.8284	16.7855	-238.9196	-313.5641	42.2670	320.8677	178.7803
328	AASHTO-VII-D	54.1705	7.8168	1.9597	134.1328	-106.8072	19.0093	-34.5094	36.3223
331	AASHTO-VII-B	-32.4178	31.7161	4.3981	-373.0894	-224.4906	-7.7620	-369.5948	84.4753
331	AASHTO-II-S	-1.1993	17.8472	-1.2834	-119.9579	-148.9544	-11.3371	-157.4831	53.8644
332	AASHTO-VII-B	-21.5551	17.6413	0.4362	-209.3907	-164.4289	-6.3317	-324.3469	59.8238
332	AASHTO-II-S	0.5367	6.3120	-2.3844	-58.1037	-123.2079	-8.9032	-148.4178	35.5415
333	AASHTO-VII-D	-21.2347	14.5765	4.6803	-59.9610	-116.9676	2.9142	-316.8695	198.8595
333	AASHTO-I	1.6406	18.5778	-14.2835	19.8983	-243.0443	-7.7610	-388.8957	259.9635
334	AASHTO-VII-D	4.3424	14.6060	5.3054	9.1661	-102.7359	-24.2912	76.8851	186.9474
334	AASHTO-I	5.6523	14.1726	7.4443	20.1419	-216.8530	-81.1953	108.0099	231.0812
335	AASHTO-VII-D	1.8493	9.8658	1.2928	-5.4906	-107.4051	-19.5788	7.7280	15.7328
335	AASHTO-II-S	1.0719	-1.0097	-0.1991	-0.3040	-85.9032	-12.0966	9.0912	9.0925
336	AASHTO-VII-B	0.3672	11.8050	0.2978	-1.9596	-139.5964	-7.9568	-0.7602	3.6075
336	AASHTO-II-S	0.2149	-1.9320	-0.1031	-0.3665	-99.0130	-4.1429	1.2296	3.8381
337	AASHTO-VII-B	-0.4718	1.4842	0.0933	-2.8683	-10.2636	-6.5893	1.4302	9.8851
337	AASHTO-II-S	0.0944	-0.3579	0.1622	-0.8595	1.7003	-2.2646	-4.2591	-4.7830

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
338	AASHTO-VII-B	0.0065	0.7807	0.6398	-2.4793	-2.6323	-3.6676	2.0585	4.1523
338	AASHTO-II-S	0.1283	-0.5753	-0.0656	-0.2990	0.8898	0.9464	-2.1913	0.5462
339	AASHTO-VII-D	0.2702	0.1577	0.2702	-1.1913	-0.9250	-0.5398	0.5325	0.3485
339	AASHTO-I	-0.4815	-0.6219	-0.8273	1.1428	5.4054	5.0262	2.1918	4.8548
340	AASHTO-VII-B	-2.3192	-0.9564	0.2892	-11.0545	-5.4653	-15.8788	-3.4755	-10.0189
340	AASHTO-II-S	0.5065	-1.3620	0.2818	-2.0146	8.5728	-2.2879	-19.8945	-11.5021
341	AASHTO-VII-D	0.2252	-0.5506	1.0337	-8.0159	-8.7096	-7.3448	3.1388	-3.3274
341	AASHTO-II	0.6833	0.3141	-0.9031	0.6911	1.5336	5.0260	-11.5200	8.0612
342	AASHTO-VII-D	0.8850	-0.0706	0.1768	-4.3463	-2.7231	-3.7213	-3.0018	-3.2115
342	AASHTO-I	-2.4043	0.3597	-1.1232	6.8202	-0.7746	5.0580	7.8235	2.3760
343	AASHTO-VII-D	-7.8428	3.0804	1.9251	-19.0523	-29.4043	-2.0577	-13.5266	5.6963
343	AASHTO-I	3.2135	16.0643	-8.0346	24.2905	-36.4283	46.2132	-172.1368	113.3699
344	AASHTO-VII-D	2.1478	0.4255	0.2563	-8.7343	-13.8852	-14.7560	6.3080	-7.3913
344	AASHTO-I	-1.7215	5.4454	0.4719	17.8678	-22.6467	3.1029	23.2532	15.7415
345	AASHTO-VII-D	0.8999	0.5886	0.2028	-10.9491	-3.2852	-7.9531	-11.3257	-4.4223
345	AASHTO-I	-2.7205	1.0777	0.5309	5.0292	-4.8592	-2.7453	9.9055	0.6485
346	AASHTO-VII-D	12.1901	3.4656	5.3136	-2.0753	-24.8853	-40.6496	51.7223	9.3992
346	AASHTO-I	1.2004	14.5060	15.2960	24.3909	-55.8989	-82.1287	260.6481	112.4099
347	AASHTO-VII-B	0.7592	1.7140	2.2175	-19.4157	-12.2498	-32.1411	5.2942	-2.2393
347	AASHTO-II-S	0.2545	1.4378	2.3424	-1.5185	-5.8280	-16.5520	13.0246	10.0372
348	AASHTO-VII-B	2.1884	0.2777	0.7491	-21.4385	-2.9284	-13.4211	-17.3646	-5.0589
348	AASHTO-II-S	0.3764	0.2756	0.8598	-5.7452	-1.4558	-5.8422	5.0947	1.2779
349	AASHTO-I	4.0839	-8.5227	0.9492	-63.5990	25.5134	-44.4652	122.1701	-42.1142
349	AASHTO-II-S	1.4964	-2.6119	2.9706	-25.5912	12.0929	-18.2921	51.9444	-17.1671
350	AASHTO-I	6.3369	-6.7657	5.7130	-59.5560	6.7023	-46.1187	66.8368	5.7298
350	AASHTO-II-S	2.1776	-2.2394	2.9935	-22.1983	5.7398	-17.7883	29.3259	5.1541
351	AASHTO-I	5.6872	0.0011	3.8420	-48.3182	0.3532	-19.3179	12.6833	1.3085
351	AASHTO-II-S	2.0909	0.0112	1.1713	-20.1135	0.2231	-7.8187	5.8437	1.0276
352	AASHTO-I	5.0139	-7.2454	5.5497	-103.3730	16.3082	-25.6820	66.5327	-61.3965
352	AASHTO-VII-B-S	3.0230	-2.9189	-0.1791	-42.0923	-1.0196	-28.3964	15.2362	-16.9211
353	AASHTO-I	7.7709	-4.2728	5.4048	-89.1042	15.7764	-25.6741	45.9284	-14.5599
353	AASHTO-II-S	2.6272	-1.3277	1.9503	-36.4727	5.3991	-11.0376	16.4364	-6.5234
354	AASHTO-I	11.5869	-6.8693	2.9353	-83.1727	4.0458	-13.7813	12.8918	0.8142
354	AASHTO-II-S	3.9027	-0.2647	0.8868	-34.0411	1.4304	-5.7419	5.2423	0.0834

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
355	AASHTO-I	9.7085	-6.5291	2.3010	-122.5215	11.4325	-8.6964	21.5877	-57.4407
355	AASHTO-VB-S-S	2.5502	-2.8486	-1.8306	-49.7612	0.8279	-23.7310	-0.6187	-23.2652
356	AASHTO-I	8.6652	-3.5378	1.9360	-105.5673	12.4212	-8.5701	14.8918	-20.7686
356	AASHTO-B-S	2.8630	-1.2405	0.5415	-43.6332	4.1341	-4.4773	5.5705	-9.5241
357	AASHTO-I	14.5447	-1.0026	0.9075	-101.3363	4.0407	-4.4710	4.8713	-1.8061
357	AASHTO-B-S	4.7674	-0.3132	0.2892	-41.8677	1.3607	-2.2481	0.8287	-1.1165
358	AASHTO-I	9.7085	-6.5291	-2.3010	-122.5215	11.4325	8.6964	-21.5877	-57.4407
358	AASHTO-VB-S-S	1.0581	-2.3552	-0.5770	-49.8578	4.6046	-17.0497	-18.9407	-25.8353
359	AASHTO-I	8.6652	-3.5378	-1.9360	-105.5673	12.4212	8.5701	-14.8918	-20.7686
359	AASHTO-VB-D	2.3297	-1.1005	-1.8899	-41.8558	5.8356	-16.1794	-27.3121	-9.3266
360	AASHTO-I	14.5447	-1.0026	-0.9075	-101.3363	4.0407	4.4710	-4.8713	-1.8061
360	AASHTO-VB-D	4.7149	-0.2396	-0.5151	-36.3116	1.8202	-7.1864	-41.7571	-0.7060
361	AASHTO-I	5.0139	-7.2454	-6.5497	-103.3739	19.3092	25.6600	-66.5327	-61.3969
361	AASHTO-VB-B-S	-0.9269	-1.4238	-4.2587	-41.2750	11.0469	-8.7063	-41.5729	-24.9997
362	AASHTO-I	7.7709	-4.2728	-5.4046	-89.1042	15.7784	25.6741	-63.3284	-14.5599
362	AASHTO-VB-D	0.6771	-0.8882	-2.8379	-31.4667	10.5483	-7.0240	-42.0111	-5.1918
363	AASHTO-I	11.5866	-0.8693	-2.9303	-83.1727	4.0459	13.7813	-12.6816	0.8142
363	AASHTO-VB-D	3.3298	-0.3378	-1.0371	-27.1806	2.8334	-2.4319	-45.0920	1.8664
364	AASHTO-I	4.0839	-8.5227	-8.6492	-63.5990	85.5134	44.4852	-122.1701	-42.1142
364	AASHTO-VB-D	-4.7247	-0.7718	-4.9524	-21.4696	28.2918	-1.2816	-80.5732	-21.2517
365	AASHTO-I	8.3369	-0.7657	-8.7190	-56.5580	8.7023	45.1197	-66.8366	9.7298
365	AASHTO-VB-D	-0.5834	-0.6274	-3.6036	-11.2591	10.3982	4.1915	-66.1852	14.8539
366	AASHTO-I	5.6672	0.0011	-3.5420	-49.3182	0.3532	19.3178	-12.6833	1.3085
366	AASHTO-VB-D	1.2504	-0.0776	-1.5869	-7.8745	1.5491	0.9618	-46.9837	4.5999
367	AASHTO-B-S	-0.4668	4.4361	-5.6028	13.4704	-3.6309	31.3671	-117.4415	59.7352
367	AASHTO-VB-B	-11.3122	8.4782	-4.6341	32.0328	14.4408	31.2197	-226.4396	123.3691
368	AASHTO-I	0.3123	4.9371	-7.5080	-3.4160	-19.9519	41.6735	-28.4942	15.3131
368	AASHTO-VB-D	-0.3810	1.5788	-3.2445	16.4006	-8.3212	5.8254	-25.8072	27.1003
369	AASHTO-I	0.0760	0.9519	-2.7374	-14.3941	-4.4595	14.0794	-12.8504	0.4757
369	AASHTO-VB-D	-1.4408	0.3575	-1.2532	10.3452	-0.2310	-0.9785	-32.1967	8.6043
370	AASHTO-B-S	1.5593	4.8862	2.7569	14.8595	-5.5543	-14.7243	81.2907	59.8439
370	AASHTO-VB-B	10.3880	7.7887	7.4219	47.6874	14.0149	-33.6624	162.7702	123.9964
371	AASHTO-B-S	-0.5871	1.7060	-0.2883	9.2175	-6.0900	-1.5769	-7.7892	11.8983
371	AASHTO-VB-B	-3.0334	3.2797	-0.4028	27.7721	-0.8035	-16.3710	-11.1231	32.3425

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
372	AASHTO-I-S	-1.3419	0.7622	-0.3675	3.7399	-0.5312	1.6878	-6.8536	0.4645
372	AASHTO-VB-B	-2.4067	0.6472	-0.3115	17.9521	-0.3581	-0.4297	-19.0789	8.0980
373	AASHTO-I	2.1798	-5.2645	-6.4872	-6.0208	27.9102	5.3675	44.4623	-26.8867
373	AASHTO-VB-D	3.7877	-2.2235	-0.3622	7.7154	27.1406	-12.4489	44.8083	-16.9845
374	AASHTO-I	1.7255	0.7419	3.8808	-0.8738	3.3296	-13.8915	16.3017	15.2475
374	AASHTO-VB-B	1.0426	1.1873	2.7633	11.5417	12.6811	-17.7323	24.9103	20.3652
375	AASHTO-I-S	-2.7453	0.1325	0.3186	3.8802	-0.0365	-2.2281	-1.8350	1.8454
375	AASHTO-VB-B	-2.3303	0.3460	0.8229	11.8554	2.2997	-8.2684	-6.4234	6.7633
376	AASHTO-I	0.4134	-1.9992	-0.4917	-2.1709	9.6719	4.9543	9.4465	-8.2805
376	AASHTO-VB-D	0.7503	-2.4361	-0.3036	1.1754	15.7912	-4.2334	12.0625	-21.8031
377	AASHTO-I	0.4238	-2.4004	0.5353	-1.0508	12.4822	-2.8524	3.8878	3.9257
377	AASHTO-VB-D	0.3056	-2.2080	0.9026	2.3383	12.5182	-6.4579	7.7276	-3.4173
378	AASHTO-B-S	-0.1506	-0.1912	0.2990	0.7883	1.3137	-1.2419	0.0780	1.6290
378	AASHTO-VB-B	-0.5489	-0.5229	0.7902	2.7394	3.6268	-3.1594	8.7029	3.3209
379	AASHTO-I-S	0.3502	-5.1122	-0.3128	0.3939	-129.8751	8.8295	2.0188	3.6375
379	AASHTO-VB-B	0.4220	-19.4178	0.1847	2.2958	-82.6873	0.8262	-4.0159	5.8367
380	AASHTO-B-S	0.1037	-2.8882	-0.5590	1.0771	-88.0008	0.8049	2.0046	-1.4418
380	AASHTO-VB-B	0.6111	-19.8682	-0.8712	5.0302	-96.5554	-3.3624	-3.1624	13.4888
381	AASHTO-B-S	-0.0305	-1.9530	-0.5877	0.8796	-85.1214	-2.8296	3.2510	-10.4583
381	AASHTO-VB-B	0.3485	-19.9121	-1.9580	2.4482	-82.8615	-8.3833	-1.5925	13.5767
382	AASHTO-B-S	-0.0328	-1.0891	-0.4090	0.3359	-78.3892	-5.9882	2.4469	-19.4588
382	AASHTO-VB-B	0.2216	-12.0834	-2.4693	1.4575	-81.1026	-12.0441	-0.7273	11.4703
383	AASHTO-B-S	-0.1423	-5.4236	-0.2746	0.9013	-56.3721	-7.4675	-0.4754	-25.0514
383	AASHTO-B	-0.3234	-2.8443	-1.2133	2.4602	-106.0122	-15.0156	-2.2099	-51.3151
384	AASHTO-VB-D	-0.3955	-2.8697	-2.5468	-0.1298	-33.4529	-12.9797	-0.4670	16.8874
384	AASHTO-I	-0.4248	-0.3180	0.3862	2.2767	-66.4815	-19.0991	-10.2249	-56.3050
385	AASHTO-VB-B	-0.6699	0.1477	-1.1550	-1.6668	-23.3024	-13.2139	-0.5124	10.0660
385	AASHTO-I-S	-0.0219	-1.2996	0.3768	0.0002	-8.0674	-5.4989	-0.2139	-21.5285
386	AASHTO-I-S	1.6491	-6.8222	-1.8344	5.3746	-156.0841	22.8376	6.8598	56.6708
386	AASHTO-VB-B	2.4214	-13.9990	0.2462	12.0258	-97.3090	5.8822	-10.2279	15.1284
387	AASHTO-B-S	0.1991	-1.0426	-1.0727	5.8327	-102.7174	0.4485	13.8950	5.1184
387	AASHTO-VB-B	2.7126	-12.5722	-3.0446	13.5501	-100.5103	-6.2920	-1.9029	5.4615
388	AASHTO-B-S	-0.1389	-0.8692	-1.0517	1.3422	-96.2171	-7.3639	15.5521	-15.1204
388	AASHTO-VB-B	1.3317	-10.6041	-4.8046	9.2639	-84.8958	-19.9085	2.2667	0.3518

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
389	AASHTO-8-II	-0.3039	-1.0648	-0.7576	0.1748	-79.9051	-13.1821	12.4805	-31.2367
389	AASHTO-V8-D	0.5855	-8.5940	-3.3280	5.3308	-57.1216	-23.3466	9.3072	-0.7117
390	AASHTO-8-II	-0.2356	-1.4291	-0.4441	1.0585	-56.0754	-16.3020	5.1821	-44.6191
390	AASHTO-8I	0.0217	-6.5424	-1.3435	5.8818	-104.2067	-33.1334	9.5052	-84.3763
391	AASHTO-V8-D	-1.2718	-5.6576	-6.5716	0.7500	-30.8941	-26.5473	-2.8317	-13.3298
391	AASHTO-I	-1.7943	-6.1191	-0.8988	14.0022	-82.4126	-33.1882	-33.8941	-133.0008
392	AASHTO-V8-D	-2.4044	-9.6257	-3.7425	-8.1231	-20.3471	-25.5549	-1.5065	-6.8015
392	AASHTO-I	-0.5047	-1.1288	1.0507	4.3838	-8.7104	-32.5105	-58.8046	-72.3458
393	AASHTO-8-II	0.8220	1.4080	-2.6395	10.1484	-109.9154	8.6835	28.8880	41.2061
393	AASHTO-V8-B	7.9056	-6.3026	-0.0139	36.2595	-110.9037	1.3431	-0.9434	29.8051
394	AASHTO-I	-0.3543	2.8615	-0.4321	0.1258	-267.5727	-1.0109	97.0135	8.2718
394	AASHTO-V8-D	5.1301	-7.7501	-4.3556	26.6659	-77.1243	-15.8507	-4.1746	12.2576
395	AASHTO-V8-D	-1.7883	-6.1926	0.1791	-16.9373	-243.4839	-24.3195	90.1954	-52.5531
395	AASHTO-V8-D	2.5589	-6.3798	-6.2782	17.4252	-71.6879	-26.6705	2.8307	5.0172
396	AASHTO-I	-2.2008	-3.3213	1.8016	-14.7522	-194.2561	-38.9324	73.7543	-103.4486
396	AASHTO-V8-D	0.6862	-0.3932	-6.4254	8.3371	-80.9680	-33.3332	8.0037	-5.6868
397	AASHTO-I	-1.1814	-7.6375	3.4613	-8.8486	-134.7508	-44.8321	50.3007	-150.0714
397	AASHTO-V8-D	-0.0010	-5.5574	-0.8226	0.7791	-45.4223	-35.8781	9.6102	-18.3925
398	AASHTO-D	2.1170	-6.7964	-5.6800	-2.6802	-24.0598	-34.0594	6.7909	-33.7182
398	AASHTO-I	1.3592	-13.9856	2.8111	4.0105	-31.6885	-46.1980	16.7572	-200.2806
399	AASHTO-V8-D	-8.8034	-8.8801	-12.1453	-11.9388	11.6294	-25.8383	-17.7210	-62.5294
399	AASHTO-I	1.0404	-25.3606	-6.3399	38.9845	124.1838	4.1861	-186.8223	-354.4131
400	AASHTO-I	2.3679	11.0440	6.9248	-19.7448	-283.5411	-0.8003	193.7900	102.9279
400	AASHTO-V8-D	12.4836	-4.2415	0.0170	56.8520	-87.0806	-8.7095	-0.3178	27.7529
401	AASHTO-I	0.0314	5.4366	3.0271	-39.0631	-302.1843	-17.5273	170.0629	1.9874
401	AASHTO-V8-D	8.7277	-3.8996	-0.8263	42.1209	-88.4790	-26.8051	0.8481	21.0495
402	AASHTO-I	-3.3933	2.2214	3.6951	-50.4067	-270.7909	-38.0377	148.9808	-73.5114
402	AASHTO-V8-D	2.8990	-2.0205	-7.4607	23.8962	-86.4337	-39.9993	12.8363	9.5013
403	AASHTO-I	-4.7337	-5.4427	6.8863	-63.3647	-209.5840	-49.1168	120.8013	-150.8729
403	AASHTO-V8-D	-0.4811	-2.3028	-6.2185	4.7298	-89.2956	-45.6716	20.7710	-8.7535
404	AASHTO-I	-2.8883	-9.1683	9.3529	-45.8163	-129.2487	-49.5126	97.8959	-175.7267
404	AASHTO-V8-D	-0.4582	-5.3977	-4.8570	-7.3416	-45.6717	-45.4635	23.7236	-24.0100
405	AASHTO-I	1.2949	-16.9329	12.1620	-28.8867	-28.4424	-47.8107	94.8854	-231.8271
405	AASHTO-8-II	-0.0031	-4.7092	3.5181	-11.0864	-19.7402	-18.4606	36.5031	-81.7842

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
406	AASHTO-V8-D	11.1442	-6.5114	-4.7441	4.6281	16.8181	-58.9308	62.8346	-71.3954
406	AASHTO-I	-1.4515	-27.7953	22.7520	95.1952	131.8764	-82.1904	296.3476	-374.4765
407	AASHTO-I	7.3558	11.5484	9.2983	-116.8709	-319.7348	3.8068	300.3868	88.0244
407	AASHTO-V8-D	23.1097	-1.8851	-0.9528	85.4323	-102.3627	-12.6723	-4.3007	35.8811
408	AASHTO-I	1.0862	10.7349	7.1288	-116.9838	-341.3903	-26.6733	261.7360	-18.6772
408	AASHTO-V8-D	11.8006	1.8308	-8.0513	59.0231	-104.8879	-43.4107	9.2680	31.0619
409	AASHTO-I	-6.5152	1.9267	8.9879	-119.9601	-301.5240	-50.7211	216.2956	-115.2461
409	AASHTO-V8-D	1.4432	1.6130	-7.8048	22.2022	-86.6396	-48.7017	28.8014	11.9914
410	AASHTO-I	-8.2114	-3.4090	13.3459	-117.7847	-222.6802	-57.5171	161.3575	-172.5856
410	AASHTO-V8-D	-2.7841	0.7213	-4.3577	-10.0037	-67.6467	-61.6744	36.8477	-12.4813
411	AASHTO-I	-4.3716	-13.2162	16.2924	-103.8221	-132.7369	-50.2799	123.6903	-194.5874
411	AASHTO-V8-D	-1.8703	-5.4783	-2.1998	-26.4134	-45.9582	-54.1153	37.6854	-31.6363
412	AASHTO-I	-2.1627	-15.1468	16.0319	-74.0899	-44.8278	-45.8366	137.1118	-196.4515
412	AASHTO-V8-D	1.5613	-4.0706	-3.3197	-26.7103	-24.0582	-49.5005	36.2390	-40.3540
413	AASHTO-I	-0.1879	-7.2995	11.7246	-63.8432	1.5272	-33.5446	152.4491	-116.5969
413	AASHTO-V8-D	5.6867	-4.3215	-2.6909	-25.2028	-14.1832	-42.0316	37.7707	-29.3471
414	AASHTO-I	6.2861	34.3715	18.8485	-245.1818	-378.7118	19.5510	391.7603	116.1309
414	AASHTO-V8-D	33.0051	7.4967	-5.4979	127.2902	-126.3521	-17.9471	-10.6503	48.4919
415	AASHTO-I	0.2291	12.5073	12.8867	-235.0483	-402.3359	-22.9623	393.0859	-62.0774
415	AASHTO-V8-D	13.2147	7.0536	-11.4484	83.2672	-133.0490	-67.6776	25.8780	39.4733
416	AASHTO-I	-12.8883	8.3069	20.0378	-224.8831	-339.5809	-60.1849	301.6992	-200.3965
416	AASHTO-V8-D	-4.4653	9.1446	-6.1497	7.3075	-100.7305	-84.3280	58.5947	-4.1263
417	AASHTO-I	-9.7056	-23.3677	27.8360	-204.7325	-230.0762	-56.5626	178.1002	-260.1194
417	AASHTO-V8-D	-5.1340	-6.3916	2.7469	-48.7248	-65.1336	-74.8134	60.7394	-45.1578
418	AASHTO-I	0.4310	-22.4603	16.6065	-167.5416	-150.9825	-41.5298	102.3601	-213.4364
418	AASHTO-V8-D	0.5874	-6.8653	-2.0714	-55.0946	-45.3059	-55.3542	42.5241	-48.8200
419	AASHTO-I	0.9585	-16.6863	11.0569	-137.5898	-59.1575	-28.2124	88.6156	-163.8489
419	AASHTO-V8-D	1.8659	-5.6812	-3.4547	-49.5290	-29.9503	-46.5462	31.4855	-43.5715
420	AASHTO-I	2.5194	-12.5658	8.1817	-117.8696	-4.0979	-23.3075	82.0276	-106.7079
420	AASHTO-V8-D	3.6706	-4.8493	-2.8540	-45.2988	-11.2988	-39.3980	22.1281	-31.7869
421	AASHTO-I	-3.4944	-98.4998	84.5249	-380.0208	-364.4964	-40.8242	425.3174	-599.0508
421	AASHTO-V8-D	-11.7027	-33.4083	19.5068	-40.8254	-124.6584	-126.8403	107.8554	-185.7665
424	AASHTO-I	10.7028	-51.9799	15.5961	-277.7770	-218.9602	-92.3939	61.2639	-526.0724
424	AASHTO-V8-D	5.1144	-17.6807	-1.9063	-107.1862	-76.4844	-58.1179	42.8953	-162.1479

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
425	AASHTO-I	5.1254	-31.7903	6.7898	-213.6440	-125.6302	-16.5552	40.0982	-226.4615
425	AASHTO-VB-D	1.5312	-10.6271	-4.5092	-79.9777	-49.5993	-47.3087	91.3747	-77.0586
426	AASHTO-I	3.9039	-21.0467	4.3581	-171.8605	-97.1227	-10.5531	30.4547	-162.1861
426	AASHTO-VB-D	1.8788	-7.0947	-5.1394	-67.2054	-26.3239	-41.4351	16.4319	-57.8199
427	AASHTO-I	4.0670	-13.7101	2.9315	-143.9656	-11.2241	-8.4467	26.5483	-105.9651
427	AASHTO-VB-B-D	1.8447	-4.4813	-2.9975	-57.4079	-8.8888	-28.3187	6.5922	-40.4933
430	AASHTO-I	-3.4944	-66.4969	-64.3249	-380.0208	-384.4964	40.8242	-420.3174	-599.0508
430	AASHTO-B-S	-1.3888	-34.8231	-24.0180	-158.8458	-157.5640	6.8304	-156.7774	-232.4351
431	AASHTO-I	10.7026	-51.9799	-15.5951	-277.7770	-215.9602	30.3935	-61.2436	-326.0724
431	AASHTO-B-S	3.3542	-17.8059	-6.0361	-112.7373	-89.5486	9.1067	-22.4708	-130.8555
432	AASHTO-I	5.1254	-31.7903	-6.7898	-213.6440	-125.6302	16.5552	-40.0982	-226.4615
432	AASHTO-B-S	1.5462	-10.6205	-2.7718	-87.3191	-55.5891	4.9039	-14.7100	-92.6578
433	AASHTO-I	3.9039	-21.0467	-4.3581	-171.8605	-97.1227	10.5531	-32.4547	-162.1861
433	AASHTO-B-S	1.1498	-6.8870	-1.8581	-70.7763	-27.8123	1.8858	-11.8056	-47.0053
434	AASHTO-I	4.0670	-13.7101	-2.9315	-143.9656	-11.2241	8.4467	-26.5483	-105.9651
434	AASHTO-B-S	1.1975	-4.3994	-1.3627	-58.5353	-7.2252	1.3753	-11.2868	-44.7391
435	AASHTO-VB-B	-26.7542	28.3603	-13.2631	-367.5013	-248.4662	-22.1066	-362.6327	9.1825
435	AASHTO-B-S	1.3558	16.7010	-4.6952	-119.1116	-167.1737	-2.9157	-175.4476	23.7994
436	AASHTO-VB-B	-15.0164	10.0881	-19.9853	-309.0181	-248.0029	-38.7365	-325.5137	-110.6788
436	AASHTO-B-S	-1.8365	7.5469	-4.5797	-110.0757	-169.8057	6.6253	-161.7913	-39.1825
437	AASHTO-B	-13.3017	6.8412	-23.5791	-227.1830	-321.0249	38.2639	-298.8765	-203.9917
437	AASHTO-B-S	-5.5983	5.0522	-7.8178	-89.2956	-142.8146	21.1926	-118.8777	-89.9958
438	AASHTO-B	-9.7556	-23.3677	-27.8060	-204.7320	-230.0762	54.5936	-178.1002	-260.1194
438	AASHTO-B-S	-4.0403	-7.2598	-10.2704	-80.1477	-99.0928	19.8695	-68.4843	-107.1219
439	AASHTO-I	0.4310	-22.6803	-16.8065	-167.5416	-130.9626	41.8298	-102.3601	-213.4394
439	AASHTO-B-S	-0.2990	-7.2334	-6.1602	-69.9583	-59.3185	13.9901	-50.9020	-88.4986
440	AASHTO-I	0.9595	-16.6863	-11.0569	-137.5898	-98.1575	28.5124	-86.8156	-163.6490
440	AASHTO-B-S	0.0223	-5.3764	-4.1377	-57.2712	-37.4284	9.5008	-35.8006	-68.7758
441	AASHTO-I	2.5194	-12.5858	-8.1817	-117.8699	-4.8979	23.3075	-62.0278	-195.7079
441	AASHTO-B-S	0.5321	-3.8790	-3.0114	-48.9648	-6.3875	7.0791	-34.7152	-45.7314
442	AASHTO-VB-B	-16.8397	14.6422	-4.3629	-197.7967	-214.8792	-7.5902	-302.1940	31.8053
442	AASHTO-B-S	1.6254	6.0071	-1.8206	-57.3231	-141.7900	1.8717	-138.8586	29.2149
443	AASHTO-VB-B	-11.2368	10.8331	-10.8454	-173.8994	-224.8942	-10.5843	-235.3979	-58.4923
443	AASHTO-B-S	-0.4447	5.8660	-1.7151	-56.8218	-147.2900	12.8095	-113.1954	-14.6815

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
444	AASHTO-VB-B	-7.8005	5.4761	-13.3633	-138.4431	-199.8394	-9.5175	-165.9552	-123.1129
444	AASHTO-B-S	-3.0756	2.2454	-2.9954	-55.4486	-129.4081	20.3454	-88.8290	-82.4728
445	AASHTO-I	-8.2114	-5.4090	-13.3458	-117.7847	-222.6552	57.9171	-161.5576	-172.5858
445	AASHTO-B-S	-3.5040	0.0399	-4.8098	-51.8468	-97.0854	21.8276	-84.4867	-73.8882
446	AASHTO-I	-4.3716	-13.2182	-16.2924	-103.9221	-132.7369	50.2799	-123.8903	-194.5874
446	AASHTO-B-S	-1.9917	-3.6305	-5.8778	-44.0070	-60.2694	17.9137	-46.0237	-62.2197
447	AASHTO-I	-2.1627	-15.1468	-16.0319	-74.0698	-44.8278	45.8596	-137.1116	-196.4615
447	AASHTO-B-S	-1.0808	-4.4718	-5.7030	-31.4671	-23.3177	14.8436	-56.1555	-63.4549
448	AASHTO-I	-0.1879	-7.2995	-11.7246	-63.8432	1.5372	33.5448	-152.4481	-118.3969
448	AASHTO-B-S	-0.5749	-2.0570	-4.1913	-26.7340	-0.4178	10.5196	-65.0419	-50.7921
449	AASHTO-VB-B	-9.1731	12.8318	-2.6767	-74.9542	-199.8789	-2.1412	-206.4056	77.4404
449	AASHTO-I	1.2540	7.9305	-5.5936	-11.3867	-195.0069	-1.3696	-123.3616	69.2771
450	AASHTO-VB-B	-8.1302	9.4731	-8.1478	-81.3035	-209.8160	-2.8714	-181.1086	-18.8331
450	AASHTO-B-S	-0.2593	2.8039	-0.4046	-20.7585	-131.8009	9.5962	-75.2783	-0.2646
451	AASHTO-VB-B	-5.9133	6.3303	-6.7703	-72.9589	-184.2875	0.4187	-123.7465	-79.2010
451	AASHTO-B-S	-1.5950	1.9404	-1.0066	-24.7043	-119.4785	16.5090	-62.7148	-30.0038
452	AASHTO-VB-B	-4.0462	1.3969	-10.4668	-54.7751	-142.8291	2.1861	-87.8969	-115.4810
452	AASHTO-B-S	-2.1159	-0.0397	-2.3110	-24.5874	-85.0099	19.8465	-49.4138	-56.4729
453	AASHTO-I	-2.8861	-8.1605	-9.3520	-45.8163	-129.2487	49.5126	-97.8959	-175.7267
453	AASHTO-B-S	-1.4858	-2.0030	-3.3841	-19.6840	-80.0838	18.7728	-39.5779	-74.5466
454	AASHTO-I	1.2949	-18.9325	-12.1620	-28.8667	-29.4424	47.8187	-94.8854	-231.8271
454	AASHTO-VB-D	0.5145	-4.4633	-11.3505	-7.0702	-19.8821	-8.1961	-47.8621	-145.8709
455	AASHTO-B-S	-1.3922	-7.9796	-7.7240	15.7719	44.3474	29.6006	-129.5956	-159.3914
455	AASHTO-B	-3.8365	-27.9237	-25.5253	37.3067	134.5074	81.8893	-269.7308	-366.8533
456	AASHTO-VB-D	-6.6154	12.9979	0.4330	-14.3873	-145.0099	-18.8983	-71.7640	66.9662
456	AASHTO-I	0.2086	7.1030	1.4509	19.6527	-261.3105	-34.2486	-79.5915	88.8392
457	AASHTO-VB-B	-4.7605	10.4558	-2.8990	-26.3671	-167.0459	-7.9645	-93.5802	-9.3309
457	AASHTO-I-S	-0.3804	2.1876	-0.5998	0.9583	-171.5865	-1.6662	-62.9177	6.8893
458	AASHTO-VB-B	-3.5219	7.4769	-5.3606	-29.0956	-170.3576	0.7915	-76.8641	-53.4275
458	AASHTO-I-S	-1.2256	-0.1484	-0.5196	-6.1625	-156.7188	14.1387	-58.9402	-35.2367
459	AASHTO-VB-B	-2.8128	4.5269	-7.0671	-23.0628	-135.1450	5.8126	-59.2474	-91.2320
459	AASHTO-B-S	-1.0519	-0.1242	-0.6514	-7.5426	-87.6712	16.3435	-30.8748	-44.7481
460	AASHTO-VB-B	-1.5154	1.4539	-8.1088	-10.1276	-88.8859	7.8291	-36.4614	-121.9898
460	AASHTO-B-S	-0.7305	-1.8140	-1.3931	-4.4793	-58.7774	18.2493	-20.3123	-64.2414

RESULT ENVELOPE :Plate Forces on Center @ Moment Mxx (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
461	AASHTO-B-S	0.0006	-3.5829	-1.3714	2.9202	-20.9528	17.0458	-7.5682	-88.7849
461	AASHTO-VS-B	-1.7990	-1.7977	-7.9118	8.9155	-24.1505	6.3096	-10.3123	-161.3061
462	AASHTO-B-S	0.8176	-7.1163	0.9298	18.9211	41.2942	2.7134	86.4758	-151.4947
462	AASHTO-VS-B	9.3154	-7.4616	-8.5199	46.9181	78.3280	-16.1719	170.1561	-270.9873
463	AASHTO-VS-D	-8.5224	12.7346	2.1719	-3.5125	-126.5809	-18.5021	-12.5346	31.7544
463	AASHTO-I	2.4393	-1.8015	2.7614	5.4052	-219.1369	-31.5049	-10.2947	46.0051
464	AASHTO-VS-D	-2.5416	11.7120	-0.6877	-8.0385	-137.1343	-11.7478	-36.1908	-3.0999
464	AASHTO-I	-5.1379	-1.4651	2.4362	7.4791	-235.9189	-8.2841	-40.2329	3.7503
465	AASHTO-VS-D	-1.9116	9.6039	-2.9032	-7.2537	-127.9466	-4.1967	-36.5282	-57.4035
465	AASHTO-I	-5.7233	-2.0997	1.8263	2.7369	-226.9040	12.7615	-41.9021	-40.7188
466	AASHTO-VS-B	-1.3526	7.1205	-4.2125	-5.5419	-127.3414	5.1837	-29.6297	-74.2969
466	AASHTO-I-S	-0.5117	-2.2436	0.4400	0.7665	-115.6736	16.9764	-21.0120	-52.0835
467	AASHTO-VS-D	-1.1429	4.9382	-5.2069	-6.3088	-65.9073	4.3940	-8.7667	-95.0664
467	AASHTO-IB	-5.5734	-5.5016	-1.1778	2.8754	-110.3408	29.1730	-11.8748	-111.4631
468	AASHTO-B-S	-0.5996	-1.2540	-0.1516	5.3596	-26.9032	14.6376	14.4079	-58.6863
468	AASHTO-IB	-1.5841	-5.1040	-0.6135	14.6846	-49.6040	27.2119	34.7163	-131.8188
469	AASHTO-B-S	0.0143	-0.1120	-0.8465	1.9695	-5.3360	13.0523	26.6802	-52.8763
469	AASHTO-VS-B	2.9839	0.3778	-0.0731	9.4456	6.8743	6.8746	55.8181	-84.8080
470	AASHTO-VS-D	0.0070	13.2368	0.6889	-1.1730	-123.2224	-6.4947	-4.7681	-4.0314
470	AASHTO-I	0.5263	-6.1488	0.5242	0.6512	-226.8596	-11.8282	-5.1341	5.4813
471	AASHTO-VS-D	-0.4299	14.0947	0.2289	-0.8262	-130.0481	-6.1522	-8.5215	-18.8691
471	AASHTO-I	0.2341	-6.1012	1.4868	1.3614	-221.7186	-5.2983	-7.4573	-8.6458
472	AASHTO-VS-D	-0.4909	13.2184	-0.8417	-1.1374	-122.5893	-2.6525	-8.7842	-41.0943
472	AASHTO-I	-0.2189	-5.8094	1.3333	1.0911	-211.7914	4.2480	-9.3779	-32.2501
473	AASHTO-VS-D	-0.3204	10.8928	-1.5736	-0.8374	-99.7023	0.1443	-6.9269	-60.7540
473	AASHTO-I	-0.0800	-2.1952	1.0004	0.9105	-176.7320	11.5835	-6.3703	-93.8229
474	AASHTO-VS-B-S	-0.2809	5.8108	-1.6767	0.7098	-83.9992	5.2310	-0.0778	-91.2906
474	AASHTO-I	-0.4030	-1.0323	0.6973	2.3701	-134.0139	16.3541	1.9651	-95.7956
475	AASHTO-B-S	-0.1339	0.3644	-0.2748	0.7725	-51.3836	7.9659	4.2184	-27.3410
475	AASHTO-IB	-0.3548	0.6271	-1.0392	2.4618	-57.5477	16.2915	10.5917	-60.2844
476	AASHTO-I	-0.0367	-1.8373	-0.8076	-0.1407	-14.8397	14.8391	13.2180	-53.4043
476	AASHTO-VS-D	0.6169	-0.7635	-1.7662	1.2853	2.5839	0.6058	12.4061	-47.1968

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m) Result Cases

AASHTO-I	AASHTO-B	AASHTO-IB
AASHTO-VS-A	AASHTO-VS-B	AASHTO-VS-C
AASHTO-VS-D	AASHTO-A-S	AASHTO-B-S
AASHTO-IB-S	AASHTO-VS-A-S	AASHTO-VS-B-S

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
1	AASHTO-VS-D	0.4271	0.3513	-0.5557	-1.7276	-1.6892	1.3699	0.5214	0.2407
1	AASHTO-B	0.0392	0.0405	-0.0594	-0.0064	0.5265	-0.3475	0.2186	-1.5477
2	AASHTO-VS-D	-0.1868	1.6900	-0.8210	-2.8162	-6.0596	4.8542	4.6735	-5.9562
2	AASHTO-B	-0.0292	0.1657	-0.0592	-0.3464	2.4534	-0.1422	-0.4611	-3.4707
3	AASHTO-VS-D	-0.6548	2.1188	0.1452	-2.2228	-10.1676	6.5869	6.3057	-18.2920
3	AASHTO-B	-0.0603	0.1502	0.0410	-0.4991	3.5296	1.0697	-1.1953	-4.0042
4	AASHTO-VS-D	1.6656	-0.2105	-0.5479	-6.8551	-2.4648	5.0745	-4.3929	3.7572
4	AASHTO-I-S	0.8380	-0.1093	-0.4181	0.1917	0.1754	0.3467	-1.7857	-1.0283
5	AASHTO-VS-D	-0.4409	-0.8698	-2.0046	-9.7464	-9.2154	10.5501	9.8977	7.1464
5	AASHTO-B	-0.1560	-0.0857	-0.1503	-0.4670	1.0730	-1.2202	-2.4460	-4.3140
6	AASHTO-VS-D	-3.2779	1.0360	0.1218	-9.9323	-12.8452	14.0245	16.4806	-5.2468
6	AASHTO-B	-0.2979	0.1711	0.0896	-1.2314	5.8033	1.1853	-6.1028	-0.4485
7	AASHTO-VS-B	1.7499	-0.2718	0.0283	-12.3802	-2.1863	7.0582	-13.7779	4.7475
7	AASHTO-I-S	1.0230	-0.3654	0.1358	0.3122	0.5501	0.1425	-5.7426	-1.8798
8	AASHTO-VS-B	2.8582	-1.3879	0.0111	-13.3190	-6.1384	14.5995	1.0181	12.3159
8	AASHTO-IB	1.1285	-2.9859	0.0446	-5.4553	3.5874	5.3917	-4.0141	-4.3508
9	AASHTO-VS-B	-9.0853	-2.2283	-4.8184	-27.1418	-23.8213	8.8808	34.4641	27.1055
9	AASHTO-IB	-2.7937	-6.8488	-5.2982	-7.1736	12.5834	13.3218	6.8829	-8.2804
10	AASHTO-VS-B	1.7955	-0.0999	0.4039	-15.8664	-1.8421	8.3114	-24.2577	3.8960
10	AASHTO-IB	0.6189	-0.5184	1.3751	-2.4844	0.7316	0.9996	-4.5180	-1.7561
11	AASHTO-VS-B	0.2927	-0.1883	0.9365	-17.7267	-8.9076	17.3893	-8.7624	10.5699
11	AASHTO-IB	-0.1156	-2.8535	5.8716	-3.9900	4.7184	0.4052	-0.0107	-5.7675
12	AASHTO-VS-B	11.5575	-1.4057	-2.7607	-6.4946	-20.4445	21.0131	-21.7096	25.8678
12	AASHTO-IB	-0.2119	-8.0179	5.8169	2.8430	14.5386	-11.0117	-4.8345	-8.2144
13	AASHTO-VS-D	0.6970	0.0832	0.5417	-14.8898	-1.0705	8.1575	-52.1019	2.3067

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
13	AASHTO-I	-2.1058	-0.0325	1.5031	-4.4006	0.3627	0.5074	3.5817	-1.5827
14	AASHTO-V8-D	2.4328	0.4040	0.3429	-13.8160	-4.4289	16.6249	-19.0080	5.5936
14	AASHTO-I	-5.0884	0.2675	5.9164	-3.8867	2.2014	1.6588	8.4696	-4.5810
15	AASHTO-V8-D	5.8023	-1.4390	2.2356	-7.3620	-8.6910	23.0337	-15.4020	-3.7819
15	AASHTO-II	-0.0800	0.2153	0.4953	-7.0048	7.0507	6.7237	14.7295	0.5667
16	AASHTO-V8-D	9.2387	0.1015	0.2342	-12.5615	-0.8481	8.9168	-36.4072	0.5049
16	AASHTO-II	-0.4252	0.0338	0.1188	-10.1024	0.8106	2.3255	-0.9887	-1.0080
17	AASHTO-V8-C	-2.1324	1.3283	2.9609	2.9069	-2.4505	3.4137	-8.5960	-1.2439
17	AASHTO-II	-0.3377	0.1270	0.2647	-10.5798	2.8851	4.4419	4.2691	-1.0522
18	AASHTO-V8-D	7.7292	-0.6402	3.1953	-8.2301	-4.2809	26.1333	-10.8954	-2.8465
18	AASHTO-II	-0.3046	0.2892	0.4016	-11.7146	4.6029	4.8663	7.5292	1.5246
19	AASHTO-V8-C	-4.5902	0.3159	0.3739	3.7661	-0.5431	3.3728	-11.0022	0.0209
19	AASHTO-II	-0.3673	0.0320	0.0506	-12.1812	0.8317	1.2224	-2.1160	-0.7491
20	AASHTO-V8-C	-2.7962	1.2985	1.0202	3.3691	-1.4580	5.3095	-6.1677	-1.3324
20	AASHTO-II	-0.4815	0.1325	0.1611	-12.4515	2.5405	2.4677	5.5179	-0.2787
21	AASHTO-V8-C	-1.3997	2.6969	1.6500	5.2429	-1.7388	7.3061	-4.3602	-4.3238
21	AASHTO-II	-0.4815	0.2816	0.2964	-13.9422	4.1070	2.9045	1.6874	3.2769
22	AASHTO-II	-7.0608	0.5169	-0.3685	3.5360	-0.2890	2.2950	-9.4101	0.0298
22	AASHTO-V8-B	-0.5682	0.1004	0.2103	-10.9651	1.1437	8.3581	-59.7952	-1.1031
23	AASHTO-III-S	-3.6925	1.5502	-0.5350	1.5108	-0.6045	3.8212	-3.2875	-0.6379
23	AASHTO-V8-B	-0.9599	0.2516	1.2366	-11.9014	4.3554	18.5048	-22.6787	-0.1454
24	AASHTO-III-S	-2.8383	3.2929	-0.4011	1.7220	-0.5900	5.2523	-1.2797	-2.1139
24	AASHTO-V8-B	-1.2851	0.4717	3.0489	-14.9232	6.6026	25.6147	-15.5081	4.5065
25	AASHTO-II-S	-3.7418	0.2906	-0.9998	-0.3898	-0.0898	0.3862	-2.2799	-0.4175
25	AASHTO-V8-B	-0.9534	-0.0473	0.0514	-4.1443	1.8598	5.8714	-39.8867	-2.7763
26	AASHTO-II-S	-2.8870	1.4713	-1.8046	-0.4342	-0.2987	0.5032	-1.3427	-0.8287
26	AASHTO-V8-B	-2.2920	0.5409	0.7664	-6.6369	8.0496	13.7142	-28.9435	-2.1254
27	AASHTO-II-S	-2.3453	2.4638	-2.0645	-0.6975	0.0398	0.5730	-1.1678	-1.2338
27	AASHTO-V8-B	-3.4074	1.1112	2.7911	-12.0586	13.2405	21.1229	-28.1995	6.1732
28	AASHTO-II-S	-0.2498	-0.0071	-0.0828	-3.3911	0.2350	-1.5302	-3.3243	-1.1793
28	AASHTO-V8-B	-1.2398	-0.0865	0.3022	5.9594	1.4672	3.8658	-35.3966	-4.6709
29	AASHTO-II-S	-2.4333	0.2391	-3.3369	0.5669	1.2536	1.5496	-3.9639	-2.2784
29	AASHTO-V8-B	-2.0968	-0.3518	-0.2796	3.5879	5.7696	6.6992	-35.4758	-14.0746
30	AASHTO-II-S	-2.1870	3.0737	-3.2054	0.1781	-0.1618	0.9676	-3.2421	-1.9802

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
30	AASHTO-V8-E	-6.4358	2.0241	1.8125	-4.1764	23.8606	12.7292	-44.9867	5.3650
31	AASHTO-II	-0.1830	-0.0270	-0.0719	0.3347	-0.3373	-1.2291	-0.8393	-1.6071
31	AASHTO-V8-C	-0.3596	-0.3123	-0.7794	5.9269	1.1457	2.8815	-8.6860	-3.5451
32	AASHTO-II	-0.1584	-0.1623	-0.2274	2.3645	-0.9900	-4.3602	-4.3327	-0.9979
32	AASHTO-III	-0.4096	-2.4753	-3.5987	3.7867	8.3928	9.0427	-5.2254	-11.3089
33	AASHTO-II-S	-1.0369	-0.3032	-0.8011	4.9538	0.7200	-8.7656	-32.2599	-20.3522
33	AASHTO-III	-3.9387	-7.2537	-10.5770	1.9632	21.4570	11.1396	-17.9427	-28.1219
34	AASHTO-II	-0.0981	-0.0172	-0.0228	2.4609	-0.3498	0.3702	-2.2453	-1.8769
34	AASHTO-V8-D	-1.5554	0.2015	0.0002	14.8918	1.3796	6.7906	-15.6308	-0.9403
35	AASHTO-II	-0.2543	-0.0606	-0.0539	4.6084	-1.0601	2.0883	-2.4102	-7.0403
35	AASHTO-III	0.1801	-2.4716	-0.1091	2.9650	6.8855	1.8795	2.9584	-12.3349
36	AASHTO-II-S	0.4409	-0.3010	-0.1636	5.7061	0.4023	5.9898	25.1612	-20.1910
36	AASHTO-V8-D	8.6629	1.2007	-4.1509	55.7951	22.0818	20.2822	83.5043	-66.8867
37	AASHTO-I	0.9448	-0.1292	0.4709	0.3716	0.1144	-0.1335	1.2474	-1.3427
37	AASHTO-V8-B	-1.5349	0.1869	-0.4698	8.8069	2.8570	6.8039	-5.8706	-6.1586
38	AASHTO-II-S	-0.6080	-0.1870	1.0242	1.1383	0.7713	-1.2987	3.1685	-2.5302
38	AASHTO-V8-B	0.2944	0.8139	-1.8342	10.3002	12.4169	14.2329	15.8198	-16.0460
39	AASHTO-II-S	-0.7413	1.8310	-0.1842	0.4351	-1.2777	-0.9805	3.9990	-0.8316
39	AASHTO-V8-B	3.0703	-8.7560	0.3184	8.8621	24.9191	13.7699	32.3124	5.3072
40	AASHTO-II-S	0.1589	0.2198	0.2845	0.0782	-0.1770	-0.1524	0.9185	-0.1497
40	AASHTO-V8-B	-0.3950	-0.9084	-0.5019	1.9755	2.8892	2.1990	0.2681	-3.0626
41	AASHTO-II-S	-0.1425	0.8314	0.1967	0.1312	-0.5645	-0.1495	0.9420	-0.2209
41	AASHTO-V8-B	0.1541	-1.5345	-0.7957	3.3462	11.3375	5.7535	6.2077	0.5359
42	AASHTO-II-E	-0.1439	0.8971	-0.1303	-0.2648	-0.8125	-0.3219	0.7276	-0.1826
42	AASHTO-V8-B	0.6125	-2.2128	0.0998	1.5968	17.9195	5.5179	9.3790	13.6126
43	AASHTO-V8-D	-0.6565	0.5629	1.5714	-1.6084	-6.4690	7.0315	5.2617	-31.7404
43	AASHTO-II	-0.0544	-0.0095	0.1639	-0.2334	2.4481	2.5589	-1.7809	-2.7124
44	AASHTO-I	0.0672	-0.2388	0.3556	-0.6887	-7.8062	3.8502	-0.0650	-1.2868
44	AASHTO-V8-C	0.0130	-0.7546	0.9834	-0.8754	-0.3211	1.9808	1.8125	-17.1574
45	AASHTO-I	0.0214	-0.5326	0.1778	-0.7228	-14.0206	4.8731	0.8185	-3.6148
45	AASHTO-V8-C	0.1085	-2.1171	0.7350	-0.5896	4.4475	2.9610	0.2405	-20.8832
46	AASHTO-I	-0.0868	-1.1311	0.3178	-0.6923	-20.1415	5.6596	0.9536	-7.4503
46	AASHTO-V8-D	0.2647	-11.8951	2.0878	1.0673	12.4222	7.3346	-3.9173	-40.6149
47	AASHTO-I	0.0841	-1.8433	0.2882	-0.2959	-25.5695	6.1015	0.5665	-11.4140

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
47	AASHTO-VB-D	0.4323	-15.0630	1.4735	1.8393	18.2368	6.8771	-5.8112	-33.1553
48	AASHTO-I	-0.3421	-2.3809	0.1816	0.5824	-29.6914	5.7345	-1.2550	-14.0236
48	AASHTO-VB-D	0.5180	-16.9609	0.3968	2.1336	20.8578	5.8441	-6.4773	-23.0808
49	AASHTO-I	-0.0069	-2.7009	0.3353	0.6160	-32.8071	4.9617	-3.0240	-11.7726
49	AASHTO-VB-D	0.2030	-16.9604	-0.3721	1.9576	21.0081	4.8739	-6.7364	-13.2061
50	AASHTO-VB-D	-3.2588	-0.4394	4.4756	-7.5175	-11.8232	15.0981	16.7889	-20.7269
50	AASHTO-E	-0.2466	-0.0875	0.4264	0.1395	3.1072	5.5312	-8.3111	3.8867
51	AASHTO-E	0.2679	2.8031	0.7613	-4.4036	-6.2612	9.5896	3.6323	-12.2520
51	AASHTO-E	-0.1149	-0.1833	0.5600	1.3176	0.1501	6.1090	-5.7454	10.7490
52	AASHTO-I	-0.5134	1.5613	1.0316	-2.4565	-15.9791	10.0737	1.0491	6.3041
52	AASHTO-VB-D	0.7020	-5.6960	0.9447	1.3739	5.3126	15.8343	-4.5837	-31.8883
53	AASHTO-I	-0.1851	0.3469	1.4234	-2.8358	-19.0028	12.1117	2.1144	3.8446
53	AASHTO-VB-D	0.8058	-7.9985	5.2510	5.0773	13.6429	16.8079	-11.1754	-28.4213
54	AASHTO-I	0.2235	-1.1206	1.4312	-1.6169	-25.0596	13.8238	2.8335	-0.4067
54	AASHTO-VB-D	1.6230	-10.4792	4.1271	8.4918	19.5733	15.1883	-16.7001	-21.6782
55	AASHTO-I	0.4418	-2.8059	0.9840	1.6394	-29.7515	13.9717	0.5706	-7.0134
55	AASHTO-VB-D	2.7169	-12.7775	2.1590	10.8914	21.7750	13.2150	-19.7364	-11.1944
56	AASHTO-I	-0.2466	-3.3334	0.1721	5.2368	-31.7107	12.3696	-11.4621	-15.9725
56	AASHTO-VB-D	1.4215	-14.1713	-1.1910	9.3413	19.8236	8.9480	-16.5788	1.2533
57	AASHTO-B	-2.1252	13.5952	-2.3757	-10.7708	-26.6324	19.9535	16.4734	-25.0429
57	AASHTO-E	-0.7117	0.7812	0.4859	4.5934	20.7930	0.9586	-26.2018	40.7564
58	AASHTO-B	-1.9524	7.9501	2.7647	-2.1994	-11.1877	10.0617	-0.7821	-17.3142
58	AASHTO-E	-0.2702	0.3239	0.7688	0.7041	3.0497	6.0163	-0.5239	20.4733
59	AASHTO-I	-1.0924	5.9302	2.7262	-5.4709	-11.8421	10.7546	0.6333	10.2902
59	AASHTO-VB-D	0.3769	-3.1134	1.3668	3.7503	7.1661	22.3771	-8.5662	-30.2787
60	AASHTO-I	-0.4483	1.9622	3.1210	-7.2184	-16.4913	14.6632	2.2986	8.8158
60	AASHTO-VB-D	1.4339	-4.8563	7.4349	12.8412	15.1131	22.6139	-17.6526	-30.2835
61	AASHTO-I	0.2528	0.0308	3.3770	-6.3490	-23.8608	19.0457	5.7344	5.8434
61	AASHTO-VB-D	3.1554	-6.8579	9.7387	21.2141	20.6764	21.8333	-27.7983	-23.9705
62	AASHTO-I	1.0405	-2.5635	3.3204	-1.1414	-29.5400	21.9270	10.2887	-3.2177
62	AASHTO-VB-D	5.2321	-9.4774	4.6259	28.2188	22.6518	15.8984	-36.1677	-11.5213
63	AASHTO-I	1.7782	-6.3401	1.8869	9.3849	-31.4677	20.8089	7.7874	-28.3019
63	AASHTO-VB-D	7.5722	-11.9051	0.8448	31.8192	18.3762	12.7675	-36.3070	7.9084
64	AASHTO-B	0.5607	14.9791	13.0157	-0.4328	-24.7158	-3.2300	-11.2720	-25.3675

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
64	AASHTO-B	0.3008	0.9680	1.5425	8.0061	22.1864	13.2784	36.5250	42.7985
65	AASHTO-B	-2.7471	9.6335	7.2771	-2.0290	-8.1690	5.5271	-10.3541	-19.5847
65	AASHTO-E	-0.5469	0.6625	1.0509	-2.6058	4.8428	7.8357	8.5843	22.4828
66	AASHTO-I	-1.4130	5.3192	4.5751	-9.4980	-7.8471	8.6429	-0.9501	10.8692
66	AASHTO-VB-D	0.5044	-0.3447	8.4139	7.3816	9.2372	30.4395	-10.2509	-35.3304
67	AASHTO-I	-0.8173	3.8570	4.8749	-13.3930	-10.8756	14.3916	-0.1192	12.1019
67	AASHTO-VB-C	0.4358	2.3145	5.9608	6.1585	18.3492	10.6483	-19.6873	-19.6493
68	AASHTO-I	-0.2930	1.3671	5.5281	-15.2236	-16.7686	22.1996	6.1721	14.5204
68	AASHTO-VB-C	1.4913	0.1639	5.3054	9.8751	24.0343	15.4853	-24.8325	-71.8659
69	AASHTO-I	0.6399	-0.4954	6.6552	-12.3042	-26.5224	29.9992	21.9576	10.1740
69	AASHTO-VB-D	8.8478	-6.1142	7.5825	55.6196	23.9283	27.0578	-55.7645	-20.3235
70	AASHTO-I	2.0135	-5.2191	5.4958	-2.4662	-34.4888	32.8974	52.8104	-13.9481
70	AASHTO-VB-D	11.8890	-8.8731	3.0060	85.7107	18.4748	17.8799	-64.8211	4.2356
71	AASHTO-VB-D	5.8144	-1.8546	7.1031	-2.8680	-8.8713	32.1182	-11.4029	-13.0528
71	AASHTO-E	-0.5804	0.1968	0.8428	-6.2811	5.3150	5.4411	17.8403	8.4651
72	AASHTO-I	-1.2859	6.5815	5.8851	-8.5295	-1.4297	1.9320	3.8475	8.7750
72	AASHTO-E	-0.3079	0.6817	1.1245	-6.9847	3.2419	7.0695	14.0997	19.1461
73	AASHTO-I	-1.5175	6.7603	5.9471	-13.0536	-3.0925	5.2101	-3.3611	8.0014
73	AASHTO-VB-C	-0.4156	5.5725	7.3394	7.4918	12.2426	7.8967	-16.7167	-27.5558
74	AASHTO-E	-0.8064	1.0626	1.3180	-11.9503	-7.8648	10.9187	7.8786	15.8694
74	AASHTO-VB-C	0.3210	4.0059	7.3057	12.5186	24.5983	11.7139	-26.8012	-27.0522
75	AASHTO-E	-0.6264	1.4188	1.9174	-11.5512	-12.9685	14.4345	10.5980	9.2207
75	AASHTO-VB-C	1.8330	3.1752	7.9587	18.6929	33.0574	18.2718	-39.1620	-16.4305
76	AASHTO-I	-1.5783	3.7545	9.3886	-31.8204	-18.8851	33.7356	20.8047	37.8190
76	AASHTO-VB-C	2.4718	0.3546	8.9165	26.7682	31.2646	25.1263	-42.2839	5.6197
77	AASHTO-I	-0.5150	1.8700	12.3845	-29.7202	-41.1548	40.3440	74.0769	41.5842
77	AASHTO-VB-D	20.5309	-6.5207	5.1273	121.3266	18.0301	24.0905	-86.1301	-1.9620
78	AASHTO-VB-D	2.6482	-0.2954	0.7647	-5.5376	-2.3943	32.6617	-4.9096	-8.0060
78	AASHTO-E	-0.3421	0.4044	0.6322	-12.5428	4.4634	4.4317	9.2052	6.1790
79	AASHTO-I	-2.3129	6.5072	3.6815	-11.8884	0.0230	0.9472	1.3699	4.4157
79	AASHTO-VB-C	-0.8197	5.4269	5.4023	8.1962	5.8704	9.2236	-8.1945	-19.1542
80	AASHTO-E	-0.6875	0.9011	0.9196	-15.9614	-1.8990	6.5973	7.6450	12.2241
80	AASHTO-VB-C	-1.3072	7.7064	6.9605	11.8407	13.4802	5.4221	-10.8907	-29.4297
81	AASHTO-E	-0.9961	1.2013	0.9034	-18.4194	-5.3083	9.8272	6.1830	11.8622

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
91	AASHTO-VB-C	-0.1223	8.9930	9.2340	20.0784	30.6507	12.5683	-28.7176	-42.8180
92	AASHTO-E	-1.3855	1.9184	1.1428	-19.4000	-8.7305	14.1563	6.5648	14.7018
92	AASHTO-VB-C	0.2468	3.9125	5.2121	34.3258	45.9465	21.6981	-63.5900	-26.8649
93	AASHTO-E	-0.7602	3.5832	2.3898	-19.9715	-16.9544	17.2822	15.0709	22.0316
93	AASHTO-VB-C	0.8281	5.4913	10.6302	92.7456	43.1512	31.1718	-62.7809	16.5054
94	AASHTO-I	-3.9235	9.8223	15.4744	-62.6110	-46.4678	42.1457	58.4067	125.4643
94	AASHTO-VB-C	6.0688	0.3756	12.7467	57.9430	18.4638	31.7325	-57.3117	74.8000
95	AASHTO-IE	-3.0608	6.4166	2.1579	1.7027	-0.4907	7.1065	-1.3746	-6.4775
95	AASHTO-E	-0.5130	0.4411	0.4495	-15.5295	3.7296	3.1916	2.7795	5.8789
96	AASHTO-I	-3.0956	7.5853	1.3889	-12.5182	0.1754	0.2281	0.2699	2.1290
96	AASHTO-VB-C	-1.9423	6.4806	3.2412	9.7183	3.8858	10.2496	-1.2067	-15.9982
97	AASHTO-E	-0.7619	0.8785	0.6354	-19.9868	-2.0305	4.2851	3.8210	12.6877
97	AASHTO-VB-C	-2.8203	8.4769	3.9620	14.5878	11.5521	10.8186	-0.1572	-26.5795
98	AASHTO-E	-0.8290	1.1365	0.9659	-24.7196	-6.2482	6.4788	4.2147	14.5188
98	AASHTO-VB-C	-3.7360	14.5078	5.8810	19.8344	25.6705	10.9659	-2.9997	-46.3654
99	AASHTO-E	-1.7813	1.4523	0.3072	-23.6402	-7.2436	11.4602	-6.0188	15.1274
99	AASHTO-IE	-6.2534	36.0516	17.9070	45.5747	60.8894	22.1203	-136.5822	-119.7852
92	AASHTO-S	-2.1979	4.3643	-0.9675	-0.5465	0.2870	0.3278	0.3526	-3.1737
92	AASHTO-VB-B	-1.2741	0.5269	5.1114	-18.1215	5.8092	32.0325	-8.7251	11.3501
93	AASHTO-I	-3.0969	7.5853	-1.3889	-12.5182	0.1754	-0.2281	-0.2699	2.1290
93	AASHTO-VB-C	-2.2221	6.4981	0.8019	8.0480	3.7857	12.3308	3.8794	-11.0703
94	AASHTO-VB-B	-0.3859	0.1806	7.3546	-26.5369	-8.2400	39.8259	12.7892	30.0823
94	AASHTO-VB-C	-2.5193	9.3359	0.4565	10.6962	8.6157	13.9194	9.6911	-18.0523
95	AASHTO-VB-B	-2.1455	-0.0547	7.7438	-31.7064	-23.5059	45.3290	15.8867	46.3869
95	AASHTO-IE	-7.0705	21.2156	-4.1070	9.7513	17.2682	14.7484	15.1716	-34.8595
96	AASHTO-VB-B	8.9835	-1.8710	5.3570	-145.9254	-43.8446	107.2235	-50.2817	68.3845
96	AASHTO-IE	1.8254	35.5942	-19.9798	-3.2562	47.4082	26.3144	116.3688	-100.1457
99	AASHTO-S	-1.8141	4.2263	-2.4787	-1.0584	0.3018	0.8709	0.7325	-2.3617
99	AASHTO-VB-B	-0.3725	1.1179	5.3537	-16.8815	11.9070	28.0612	-22.3221	20.7133
100	AASHTO-I	-2.3129	6.5072	-3.6915	-11.8884	0.0230	-0.0472	-1.3699	4.4157
100	AASHTO-VB-C	-1.7068	5.5481	-0.6942	4.3825	5.9104	13.5337	5.5180	-5.2418
101	AASHTO-VB-B	-1.2143	-0.2458	7.8240	-21.3217	-15.3847	35.3823	-0.8671	53.8408
101	AASHTO-VB-C	-1.8744	7.2430	-2.1603	3.9189	6.5421	15.2435	12.4489	-7.2241
102	AASHTO-VB-B	0.2478	-0.3414	7.3255	-59.1445	-40.7708	46.3678	-16.0929	76.8218

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
102	AASHTO-IE	0.4847	12.7029	-9.4262	-8.4651	13.7989	13.2682	32.7573	-10.5822
103	AASHTO-VB-B	-2.3868	-2.4947	11.6426	-126.1246	-54.2556	60.3848	-71.0837	102.9293
103	AASHTO-IE	0.7014	4.1232	-6.6854	-52.5824	25.4947	10.8345	45.2181	25.1281
104	AASHTO-VB-B	-15.4421	3.6521	14.4895	-218.3406	-55.6839	42.8485	-156.8522	90.1250
104	AASHTO-VB-C	-7.4735	5.5902	-1.3671	-58.2727	23.3273	2.9152	5.7829	54.8211
105	AASHTO-VB-B	-31.1146	13.1449	5.4555	-272.3629	-67.5193	7.1510	-224.5172	49.3372
105	AASHTO-VB-C	-12.3813	5.2744	-7.8780	-80.9901	-3.1512	-19.2256	-46.1474	67.1245
106	AASHTO-E	-1.1014	2.7089	-3.8676	-1.6468	1.2285	1.4600	0.1823	-1.6980
106	AASHTO-VB-B	-6.4041	2.2314	6.4152	-8.2005	19.6932	25.4696	-46.3119	30.8810
107	AASHTO-I	-1.2839	6.5615	-5.8651	-8.5295	-1.4297	-1.8320	-3.5479	9.7702
107	AASHTO-VB-B	-2.8413	-6.1774	8.4093	-11.8504	4.5000	27.9481	-33.2636	60.8512
108	AASHTO-VB-B	-0.6346	0.2113	7.4899	-26.2060	-19.1575	39.7543	-21.2444	65.8376
108	AASHTO-VB-C	-0.4320	5.3412	-2.6173	-2.0438	4.1402	12.9318	10.3291	0.7100
109	AASHTO-VB-B	-1.4310	0.0704	8.4092	-53.8938	-38.3727	29.9499	-39.6373	73.8788
109	AASHTO-VB-C	-0.0801	3.5096	-1.9508	-10.7846	8.4969	11.3456	12.1630	7.4601
110	AASHTO-VB-B	-5.0885	1.8155	8.4992	-80.2152	-53.3837	27.1748	-73.2878	74.4649
110	AASHTO-VB-C	-1.5251	3.4422	-1.5704	-24.7575	11.8268	5.0858	5.2246	19.6859
111	AASHTO-VB-B	-11.8383	5.2976	7.7961	-127.4695	-62.0877	14.7699	-126.1481	52.0128
111	AASHTO-VB-C	-4.4888	2.5844	-3.1851	-38.5696	8.1957	-7.1979	-16.4085	31.0145
112	AASHTO-VB-B	-19.7941	8.5615	5.5701	-152.8618	-65.9117	-5.0823	-199.2182	5.9690
112	AASHTO-VB-C	-7.1836	2.6290	-7.1931	-45.1216	-4.8670	-19.2029	-54.3674	31.9183
113	AASHTO-IE	-3.0895	14.5648	-9.0081	-2.9127	-11.4675	19.3354	-12.3853	10.7060
113	AASHTO-VB-B	-11.9963	0.6014	11.8018	17.3049	52.7242	15.3505	-106.0847	134.4617
114	AASHTO-IE	-2.3215	6.5316	-4.9699	-0.8836	-6.5756	7.6462	5.5758	4.0741
114	AASHTO-VB-B	-0.0226	0.7776	7.0317	1.0537	7.2540	26.3544	-21.1035	60.0495
115	AASHTO-VB-B	-1.3847	1.5341	7.2720	-17.0442	-16.2102	18.8222	-23.4747	66.6956
115	AASHTO-VB-C	-0.5157	4.8558	-1.1600	-3.8334	1.1034	8.0363	5.1205	4.3686
116	AASHTO-VB-B	-2.0109	2.5462	7.5058	-20.0260	-36.2118	19.2326	-36.9529	60.2100
116	AASHTO-VB-C	-0.4678	3.5091	-0.8085	-10.2699	3.3876	4.4927	3.4839	8.2990
117	AASHTO-VB-B	-4.5857	4.2211	7.1073	-52.2708	-54.0208	12.8285	-81.1978	47.8914
117	AASHTO-VB-C	-1.0995	2.3767	-1.0097	-16.7998	3.3188	-1.7063	-3.4081	12.0020
118	AASHTO-VB-B	-6.4125	6.4444	6.7967	-63.7995	-63.7146	4.7244	-90.8361	19.7734
118	AASHTO-VB-C	-2.1834	1.3788	-2.2133	-20.4791	0.0784	-8.7907	-17.0237	16.0623
119	AASHTO-VB-B	-10.4624	7.6602	-0.1130	-61.5882	-62.1242	-7.8320	-124.3718	-36.1725

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
119	AASHTO-V8-C	-2.3469	-1.4461	-5.1618	-19.0487	-2.6837	-15.8139	-59.2460	-7.0653
120	AASHTO-B	0.7679	13.4561	5.2677	7.5885	-11.2062	-4.3232	21.5018	13.0174
120	AASHTO-V8-B	8.9152	1.8829	10.4367	36.3937	53.5284	23.8903	97.1234	133.3610
121	AASHTO-I	-1.9240	6.1622	-1.8263	-1.8984	-8.0090	-8.7202	-0.1963	13.0268
121	AASHTO-V8-B	-2.1952	3.0523	6.4136	8.4792	7.9479	10.7070	-0.1983	77.8534
122	AASHTO-V8-B	-0.9382	3.7405	6.4247	-8.2535	-18.0536	8.7598	-14.2232	59.9147
122	AASHTO-V8-C	-0.7132	6.4484	0.2607	-2.9932	-1.2135	3.4688	1.2703	5.2154
123	AASHTO-V8-B	-1.8745	4.3572	8.1114	-17.0471	-37.7769	8.4786	-27.8009	47.0506
123	AASHTO-V8-C	-0.5408	3.3090	0.1585	-6.6659	-0.9247	0.6614	-0.6178	5.1793
124	AASHTO-V8-B	-3.2718	6.6096	5.1977	-23.0360	-52.4801	7.0009	-42.4000	29.8585
124	AASHTO-V8-C	-0.8231	3.4553	-0.0799	-8.8857	-2.2427	-3.5972	-4.4170	5.3951
125	AASHTO-V8-B	-4.8356	8.4589	2.9258	-24.8197	-60.5403	6.3807	-54.2000	1.0458
125	AASHTO-V8-C	-0.8372	1.2988	-0.6234	-8.2690	-4.3986	-8.1840	-0.0033	-0.9827
126	AASHTO-V8-B	-6.7340	9.7114	-0.5896	-15.7305	-55.2599	9.6874	-48.3174	-46.7252
126	AASHTO-V8-C	-1.0730	-0.9526	-0.7435	-3.4966	-3.1771	-12.2841	-7.9855	-16.5820
127	AASHTO-I	0.9483	0.3592	-0.7212	-1.5327	-1.2525	-5.7870	5.4922	4.5728
127	AASHTO-V8-B	3.1530	0.4099	4.2091	8.5820	16.9618	6.8374	34.3486	30.8404
128	AASHTO-I	0.2188	2.4360	-0.0298	-1.8230	-8.0580	-8.5195	2.5439	8.6661
128	AASHTO-V8-B	0.5435	4.0592	6.1362	6.5303	5.1405	6.3770	17.8274	57.5338
129	AASHTO-V8-B	-1.0280	5.6412	5.0240	-1.2676	-17.5888	4.7592	-4.4115	50.1798
129	AASHTO-V8-C	-0.5403	3.0837	1.1466	-1.7743	-1.8722	0.8182	-0.6787	5.5205
130	AASHTO-V8-B	-1.0165	7.5078	4.3935	-5.6719	-39.2218	4.9585	-15.5042	39.4439
130	AASHTO-V8-C	-0.3905	3.2866	0.8220	-3.0624	-3.4176	-0.7209	-1.8181	4.3701
131	AASHTO-V8-B	-1.6149	9.4254	3.1592	-7.7239	-48.9767	5.7278	-23.0032	21.6978
131	AASHTO-V8-C	-0.2748	3.0010	0.0571	-3.4764	-5.2242	-3.1000	-2.8714	1.8337
132	AASHTO-V8-B	-2.5260	11.0930	1.3039	-7.0881	-55.0056	7.7883	-24.0157	-1.2319
132	AASHTO-V8-C	-0.5029	2.6891	0.3212	-2.3177	-6.8296	-0.3924	-2.0418	-2.8195
133	AASHTO-V8-B	-1.1804	12.0181	-1.8953	-4.3523	-44.7913	9.2383	-4.8021	-25.3956
133	AASHTO-V8-C	-0.8387	2.7450	-0.0901	1.0212	-7.8250	-7.6003	5.7379	-8.2260
134	AASHTO-I	-0.0282	0.6082	-0.3796	-0.6291	-2.8957	-2.4459	0.8243	-0.3074
134	AASHTO-V8-B	0.8273	-0.5740	1.4573	1.3728	14.9866	9.2447	9.2914	21.2482
135	AASHTO-I	0.0672	-0.2389	-0.3556	-0.6867	-7.8002	-3.8502	0.0650	-1.2668
135	AASHTO-V8-D	0.2454	2.9184	2.3903	0.9701	1.3648	2.8046	4.8833	42.8557
136	AASHTO-V8-B	-0.2005	7.1468	2.3666	0.3851	-17.6207	2.0623	0.0629	47.2967

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
136	AASHTO-V8-C	0.0010	2.3902	0.7639	-0.6394	-1.3048	0.2576	-0.8143	6.2709
137	AASHTO-V8-B	-0.3008	10.6879	1.7830	-1.1968	-34.9382	2.3269	-4.6673	59.3381
137	AASHTO-V8-C	-0.1180	3.3885	0.5464	-0.7932	-3.6947	-0.5039	-1.1248	5.0952
138	AASHTO-V8-B	-0.4227	13.3333	1.1409	-1.5427	-46.1995	2.9811	-6.9618	25.0382
138	AASHTO-V8-C	-0.0535	4.1220	0.4100	-0.8202	-5.8889	-1.4194	-1.1163	-0.8337
139	AASHTO-V8-B	-0.4884	14.5859	0.1040	-1.3174	-48.8532	3.9974	-6.8309	8.6752
139	AASHTO-V8-C	-0.2075	4.5099	0.1651	-0.3099	-7.9008	-2.1883	-0.0460	-3.8457
140	AASHTO-V8-B	-0.1347	14.2256	-0.6054	-1.2570	-43.3629	4.1999	-2.6784	-1.8429
140	AASHTO-V8-C	-0.1200	4.6535	-0.2667	-0.1525	-10.4163	-2.4873	1.2128	-3.8731
141	AASHTO-I	0.0786	-5.4557	0.2038	0.2464	-36.1607	5.7564	-3.5400	-6.1527
141	AASHTO-V8-D	-0.0991	-16.4754	-0.4348	1.3927	16.6894	4.1602	-4.7027	-6.3654
142	AASHTO-I	0.2843	-1.5946	0.9188	2.9464	-34.4568	11.1184	-16.4980	5.0234
142	AASHTO-V8-D	-0.7249	-12.2598	-1.4122	6.3672	20.1797	7.5258	-10.9582	6.0930
143	AASHTO-I	1.1520	-11.8884	-2.2459	16.0442	-15.1318	16.3586	-84.4851	-91.2041
143	AASHTO-V8-C	-0.8215	-11.4621	-4.7751	11.1729	19.7368	20.1334	-23.0224	-12.2918
144	AASHTO-I	-0.1052	-11.2777	12.8391	22.0974	-24.4509	19.7094	180.7955	-80.6783
144	AASHTO-V8-C	6.4081	-10.9725	6.7589	33.9070	16.0324	6.5173	14.5571	-3.3524
145	AASHTO-I	1.3605	0.1659	10.5299	-29.8945	-66.2918	34.9792	122.8396	52.3779
145	AASHTO-V8-D	24.8717	-9.9275	-1.5951	128.8232	8.8464	5.0537	-66.3153	24.9776
146	AASHTO-I	4.9251	5.9117	17.9482	-75.2647	-85.8586	37.0387	140.8634	120.4181
146	AASHTO-V8-D	34.8368	-6.5098	-2.3050	205.4111	4.5789	2.5182	-122.8357	42.8737
149	AASHTO-I	4.9251	5.9117	-17.9482	-75.2647	-85.8586	-37.0387	-140.8634	120.4181
149	AASHTO-8-E	-0.7256	3.3260	-3.8529	-47.1846	-32.2226	-8.3495	-67.0630	18.8259
150	AASHTO-I	1.3605	0.1659	-10.5039	-29.8945	-66.2918	-34.9792	-122.8396	52.3779
150	AASHTO-8-E	-0.7503	0.8664	-1.5495	-22.0527	-19.5436	-8.3135	-63.4200	5.7923
151	AASHTO-V8-B	-21.8756	7.7500	-9.7590	-56.4923	-37.6177	-23.5809	-250.5076	-144.9953
151	AASHTO-V8-C	-6.8884	-5.5457	-11.3532	-8.4763	6.2213	-12.2586	-100.9724	-51.5481
152	AASHTO-V8-B	3.5853	9.1231	-7.8888	11.5047	-29.0741	7.3273	75.7785	-144.1285
152	AASHTO-V8-C	0.8915	-4.9071	0.1868	10.1679	10.1934	-20.5463	38.2564	-59.5823
153	AASHTO-I	0.2845	-1.5946	-0.9188	2.9464	-34.4568	-11.1184	16.4990	5.0234
153	AASHTO-8-E	0.2988	-0.3395	-0.2494	0.8727	-6.3655	-0.1247	10.2204	-1.9001
154	AASHTO-V8-B	0.1977	13.3809	-0.4932	-1.5396	-36.8299	2.0951	0.4359	-5.1463
154	AASHTO-8-E	0.0600	-0.5702	-0.0574	-0.0495	-6.1239	-0.7425	2.1491	-5.0474
155	AASHTO-I	0.1432	-3.2433	-0.0123	0.5621	-46.1581	6.7970	-2.3626	-3.7731

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
155	AASHTO-V8-D	-0.0811	-15.8744	-0.2427	1.8779	13.7564	3.1858	-4.3690	-0.0958
156	AASHTO-I	0.0406	-3.1250	-0.3291	0.9667	-55.2878	4.8475	0.4935	-5.1411
156	AASHTO-V8-D	0.1321	-15.1617	-0.3379	1.6861	6.3361	1.4744	-4.2011	7.5782
157	AASHTO-I	-0.0443	-2.3895	-0.2782	0.5104	-64.8780	0.5008	2.5419	-14.1103
157	AASHTO-V8-D	0.2257	-13.7201	-0.8790	1.2679	-1.8118	-0.2301	-3.0893	13.9408
158	AASHTO-I	-0.1227	-2.4440	-0.0537	0.7019	-39.6774	-2.8755	0.7996	-24.8641
158	AASHTO-V8-B-S	0.1267	-6.8078	-1.0957	0.3997	-9.2639	-1.4660	-0.7672	11.9507
159	AASHTO-IB	-0.1121	-3.0341	-0.1764	0.8771	-17.3962	-2.8290	-4.3146	-20.5911
159	AASHTO-II-E	-0.0069	-1.2502	-0.0570	0.2449	-0.0091	-2.1406	-1.7300	-5.3308
160	AASHTO-V8-D	-0.3153	-4.8003	-0.8191	-1.9082	-21.7348	0.2950	2.8585	8.2757
160	AASHTO-II	-0.0029	-1.4957	-0.0578	-0.4715	1.8883	-0.3238	-4.8584	0.2747
161	AASHTO-V8-B	-0.4913	-5.0161	0.7033	-1.5891	-29.8011	4.8483	1.2778	3.1385
161	AASHTO-II-E	0.0076	-0.9868	-0.0554	-0.3579	-5.5052	4.0697	-3.6600	8.8718
162	AASHTO-I	0.0457	-3.5130	-0.2236	-0.5466	-46.2213	13.4296	-1.2951	23.3199
162	AASHTO-V8-C	0.0205	-5.1596	0.4437	-0.8382	-23.8426	6.4514	0.4388	2.1582
163	AASHTO-I	-0.5789	-2.8598	-0.1566	-0.8497	-66.2485	13.4497	3.8041	16.4200
163	AASHTO-V8-C	0.0396	-3.9004	0.3477	-0.4331	-36.1937	6.7537	1.3214	-2.4259
164	AASHTO-I	-0.2579	-3.3640	0.3036	-0.5098	-121.8135	12.0050	3.1172	1.2984
164	AASHTO-V8-D	0.1438	-15.4695	0.9892	0.9133	-46.7046	5.1273	-1.7848	-11.1988
165	AASHTO-I	-0.1902	-4.4956	0.8747	1.1797	-144.7152	8.8203	-2.2505	-4.9418
165	AASHTO-V8-D	0.0662	-15.3528	0.6745	1.5196	-52.3474	3.1870	-5.4858	-7.4622
166	AASHTO-I	0.1389	-7.0536	1.1435	0.1999	-163.5764	8.9601	-4.9441	2.8845
166	AASHTO-V8-D	-0.0233	-16.9811	0.6504	1.3519	-55.1954	1.7367	-4.0629	-0.7396
167	AASHTO-I	0.7872	-3.7655	-0.0911	2.8258	-43.8480	16.5564	-7.9982	11.7439
167	AASHTO-V8-D	-0.3821	-12.2896	-0.2382	6.8219	14.0274	7.0574	-10.3877	7.0601
168	AASHTO-I	0.0524	-1.7282	-0.8390	4.8019	-60.0801	9.7243	5.6877	11.7854
168	AASHTO-V8-D	0.8275	-12.5053	-1.0199	8.1989	6.2716	2.5601	-11.1049	12.3796
169	AASHTO-I	-0.7539	-3.4068	0.2130	1.7605	-57.8996	-0.5987	14.0133	-12.6090
169	AASHTO-V8-D	0.7973	-10.8606	-2.5820	5.4523	-0.7146	-1.3301	-7.4457	19.9188
170	AASHTO-I	0.1209	-5.2323	0.8900	0.7404	-40.9141	-6.5907	9.2352	-31.0952
170	AASHTO-V8-D	0.8110	-8.4311	-2.7303	2.0505	-8.0147	-2.5084	-2.2451	16.1589
171	AASHTO-V8-B	0.0281	-9.3104	-3.8921	-1.1401	-18.2357	-5.0544	-0.1181	8.3276
171	AASHTO-II-E	-0.0062	-2.0684	-0.1752	1.9147	-3.8804	-4.3765	-5.0430	-14.2080
172	AASHTO-V8-D	-2.5462	-6.5787	-2.9303	-7.8623	-20.7073	-0.7675	5.5950	11.4153

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
172	AASHTO-I	0.0868	-4.4730	0.0147	1.5789	6.9671	-3.3908	-36.4174	-18.0717
173	AASHTO-V8-B	-2.4490	-6.5756	2.1067	-7.4628	-27.7884	11.6997	-0.8254	12.8867
173	AASHTO-II-E	0.5242	-3.1076	-0.0667	-1.2433	-0.6629	13.6484	-29.7183	29.4192
174	AASHTO-I	0.1390	-2.0412	-1.3331	-0.7344	-46.8110	29.1430	-5.1576	59.4245
174	AASHTO-II-E	-0.0867	-1.2606	-0.2387	1.0176	-23.5447	12.4790	-4.8420	33.2174
175	AASHTO-I	-1.5484	-2.3177	5.3739	-4.3675	-69.8090	29.4891	14.7866	41.3403
175	AASHTO-V8-C	-0.4040	-2.5967	1.2898	-1.5568	-36.6851	14.0272	4.7015	9.1148
176	AASHTO-I	-0.4514	-3.8580	1.4025	-3.7383	-122.4222	27.4330	17.8643	29.8261
176	AASHTO-V8-D	0.6415	-15.3574	3.1196	3.4380	-46.6248	12.5066	-2.5279	-4.7268
177	AASHTO-I	-0.8245	-5.4594	1.2124	5.2739	-141.9624	24.9333	-3.4962	-11.7575
177	AASHTO-V8-D	0.6413	-12.8470	1.5895	1.9950	-62.7257	6.3905	-8.9963	-7.0031
178	AASHTO-I	0.4830	-3.0163	2.1413	2.3047	-160.0515	19.3968	-20.8580	10.0749
178	AASHTO-V8-D	-0.2448	-11.9659	1.0763	5.6509	-54.1999	3.3207	-10.5339	0.7049
179	AASHTO-I	1.0904	5.2015	-3.0911	15.3871	-52.7188	26.7074	-43.2743	87.8999
179	AASHTO-V8-B	-2.7402	-10.3341	2.2264	15.2247	17.6811	9.0245	-21.8085	26.2798
180	AASHTO-I	-1.9482	-1.2228	1.8468	6.8581	-73.5876	5.8717	36.7730	10.8470
180	AASHTO-V8-D	3.9834	-8.1480	-3.1386	22.2918	7.0027	-1.5024	-20.9284	22.3573
181	AASHTO-I	-1.0834	-4.7070	2.4789	-3.5505	-64.5808	-5.1063	29.4858	-15.5292
181	AASHTO-V8-D	0.6236	-7.8649	-3.3052	10.8121	-6.7972	-4.3667	-8.3784	22.8068
182	AASHTO-I	-0.0564	-7.8458	2.8273	-4.7780	-43.3819	-7.8808	21.0464	-39.8851
182	AASHTO-V8-D	0.2986	-7.7245	-3.1020	2.5537	-8.2783	-4.8417	-1.4525	18.0096
183	AASHTO-V8-B	2.0694	-6.5842	-2.7562	0.6865	-17.6470	-6.0439	5.4233	8.4351
183	AASHTO-V8-C	1.6685	-7.0096	0.5427	1.4619	-5.6123	-1.9238	4.8512	-22.2676
184	AASHTO-V8-D	-8.3802	-8.6269	-6.7200	-17.8399	-22.0802	-6.4513	4.7932	6.4992
184	AASHTO-I	1.1194	-16.8435	-3.1478	23.5162	46.9559	4.6509	-112.3208	-146.2876
185	AASHTO-V8-D	-6.4294	-5.8186	5.1091	-18.2966	-21.3954	14.9582	4.7300	18.2708
185	AASHTO-II	0.0683	-1.8104	-0.8188	12.3965	16.5177	12.1396	-66.5813	106.8514
186	AASHTO-I	-1.9457	-1.4475	0.3317	-2.4445	-62.5041	29.1062	23.8345	73.7596
186	AASHTO-II-E	-0.3291	-1.8700	-0.2868	-1.0271	-25.2889	15.5806	9.2415	42.8589
187	AASHTO-I	-1.8791	-2.8633	5.9092	-16.8722	-88.9287	32.9878	25.2968	95.3999
187	AASHTO-V8-C	-0.7916	-1.5715	2.2064	-8.4189	-37.5271	16.5804	7.6243	14.0586
188	AASHTO-I	-1.8235	-3.2579	2.3229	-17.8529	-123.3546	36.7341	36.2366	32.3093
188	AASHTO-V8-D	0.0446	-7.0660	4.2479	4.3338	-47.8458	19.5426	-0.1908	-5.4442
189	AASHTO-I	-0.0114	-5.2647	3.8265	-3.8646	-146.2588	38.9905	55.2070	-12.8479

RESULT ENVELOPE Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
189	AASHTO-V8-D	3.9522	-9.1884	4.6668	18.6746	-69.3125	17.3763	-5.6872	-12.6849
190	AASHTO-I	2.8646	-13.3228	-1.3654	19.4845	-105.1419	46.3084	-104.0485	-168.1234
189	AASHTO-V8-C	0.4176	-10.9571	-2.0815	11.9362	-33.4141	27.8396	-62.5833	-74.7972
191	AASHTO-I	-0.3073	4.7105	9.9542	16.2704	-66.8581	7.8508	153.0240	96.8908
191	AASHTO-V8-B	17.8389	-7.2792	2.0528	75.7263	16.9258	14.8771	-25.8322	42.4698
192	AASHTO-I	-1.8319	-2.3011	4.9653	-8.6266	-66.4824	-6.2185	58.6555	11.8343
192	AASHTO-V8-D	2.0965	-5.1017	-4.1469	33.8425	6.8806	-8.5262	-22.4188	36.8781
193	AASHTO-I	-1.5245	-7.0818	5.3736	-19.1220	-76.9817	-11.1877	48.3360	-25.1279
193	AASHTO-V8-D	0.6398	-5.3622	-3.2723	15.1947	-0.5170	-11.3625	-5.3473	29.5618
194	AASHTO-I	0.0676	-10.5316	5.3376	-20.2619	-43.3833	-8.9138	35.8996	-46.2769
194	AASHTO-V8-D	0.3399	-8.0869	-2.6503	5.9831	-8.4861	-9.0277	2.7146	16.8785
195	AASHTO-V8-B	-0.0039	-7.4674	-2.2435	-8.7307	-12.7371	-2.9733	5.8264	5.5818
195	AASHTO-V8-C	1.2837	-7.7351	2.1019	-5.5796	-3.5097	-1.3274	11.4580	-24.8234
196	AASHTO-V8-D	9.1803	-7.6004	-4.8340	4.5011	-15.2298	-4.2869	21.7715	2.7336
196	AASHTO-I	0.1672	-19.2557	9.5022	20.7668	53.3327	-4.4244	162.1785	-152.9613
197	AASHTO-V8-D	9.1088	-4.5432	6.3482	3.4744	-14.1133	18.5002	23.4849	24.2788
197	AASHTO-E	0.5593	-2.7468	0.6465	11.7330	20.7975	11.3187	97.5773	112.0811
198	AASHTO-I	-1.4063	-2.9692	1.3643	-22.3058	-46.4339	15.6857	21.9012	90.8985
198	AASHTO-E-E	-0.2773	-2.4417	-0.4514	-10.2896	-20.5845	5.3768	12.6518	46.8630
199	AASHTO-I	-2.2033	-5.3687	5.9194	-39.7229	-65.4002	32.5854	97.1573	96.3901
199	AASHTO-V8-C	-1.0917	-0.5423	2.7434	-15.1535	-34.0690	17.2216	11.7842	17.3333
200	AASHTO-I	-3.4085	-2.3625	2.2576	-48.7737	-120.4700	45.7641	57.8873	49.7442
200	AASHTO-V8-C	-1.1977	-0.7153	3.6470	-14.3142	-44.5135	24.4090	16.7301	9.8324
201	AASHTO-I	-1.2466	-2.3663	5.0501	-42.9658	-149.8815	57.0284	87.7365	9.0773
201	AASHTO-V8-C	0.4993	-1.9122	5.5156	-8.4762	-62.3876	30.9300	24.7301	-6.2807
202	AASHTO-I	-2.3958	-8.1297	10.9403	15.5250	-116.5467	22.1570	595.5916	-150.3745
202	AASHTO-V8-C	4.1457	-7.7560	10.6785	27.5758	-20.8125	9.8217	126.7677	-66.2110
203	AASHTO-I	1.8319	-3.7101	9.5431	-32.2091	-91.8081	15.0346	134.8202	36.5492
203	AASHTO-V8-D	16.5962	-6.6347	-4.2244	104.9697	2.7034	-5.4062	-60.2784	50.3011
204	AASHTO-I	-1.0099	-6.5353	8.9746	-39.2799	-99.3315	-14.0868	107.1369	-5.4864
204	AASHTO-V8-D	3.9026	-2.2038	-3.5476	53.2237	4.3718	-23.5902	-21.0910	51.2541
205	AASHTO-I	-1.8734	-10.2850	8.7142	-46.7150	-74.3038	-17.7837	64.3941	-45.7030
205	AASHTO-V8-D	-0.8764	-3.3256	-2.2835	12.1975	1.3236	-22.1282	4.7919	32.5890
206	AASHTO-I	1.0780	-15.0958	7.6283	-44.9009	-39.8598	-8.1514	46.4206	-54.0879

RESULT ENVELOPE Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
206	AASHTO-V8-D	0.0077	-5.6709	-1.8136	-6.3941	-3.6830	-13.6764	9.1774	15.9134
207	AASHTO-V8-D	1.7657	-5.6567	-2.7928	-12.8236	-6.1830	-7.7763	8.5764	7.2907
207	AASHTO-E	0.7578	-5.5290	0.9066	-19.0502	1.5714	4.1618	26.4679	-22.2437
208	AASHTO-V8-D	5.5342	-7.1540	-2.1382	-11.7154	-8.5704	-1.4868	13.8555	6.9653
208	AASHTO-I	0.9528	-10.8745	4.4206	-35.9398	19.5464	7.3239	84.1239	-23.1560
209	AASHTO-V8-D	5.5500	-7.1442	2.7960	-14.1078	-15.2402	10.6099	15.2395	17.2913
209	AASHTO-I	1.4814	-10.3629	2.9189	-43.1118	11.5942	0.7649	79.8436	49.1692
210	AASHTO-I	0.0610	-6.3370	2.5836	-53.1823	-32.1152	5.4883	47.1268	81.2198
210	AASHTO-E-E	0.3247	-3.4865	-0.3736	-22.9690	-16.1547	7.6033	25.0260	40.2085
211	AASHTO-I	-2.0067	-5.8083	-0.0403	-69.7667	-73.8497	27.3601	36.0474	79.2334
211	AASHTO-V8-C	-1.3982	-8.5486	2.5252	-27.4270	-28.8047	15.7428	13.1309	21.4542
212	AASHTO-I	-6.8849	-2.4048	-0.1558	-67.1505	-113.4364	46.2492	64.7781	70.7841
212	AASHTO-V8-C	-2.2322	0.7300	2.8734	-30.3573	-39.2339	26.3406	18.7119	17.4787
213	AASHTO-I	-7.6895	2.6624	5.2251	-64.4251	-150.0862	57.2622	143.2784	59.5917
213	AASHTO-V8-C	-2.5570	2.7071	6.2452	-23.4272	-50.3873	33.7118	43.2557	12.4475
214	AASHTO-I	-4.2676	13.3209	9.8104	-105.7567	-205.9171	58.8086	249.3750	87.0308
214	AASHTO-V8-D	14.5759	-8.3651	8.3329	70.9629	-75.1968	33.3178	-1.2001	-10.4257
215	AASHTO-I	3.2779	-5.1287	11.9133	-61.4181	-131.5372	11.5181	184.1287	42.7534
215	AASHTO-V8-D	17.1030	-2.4818	-9.9584	156.5101	-6.5262	-34.0579	-74.3364	84.2495
216	AASHTO-I	-2.0529	-6.2279	13.4985	-67.1408	-121.1174	-21.1876	146.9898	-60.5618
216	AASHTO-V8-D	0.3742	0.6655	-2.7151	60.6818	1.6880	-54.7599	-7.7791	54.3507
217	AASHTO-I	-0.1537	-23.2519	14.0189	-83.2407	-73.8011	-19.3279	88.2959	-83.4779
217	AASHTO-V8-D	-1.0226	-6.1515	0.9587	-4.9583	5.1868	-30.9221	21.4321	20.2898
218	AASHTO-I	3.9678	-19.4891	5.2073	-69.7434	-33.0278	-8.5146	32.1208	-59.8529
218	AASHTO-V8-D	1.2041	-5.7704	-2.0454	-16.3142	-2.4072	-16.2936	15.1315	6.8335
219	AASHTO-E	2.3357	-13.9325	3.6604	-51.2931	-6.0232	-1.1378	31.2222	-34.1001
219	AASHTO-I	1.1556	-6.1504	0.6335	-35.4457	5.7034	2.2286	16.4338	-11.8988
220	AASHTO-V8-D	3.4234	-6.3462	-1.1098	-23.6526	-3.8795	-2.0003	6.7696	7.9803
220	AASHTO-I	2.1206	-15.4554	2.8474	-65.1892	15.0089	4.1615	43.5766	-5.4865
221	AASHTO-V8-D	5.4025	-6.1273	1.4731	-26.9632	-6.3506	7.8517	7.8712	16.8156
221	AASHTO-I	3.1642	-11.2759	1.8570	-71.4191	5.5388	2.4888	41.9196	35.8791
222	AASHTO-I	1.4884	-10.0309	0.9674	-60.6194	-24.5853	6.9405	32.5869	67.0715
222	AASHTO-V8-C	0.6215	-2.5818	2.3444	-35.8658	-11.2413	6.3739	11.8416	23.7908
223	AASHTO-I	0.2364	-8.3641	-0.0750	-99.0142	-63.1567	19.1761	90.5769	84.5892

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
223	AASHTO-VB-C	-0.0641	-0.9721	2.2605	-40.6311	-24.2940	12.5198	13.0990	26.8464
224	AASHTO-I	-4.8343	-6.7341	-4.2824	-127.6677	-104.3573	34.7832	56.4453	105.8163
224	AASHTO-VB-C	-2.8327	-0.0176	1.2087	-47.3892	-33.2833	22.6392	19.3260	27.3710
225	AASHTO-I	-10.8099	5.3348	-5.1798	-165.1228	-158.6605	50.4606	124.3198	139.8164
225	AASHTO-VB-C	-4.9226	5.8114	1.7719	-46.7493	-50.2582	37.7199	29.7052	40.4176
226	AASHTO-I	-8.4046	22.8226	1.2400	-206.1740	-234.2145	53.7177	226.5356	175.7260
226	AASHTO-VB-D	13.2868	7.4615	11.4184	96.7961	-67.9533	55.3133	-25.8177	4.5430
228	AASHTO-I	2.6211	-60.4839	31.2393	-160.7336	-146.3600	-16.3486	208.7854	-247.5480
228	AASHTO-VB-D	-7.3345	-14.5942	7.6460	47.1371	-10.4248	-66.0557	15.8961	-31.9360
229	AASHTO-I	9.3742	-52.2768	6.1307	-110.4068	-65.8758	-10.7777	11.9389	-101.4233
229	AASHTO-VB-D	5.8005	-8.9045	-2.0411	-61.5085	-4.7394	-23.2965	26.5947	-9.6425
230	AASHTO-I	4.8331	-22.3555	2.8132	-66.7113	-26.7728	-3.1255	14.1948	-62.5962
230	AASHTO-VB-B-S	1.0432	-5.8629	-1.7459	-28.9504	-2.6286	-13.7211	13.1019	-9.8821
231	AASHTO-B	3.2411	-15.1378	0.9106	-64.8557	-4.8620	-1.4158	10.8230	-30.4863
231	AASHTO-B	1.5026	-6.7304	0.1294	-41.3265	4.7447	0.0347	6.3344	-6.8992
232	AASHTO-VB-D	1.8483	-5.3012	-0.6727	-31.7177	2.8423	-3.7763	-1.7849	6.5899
232	AASHTO-I	2.7732	-14.1000	0.8840	-78.7808	10.0823	1.2960	13.8130	-1.4648
233	AASHTO-VB-D	1.7925	-5.2054	1.1409	-35.5396	-2.6830	6.0036	-1.4853	18.4630
233	AASHTO-I	2.4973	-12.2941	0.5305	-64.9258	5.4676	1.1234	13.3317	52.7106
234	AASHTO-I	2.0105	-11.1329	0.2710	-65.2777	-21.8467	2.8705	11.2478	62.5411
234	AASHTO-VB-C	0.5016	-2.6695	1.2882	-40.8990	-8.8960	4.9282	4.3279	24.4964
235	AASHTO-I	0.8889	-11.0108	-0.2596	-116.5435	-56.8740	6.8855	12.0883	88.3706
235	AASHTO-VB-C	-0.5493	-1.4673	1.2868	-48.6208	-22.0570	8.1092	7.7038	52.5991
236	AASHTO-I	0.5151	-13.2586	-1.1589	-155.0262	-97.5901	13.6883	18.4384	124.5159
236	AASHTO-VB-C	-1.2813	-8.7641	1.1453	-68.6894	-34.6038	11.2183	14.8384	41.8491
237	AASHTO-I	-4.9783	-27.3338	-17.5466	-219.8156	-160.0645	22.0825	78.7585	215.2874
237	AASHTO-VB-C	-5.5276	-2.5200	-3.2697	-61.1973	-49.2784	33.4136	-6.4512	59.1255
240	AASHTO-I	2.6211	-60.4839	-31.2393	-160.7336	-146.3600	16.3486	-208.7854	-247.5480
240	AASHTO-B-S	0.6748	-15.2867	-8.0411	-60.8095	-37.1398	0.6865	-59.5456	-75.0245
241	AASHTO-I	9.3742	-52.2368	-6.1307	-110.4068	-65.8758	10.7777	-11.9389	-101.4233
241	AASHTO-B-S	2.1328	-8.2484	-1.0820	-39.4776	-14.4176	2.1216	-3.4851	-29.5868
242	AASHTO-I	4.8331	-22.3555	-2.8132	-66.7113	-26.7728	3.1255	-14.1948	-62.5962
242	AASHTO-B-S	1.3128	-6.0914	-0.6862	-33.2648	-4.0099	-0.3815	-4.2947	-17.0264
243	AASHTO-B	3.1146	-15.0571	-2.2603	-65.7682	-5.8126	-1.3569	-10.8408	-32.4362

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
243	AASHTO-VB-B	1.1427	-6.1804	-2.8993	-62.9682	6.8328	-13.5958	-7.7918	-13.4849
244	AASHTO-B	1.8136	-8.2696	-0.8803	-67.8868	8.1572	-0.7436	-8.7225	-1.8091
244	AASHTO-VB-B	0.8254	-5.4549	-1.1354	-48.2286	12.6524	-6.2512	-16.1470	6.1017
245	AASHTO-B-S	0.8940	-4.7019	0.1310	-36.5067	1.3121	-0.6254	-7.0454	21.1273
245	AASHTO-VB-B	0.5684	-5.5117	1.2811	-51.4857	5.1781	3.9954	-16.6744	28.8999
246	AASHTO-I	2.0105	-11.1329	-0.2710	-65.2777	-21.8467	-2.8705	-11.2478	62.5411
246	AASHTO-VB-C	0.3088	-2.4411	0.3799	-41.8953	-7.7594	2.9070	-5.1434	27.2847
247	AASHTO-I	0.8889	-11.0108	0.2595	-116.5435	-56.8740	-6.8855	-12.0883	88.3706
247	AASHTO-VB-C	-0.4584	-1.4518	0.3416	-51.8630	-22.9362	2.3684	-1.2762	37.7403
248	AASHTO-I	0.5151	-13.2586	1.1589	-155.0262	-97.5901	-13.6883	-18.4384	124.5159
248	AASHTO-VB-C	-1.8940	-9.7126	0.7665	-65.4099	-40.6928	0.4308	-1.7135	59.5550
249	AASHTO-I	-4.9783	-27.3338	17.5466	-219.8156	-160.0645	-22.0825	-78.7585	215.2874
249	AASHTO-VB-C	-0.9691	-3.2814	3.8429	-122.4284	-64.4604	15.2750	-19.7905	83.4801
251	AASHTO-I	5.2779	-5.1387	-11.9133	-81.4181	-131.5372	-11.5181	-184.1267	42.7534
251	AASHTO-B-S	-0.5236	-0.0650	-2.8897	-44.2133	-36.2401	-2.1919	-70.7825	-0.9471
252	AASHTO-I	-2.0529	-8.2279	-13.4985	-87.1406	-121.1174	21.1676	-146.8996	-80.5619
252	AASHTO-B-S	-1.0490	-1.7574	-3.3360	-37.8533	-31.0042	5.2459	-50.0076	-23.3800
253	AASHTO-I	-5.1537	-23.2519	-14.2189	-83.2407	-73.8011	19.3276	-88.2959	-83.4779
253	AASHTO-B-S	-0.2112	-0.9889	-3.3456	-31.7250	-17.6898	4.8514	-22.9034	-24.7992
254	AASHTO-I	3.9678	-19.4891	-6.2073	-69.7434	-35.5378	8.5146	-32.1208	-59.9529
254	AASHTO-B-S	1.0550	-5.2606	-1.3793	-27.1446	-6.0342	0.7403	-11.2259	-17.2868
255	AASHTO-I	2.5186	-15.7705	-4.1819	-63.1207	-6.3135	-0.7697	-36.2165	-40.1257
255	AASHTO-VB-B	0.2367	-4.8288	-3.8186	-37.9654	9.4098	-15.5239	-24.6228	-26.8039
256	AASHTO-I	1.1962	-7.9458	-2.0692	-39.2199	8.1484	-2.3707	-27.5450	-6.4262
256	AASHTO-VB-B	-1.3950	-3.6857	-1.6242	-40.6298	22.3788	-8.9086	-36.3947	0.0016
257	AASHTO-B-S	0.6119	-4.2057	0.2508	-32.1837	3.1146	-2.0761	-21.3947	22.8727
257	AASHTO-VB-B	-1.4412	-3.6306	1.9007	-45.2499	14.9213	2.5306	-40.0230	34.4291
258	AASHTO-I	1.4664	-10.0309	-0.9574	-80.9194	-24.5853	-6.9405	-32.5899	67.0715
258	AASHTO-VB-C	0.0577	-1.8947	-0.4050	-50.4791	-8.9752	1.3068	-15.3575	32.2566
259	AASHTO-I	0.2394	-8.8641	0.0750	-99.8142	-63.1567	-19.1761	-92.5789	84.5992
259	AASHTO-VB-C	-0.6136	-6.7300	-0.1475	-45.3395	-28.7316	-3.5295	-12.8987	40.9657
260	AASHTO-I	-4.8343	-6.7341	4.2824	-127.6677	-104.3573	-34.7832	-56.4453	105.8163
260	AASHTO-VB-C	-2.3262	-0.0210	0.3649	-42.9233	-46.9657	-7.5068	-19.8205	53.3403
261	AASHTO-I	-10.8099	5.3348	5.1798	-165.1228	-158.6605	-50.4606	-124.3198	139.8164

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
281	AASHTO-VB-C	-5.6984	4.0218	1.8000	-103.3005	-69.8299	-9.2925	-58.9275	84.4478
282	AASHTO-I	-6.4046	22.9226	-1.2490	-208.1740	-234.2145	-53.7177	-226.5306	175.7280
282	AASHTO-VB-C	-10.5202	14.1308	0.6515	-155.5464	-106.4710	-20.2080	-133.7648	118.6119
283	AASHTO-I	1.6218	-3.7101	-0.0431	-32.2091	-91.8091	-15.0398	-134.8202	38.0492
283	AASHTO-II-S	-0.7093	-0.0236	-1.5991	-19.8506	-23.4719	-0.4758	-62.1930	5.4843
284	AASHTO-I	-1.0089	-8.5303	-0.9746	-39.2759	-99.3315	14.0886	-107.1366	-5.4884
284	AASHTO-II-S	-0.7991	-1.8857	-1.8098	-18.3673	-23.8445	4.8271	-43.3184	-0.3281
285	AASHTO-I	-1.6734	-10.2550	-8.7142	-46.7150	-74.3038	17.7837	-94.3841	-45.7030
285	AASHTO-II-S	-0.5213	-2.7036	-1.9433	-19.2827	-19.5494	5.1634	-22.6151	-13.1077
286	AASHTO-I	1.0780	-15.0859	-7.6283	-44.9009	-59.8086	9.1514	-40.4206	-54.0879
286	AASHTO-II-S	0.2329	-3.9663	-1.6395	-17.4527	-6.3583	0.9966	-14.1596	-16.0220
287	AASHTO-I	1.4926	-15.3332	-6.4056	-35.8101	-4.3247	-0.0369	-53.9966	-59.9230
287	AASHTO-VB-B	-0.3542	-5.8005	-4.8525	-20.7471	8.7277	-16.1966	-39.5086	-50.2588
288	AASHTO-II-S	0.4657	-8.2258	-3.4590	-20.9717	12.3802	-3.3060	-52.8420	-15.8484
288	AASHTO-VB-B	-4.3058	-1.2558	-3.0435	-23.4591	35.8482	-16.3421	-73.2523	-16.5901
289	AASHTO-II-S	0.1160	-3.5235	0.3453	-18.2321	6.7659	-2.4734	-41.4086	30.7302
289	AASHTO-VB-B	-4.3564	-1.2810	3.1151	-26.3127	27.3958	4.0886	-76.1965	90.8684
270	AASHTO-I	0.9610	-8.3370	-2.5836	-53.1923	-32.1152	-5.4883	-47.1269	81.3199
270	AASHTO-VB-D	-0.8189	-1.6799	4.2840	-24.0461	-8.0230	4.9612	-36.8937	71.0149
271	AASHTO-I	-2.0087	-0.9083	0.0465	-69.7867	-73.8497	-27.3801	-98.0474	78.2334
271	AASHTO-VB-C	-1.1847	0.3877	-0.5094	-33.4760	-32.4675	-8.3671	-15.9888	59.6060
272	AASHTO-I	-4.8949	-2.4048	0.1558	-87.1505	-113.4364	-46.2482	-84.7791	75.7541
272	AASHTO-VB-C	-2.1344	1.1020	-0.3779	-47.9678	-51.0812	-16.4346	-29.8761	43.6974
273	AASHTO-I	-7.6895	2.8624	-0.2251	-94.4251	-150.0882	-57.2622	-143.2794	59.0917
273	AASHTO-VB-C	-5.1833	3.0770	-3.0141	-63.7633	-67.1569	-22.6843	-78.6928	41.7878
274	AASHTO-I	-4.2878	13.5209	-9.8104	-105.7567	-205.9171	-58.5086	-248.3790	87.0308
274	AASHTO-VB-C	-7.4220	9.8813	-5.3013	-85.8739	-96.3127	-30.0166	-149.8314	69.2534
275	AASHTO-III	-3.8912	8.3111	-10.7791	-1.8894	-69.7981	-2.7043	-145.1543	84.0045
275	AASHTO-II-S	-1.1910	0.2234	-0.7717	6.9008	-2.3820	-4.9403	-81.9529	55.7451
276	AASHTO-I	-1.5319	-2.3011	-4.8658	-8.6298	-66.4624	9.2195	-58.8955	11.8543
276	AASHTO-II-S	-0.4830	-0.9634	-0.8984	-5.3069	-25.1014	3.6621	-23.7391	10.5494
277	AASHTO-I	-1.5245	-7.0819	-5.5736	-19.1220	-70.6817	11.1877	-49.3360	-25.1279
277	AASHTO-II-S	-0.4881	-1.9598	-1.1022	-8.2598	-18.3026	3.7322	-18.2818	-5.5220
278	AASHTO-I	0.0678	-10.5319	-5.3376	-20.2619	-43.3633	6.8126	-35.8986	-46.2769

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
278	AASHTO-II-S	-0.0833	-2.8179	-1.0963	-7.7668	-11.5354	1.7915	-13.3368	-13.9536
279	AASHTO-I	2.3471	-13.9854	-4.6846	-12.8268	-10.3903	-0.1016	-26.0671	-67.6961
279	AASHTO-VB-D	1.1324	-6.4103	-3.7429	1.5805	4.8584	-9.3251	-13.2048	-63.5272
280	AASHTO-II-S	-0.4674	-3.8659	-1.5378	10.7725	15.1854	-6.0662	-78.8891	-62.2389
280	AASHTO-III	-1.6171	-18.2352	-12.2178	19.5372	61.8536	7.8675	-150.7648	-152.8212
281	AASHTO-II-S	0.0583	3.3896	-6.2325	8.8187	-1.2523	5.6992	-87.4359	91.4424
281	AASHTO-VB-B	-6.8303	0.6559	6.2871	18.4746	53.8680	0.4451	-154.2917	179.2569
282	AASHTO-I	-1.4963	-2.9692	-1.3843	-22.3058	-46.4259	-15.6957	-21.9012	80.8685
282	AASHTO-VB-D	0.3326	1.1768	3.4677	-4.9301	-12.0908	-1.5021	-17.0201	76.8682
283	AASHTO-I	-2.2033	-3.3687	-0.6194	-39.7229	-83.4002	-32.5954	-37.1573	66.3901
283	AASHTO-VB-C	-1.2874	1.4191	-0.4736	-19.9754	-37.1750	-12.8906	-17.7788	36.5243
284	AASHTO-I	-3.4089	-2.3625	-2.2576	-45.7737	-120.4700	-45.7641	-57.8673	49.7942
284	AASHTO-VB-C	-1.8341	1.3304	-1.0114	-27.4400	-55.1008	-19.7561	-30.1034	39.0857
285	AASHTO-I	-1.2469	-2.3683	-5.5501	-42.9658	-148.8615	-57.0284	-67.7365	6.0773
285	AASHTO-VB-C	-1.0143	0.8467	-2.4936	-31.4218	-88.4585	-27.7473	-50.7088	8.2387
286	AASHTO-I	-2.3956	-9.1297	-16.9403	15.5250	-116.5457	-23.1570	-335.5316	-150.3743
286	AASHTO-VB-C	-6.5603	-3.4962	-11.2807	-8.2894	-46.7091	-13.8517	-202.1697	-85.2298
287	AASHTO-III	0.9912	0.5864	4.5244	13.9819	-55.5365	-28.7077	97.3219	77.2466
287	AASHTO-II	0.8621	0.4089	5.7739	13.1823	2.2022	-1.8399	43.4606	70.8356
288	AASHTO-I	-1.9482	-1.2228	-1.8468	6.8661	-73.0879	-5.8717	-96.7730	15.8470
288	AASHTO-II-S	-0.5746	-0.5168	-0.3065	2.2269	-16.6411	-0.7556	-14.5184	13.0717
289	AASHTO-I	-1.0834	-4.7070	-2.4793	-3.5505	-64.5806	5.1083	-29.4858	-15.5292
289	AASHTO-II-S	-0.3168	-1.1723	-0.4958	-1.6091	-16.9893	2.0214	-10.6783	-1.8324
290	AASHTO-I	-0.0564	-7.8458	-2.8273	-4.7780	-43.3810	7.6806	-21.0464	-36.6651
290	AASHTO-II-S	-0.0866	-1.7764	-0.6048	-1.5294	-12.0126	3.3699	-7.7957	-11.8886
291	AASHTO-I	1.5518	-10.9276	-2.3711	3.2958	-13.9632	7.4485	-16.5442	-62.8640
291	AASHTO-VB-D	-1.5376	3.0292	-5.4197	7.1286	5.3782	2.8210	-12.9788	-53.7307
292	AASHTO-II-S	0.8544	-2.9286	-0.0426	13.2707	12.9086	4.4587	57.3831	-81.0114
292	AASHTO-III	2.1766	-15.7668	2.2830	28.8441	57.6286	-8.6872	110.9332	-148.9451
293	AASHTO-II-S	0.7214	4.3548	3.6900	11.2101	-5.0804	-24.4752	86.7963	67.5171
293	AASHTO-VB-B	7.2091	5.5705	7.3248	45.3870	54.1192	-6.4783	129.5012	176.4917
294	AASHTO-I	-1.9457	-1.4475	-0.3317	-2.4445	-52.5041	-29.1082	-23.6345	73.7596
294	AASHTO-VB-D	-2.2322	4.5453	3.4591	3.1107	-11.7655	-12.7003	-14.5390	76.3575
295	AASHTO-I	-1.5741	-2.8633	-0.9092	-19.8722	-68.9287	-32.9679	-25.2968	55.3899

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
295	AASHTO-V8-C	-0.9814	2.0158	-0.0155	-6.6552	-39.8426	-14.9179	-12.8228	31.2426
296	AASHTO-I	-1.6300	-3.2578	-2.3228	-17.9528	-123.3546	-36.7341	-50.2966	92.3093
296	AASHTO-V8-C	-0.9258	1.3189	-0.6682	-11.5818	-57.2998	-16.4243	-19.9025	19.8363
297	AASHTO-I	-0.2114	-5.2647	-3.8295	-3.8945	-146.2588	-36.3905	-55.2070	-12.8479
297	AASHTO-V8-C	-0.9143	0.1413	-1.4993	-7.4798	-69.3437	-15.9230	-23.0481	-6.0488
298	AASHTO-I	2.8848	-13.3226	1.3854	18.4848	-105.1418	-46.3084	104.0465	-168.1204
299	AASHTO-V8-C	2.3083	-4.9574	0.4676	10.5684	-41.8622	-31.8185	84.9841	-100.0696
299	AASHTO-I	0.7872	-3.7655	0.0911	2.8256	-45.8480	-16.5564	7.9992	11.7439
299	AASHTO-8-S	0.2366	-0.5819	0.1207	2.0991	-8.8488	-4.5713	8.8759	4.6738
300	AASHTO-I	0.0524	-1.7262	0.0990	4.8019	-60.0901	-8.7243	-5.6877	11.7954
300	AASHTO-8-S	-0.0769	-0.3548	0.2139	2.8735	-15.3144	-2.0951	1.7965	9.7297
301	AASHTO-I	-5.7539	-3.4068	-0.5130	1.7605	-57.8996	0.5987	-14.0133	-12.6090
301	AASHTO-8-E	-0.2130	-0.6924	-0.1236	0.5810	-15.0794	0.5184	-4.8883	-1.1239
302	AASHTO-I	0.1209	-5.2523	-0.8900	0.7404	-40.9141	6.5907	-8.2362	-31.3952
302	AASHTO-8-E	-0.0770	-1.6042	-0.2488	0.6363	-10.9628	2.7532	-3.8301	-8.2104
303	AASHTO-I	-0.2934	-8.8568	0.0571	0.6585	-13.6779	7.8211	13.4482	-46.0871
303	AASHTO-V8-D	-0.0307	5.4704	-3.6715	9.0369	10.5799	4.8788	12.3363	-45.9135
304	AASHTO-I-E	-0.0295	-2.2994	-0.3902	1.9155	4.8792	1.9304	24.9189	-12.5067
304	AASHTO-V8-B	2.8116	2.8291	-2.4216	9.9816	35.1465	3.7143	46.3818	-19.6820
305	AASHTO-I	0.7654	-5.4404	0.2674	-1.9083	-2.6054	-21.2403	33.4535	34.9578
305	AASHTO-V8-D	2.7960	3.2941	2.7784	8.5749	26.2411	-10.2648	41.9118	38.2499
306	AASHTO-I	0.1390	-2.0412	1.3331	-0.7344	-48.8110	-29.1430	5.1576	59.4245
306	AASHTO-V8-D	-0.0817	6.4253	4.1158	4.9467	-8.0823	-12.8479	11.5931	63.3264
307	AASHTO-I	-1.0464	-2.7177	-0.5739	-4.3675	-89.8090	-28.4891	-14.7966	41.3483
307	AASHTO-V8-C	-0.7729	3.2181	0.4362	-2.3352	-40.0072	-13.0015	-8.0677	23.9271
308	AASHTO-I	-0.4514	-3.8590	-1.4025	-5.7363	-122.4222	-27.4330	-17.8643	20.8091
308	AASHTO-V8-C	-0.3797	1.5807	-0.1106	-3.2092	-57.2429	-13.6072	-10.3769	12.5741
309	AASHTO-I	-0.8240	-5.4594	-1.2124	6.2736	-141.5824	-24.9333	3.4982	-11.7575
309	AASHTO-V8-C	-0.7213	1.1231	-0.2714	2.0304	-67.0059	-14.1921	2.0721	-6.7542
310	AASHTO-I	0.4830	-3.0185	-2.1413	2.3047	-160.0615	-19.3968	20.8980	10.0749
310	AASHTO-V8-C	0.2834	2.8398	-1.1028	0.1328	-78.8784	-13.0657	12.7639	6.7756
311	AASHTO-I	0.1432	-3.2432	0.0123	0.9821	-45.1581	-6.7970	2.3626	-3.7731
311	AASHTO-8-S	0.0468	-0.5245	0.0599	0.3226	-8.0493	-1.7553	2.4132	-1.5972
312	AASHTO-I	0.0406	-3.1250	0.3291	0.9667	-65.2878	-4.8475	-0.4935	-5.1411

LARSA 4D

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
312	AASHTO-8-S	-0.0070	-0.3727	0.1195	0.5784	-13.3056	-1.4702	1.1154	0.7548
313	AASHTO-I	-0.0463	-2.3695	0.2762	0.6104	-54.6780	-0.5006	-2.5419	-14.1103
313	AASHTO-8-S	-0.0384	-0.2067	0.0419	0.3101	-14.2531	0.0830	-0.5420	-1.7413
314	AASHTO-I	-0.1227	-2.4440	0.0537	0.7019	-39.6774	2.8705	-0.7995	-24.8841
314	AASHTO-8-S	-0.0378	-0.2911	-0.0650	0.2328	-8.9833	1.4205	-0.3958	-6.7888
315	AASHTO-I	-0.0806	-2.4917	-0.2363	1.0518	-16.5198	4.6683	4.8846	-24.1030
315	AASHTO-V8-D	0.0682	6.2011	-1.8649	1.2665	10.9428	2.7736	4.7581	-28.1184
316	AASHTO-I	-0.0873	-3.3786	-0.3992	-0.3459	-0.0344	1.0929	8.4995	-7.2015
316	AASHTO-V8-B	0.5659	2.9170	-0.8042	1.1686	27.9671	1.5282	11.6370	-6.9730
317	AASHTO-I	0.1716	-3.4788	-0.1255	-1.1968	-10.3477	-8.2689	8.7124	15.3416
317	AASHTO-V8-D	0.5623	5.3477	0.9059	1.2695	20.3598	-4.4462	16.4298	18.2390
318	AASHTO-I	0.0457	-3.5130	0.2238	-0.5466	-46.2213	-13.4086	1.2951	23.3196
318	AASHTO-V8-D	0.2610	6.3462	1.7590	1.0270	-8.2011	-6.5362	6.4103	38.7374
319	AASHTO-I	-0.0769	-2.8698	0.1566	-0.8697	-66.2495	-13.4487	-3.8041	16.4208
319	AASHTO-V8-C	-0.0773	2.3179	0.4699	-0.5466	-36.7450	-6.6718	-2.1579	11.3630
320	AASHTO-I	-0.2079	-3.3640	-0.3036	-0.0098	-121.9135	-12.0050	-3.1172	1.2984
320	AASHTO-V8-C	-0.2021	2.7652	0.1115	-0.2614	-56.7892	-6.1249	-1.9856	3.0347
321	AASHTO-I	-0.1802	-4.4858	-0.6747	1.1787	-144.7152	-6.8233	2.2505	-4.6418
321	AASHTO-V8-C	-0.1456	2.6332	-0.4030	0.3152	-69.5435	-4.2858	1.1099	-2.2523
322	AASHTO-I	0.1369	-7.0539	-1.1435	0.1899	-163.5764	-8.9801	4.9441	2.8945
322	AASHTO-V8-C	0.0783	1.4407	-0.5564	-0.2686	-81.9158	-5.5237	2.8724	1.5071
323	AASHTO-I	0.5188	-7.9399	0.3686	-0.9636	-185.4564	11.7102	-1.7013	10.0758
323	AASHTO-V8-D	0.0667	-17.9636	0.8041	1.2790	-58.8227	1.1070	-3.8515	4.8843
324	AASHTO-I	2.8313	-6.2600	0.9358	-2.2170	-175.4613	33.8638	-15.3523	23.9443
324	AASHTO-V8-D	0.0944	-13.1571	1.5792	5.2203	-56.4408	5.8430	-10.0319	1.9162
325	AASHTO-I	5.9323	14.1726	-7.4443	20.1419	-218.8630	81.1903	-108.0099	231.0512
325	AASHTO-V8-D	-0.6202	-6.0863	5.6789	15.4062	-71.1023	25.7529	-26.6732	29.0186
326	AASHTO-I	1.8406	18.5779	14.2930	19.5865	-243.0443	7.7910	366.9957	259.9630
326	AASHTO-V8-D	22.9558	-3.2643	11.5370	83.2966	-78.0056	15.9089	90.0540	57.7446
327	AASHTO-I	4.2796	11.4587	11.0268	-116.1558	-257.3474	33.1492	307.9127	108.0878
327	AASHTO-V8-D	26.1570	-4.6124	9.4249	85.5836	-81.3039	14.4790	-5.3837	16.2284
328	AASHTO-I	-0.0198	36.6284	10.7665	-236.9196	-313.5641	42.2670	320.8677	179.7803
328	AASHTO-V8-D	34.1735	7.8168	7.9597	134.1328	-108.8072	19.0093	-54.5894	36.3223
331	AASHTO-I	-0.0198	36.6284	-10.7665	-236.9196	-313.5641	-42.2670	-320.8677	179.7803

LARSA 4D

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
331	AASHTO-8-S	-1.1903	17.8472	-1.3834	-118.9579	-148.9544	-11.3371	-157.6851	53.5844
332	AASHTO-I	4.2786	11.4087	-11.0268	-116.1558	-257.3474	-33.1482	-307.3127	106.5876
332	AASHTO-8-S	0.5367	6.3120	-2.3844	-56.1037	-123.3078	-8.8002	-146.4178	35.5415
333	AASHTO-I	1.6406	18.5779	-14.2935	19.8865	-243.0440	-7.7810	-366.8957	259.3625
333	AASHTO-8-S	-0.6025	9.8258	-2.3839	7.5447	-99.8286	-6.0958	-166.3013	124.7879
334	AASHTO-I	5.6523	14.1726	7.4443	20.1419	-218.8530	-61.1963	106.0099	231.0512
334	AASHTO-8-S	2.4678	4.0668	2.2274	11.7195	-66.7414	-23.8366	54.2379	114.6533
335	AASHTO-I	2.6313	-6.2800	-0.8358	-2.2170	-175.4613	-33.9636	15.3523	23.9443
335	AASHTO-8-S	1.0718	-1.0097	-0.1661	-0.3040	-65.8032	-12.0966	9.0812	9.0925
336	AASHTO-I	0.5189	-7.8399	-0.3686	-0.8436	-195.4564	-11.7102	1.7013	10.6758
336	AASHTO-8-S	0.2149	-1.9220	-0.1031	-0.3665	-69.6130	-4.1429	1.2296	3.6301
337	AASHTO-VB-D	-0.4866	1.5318	0.0488	-2.6851	-10.5508	-6.0257	2.8807	10.9049
337	AASHTO-I	0.4134	-1.8992	0.4017	-2.1709	9.6719	-4.9043	-0.4465	-6.2820
338	AASHTO-VB-D	-0.0237	0.8829	0.0592	-2.6736	-3.6630	-3.0680	2.0009	4.2990
338	AASHTO-I	0.4238	-2.4004	-0.5353	-1.0506	12.6822	2.8524	-3.0879	3.9257
339	AASHTO-VB-D	0.2702	0.1377	0.2702	-1.1913	-0.8255	-0.3886	0.5325	0.2483
339	AASHTO-I	-0.4615	-0.6219	-0.8273	1.1429	5.4034	3.0252	2.7916	4.6548
340	AASHTO-VB-D	-2.4611	-0.8997	0.1915	-10.8234	-7.6811	-15.3136	3.0190	-6.4332
340	AASHTO-I	2.1798	-5.2645	0.4872	-6.0208	27.8102	-3.3675	-44.4023	-26.6857
341	AASHTO-VB-D	0.2252	-0.5506	1.0337	-9.6736	-6.7096	-7.3448	9.1389	-3.3274
341	AASHTO-I	1.7255	0.7419	-2.8928	-0.6736	5.3206	12.8515	-16.3017	15.3475
342	AASHTO-VB-E	0.7934	-0.0404	0.1295	-3.4276	-2.7588	-3.2368	-2.7679	-2.6959
342	AASHTO-8-E	-0.5747	0.1112	-0.2658	2.8375	-0.3253	1.3969	1.2930	1.3049
343	AASHTO-IB	1.0901	15.8883	-8.1706	16.5188	-43.6878	42.1545	-146.3775	92.0422
343	AASHTO-8-S	0.5912	4.6802	-2.2677	10.0963	-8.0393	12.9426	-74.0956	54.1762
344	AASHTO-IB	-1.1564	5.2203	0.3629	13.5349	-22.9188	0.2574	21.8686	9.7915
344	AASHTO-8-S	-0.3060	1.0691	0.2888	7.3305	-6.6835	-0.1775	7.6254	5.9636
345	AASHTO-IB	-2.4836	1.0340	0.4877	1.8621	-5.1196	-3.8493	9.3204	-0.9817
345	AASHTO-8-S	-0.5831	0.3116	0.2189	2.2077	-1.6963	-1.4978	2.8374	1.2801
346	AASHTO-IB	4.2487	14.9336	20.3209	19.5239	-39.4368	-90.6283	226.2024	90.9598
346	AASHTO-8-S	0.8186	4.3155	5.9543	11.9675	-8.8236	-32.2927	110.5842	54.1851
347	AASHTO-IB	0.3205	5.0242	7.4079	-6.5758	-20.8276	-41.6871	22.7079	9.4275
347	AASHTO-8-E	0.2645	1.4376	2.3424	-1.5186	-6.6285	-16.5520	13.0248	10.0372
348	AASHTO-IB	0.3123	0.9562	2.6559	-19.2847	-4.6081	-14.3001	5.8333	-1.0330

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
348	AASHTO-8-S	0.3764	0.2750	0.9568	-5.7452	-1.4859	-5.8422	5.0947	1.2779
349	AASHTO-VB-D	7.5017	-4.5016	1.4031	-28.3258	-2.1878	-30.6383	25.3471	-13.1329
349	AASHTO-I	4.0859	-8.5227	9.6492	-43.8990	35.5134	-44.4852	122.1701	-42.1142
350	AASHTO-VB-D	4.9510	0.1102	3.2396	-31.8296	-2.2533	-29.9046	4.4948	-3.7954
350	AASHTO-I	6.3369	-6.7407	9.7136	-56.5560	9.7023	-46.1187	66.8366	9.7298
351	AASHTO-VB-D	3.0236	0.0963	0.6734	-30.8272	-0.9794	-13.9193	-25.9870	-2.2340
351	AASHTO-I	5.6672	0.0511	0.8420	-49.3182	0.9532	-19.3179	12.6833	1.3095
352	AASHTO-VB-D	4.8278	-3.3186	-0.6962	-42.4567	-2.5036	-34.1134	11.4243	-17.8490
352	AASHTO-I	5.0139	-7.2454	9.5497	-103.2730	16.3060	-25.8920	66.5327	-51.3965
353	AASHTO-VB-D	4.7291	-1.5269	0.9966	-40.2274	1.0508	-27.2950	-3.1395	-7.4670
353	AASHTO-I	7.7709	-4.2728	5.4048	-89.1042	15.7764	-25.6741	45.5264	-14.5599
354	AASHTO-VB-D	4.7444	-0.2161	0.5448	-39.5192	0.3711	-13.0240	-30.7679	-1.4590
354	AASHTO-I	11.5899	-6.9693	2.9353	-83.1727	4.0408	-13.7813	12.8918	0.8142
355	AASHTO-VB-D	2.8713	-3.1192	-0.2969	-50.0283	0.5904	-29.8980	-3.4895	-22.8541
355	AASHTO-I	5.7080	-8.5281	2.3010	-122.5215	11.4325	-8.6964	21.5877	-57.4407
356	AASHTO-VB-D	3.7018	-1.4625	-0.6216	-44.3147	2.7256	-22.8942	-14.0437	-8.3486
356	AASHTO-I	8.6652	-3.8378	1.9366	-105.3673	12.4212	-6.5701	14.8918	-20.7089
357	AASHTO-VB-D	5.2747	-0.4056	0.0729	-42.9436	0.9659	-10.6617	-36.3181	-1.3693
357	AASHTO-I	14.5447	-1.0026	0.9070	-101.3363	4.0407	-4.4710	4.8713	-1.6061
358	AASHTO-8-S	1.7571	-2.8902	-0.9183	-50.8542	3.0424	1.8988	-8.3812	-24.9415
358	AASHTO-IB	5.8549	-8.4727	-2.0406	-112.3569	12.3090	2.1624	-22.9121	-52.2305
359	AASHTO-8-S	2.7876	-1.2206	-0.6902	-43.5060	4.3092	2.2610	-7.8805	-8.5276
359	AASHTO-I	8.6652	-3.8378	-1.9366	-105.3673	12.4212	8.5701	-14.8918	-20.7089
360	AASHTO-8-S	4.7984	-0.3041	-0.2939	-41.4716	1.4097	1.2364	-4.9638	-1.0814
360	AASHTO-I	14.5447	-1.0026	-0.9070	-101.3363	4.0407	4.4710	-4.8713	-1.6061
361	AASHTO-8-S	1.3728	-2.1986	-2.2705	-42.4046	5.8529	8.6044	-29.7294	-22.4512
361	AASHTO-IB	4.4908	-7.0746	-7.7599	-94.4859	18.0462	18.4812	-65.4925	-47.1974
362	AASHTO-8-S	2.4048	-1.2762	-1.7467	-36.0123	5.9110	9.1052	-23.8486	-6.4104
362	AASHTO-IB	7.4156	-4.1904	-5.5745	-80.6831	16.2574	20.1064	-44.8136	-12.3453
363	AASHTO-8-S	3.8241	-0.2714	-0.9078	-33.3682	1.9561	4.6667	-9.5116	0.2938
363	AASHTO-IB	11.4890	-0.8679	-2.9468	-74.3146	4.1185	11.1683	-19.7199	1.2486
364	AASHTO-8-S	0.8262	-2.4075	-3.1903	-25.0940	13.8161	16.2116	-54.8871	-17.6540
364	AASHTO-IB	2.8674	-8.1826	-10.0520	-57.3320	37.7032	37.2585	-119.3080	-56.8082
365	AASHTO-8-S	1.8748	-0.2794	-2.8615	-21.2855	4.4279	16.3080	-32.2121	6.1780

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
365	AASHTO-VB-E	-0.1527	-0.6877	-3.6257	-17.1508	11.6321	8.7794	-65.5507	16.7998
366	AASHTO4-S	3.8731	0.0379	-2.7139	-32.1140	0.2264	12.8779	-6.1414	0.9662
366	AASHTO-VB-E	1.7495	-0.6786	-1.8484	-15.1350	1.8648	5.8091	-45.5360	5.0557
367	AASHTO4	1.2004	14.9090	-19.2660	24.3809	-33.8990	92.1287	-260.8481	112.4098
367	AASHTO-VB-E	-11.3122	6.4782	-4.0341	52.0328	14.4439	31.2197	-208.4396	123.3581
368	AASHTO4	0.3123	4.9371	-7.5580	-3.4160	-16.8615	41.8735	-28.4942	16.3131
368	AASHTO-VB-D	-0.0810	1.3788	-3.2485	18.4006	-0.3212	3.8254	-25.8072	27.1063
369	AASHTO4	0.0760	0.9619	-2.7374	-14.5841	-4.4595	14.0794	-12.8564	8.4757
369	AASHTO-VB-D	-1.4406	0.3575	-1.2532	10.3452	-0.2310	-0.9795	-33.1967	6.8043
370	AASHTO4	3.2135	16.0643	9.0348	24.2905	-36.4283	-46.2132	172.1368	113.3999
370	AASHTO-VB-D	9.8198	6.8067	6.9530	44.2054	14.5492	-32.6914	139.8775	106.2692
371	AASHTO4	-1.7215	5.4454	-0.4718	17.9676	-22.0467	-3.1029	-23.2032	15.7415
371	AASHTO-VB-D	-2.9931	2.9454	-0.3060	25.2901	0.6042	-16.3175	-9.2159	29.5913
372	AASHTO4	-2.7205	1.0777	-0.5309	9.0292	-4.9592	2.7403	-9.9055	8.6465
372	AASHTO-VB-D	-2.3158	0.3807	-0.2514	16.9721	0.0326	-5.7678	-18.2349	7.4525
373	AASHTO-E-S	0.8491	-1.4671	-0.2711	-0.9343	10.5353	0.7283	23.8218	-12.1637
373	AASHTO-B	3.8306	-5.4153	-0.5796	-3.7224	31.5701	-0.5191	96.1509	-25.1590
374	AASHTO-E-E	0.5715	0.3529	0.8674	1.6672	2.3687	-0.2049	10.2752	8.1478
374	AASHTO-VB-B	1.0429	1.1973	2.7633	11.5417	12.6811	-17.7322	24.9103	20.3952
375	AASHTO4	-2.4043	0.3587	1.1232	6.6202	-6.7146	-0.0383	-7.9235	2.3780
375	AASHTO-VB-D	-2.2109	0.3178	0.7759	10.8381	2.3449	-7.5712	-6.2890	6.2965
376	AASHTO-E-S	0.1629	-0.5771	-0.1757	-0.6341	5.1881	1.5718	5.1184	-6.6137
376	AASHTO-VB-B	0.7774	-2.5004	-0.3491	0.9582	16.1022	-3.6755	13.4758	-23.8864
377	AASHTO-E-S	0.1463	-0.7457	0.1717	-0.0084	4.8134	-1.5289	2.7953	0.1232
377	AASHTO-B	0.4685	-2.7340	0.7000	-0.4639	14.2573	-3.9673	4.4572	0.5732
378	AASHTO-E-S	-0.1308	-0.1912	0.2660	0.7683	1.3137	-1.2419	0.0780	1.6290
378	AASHTO-B	-0.5495	-0.6916	0.9420	1.4739	3.7781	-3.2867	-2.1160	4.8922
379	AASHTO4	0.5263	-8.1485	-0.5242	0.8512	-206.8598	11.9282	3.1541	5.4813
379	AASHTO-VB-D	0.3708	-18.8353	0.2809	2.1105	-62.8111	-0.0824	-3.8763	0.0452
380	AASHTO4	0.2341	-6.1012	-1.4888	1.9814	-231.7189	5.2985	7.4973	-8.6456
380	AASHTO-VB-D	0.5930	-18.0813	-0.8206	2.7442	-65.7705	-3.4440	-3.7586	13.9521
381	AASHTO-E-S	-0.2189	-3.9094	-1.2333	1.5911	-211.7914	-4.2460	9.3779	-32.2501
381	AASHTO-VB-D	0.3606	-15.5823	-1.8479	2.3181	-63.6644	-7.4222	-2.8359	18.8536
382	AASHTO4	-0.0800	-2.1950	-1.0004	0.8103	-176.7320	-11.5535	9.3703	-30.8239

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
382	AASHTO-VB-D	0.2387	-11.8819	-2.3510	1.4241	-58.7395	-10.3275	-1.5809	17.8268
383	AASHTO4	-0.4230	-1.0323	-0.6873	2.3701	-124.0139	-16.3541	-1.9851	-40.5958
383	AASHTO-VB-D	0.0284	-7.9219	-2.7483	0.8994	-46.0005	-12.1999	-1.1130	17.0914
384	AASHTO4	-0.4246	-0.3180	0.3962	2.2767	-66.4915	-19.2981	-10.2349	-99.3260
384	AASHTO-E-S	-0.1859	0.0314	0.0837	0.8724	-31.8411	-8.4703	-3.8126	-22.8089
385	AASHTO-VB-B	-0.6896	0.1477	-1.1592	-1.6696	-23.5024	-13.2139	-0.3124	10.3660
385	AASHTO-E-S	-0.0219	-1.2996	0.5766	0.0002	-8.0674	-5.4989	-9.0139	-21.5295
386	AASHTO4	2.4393	-1.8015	-2.7614	5.4052	-219.1369	31.3049	10.2947	46.0051
386	AASHTO-VB-D	3.2088	-13.7699	0.4751	10.6952	-66.7028	1.8954	-10.0863	9.0536
387	AASHTO4	-0.1379	-1.4031	-2.4382	7.4781	-235.9186	6.2641	40.2326	3.7693
387	AASHTO-VB-D	2.6899	-12.4172	-2.7455	12.5492	-68.5159	-8.9186	-8.1609	8.6378
388	AASHTO4	-0.7233	-2.0997	-1.8283	2.7360	-220.6640	-12.7615	41.8021	-40.7189
388	AASHTO-VB-D	1.3804	-10.5093	-4.5123	5.1620	-65.0577	-17.4019	-2.5294	5.1484
389	AASHTO4	-0.7996	-3.3036	-0.9187	5.4327	-180.5898	-27.4875	52.4053	-79.9770
389	AASHTO-VB-D	0.5405	-8.5940	-5.3280	5.3309	-67.1216	-23.3468	9.3072	-0.7117
390	AASHTO4	-0.4110	-4.9609	-0.2976	2.7990	-121.8370	-35.3235	12.3729	-112.2112
390	AASHTO-VB-D	0.6592	-7.0162	-5.5128	2.4215	-45.1956	-29.3980	0.8649	-7.5498
391	AASHTO4	-1.7943	-6.1191	-0.8988	14.0022	-62.4128	-33.1682	-33.8941	-133.0008
391	AASHTO-VB-C	-1.1830	-4.8982	-2.3774	7.1871	-25.8947	-20.0859	-16.2969	-56.5930
392	AASHTO-VB-B	-3.4456	-0.8157	-3.5923	-5.7128	-22.8616	-29.7303	-8.9053	-16.0082
392	AASHTO4-S	-0.3368	-0.8010	1.1049	3.3783	-6.7846	-21.2864	-39.6824	-47.1921
393	AASHTO4	0.2286	7.1030	-1.4359	19.6927	-261.3105	34.2498	79.5916	89.6360
393	AASHTO-VB-D	7.6009	-8.5909	-0.6813	33.8206	-77.2114	-0.1113	-9.9488	16.7791
394	AASHTO4	-0.3543	2.8615	-0.4321	0.1258	-267.5727	-1.0109	97.0139	8.2718
394	AASHTO-VB-D	5.1301	-7.7901	-4.3556	28.6559	-77.1243	-15.8307	-4.1749	12.2576
395	AASHTO4	-1.7883	-0.1926	0.1791	-10.9378	-243.4838	-24.3185	90.1954	-92.5531
395	AASHTO-VB-D	2.5580	-6.3798	-6.2762	17.4252	-71.6879	-26.6705	2.8307	5.0173
396	AASHTO4	-2.2009	-3.5213	1.8816	-14.7522	-194.2561	-38.8324	73.7543	-153.4495
396	AASHTO-VB-D	0.6862	-5.3932	-6.4254	8.0371	-60.9686	-33.3332	8.0537	-6.4068
397	AASHTO4	-1.1614	-7.8375	3.4613	-9.8488	-124.7508	-44.8321	50.5087	-150.0714
397	AASHTO-VB-D	-0.0010	-6.5574	-5.8228	0.7791	-45.4223	-35.8781	9.6102	-18.3828
398	AASHTO-VB-B	2.0409	-7.4016	-5.4561	-2.0006	-31.6888	-36.4985	9.1138	-58.2160
398	AASHTO-VB-C	1.8532	-9.4140	-0.1447	1.9720	-14.3502	-25.1754	9.1306	-67.5984
399	AASHTO-VB-D	-6.9034	-8.5801	-12.1453	-11.8388	11.6294	-26.8563	-17.7210	-62.5294

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
399	AASHTO-I	1.0404	-25.3806	-6.3399	99.9845	124.1838	4.1991	-166.8223	-954.4131
400	AASHTO-I	2.3679	11.0440	6.9248	-19.7448	-293.9411	-5.9005	195.7900	102.6279
400	AASHTO-V8-D	12.4838	-4.2415	0.0170	95.9520	-87.0596	-8.7095	-5.3178	27.7526
401	AASHTO-I	0.0314	5.4366	3.0271	-39.0631	-302.1843	-17.5273	170.6829	1.9974
401	AASHTO-V8-D	8.7277	-5.6998	-5.9283	42.1209	-86.4790	-26.8351	0.8481	21.0499
402	AASHTO-I	-3.3935	2.2214	3.6951	-50.4087	-270.7909	-36.0377	149.6808	-73.5114
402	AASHTO-V8-D	2.8990	-2.0155	-7.4607	22.8962	-80.4037	-39.9665	12.6363	9.5013
403	AASHTO-I	-4.7357	-3.4427	6.9663	-53.5847	-229.5840	-48.1168	120.9013	-130.8723
403	AASHTO-V8-D	-0.4911	-2.3028	-8.2193	4.7266	-85.2956	-45.8716	20.7710	-6.7535
404	AASHTO-I	-2.9963	-6.1993	9.3520	-45.6163	-129.2467	-49.5126	97.8959	-175.7267
404	AASHTO-V8-D	-0.4582	-5.5977	-4.6570	-7.5416	-85.8717	-45.4835	23.7238	-24.0100
405	AASHTO-I	1.2948	-15.8325	12.1420	-28.9867	-28.4424	-47.8197	94.8854	-231.8271
405	AASHTO-V8-C	1.0285	-10.5389	9.2599	-14.7466	-12.5139	-32.7191	48.4465	-109.5799
406	AASHTO-V8-D	11.1442	-8.5114	-4.7441	6.8291	16.8181	-56.9306	82.9346	-71.3954
406	AASHTO-I	-1.4515	-27.7953	22.7520	95.1952	131.9764	-62.1904	296.3476	-374.4795
407	AASHTO-I	7.3558	11.5464	9.2983	-116.8709	-319.7348	3.8958	300.3668	88.0244
407	AASHTO-V8-D	23.1087	-1.8851	-0.9528	95.4323	-102.3627	-12.6723	-4.3057	35.8811
408	AASHTO-I	1.0892	10.7349	7.1288	-118.9936	-341.9903	-26.6733	281.7360	-18.8772
408	AASHTO-V8-D	11.9006	1.6368	-8.0513	59.0231	-164.5679	-45.4107	9.2680	31.5810
409	AASHTO-I	-6.0152	1.9257	6.8879	-119.9901	-301.3240	-50.7211	216.2856	-115.2441
409	AASHTO-V8-D	1.4432	1.8130	-7.8048	22.2022	-90.6396	-46.7017	28.8014	11.8814
410	AASHTO-I	-8.2114	-3.4090	13.3459	-117.7847	-222.9582	-57.5171	161.5576	-172.5956
410	AASHTO-V8-D	-2.7841	0.7313	-4.3677	-10.0037	-67.8467	-51.5744	56.6477	-12.4613
411	AASHTO-I	-4.3716	-13.2162	16.2924	-103.8221	-132.7369	-50.2799	123.6903	-194.5874
411	AASHTO-V8-D	-1.8703	-3.4732	-2.1998	-26.4134	-46.0582	-54.1783	37.6854	-31.8363
412	AASHTO-I	-2.1827	-15.1468	16.0319	-74.9699	-44.8278	-45.8998	137.1116	-196.4615
412	AASHTO-V8-C	-0.1643	-8.1438	7.0990	-36.5045	-22.0998	-33.9413	70.1687	-93.1114
413	AASHTO-V8-B	5.8597	-4.7551	-1.8330	-33.3093	-14.6781	-45.2811	95.7199	-43.7190
413	AASHTO-4-S	0.0615	-5.2021	5.2407	-41.2219	2.2494	-22.0382	101.5560	-77.7282
414	AASHTO-I	9.2861	34.3716	16.8495	-245.1818	-378.7119	18.5510	391.7603	110.1309
414	AASHTO-V8-D	33.9051	7.4987	-3.4979	127.2902	-124.7621	-17.9471	-10.6925	48.4919
415	AASHTO-I	0.2261	13.6073	12.8867	-235.0483	-402.3339	-22.9623	393.0899	-62.0774
415	AASHTO-V8-D	13.2147	7.2636	-11.4484	83.2672	-133.0490	-67.6779	25.8760	30.4733
416	AASHTO-I	-12.8863	9.3569	20.9378	-224.8831	-339.5809	-60.1849	301.6992	-205.3965

LARSA 4D

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
416	AASHTO-V8-D	-4.4853	9.1448	-4.1497	7.3075	-100.7305	-94.3290	58.5947	-4.1269
417	AASHTO-I	-8.7058	-23.3677	27.8360	-204.7320	-230.0762	-58.5826	176.1002	-260.1194
417	AASHTO-V8-D	-5.1340	-6.3816	2.7485	-46.7249	-85.1309	-74.8134	90.7394	-45.1578
418	AASHTO-I	0.4310	-22.8603	16.4085	-167.5418	-130.6626	-41.8256	102.3601	-213.4394
418	AASHTO-V8-D	0.5674	-6.8653	-2.0714	-50.0945	-95.3059	-55.3542	42.5241	-48.8200
419	AASHTO-I	0.9585	-19.6863	11.2089	-137.5898	-56.1575	-28.0124	88.8156	-163.8490
419	AASHTO-V8-D	1.8859	-5.6812	-3.4547	-49.5290	-26.9503	-46.5662	31.4855	-43.6715
420	AASHTO-V8-B	3.9588	-5.7895	-2.8354	-59.5715	-13.2307	-42.3839	91.8770	-44.9327
420	AASHTO-4-S	1.8418	-8.8796	5.7353	-77.0827	-2.1334	-15.3323	54.8272	-69.8899
421	AASHTO-I	-3.4844	-95.4869	84.5249	-360.0206	-364.4964	-40.8242	420.3174	-599.0508
421	AASHTO-V8-D	-11.7027	-33.4083	19.5066	-40.8254	-124.8584	-126.8403	107.8654	-195.7685
424	AASHTO-I	10.7026	-51.9799	15.5951	-277.7776	-215.9802	-30.3939	91.2636	-326.0724
424	AASHTO-V8-D	5.1144	-17.6807	-1.8083	-107.1862	-76.4844	-59.1179	42.8953	-102.1479
425	AASHTO-I	5.1254	-31.7903	6.7698	-213.8440	-125.6302	-16.3052	40.0962	-226.4615
425	AASHTO-V8-D	1.9312	-10.6271	-4.8060	-79.9777	-49.6860	-47.3087	31.3747	-77.0589
426	AASHTO-I	3.8038	-21.0467	4.3581	-171.9605	-87.1227	-10.5531	50.4547	-162.1851
426	AASHTO-V8-D	1.8766	-7.0947	-5.1394	-67.2054	-26.3238	-41.4351	16.4318	-57.8156
427	AASHTO-V8-B	2.5580	-5.8244	-3.8645	-74.8408	-11.7159	-36.7886	8.4267	-52.9524
427	AASHTO-V8-C	3.0246	-8.3779	5.2323	-75.8776	-5.3181	-14.2514	12.8563	-54.5289
430	AASHTO-I	-3.4844	-95.4869	84.5249	-360.0208	-364.4964	40.8242	-420.3174	-599.0508
430	AASHTO-4-S	-1.3889	-34.8231	-24.0180	-158.9458	-107.9640	5.8304	-156.7774	-232.4351
431	AASHTO-I	10.7026	-51.9799	-15.5951	-277.7776	-215.9802	30.3939	-91.2636	-326.0724
431	AASHTO-4-S	3.3542	-17.8059	-6.0361	-112.7373	-83.5466	9.1067	-23.4706	-130.9555
432	AASHTO-I	5.1254	-31.7903	-6.7698	-213.8440	-125.6302	16.3052	-40.0962	-226.4615
432	AASHTO-4-S	1.5462	-10.6205	-2.7719	-87.5191	-55.5891	4.8059	-14.7100	-92.6578
433	AASHTO-I	3.8038	-21.0467	-4.3581	-171.9605	-87.1227	10.5531	-50.4547	-162.1851
433	AASHTO-V8-D	0.7298	-7.0497	-5.1679	-72.6467	-26.8267	-33.4267	-7.9345	-74.3003
434	AASHTO-I	4.5870	-13.7101	-2.8515	-143.9859	-11.2241	6.4487	-26.5483	-105.9651
434	AASHTO-V8-C	2.4918	-8.2019	-3.2648	-76.7062	-4.0865	-5.3254	-16.2045	-57.1898
435	AASHTO-I	9.2861	34.3716	-16.8495	-245.1818	-378.7119	-18.5510	-391.7603	110.1309
435	AASHTO-4-S	1.3338	16.7010	-4.8902	-118.1116	-167.1737	-2.5157	-173.4476	23.7994
436	AASHTO-I	0.2261	13.6073	-12.8867	-235.0483	-402.3339	22.9623	-393.0899	-62.0774
436	AASHTO-4-S	-1.6365	7.5489	-4.5797	-110.2757	-169.8057	9.6253	-161.7813	-39.1825
437	AASHTO-I	-12.8863	9.3569	-20.9378	-224.8831	-339.5809	60.1849	-301.6992	-205.3965

LARSA 4D

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
437	AASHTO-8-E	-5.5983	5.0522	-7.8178	-89.2950	-142.8148	21.1926	-118.6777	-89.9958
438	AASHTO-I	-9.7554	-23.3677	-27.8360	-204.7325	-230.0762	59.5926	-178.1002	-260.1194
438	AASHTO-8-E	-4.0405	-7.2598	-10.2704	-86.1477	-99.6929	19.6695	-68.4843	-107.1219
439	AASHTO-I	0.4310	-22.8603	-16.8095	-167.3418	-130.8628	41.9298	-102.3801	-213.4394
439	AASHTO-8-E	-0.2290	-7.2334	-6.1602	-69.8583	-58.3185	13.9901	-39.3020	-68.4998
440	AASHTO-I	0.8595	-16.6863	-11.0569	-137.5868	-58.1575	28.0124	-68.6156	-163.5480
440	AASHTO-WB-D	-1.3214	-5.2268	-3.1.0529	-62.8095	-26.8400	-25.4837	-36.4782	-90.2962
441	AASHTO-8	0.6823	-5.0403	-3.8139	-63.8478	-5.6883	9.2059	-45.1523	-59.4505
441	AASHTO-WB-D	-2.1031	-3.1827	-6.1590	-51.1089	2.3707	-22.2645	-46.8525	-57.3489
442	AASHTO-I	7.3039	11.5484	-9.2983	-116.6709	-319.7348	-3.8068	-300.3868	88.0244
442	AASHTO-8-S	1.8254	6.0071	-1.8206	-67.5221	-141.7900	1.8717	-138.8588	29.2148
443	AASHTO-I	1.0892	10.7349	-7.1268	-116.9838	-341.9803	26.6753	-261.7360	-18.8772
443	AASHTO-8-S	-0.4447	5.8682	-1.7151	-66.9218	-147.2900	12.8095	-113.1954	-14.6613
444	AASHTO-I	-6.5152	1.9267	-8.9679	-119.8601	-301.5240	50.7211	-216.2856	-115.2441
444	AASHTO-8-S	-3.0758	2.2454	-2.9954	-53.4466	-129.4081	20.3454	-98.9290	-52.4128
445	AASHTO-I	-8.2114	-3.4090	-13.3458	-117.7847	-222.8552	57.5171	-161.5675	-172.5856
445	AASHTO-8-S	-3.5045	0.0399	-4.8088	-51.9468	-87.0854	21.8276	-64.4967	-73.8982
446	AASHTO-I	-4.3718	-13.2162	-16.2824	-103.9221	-132.7369	50.2798	-123.6903	-194.5874
446	AASHTO-8-S	-1.9917	-3.6365	-5.8778	-44.9070	-60.2894	17.9137	-46.0237	-82.0197
447	AASHTO-I	-2.1627	-15.1468	-16.0319	-74.0696	-44.8278	45.8586	-137.1116	-196.4515
447	AASHTO-WB-C	-1.5981	-8.6494	-12.2562	-38.8452	-21.2817	14.3408	-80.2704	-117.3022
448	AASHTO-8	-0.7466	-2.8722	-5.4471	-34.7305	-0.5288	13.8634	-64.5825	-89.0374
448	AASHTO-WB-D	-6.0767	-0.2418	-10.4847	-27.1102	12.2988	-17.5215	-86.7594	-89.1420
449	AASHTO-I	2.3679	11.0440	-6.9246	-19.7448	-295.8411	0.8003	-193.7900	102.8278
449	AASHTO-8-S	0.8043	4.1834	-1.2044	-12.3104	-127.1926	2.5941	-90.6911	47.1796
450	AASHTO-I	0.0314	5.4366	-3.0271	-59.0631	-302.1643	17.5273	-170.6829	1.0974
450	AASHTO-8-E	-0.2569	2.8536	-0.4046	-20.7585	-131.8009	9.5962	-75.2783	-0.2646
451	AASHTO-I	-3.3855	2.2214	-3.6951	-50.4067	-270.7909	38.3377	-148.6808	-75.5114
451	AASHTO-8-S	-1.5950	1.9404	-1.0066	-24.7049	-118.4785	16.5090	-62.7148	-33.0038
452	AASHTO-I	-4.7337	-3.4427	-6.6663	-53.3647	-209.5840	49.1188	-120.6013	-130.4723
452	AASHTO-8-E	-2.1159	-0.0397	-2.3110	-24.5674	-93.0096	19.8485	-48.4138	-56.4729
453	AASHTO-I	-2.8993	-9.1663	-9.3520	-45.8163	-129.2457	49.5126	-97.8959	-175.7267
453	AASHTO-8-S	-1.4858	-2.0530	-3.3941	-19.8840	-60.0828	18.7728	-39.5779	-74.6466
454	AASHTO-I	1.2949	-16.9325	-12.1620	-26.8467	-28.4424	47.8187	-84.6854	-231.8271

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
454	AASHTO-WB-C	1.2594	-10.2585	-9.8468	-12.5831	-11.2670	17.0836	-54.9625	-140.9837
455	AASHTO-8-S	-1.3822	-7.9796	-7.7280	15.7718	44.3474	29.6006	-129.5958	-159.3914
455	AASHTO-8	-3.8365	-27.8237	-25.5255	37.3967	134.5074	61.8993	-299.7308	-366.8533
456	AASHTO-I	0.2086	7.1050	1.4309	16.8827	-261.3105	-34.2466	-79.5915	88.8390
456	AASHTO-8-S	0.1373	2.5913	0.6187	7.2662	-113.6497	-6.7995	-33.5088	44.0394
457	AASHTO-I	-0.3543	3.8915	0.4321	5.1256	-267.5727	1.0109	-97.9135	8.2718
457	AASHTO-8-S	-0.1480	1.6469	0.4119	-1.7759	-118.4227	2.7911	-41.8472	4.7994
458	AASHTO-I	-1.7883	-0.1926	-0.1791	-10.9373	-243.4838	24.3195	-90.1954	-52.0531
458	AASHTO-8-S	-0.9006	0.8410	0.0816	-6.4923	-108.4246	11.3621	-36.3305	-22.8356
459	AASHTO-I	-2.2006	-5.3213	-1.8016	-14.7522	-194.2591	56.8324	-73.7543	-103.4495
459	AASHTO-8-S	-1.0519	-0.1242	-0.8514	-7.5426	-87.8712	16.3435	-30.8748	-44.7491
460	AASHTO-I	-1.1614	-7.8375	-3.4613	-8.5499	-134.7508	44.8321	-50.3007	-150.0714
460	AASHTO-8-S	-0.7305	-1.8146	-1.3931	-4.4793	-68.7774	18.2493	-20.9123	-64.2414
461	AASHTO-I	1.3592	-13.9898	-2.8111	4.2105	-31.6885	40.1580	-16.7572	-209.2898
461	AASHTO-WB-C	0.5178	-7.6795	-3.8539	5.2277	-13.0905	15.4044	-8.4997	-126.4604
462	AASHTO-8-S	0.8175	-7.1163	0.9259	18.6211	41.2642	2.7134	86.4709	-151.4647
462	AASHTO-8	3.3583	-25.1698	3.8935	42.8736	127.7113	-11.0587	180.5319	-348.1538
463	AASHTO-I	2.4393	-1.8015	2.7614	5.4052	-219.1369	-91.5049	-10.2947	46.0051
463	AASHTO-8-S	0.7436	0.1712	0.9566	3.3599	-100.3449	-10.2319	-1.8429	21.2870
464	AASHTO-I	-0.1379	-1.4231	2.4362	7.4781	-230.9186	-8.2841	-40.2326	3.7923
464	AASHTO-8-S	-0.0862	0.2539	0.8683	2.7565	-106.8084	-1.8090	-16.2685	2.4527
465	AASHTO-I	-0.7233	-2.0997	1.8283	2.7360	-220.8040	12.7615	-41.8021	-40.7188
465	AASHTO-8-S	-0.3125	0.1365	0.6409	0.3960	-99.7672	6.3408	-17.7248	-17.5362
466	AASHTO-I	-0.7996	-0.3039	0.9187	0.4527	-180.5898	27.4876	-32.4053	-79.9770
466	AASHTO-8-S	-0.4021	-0.2209	0.2219	-0.4495	-82.4769	11.9182	-13.9413	-34.8725
467	AASHTO-I	-0.4110	-4.8926	0.2876	2.7990	-121.8370	35.3235	-12.3728	-112.2112
467	AASHTO-8-S	-0.3306	-0.7695	-0.1443	0.9672	-57.2463	15.0427	-5.8974	-48.0173
468	AASHTO-I	-1.7843	-6.1191	0.0866	14.5032	-52.4126	33.1952	33.8941	-133.0008
468	AASHTO-WB-D	-0.0035	2.5455	-6.0018	5.6105	-21.7098	5.5318	24.7230	-66.0780
469	AASHTO-I	-0.5047	-1.1288	-1.5557	4.3939	-8.7104	32.9126	56.8046	-72.3858
469	AASHTO-WB-D	3.0019	0.3991	-4.8169	9.2221	8.9378	2.5521	48.4367	-55.5061
470	AASHTO-I	0.5263	-8.1485	0.5242	0.6513	-206.8598	-11.9282	-3.1341	5.4813
470	AASHTO-8-S	0.1912	-1.8636	0.2540	0.4050	-96.8869	-4.3185	-0.5724	2.1830
471	AASHTO-I	0.2341	-6.1012	1.4856	1.9614	-221.7186	-5.2965	-7.4973	-8.5468

RESULT ENVELOPE :Plate Forces on Center @ Moment Myy (m-ton-m/m)

Plate	Result Case	Membrane Force Fxx (m-ton/m)	Membrane Force Fyy (m-ton/m)	In-Plane Shear Fxy (m-ton/m)	Moment Mxx (m-ton-m/m)	Moment Myy (m-ton-m/m)	Torsion Mxy (m-ton-m/m)	Shear Qx (m-ton/m)	Shear Qy (m-ton/m)
471	AASHTO-8-S	0.0477	-1.1200	0.5244	0.8715	-101.6462	-1.4625	-2.7056	-3.2910
472	AASHTO-I	-0.2169	-3.8094	1.3333	1.5911	-211.7914	4.2460	-9.3779	-32.2501
472	AASHTO-8-S	-0.0853	-0.3739	0.4385	0.4734	-96.4611	2.2568	-5.9625	-13.7425
473	AASHTO-I	-0.0800	-2.1950	1.0004	0.9103	-176.7320	11.5535	-6.3703	-53.6229
473	AASHTO-8-S	-0.0801	0.1578	0.2828	0.2035	-60.8226	5.0660	-2.9297	-23.9126
474	AASHTO-I	-0.4830	-1.8323	0.6873	2.3701	-134.5139	16.0541	1.8651	-65.5956
474	AASHTO-8-S	-0.1613	0.4020	0.1012	0.7892	-57.4764	6.8858	0.3995	-30.1088
475	AASHTO-I	-0.4246	-0.3180	-0.3862	2.2767	-66.4815	19.0691	10.2249	-56.3050
475	AASHTO-VB-D	0.0950	3.2631	-2.5966	1.0170	-28.5240	3.1998	7.5541	-66.1253
476	AASHTO-I	-0.0367	-1.8373	-0.8078	-0.1467	-14.8307	14.8381	13.2190	-33.4043
476	AASHTO-VB-D	0.6169	-5.7605	-1.7992	1.2853	2.8838	0.6098	12.4061	-47.1968

DISEÑO DE PILA INTERMEDIA TRAMO RECTO

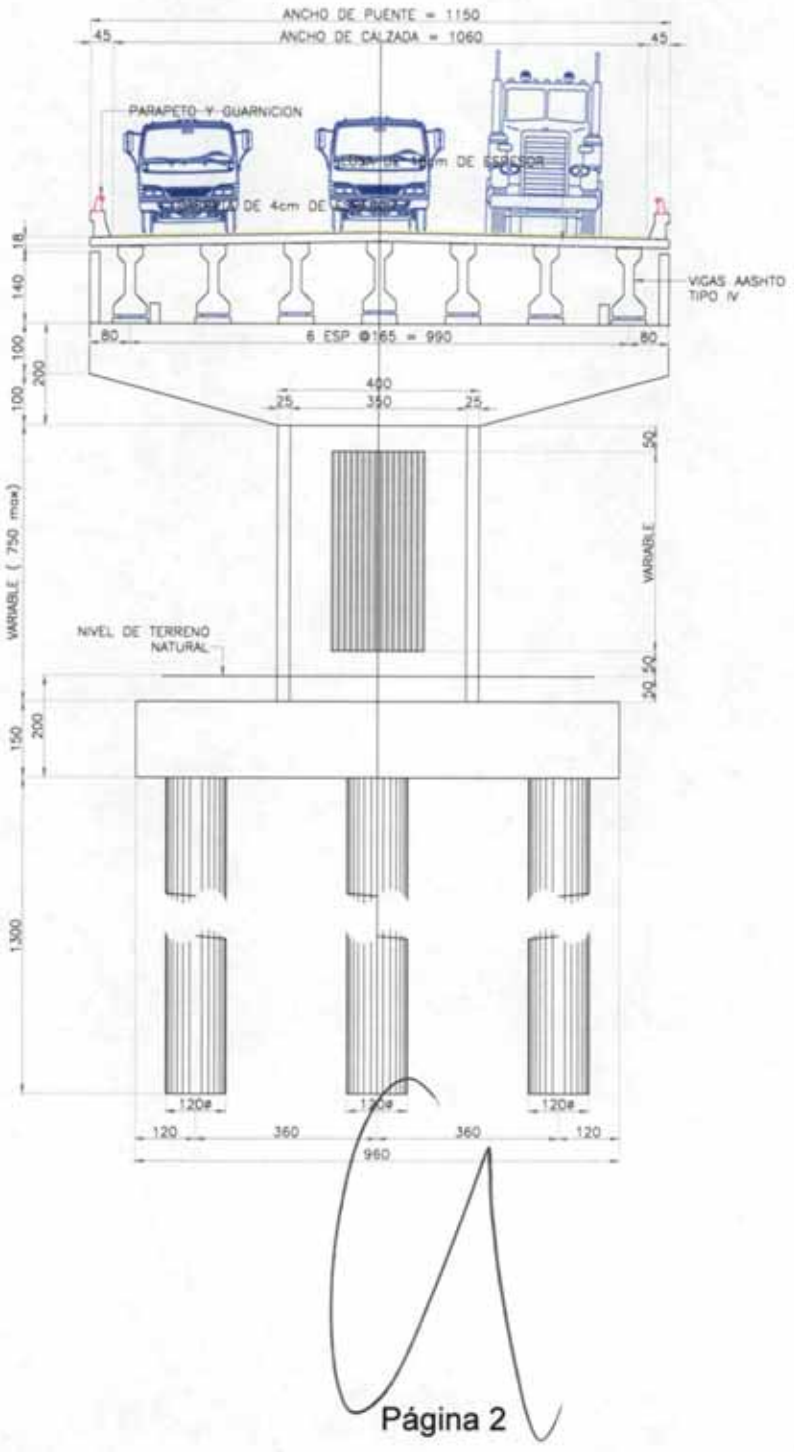
EJE 90

DISTRIBUIDOR JT

A1

1. Geometría de la pila

Se propone la siguiente pila, tal y como se muestra en el siguiente diagrama:



2. Cargas sobre la pila

2.1 Cargas muertas

La carga muerta proveniente de la superestructura es igual a:

DL = 514.4 Ton

2.2 Cargas Vivas

La carga viva para la pila es igual a:

$V_{T3S2R4\text{-}28m}$= 48.5 Ton

Para 2 bandas de circulación:

LL = 48.5 Ton × 2 bandas × 2 claros = 194 Ton
$M_{LLTRANS}$ = 2.35 × 194 = 455.9 Ton-m

Para 3 bandas de circulación:

LL = 0.9 × 48.5 Ton × 3 bandas × 2 claros = 261.9 Ton
$M_{LLTRANS}$ = 0.85 × 261.9 = 222.6 Ton-m

Estas cargas se deberán de aumentar en un 22% para incluir los efectos de impacto donde apliquen.

2.3 Fuerzas longitudinales

De acuerdo al reglamento del AASHTO en su inciso 3.9, se deberá localizar una fuerza longitudinal igual al 5% del valor de la carga viva, actuando a una altura de 1.80 m por encima de la rasante.

LF = 291 Ton × 0.05 = 14.6 Ton

Esta fuerza se aplica a una altura igual a 3.76 m por encima del nivel de la corona.

2.4 Fuerzas Centrífugas

Esta parte del puente NO se localiza en curva, por lo que no existe ninguna fuerza centrífuga.

2.5 Viento en estructura

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar la presión del viento actuando en la estructura con una velocidad de diseño de 194 km/hr igual a :

W transversal = 50 psf × $\left(\frac{194}{160}\right)^2$ = 73.51 psf = 0.36 T/m2

W longitudinal = 12 psf × $\left(\frac{194}{160}\right)^2$ = 17.64 psf = 0.087 T/m2

Por el viento transversal:

Ptrans = 0.36 Ton/m2 × 28 × 2.55 = 25.7 Ton

Por el viento longitudinal:

Plong = 0.087 Ton/m2 × 28 × 2.55 = 6.2 Ton

Esta fuerza se aplica a una altura igual a 1.65 m por encima del nivel de la corona.

2.6 Viento en carga viva

De acuerdo al reglamento del AASHTO en su inciso 3.15.2.1.3 para puentes a base trabes, y teniendo un claro menor de 38.1 m, se puede estimar el viento actuando en la carga viva:

W transversal = 100 lb/ft × $\left(\frac{194}{160}\right)^2$ = 147 lb/ft

W longitudinal = 40 lb/ft × $\left(\frac{194}{160}\right)^2$ = 59 lb/ft

Por el viento transversal:

Ptrans = 0.22 Ton/m × 28 m = 6.2 Ton

Por el viento longitudinal:

Plong = 0.09 Ton/m × 28 m = 2.5 Ton

Esta fuerza se aplica a una altura igual a 3.76 m por encima del nivel de la ménsula.

2.7 Fuerzas Sísmicas

El puente se encuentra localizado en la zona sísmica B y el terreno en el que se pretende desplantar será considerado como un terreno Tipo II. El puente se considera como una estructura importante.

La fuerza sísmica se puede estimar como:

$$S = 1.5 \times \frac{CW}{Q}$$

Donde:

C = Ordenada del espectro de respuesta de diseño, el cuál para una estructura en la zona sísmica B y suelo Tipo II, y período de vibración entre 0.3 y 1.5 s es igual a 0.30

Q = Factor de comportamiento, que para la fuerza producida por la masa de la superestructura es igual a 4.0 y para la fuerza producida por la subestructura es igual a 2.0

W = Peso de la estructura y subestructura.

Sin embargo la relación $\frac{C}{Q}$ debe ser mayor que 0.08, por lo que se tomará un valor mínimo de C=0.3

Substituyendo obtenemos que la fuerza sísmica que se deberá aplicar en el sentido transversal y longitudinal.

$$S_{trans} = 1.5 \times 0.3 \times \left(\frac{514.4}{4} + \frac{179}{2} \right) = 98.1 \text{ Ton}$$

$$S_{long} = 1.5 \times 0.3 \times \left(\frac{514.4}{4} + \frac{179}{2} \right) = 98.1 \text{ Ton}$$

Esta fuerza se aplica a una altura igual a 0.89 m por encima del nivel del cabezal.

2.8 Combinaciones de carga

Se probarán las siguientes combinaciones de carga a fin de encontrar las máximas solicitaciones en la estructura:

AASHTO I	1.3 (D + 1.67 L + CF)
AASHTO II	1.3 (D + W)
AASHTO III	1.3 (D + L + 0.3W + W_{LL} + LF + CF)
AASHTO VII-a	1.3 (D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-b	1.3 (D + 0.30EQ_{TR} + EQ_{LON})
AASHTO VII-c	1.3 (0.75D + EQ_{TR} + 0.30EQ_{LON})
AASHTO VII-d	1.3 (0.75D + 0.30EQ_{TR} + EQ_{LON})

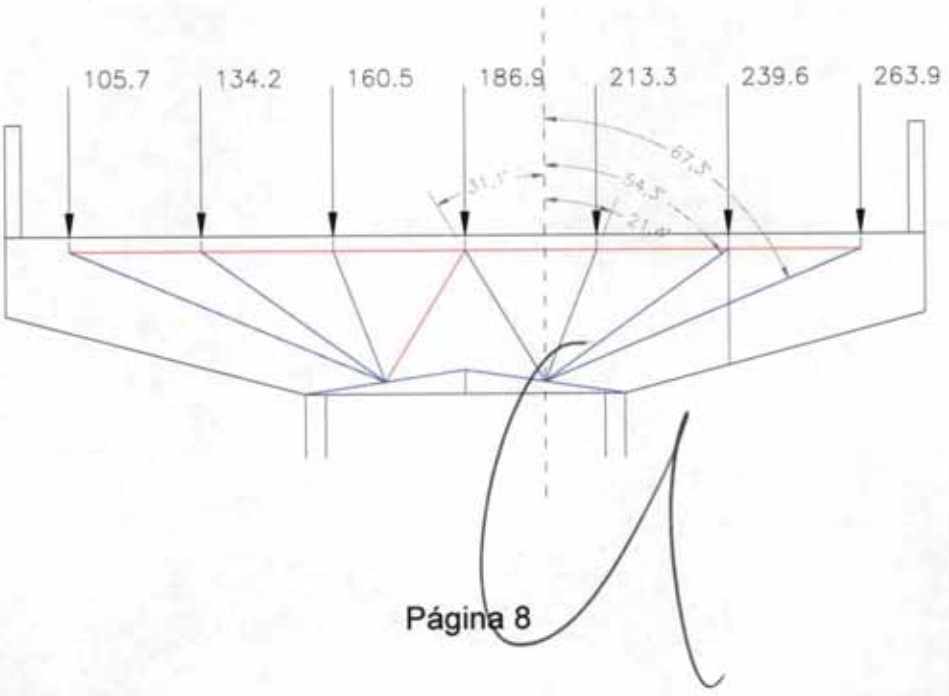
3. Diseño de cabezal

3.1 Sección Propuesta

Se propone la siguiente sección transversal para fines de diseño:

3.2 Diseño a flexión

I Para analizar el cabezal se utilizará el método del strut and tie, por lo que la distribución de fuerzas en el cabezal queda de la siguiente manera:



Resolviendo la armadura se obtiene que las máximas fuerzas de tensión y compresión son:

C1 = 683.8 Ton
T3 = 1047.9 Ton

El esfuerzo en el miembro C1 es igual

$$\sigma c = \frac{683800}{40 \times 140} = 122.1 \text{ kg/cm2}$$

Por lo que usando concreto f'c= 350 kg/cm2, se obtiene que:

$\sigma c = 122.1 \text{ kg/cm2} = 0.35 f'c < 0.5f'c$

$\therefore$ La resistencia del concreto es adecuada

El área de acero requerida en la parte superior es igual a:

$$As = \frac{Tu}{\phi fy} = \frac{1047.9}{0.85 \times 4.2} = 293.5 \text{ cm2}$$

$\therefore$ Colocar 293.5 cm2 de acero de refuerzo en la parte superior por flexión

3.3 Diseño a cortante

La resistencia del concreto a cortante está dada por la siguiente expresión:

$$\phi Vc = 0.85 \times 0.53 \times \sqrt{350} \times bw \times d$$

Donde:

bw = 140

d = 165.3 – 18.5 = 145

$\phi Vc = 0.85 \times 0.53 \times \sqrt{350} \times 140 \times 145 = 171.1$ Ton

El cortante último es igual a 479.9 Ton, por lo que requerimiento de acero es igual a:

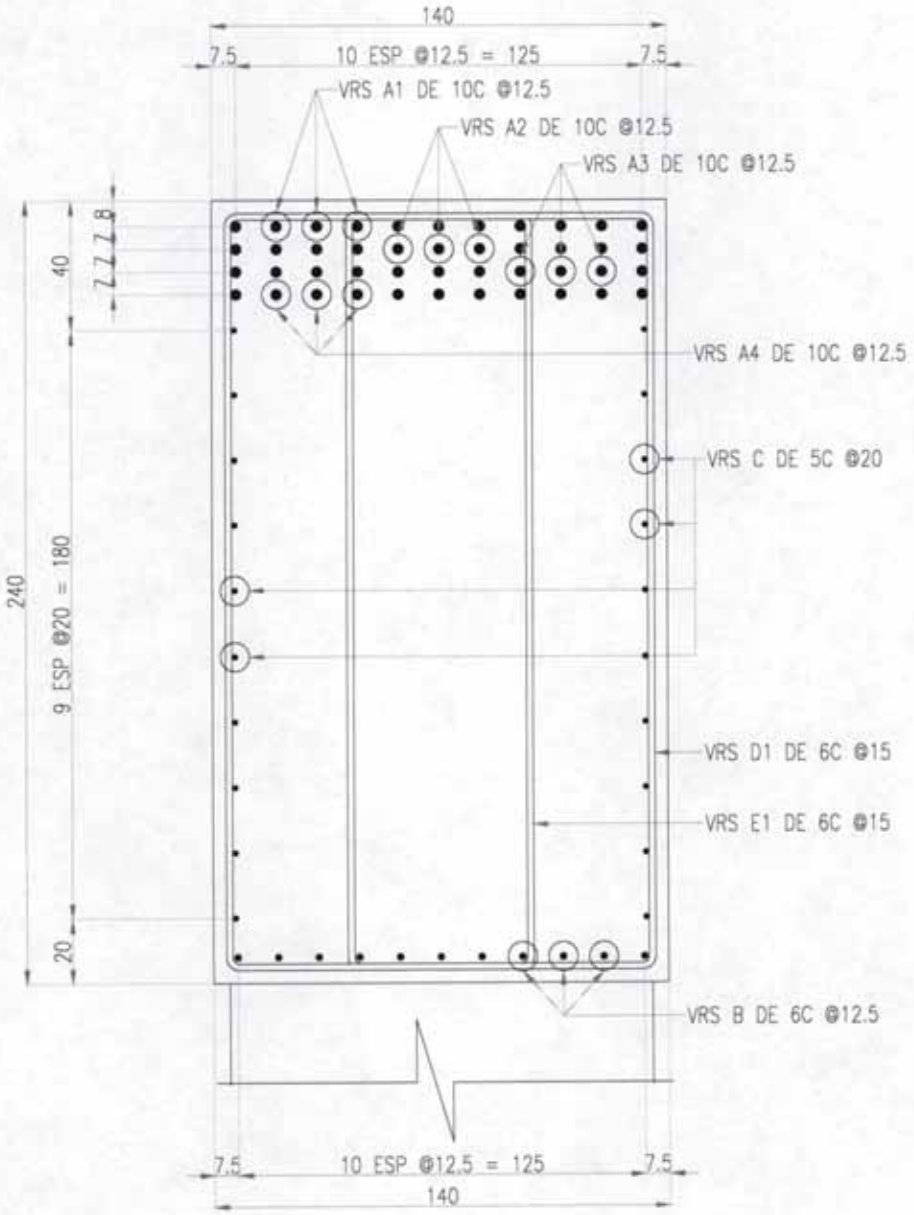
$$Vs = \frac{Vu - \phi Vc}{\phi} = \frac{503.5 - 171.1}{0.85} = 390.6 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{390.6}{4.2 \times 145} = 0.641 \text{ cm2/cm}$$

∴ Colocar 0.641 cm2/cm de acero de refuerzo por cortante

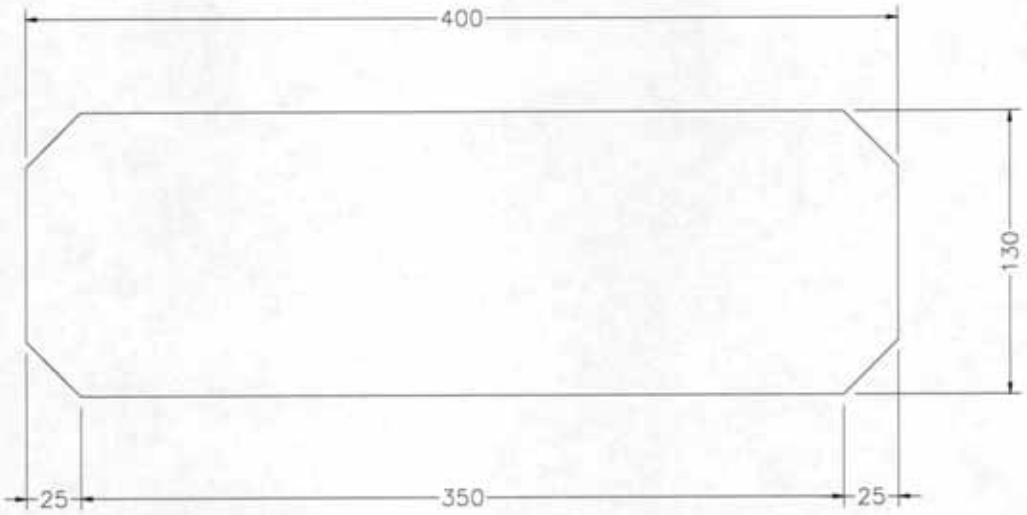
3.4 Croquis del Cabezal



4. Diseño de columnas

4.1 Sección propuesta

Se utilizará una columna de 400 x 130 cm hecha a base de concreto **f'c= 350 kg/cm2**. La sección transversal se muestra en el siguiente diagrama:



4.2 Fuerzas últimas

Los elementos mecánicos para cada una de las combinaciones de carga que se muestran en la siguiente tabla:

Combinación	*Pu (Ton)*	*Muy (Ton-m)*	*Muz (Ton-m)*
AASHTO I	1,415.25	0.00	1,207.51
AASHTO II	901.42	89.87	372.52
AASHTO III	1,209.10	321.73	941.69
AASHTO VII-A	901.42	397.51	1,325.04
AASHTO VII-B	901.42	1,325.04	397.51
AASHTO VII-C	676.07	397.51	1,325.04
AASHTO VII-D	676.07	1,325.04	397.51

4.3 Consideración de los efectos de esbeltez

4.3.1 Sentido transversal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden.

En la siguiente tabla se muestran los momentos amplificados en el sentido transversal:

Combinación	*Pu (Ton)*	*Muz (Ton-m)*	*βD*	*EI (kg-cm2)*	*K*	*ϕPcr (Ton)*	*δ*	*Mc (Ton-m)*
I	1,415.25	1,207.51	0.00	1.94E+13	2.10	60,351.53	1.02	1,236.50
II	901.42	372.52	0.00	1.94E+13	2.10	60,351.53	1.02	378.17
III	1,209.10	941.69	0.00	1.94E+13	2.10	60,351.53	1.02	960.94
VII-A	901.42	1,325.04	0.00	1.94E+13	2.10	60,351.53	1.02	1,345.13
VII-B	901.42	397.51	0.00	1.94E+13	2.10	60,351.53	1.02	403.54
VII-C	676.07	1,325.04	0.00	1.94E+13	2.10	60,351.53	1.01	1,340.05
VII-D	676.07	397.51	0.00	1.94E+13	2.10	60,351.53	1.01	402.01

4.3.2 Sentido longitudinal

Los momentos que se presentaron en el punto anterior deberán ser afectados por un factor de amplificación a fin de considerar los efectos de segundo orden en el sentido longitudinal.

En la siguiente tabla se muestran los momentos amplificados en el sentido longitudinal:

Combinación	Pu (Ton)	Muy (Ton-m)	βD	EI (kg-cm2)	K	ϕPcr (Ton)	δ	Mc (Ton-m)
I	1,415.25	0.00	0.00	4.92E+12	2.10	8,532.42	1.20	-
II	901.42	89.87	0.00	4.92E+12	2.10	8,532.42	1.12	100.48
III	1,209.10	321.73	0.00	4.92E+12	2.10	8,532.42	1.17	374.85
VII-A	901.42	397.51	0.00	4.92E+12	2.10	8,532.42	1.12	444.47
VII-B	901.42	1,325.04	0.00	4.92E+12	2.10	8,532.42	1.12	1,481.56
VII-C	676.07	397.51	0.00	4.92E+12	2.10	8,532.42	1.09	431.72
VII-D	676.07	1,325.04	0.00	4.92E+12	2.10	8,532.42	1.09	1,439.06

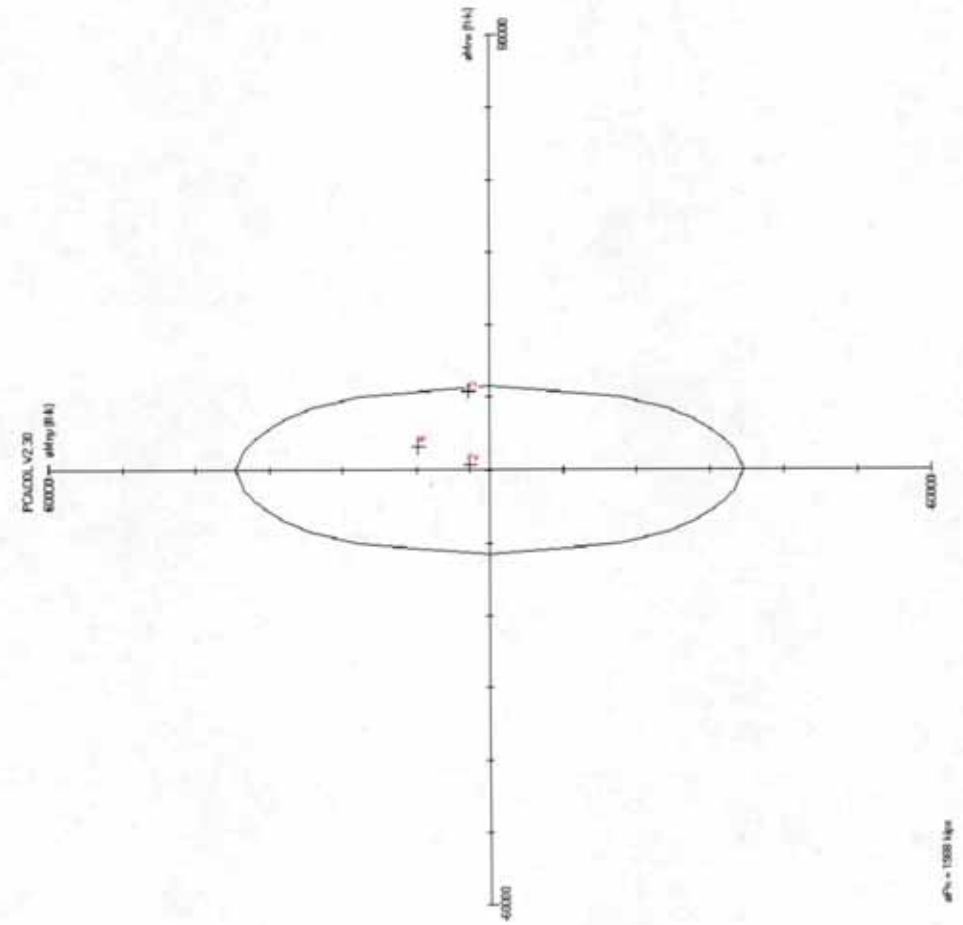
4.4 Elementos Mecánicos

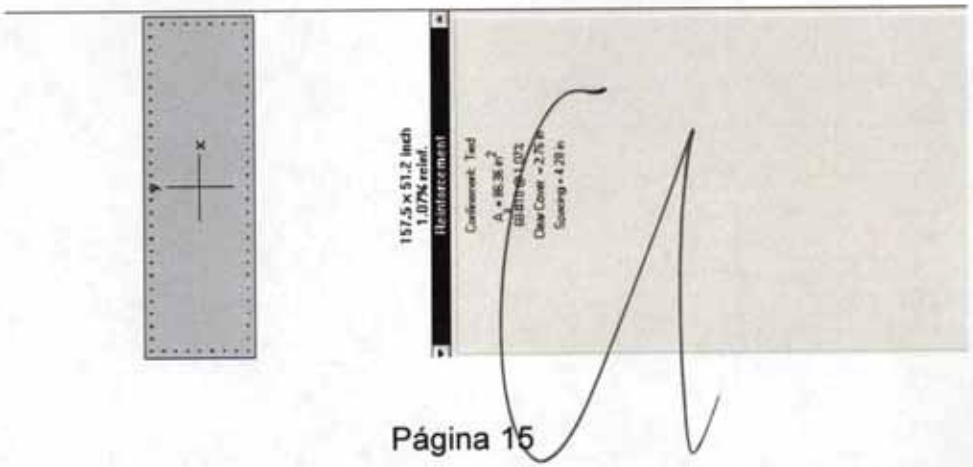
Los elementos mecánicos que se utilizarán en el diseño se muestran en la siguiente tabla. El momento resultante que se muestra a continuación es el que resulta de sumar vectorialmente los momentos amplificados transversales y longitudinales.

Combinación	Pu (Ton)	Mcy (Ton-m)	Mcz (Ton-m)
I	1,415.25	-	1,236.50
II	901.42	100.48	378.17
III	1,209.10	374.85	960.94
VII-A	901.42	444.47	1,345.13
VII-B	901.42	1,481.56	403.54
VII-C	676.07	431.72	1,340.05
VII-D	676.07	1,439.06	402.01

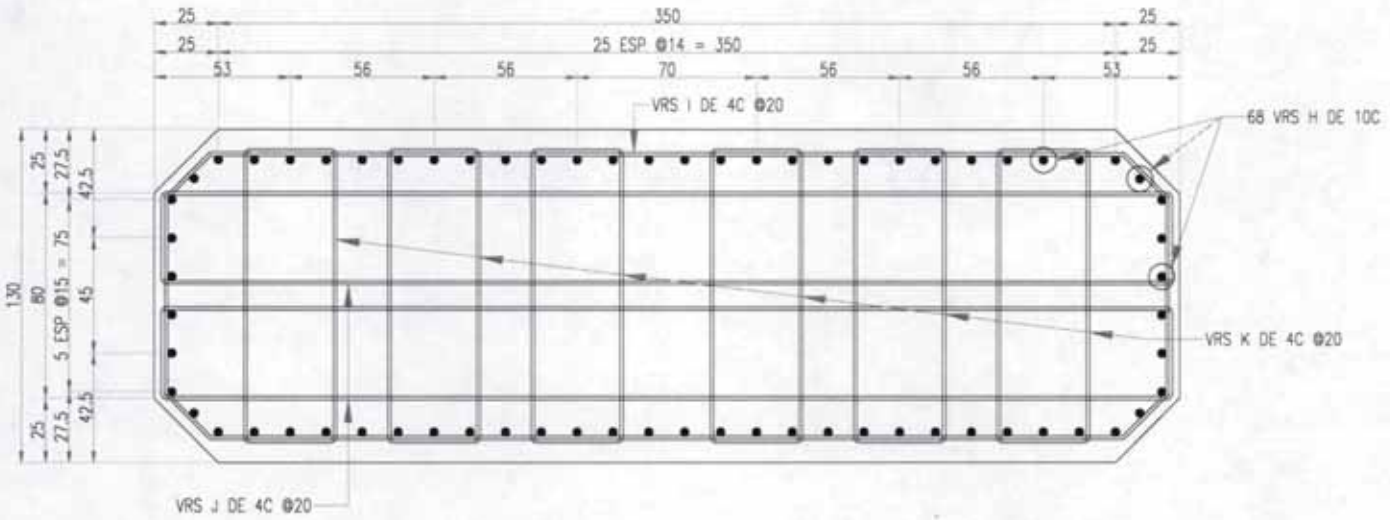
4.5 Diseño de la columna

A continuación se presenta el diagrama de interacción para una columna de **f'c= 350 kg/cm2** con 68 varillas del No. 10 y estribo del No. 4 a cada 20 cms. En este diagrama se puede apreciar que la columna es adecuada, para resistir las solicitaciones que se presentan.





4.6 Croquis de la columna



5. Diseño de zapata

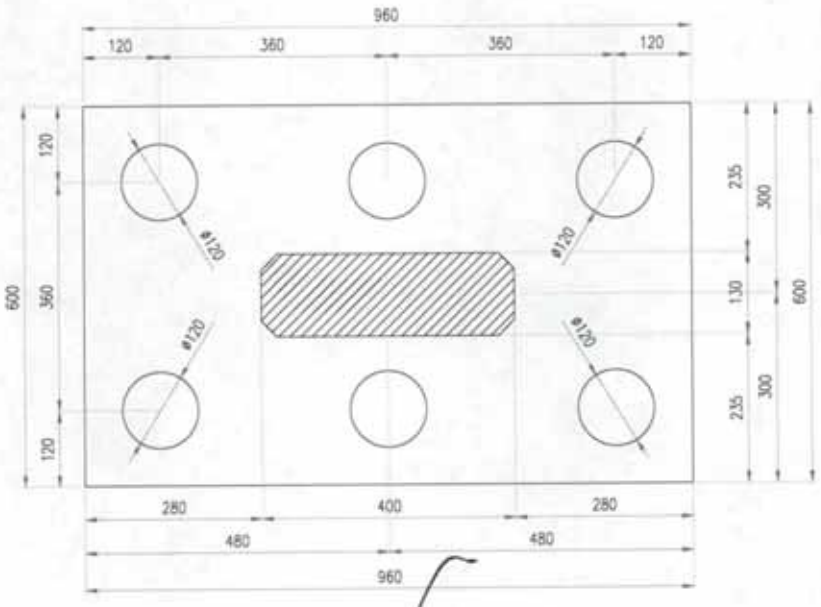
Se propone una zapata de 9.6 × 6 metros, desplantada sobre 6 pilotes de 1.20 m de diámetro.

5.1 Estudio de mecánica de suelos

De acuerdo al estudio de mecánica de suelos, se propone utilizar cimentación por pilas de cimentación, desplantadas en el estrato de arena a una profundidad de 15 metros del terreno natural, y con una capacidad de carga admisible de 368 Ton/pila.

5.2 Dimensiones de la zapata

Se propone utilizar una zapata con las siguientes dimensiones:



5.3 Cargas

Las cargas que se aplicarán son las correspondientes al punto 2 de esta memoria, trasladadas al nivel de desplante de la zapata.

5.4 Combinaciones de carga

En la siguiente tabla se muestran las diferentes combinaciones de cargas de servicio:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)	%
AASHTO I	1,094.76	0.00	0.00	0.00	455.90	100
AASHTO II	900.76	6.20	25.70	78.43	325.11	125
AASHTO III	1,094.76	18.96	13.91	275.93	644.94	125
AASHTO VII-A	900.76	29.43	98.10	349.92	1,166.41	133
AASHTO VII-B	900.76	98.10	29.43	1,166.41	349.92	133

La siguiente tabla se muestran las diferentes combinaciones de cargas últimas:

Combinación	Pvertical (Ton)	Flongitudinal (Ton-m)	Ftransversal (Ton-m)	Mlongitudinal (Ton-m)	MTransversal (Ton-m)
AASHTO I	1,693.24	0.00	0.00	0.00	1,227.30
AASHTO II	1,170.99	8.06	33.41	101.96	422.64
AASHTO III	1,483.72	24.65	18.08	358.70	980.67
AASHTO VII-A	1,170.99	38.26	127.53	454.90	1,516.33
AASHTO VII-B	1,170.99	127.53	38.26	1,516.33	454.90

5.5 Revisión de esfuerzos

La carga máxima y mínima en los pilotes se puede evaluar a partir de la siguiente expresión:

$$\sigma = \frac{Pv}{Npilas} \pm \frac{Mlong}{Slong} \pm \frac{Mtrans}{Strans}$$

Donde :

Npil = 6

Slong = 10.8 m

Strans = 14.4 m

En la siguiente tabla se muestra las cargas máximas y mínimas para cada combinación de cargas de servicio:

Combinación	***Carga Máxima (Ton)***	***Carga Mínima (Ton)***	***Carga Admisible (Ton)***
AASHTO I	214.12	150.80	368.00
AASHTO II	179.97	120.29	460.00
AASHTO III	252.80	112.12	460.00
AASHTO VII-A	263.53	36.73	489.44
AASHTO VII-B	282.43	17.83	489.44

De la tabla anterior se observa que las fuerzas que se generan NO son mayores a las admisibles.

Para el diseño estructural de la zapata-cabezal y del pilote son necesarias las fuerzas obtenidas de las cargas últimas. Estas fuerzas se presentan en la siguiente tabla:

Combinación	Carga Máxima (Ton)	Carga Mínima (Ton)
AASHTO I	367.44	196.98
AASHTO II	233.96	156.37
AASHTO III	348.60	145.97
AASHTO VII-A	342.59	47.74
AASHTO VII-B	367.16	23.17

5.8 Diseño a flexión de la zapata

El momento último se puede determinar a partir de:

Mu = 367 × 2 pilas × 1.6 m = 1174.4 Ton-m

El área de acero requerido por flexión esta dado por las siguientes ecuaciones:

$$As = \frac{Mu}{\phi fy \times \left(d - \frac{a}{2}\right)} \quad \text{donde}$$

$$a = \frac{As \times fy}{0.85 \times f'c \times b}$$

Substituyendo los siguientes valores:

Mu = 1174.4 Ton-m
f´c = 250 kg/cm2
fy = 4,200 kg/cm2
d = 150 - 7 – 1.6 = 141.4 cm
b = 600 cm

Se obtiene que:

As req = 225.7 cm2 y a = 7.4 cm

El área de acero mínima es igual a:

As min = 27.1 × 6 = 162.6 cm2

El área de acero máxima es igual a:

As max = 0.019 × b × d = 1612 cm2

∴ Utilizar varillas del No. 10 @ 15 cm en la parte inferior de la zapata.

5.9 Revisión a cortante

5.9.1 Revisión a corte por penetración

El esfuerzo cortante, en la conexión entre zapata y columna para cada combinación de carga, se muestra en la siguiente tabla:

COMBINACION	Pu	Mu Long	Mu Trans	σ corte por Pu	σ corte por Mu Long	σ corte por Mu Trans	SUMA	σ corte ultlimo pemisible
	(Ton)	(Ton-m)	(Ton-m)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)	(kg/cm2)
AASHTO I	1,120.33	0.00	310.83	7.39	-	1.68	9.08	12.20
AASHTO II	602.29	79.07	327.75	5.11	0.13	0.58	5.82	12.20
AASHTO III	912.50	212.77	380.52	6.48	0.46	1.35	8.28	12.20
AASHTO VII-A	602.29	203.76	679.20	5.11	0.58	2.08	7.78	12.20
AASHTO VII-B	602.29	679.20	203.76	5.11	1.94	0.62	7.68	12.20
AASHTO VII-C	451.72	203.76	679.20	3.84	0.58	2.08	6.50	12.20
AASHTO VII-D	451.72	679.20	203.76	3.84	1.94	0.62	6.40	12.20

De la tabla anterior, se observa que el esfuerzo cortante es menor que el permisible, para todas las combinaciones.

∴ La zapata es adecuada por corte en dos direcciones.

5.9.2 Revisión a corte en una dirección

El cortante último es igual a:

Vu = 367 Ton × 2 pilas = 734 Ton

La resistencia a cortante del concreto es igual a:

$\phi Vc = 0.85 \times 0.53 \times \sqrt{250} \times 600 \times 141 = 603$ Ton

$\phi Vc = 603$

El requerimiento de acero es igual a:

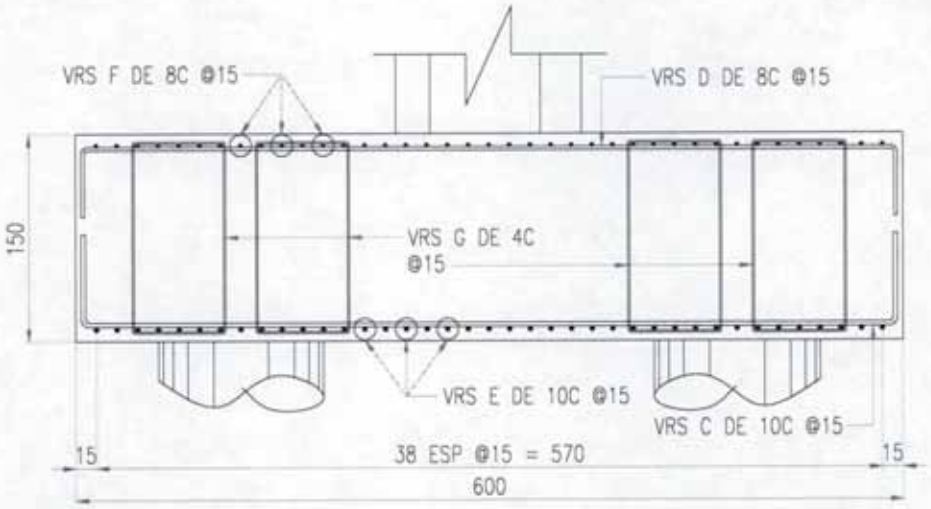
$$Vs = \frac{Vu - \phi Vc}{\phi} = 154.1 \text{ Ton} < 2.1\sqrt{f'c} \times bw \times d$$

El requerimiento de acero es igual a:

$$\frac{Av}{s} = \frac{Vs}{fy \times d} = \frac{154.1}{4.2 \times 141} = 0.26 \text{ cm2/cm}$$

$\therefore$ Colocar 0.26 cm2/cm de acero de refuerzo por cortante

5.10 Croquis de la zapata



CONSTRUCTORA MOYEDA SA DE CV

EJE 90 - PILA INTERMEDIA TRAMO RECTO

Administrador
CONSTRUCTORA MOYEDA SA DE CV

MORONES PRIETO 1310 PTE
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MONTERREY, NL
MEXICO 64710
Tel: 818-348-3494

PROJECT SUMMARY

INPUT PROPERTIES	Count
Units and Precisions	None
Materials	1
Sections	5
User Coordinate System	None
Curves	None
Additional Property	None
Load Definitions	None

INPUT GEOMETRY	Count
Joints	1267
Members	28
Plates	904
Springs	152
Additional Rectangle	None
Mesh Elements	None
Slave Nodes	None
Constraints	None

LOAD CASES	Count
Load Cases	7
Combination Cases	12
Construction Stages	None
Linked Databases	None

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- INPUT : Section Dimensions	Page 5		
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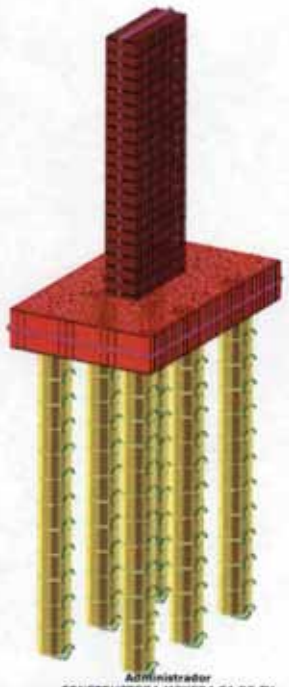
Graphics View 1

Zoom 1.250X



LARSA 4D

INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
FC=250KG/CM2	2,387,519.01	0.1800	1,011,660.57	2.4000	5.850556	Yes

INPUT : Sections

Name	Section Area (m²)	Shear Area in yy (m²)	Shear Area in zz (m²)	Torsion Constant (m^4)	Inertia Iyy (m^4)	Inertia Izz (m^4)	Plastic Modulus Zyy (m³)	Plastic Modulus Zzz (m³)	Perimeter (m)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
Rectangle	576.0000	480.0000	480.0000	46,765.4160	27,648.0000	27,648.0000	0.0000	0.0000	96.0000	(NONE)	50.	0.	No
CABEZAL	0.9680	0.6240	0.3868	0.0507	0.5072	0.0365	0.0000	0.0000	6.7000	(NONE)	50.	0.	No
PILOTE	1.1310	1.0179	1.0179	0.2036	0.1018	0.1018	0.0000	0.0000	3.7699	(NONE)	50.	0.	Yes
OBLONDA-250X130	3.2550	3.2550	3.2550	1.2734	0.4354	1.7188	0.0000	0.0000	7.2142	(NONE)	0.	0.	No
OBLONDA-400X130	5.0750	5.0750	5.0750	2.2960	0.6918	5.4737	0.0000	0.0000	10.0142	(NONE)	0.	0.	No

INPUT : Section Stress Points

Name	Point 1 Y (m)	Point 1 Z (m)	Point 2 Y (m)	Point 2 Z (m)	Point 3 Y (m)	Point 3 Z (m)	Point 4 Y (m)	Point 4 Z (m)	Point 5 Y (m)	Point 5 Z (m)	Point 6 Y (m)	Point 6 Z (m)
Rectangle	12.0000	12.0000	12.0000	-12.0000	-12.0000	-12.0000	-12.0000	12.0000	(none)	(none)	(none)	(none)
CABEZAL	0.8618	0.4750	0.8618	-0.4750	-1.5382	-0.1300	-1.5382	0.1300	(none)	(none)	(none)	(none)
PILOTE	0.0000	0.5000	0.0000	0.0000	0.0000	-0.5000	-0.0000	0.0000	(none)	(none)	(none)	(none)
OBLONDA-250X130	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)
OBLONDA-400X130	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
Rectangle	Rectangle	24.0000	24.0000				
CABEZAL	T Shape	2.4000	0.9500	0.2600	0.5000		
PILOTE	Circle	1.2000					
OBLONDA-250X130	Parametric						
OBLONDA-400X130	Parametric						

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
324	-3.6000	-1.8000	-1.0000	all free	all free	Global	Yes
414	-3.6000	-1.8000	-2.0000	all free	all free	Global	Yes
415	-3.6000	-1.8000	-3.0000	all free	all free	Global	Yes
416	-3.6000	-1.8000	-4.0000	all free	all free	Global	Yes
417	-3.6000	-1.8000	-5.0000	all free	all free	Global	Yes
418	-3.6000	-1.8000	-6.0000	all free	all free	Global	Yes
419	-3.6000	-1.8000	-7.0000	all free	all free	Global	Yes
420	-3.6000	-1.8000	-8.0000	all free	all free	Global	Yes
421	-3.6000	-1.8000	-9.0000	all free	all free	Global	Yes
422	-3.6000	-1.8000	-10.0000	all free	all free	Global	Yes
423	-3.6000	-1.8000	-11.0000	all free	all free	Global	Yes
424	-3.6000	-1.8000	-12.0000	all free	all free	Global	Yes
425	-3.6000	-1.8000	-13.0000	all free	all free	Global	Yes
880	-3.6000	1.8000	-1.0000	all free	all free	Global	Yes
881	-3.6000	1.8000	-2.0000	all free	all free	Global	Yes
882	-3.6000	1.8000	-3.0000	all free	all free	Global	Yes
883	-3.6000	1.8000	-4.0000	all free	all free	Global	Yes
884	-3.6000	1.8000	-5.0000	all free	all free	Global	Yes
885	-3.6000	1.8000	-6.0000	all free	all free	Global	Yes
886	-3.6000	1.8000	-7.0000	all free	all free	Global	Yes
887	-3.6000	1.8000	-8.0000	all free	all free	Global	Yes
888	-3.6000	1.8000	-9.0000	all free	all free	Global	Yes
889	-3.6000	1.8000	-10.0000	all free	all free	Global	Yes
890	-3.6000	1.8000	-11.0000	all free	all free	Global	Yes
891	-3.6000	1.8000	-12.0000	all free	all free	Global	Yes
892	-3.6000	1.8000	-13.0000	all free	all free	Global	Yes
893	-4.8000	-3.0000	0.0000	all free	all free	Global	Yes
894	4.8000	3.0000	0.0000	all free	all free	Global	Yes
895	-4.8000	3.0000	0.0000	all free	all free	Global	Yes
896	4.8000	-3.0000	0.0000	all free	all free	Global	Yes
897	-4.5000	-3.0000	0.0000	all free	all free	Global	Yes
898	-4.2000	-3.0000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
899	-5.9000	-5.0000	0.0000	all free	all free	Global	Yes
900	-5.6000	-5.0000	0.0000	all free	all free	Global	Yes
901	-5.3000	-5.0000	0.0000	all free	all free	Global	Yes
902	-5.0000	-5.0000	0.0000	all free	all free	Global	Yes
903	-2.7000	-5.0000	0.0000	all free	all free	Global	Yes
904	-2.4000	-5.0000	0.0000	all free	all free	Global	Yes
905	-2.1000	-5.0000	0.0000	all free	all free	Global	Yes
906	-1.8000	-5.0000	0.0000	all free	all free	Global	Yes
907	-1.5000	-5.0000	0.0000	all free	all free	Global	Yes
908	-1.2000	-5.0000	0.0000	all free	all free	Global	Yes
909	-0.9000	-5.0000	0.0000	all free	all free	Global	Yes
910	-0.6000	-5.0000	0.0000	all free	all free	Global	Yes
911	-0.3000	-5.0000	0.0000	all free	all free	Global	Yes
912	0.0000	-5.0000	0.0000	all free	all free	Global	Yes
913	0.3000	-5.0000	0.0000	all free	all free	Global	Yes
914	0.6000	-5.0000	0.0000	all free	all free	Global	Yes
915	0.9000	-5.0000	0.0000	all free	all free	Global	Yes
916	1.2000	-5.0000	0.0000	all free	all free	Global	Yes
917	1.5000	-5.0000	0.0000	all free	all free	Global	Yes
918	1.8000	-5.0000	0.0000	all free	all free	Global	Yes
919	2.1000	-5.0000	0.0000	all free	all free	Global	Yes
920	2.4000	-5.0000	0.0000	all free	all free	Global	Yes
921	2.7000	-5.0000	0.0000	all free	all free	Global	Yes
922	3.0000	-5.0000	0.0000	all free	all free	Global	Yes
923	3.3000	-5.0000	0.0000	all free	all free	Global	Yes
924	3.6000	-5.0000	0.0000	all free	all free	Global	Yes
925	3.9000	-5.0000	0.0000	all free	all free	Global	Yes
926	4.2000	-5.0000	0.0000	all free	all free	Global	Yes
927	4.5000	-5.0000	0.0000	all free	all free	Global	Yes
928	-4.8000	-2.7000	0.0000	all free	all free	Global	Yes
929	-4.5000	-2.7000	0.0000	all free	all free	Global	Yes
930	-4.2000	-2.7000	0.0000	all free	all free	Global	Yes
931	-3.9000	-2.7000	0.0000	all free	all free	Global	Yes
932	-3.6000	-2.7000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
933	-3.3000	-2.7000	0.0000	all free	all free	Global	Yes
934	-3.0000	-2.7000	0.0000	all free	all free	Global	Yes
935	-2.7000	-2.7000	0.0000	all free	all free	Global	Yes
936	-2.4000	-2.7000	0.0000	all free	all free	Global	Yes
937	-2.1000	-2.7000	0.0000	all free	all free	Global	Yes
938	-1.8000	-2.7000	0.0000	all free	all free	Global	Yes
939	-1.5000	-2.7000	0.0000	all free	all free	Global	Yes
940	-1.2000	-2.7000	0.0000	all free	all free	Global	Yes
941	-0.9000	-2.7000	0.0000	all free	all free	Global	Yes
942	-0.6000	-2.7000	0.0000	all free	all free	Global	Yes
943	-0.3000	-2.7000	0.0000	all free	all free	Global	Yes
944	0.0000	-2.7000	0.0000	all free	all free	Global	Yes
945	0.3000	-2.7000	0.0000	all free	all free	Global	Yes
946	0.6000	-2.7000	0.0000	all free	all free	Global	Yes
947	0.9000	-2.7000	0.0000	all free	all free	Global	Yes
948	1.2000	-2.7000	0.0000	all free	all free	Global	Yes
949	1.5000	-2.7000	0.0000	all free	all free	Global	Yes
950	1.8000	-2.7000	0.0000	all free	all free	Global	Yes
951	2.1000	-2.7000	0.0000	all free	all free	Global	Yes
952	2.4000	-2.7000	0.0000	all free	all free	Global	Yes
953	2.7000	-2.7000	0.0000	all free	all free	Global	Yes
954	3.0000	-2.7000	0.0000	all free	all free	Global	Yes
955	3.3000	-2.7000	0.0000	all free	all free	Global	Yes
956	3.6000	-2.7000	0.0000	all free	all free	Global	Yes
957	3.9000	-2.7000	0.0000	all free	all free	Global	Yes
958	4.2000	-2.7000	0.0000	all free	all free	Global	Yes
959	4.5000	-2.7000	0.0000	all free	all free	Global	Yes
960	4.8000	-2.7000	0.0000	all free	all free	Global	Yes
961	-4.8000	-2.4000	0.0000	all free	all free	Global	Yes
962	-4.5000	-2.4000	0.0000	all free	all free	Global	Yes
963	-4.2000	-2.4000	0.0000	all free	all free	Global	Yes
964	-3.9000	-2.4000	0.0000	all free	all free	Global	Yes
965	-3.6000	-2.4000	0.0000	all free	all free	Global	Yes
966	-3.3000	-2.4000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
967	-3.0000	-2.4000	0.0000	all free	all free	Global	Yes
968	-2.7000	-2.4000	0.0000	all free	all free	Global	Yes
969	-2.4000	-2.4000	0.0000	all free	all free	Global	Yes
970	-2.1000	-2.4000	0.0000	all free	all free	Global	Yes
971	-1.8000	-2.4000	0.0000	all free	all free	Global	Yes
972	-1.5000	-2.4000	0.0000	all free	all free	Global	Yes
973	-1.2000	-2.4000	0.0000	all free	all free	Global	Yes
974	-0.9000	-2.4000	0.0000	all free	all free	Global	Yes
975	-0.6000	-2.4000	0.0000	all free	all free	Global	Yes
976	-0.3000	-2.4000	0.0000	all free	all free	Global	Yes
977	0.0000	-2.4000	0.0000	all free	all free	Global	Yes
978	0.3000	-2.4000	0.0000	all free	all free	Global	Yes
979	0.6000	-2.4000	0.0000	all free	all free	Global	Yes
980	0.9000	-2.4000	0.0000	all free	all free	Global	Yes
981	1.2000	-2.4000	0.0000	all free	all free	Global	Yes
982	1.5000	-2.4000	0.0000	all free	all free	Global	Yes
983	1.8000	-2.4000	0.0000	all free	all free	Global	Yes
984	2.1000	-2.4000	0.0000	all free	all free	Global	Yes
985	2.4000	-2.4000	0.0000	all free	all free	Global	Yes
986	2.7000	-2.4000	0.0000	all free	all free	Global	Yes
987	3.0000	-2.4000	0.0000	all free	all free	Global	Yes
988	3.3000	-2.4000	0.0000	all free	all free	Global	Yes
989	3.6000	-2.4000	0.0000	all free	all free	Global	Yes
990	3.9000	-2.4000	0.0000	all free	all free	Global	Yes
991	4.2000	-2.4000	0.0000	all free	all free	Global	Yes
992	4.5000	-2.4000	0.0000	all free	all free	Global	Yes
993	4.8000	-2.4000	0.0000	all free	all free	Global	Yes
994	-4.8000	-2.1000	0.0000	all free	all free	Global	Yes
995	-4.5000	-2.1000	0.0000	all free	all free	Global	Yes
996	-4.2000	-2.1000	0.0000	all free	all free	Global	Yes
997	-3.9000	-2.1000	0.0000	all free	all free	Global	Yes
998	-3.6000	-2.1000	0.0000	all free	all free	Global	Yes
999	-3.3000	-2.1000	0.0000	all free	all free	Global	Yes
1000	-3.0000	-2.1000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1001	-2.7000	-2.1000	0.0000	all free	all free	Global	Yes
1002	-2.4000	-2.1000	0.0000	all free	all free	Global	Yes
1003	-2.1000	-2.1000	0.0000	all free	all free	Global	Yes
1004	-1.8000	-2.1000	0.0000	all free	all free	Global	Yes
1005	-1.5000	-2.1000	0.0000	all free	all free	Global	Yes
1006	-1.2000	-2.1000	0.0000	all free	all free	Global	Yes
1007	-0.9000	-2.1000	0.0000	all free	all free	Global	Yes
1008	-0.6000	-2.1000	0.0000	all free	all free	Global	Yes
1009	-0.3000	-2.1000	0.0000	all free	all free	Global	Yes
1010	0.0000	-2.1000	0.0000	all free	all free	Global	Yes
1011	0.3000	-2.1000	0.0000	all free	all free	Global	Yes
1012	0.6000	-2.1000	0.0000	all free	all free	Global	Yes
1013	0.9000	-2.1000	0.0000	all free	all free	Global	Yes
1014	1.2000	-2.1000	0.0000	all free	all free	Global	Yes
1015	1.5000	-2.1000	0.0000	all free	all free	Global	Yes
1016	1.8000	-2.1000	0.0000	all free	all free	Global	Yes
1017	2.1000	-2.1000	0.0000	all free	all free	Global	Yes
1018	2.4000	-2.1000	0.0000	all free	all free	Global	Yes
1019	2.7000	-2.1000	0.0000	all free	all free	Global	Yes
1020	3.0000	-2.1000	0.0000	all free	all free	Global	Yes
1021	3.3000	-2.1000	0.0000	all free	all free	Global	Yes
1022	3.6000	-2.1000	0.0000	all free	all free	Global	Yes
1023	3.9000	-2.1000	0.0000	all free	all free	Global	Yes
1024	4.2000	-2.1000	0.0000	all free	all free	Global	Yes
1025	4.5000	-2.1000	0.0000	all free	all free	Global	Yes
1026	4.8000	-2.1000	0.0000	all free	all free	Global	Yes
1027	-4.8000	-1.8000	0.0000	all free	all free	Global	Yes
1028	-4.5000	-1.8000	0.0000	all free	all free	Global	Yes
1029	-4.2000	-1.8000	0.0000	all free	all free	Global	Yes
1030	-3.9000	-1.8000	0.0000	all free	all free	Global	Yes
1031	-3.6000	-1.8000	0.0000	all free	all free	Global	Yes
1032	-3.3000	-1.8000	0.0000	all free	all free	Global	Yes
1033	-3.0000	-1.8000	0.0000	all free	all free	Global	Yes
1034	-2.7000	-1.8000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1035	-2.4000	-1.8000	0.0000	all free	all free	Global	Yes
1036	-2.1000	-1.8000	0.0000	all free	all free	Global	Yes
1037	-1.8000	-1.8000	0.0000	all free	all free	Global	Yes
1038	-1.5000	-1.8000	0.0000	all free	all free	Global	Yes
1039	-1.2000	-1.8000	0.0000	all free	all free	Global	Yes
1040	-0.9000	-1.8000	0.0000	all free	all free	Global	Yes
1041	-0.6000	-1.8000	0.0000	all free	all free	Global	Yes
1042	-0.3000	-1.8000	0.0000	all free	all free	Global	Yes
1043	0.0000	-1.8000	0.0000	all free	all free	Global	Yes
1044	0.3000	-1.8000	0.0000	all free	all free	Global	Yes
1045	0.6000	-1.8000	0.0000	all free	all free	Global	Yes
1046	0.9000	-1.8000	0.0000	all free	all free	Global	Yes
1047	1.2000	-1.8000	0.0000	all free	all free	Global	Yes
1048	1.5000	-1.8000	0.0000	all free	all free	Global	Yes
1049	1.8000	-1.8000	0.0000	all free	all free	Global	Yes
1050	2.1000	-1.8000	0.0000	all free	all free	Global	Yes
1051	2.4000	-1.8000	0.0000	all free	all free	Global	Yes
1052	2.7000	-1.8000	0.0000	all free	all free	Global	Yes
1053	3.0000	-1.8000	0.0000	all free	all free	Global	Yes
1054	3.3000	-1.8000	0.0000	all free	all free	Global	Yes
1055	3.6000	-1.8000	0.0000	all free	all free	Global	Yes
1056	3.9000	-1.8000	0.0000	all free	all free	Global	Yes
1057	4.2000	-1.8000	0.0000	all free	all free	Global	Yes
1058	4.5000	-1.8000	0.0000	all free	all free	Global	Yes
1059	4.8000	-1.8000	0.0000	all free	all free	Global	Yes
1060	-4.8000	-1.5000	0.0000	all free	all free	Global	Yes
1061	-4.5000	-1.5000	0.0000	all free	all free	Global	Yes
1062	-4.2000	-1.5000	0.0000	all free	all free	Global	Yes
1063	-3.9000	-1.5000	0.0000	all free	all free	Global	Yes
1064	-3.6000	-1.5000	0.0000	all free	all free	Global	Yes
1065	-3.3000	-1.5000	0.0000	all free	all free	Global	Yes
1066	-3.0000	-1.5000	0.0000	all free	all free	Global	Yes
1067	-2.7000	-1.5000	0.0000	all free	all free	Global	Yes
1068	-2.4000	-1.5000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1069	-2.1000	-1.5000	0.0000	all free	all free	Global	Yes
1070	-1.8000	-1.5000	0.0000	all free	all free	Global	Yes
1071	-1.5000	-1.5000	0.0000	all free	all free	Global	Yes
1072	-1.2000	-1.5000	0.0000	all free	all free	Global	Yes
1073	-0.9000	-1.5000	0.0000	all free	all free	Global	Yes
1074	-0.6000	-1.5000	0.0000	all free	all free	Global	Yes
1075	-0.3000	-1.5000	0.0000	all free	all free	Global	Yes
1076	0.0000	-1.5000	0.0000	all free	all free	Global	Yes
1077	0.3000	-1.5000	0.0000	all free	all free	Global	Yes
1078	0.6000	-1.5000	0.0000	all free	all free	Global	Yes
1079	0.9000	-1.5000	0.0000	all free	all free	Global	Yes
1080	1.2000	-1.5000	0.0000	all free	all free	Global	Yes
1081	1.5000	-1.5000	0.0000	all free	all free	Global	Yes
1082	1.8000	-1.5000	0.0000	all free	all free	Global	Yes
1083	2.1000	-1.5000	0.0000	all free	all free	Global	Yes
1084	2.4000	-1.5000	0.0000	all free	all free	Global	Yes
1085	2.7000	-1.5000	0.0000	all free	all free	Global	Yes
1086	3.0000	-1.5000	0.0000	all free	all free	Global	Yes
1087	3.3000	-1.5000	0.0000	all free	all free	Global	Yes
1088	3.6000	-1.5000	0.0000	all free	all free	Global	Yes
1089	3.9000	-1.5000	0.0000	all free	all free	Global	Yes
1090	4.2000	-1.5000	0.0000	all free	all free	Global	Yes
1091	4.5000	-1.5000	0.0000	all free	all free	Global	Yes
1092	4.8000	-1.5000	0.0000	all free	all free	Global	Yes
1093	-4.8000	-1.2000	0.0000	all free	all free	Global	Yes
1094	-4.5000	-1.2000	0.0000	all free	all free	Global	Yes
1095	-4.2000	-1.2000	0.0000	all free	all free	Global	Yes
1096	-3.9000	-1.2000	0.0000	all free	all free	Global	Yes
1097	-3.6000	-1.2000	0.0000	all free	all free	Global	Yes
1098	-3.3000	-1.2000	0.0000	all free	all free	Global	Yes
1099	-3.0000	-1.2000	0.0000	all free	all free	Global	Yes
1100	-2.7000	-1.2000	0.0000	all free	all free	Global	Yes
1101	-2.4000	-1.2000	0.0000	all free	all free	Global	Yes
1102	-2.1000	-1.2000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1103	-1.8000	-1.2000	0.0000	all free	all free	Global	Yes
1104	-1.5000	-1.2000	0.0000	all free	all free	Global	Yes
1105	-1.2000	-1.2000	0.0000	all free	all free	Global	Yes
1106	-0.9000	-1.2000	0.0000	all free	all free	Global	Yes
1107	-0.6000	-1.2000	0.0000	all free	all free	Global	Yes
1108	-0.3000	-1.2000	0.0000	all free	all free	Global	Yes
1109	0.0000	-1.2000	0.0000	all free	all free	Global	Yes
1110	0.3000	-1.2000	0.0000	all free	all free	Global	Yes
1111	0.6000	-1.2000	0.0000	all free	all free	Global	Yes
1112	0.9000	-1.2000	0.0000	all free	all free	Global	Yes
1113	1.2000	-1.2000	0.0000	all free	all free	Global	Yes
1114	1.5000	-1.2000	0.0000	all free	all free	Global	Yes
1115	1.8000	-1.2000	0.0000	all free	all free	Global	Yes
1116	2.1000	-1.2000	0.0000	all free	all free	Global	Yes
1117	2.4000	-1.2000	0.0000	all free	all free	Global	Yes
1118	2.7000	-1.2000	0.0000	all free	all free	Global	Yes
1119	3.0000	-1.2000	0.0000	all free	all free	Global	Yes
1120	3.3000	-1.2000	0.0000	all free	all free	Global	Yes
1121	3.6000	-1.2000	0.0000	all free	all free	Global	Yes
1122	3.9000	-1.2000	0.0000	all free	all free	Global	Yes
1123	4.2000	-1.2000	0.0000	all free	all free	Global	Yes
1124	4.5000	-1.2000	0.0000	all free	all free	Global	Yes
1125	4.8000	-1.2000	0.0000	all free	all free	Global	Yes
1126	-4.8000	-0.9000	0.0000	all free	all free	Global	Yes
1127	-4.5000	-0.9000	0.0000	all free	all free	Global	Yes
1128	-4.2000	-0.9000	0.0000	all free	all free	Global	Yes
1129	-3.9000	-0.9000	0.0000	all free	all free	Global	Yes
1130	-3.6000	-0.9000	0.0000	all free	all free	Global	Yes
1131	-3.3000	-0.9000	0.0000	all free	all free	Global	Yes
1132	-3.0000	-0.9000	0.0000	all free	all free	Global	Yes
1133	-2.7000	-0.9000	0.0000	all free	all free	Global	Yes
1134	-2.4000	-0.9000	0.0000	all free	all free	Global	Yes
1135	-2.1000	-0.9000	0.0000	all free	all free	Global	Yes
1136	-1.8000	-0.9000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1137	-1.5000	-0.9000	0.0000	all free	all free	Global	Yes
1138	-1.2000	-0.9000	0.0000	all free	all free	Global	Yes
1139	-0.9000	-0.9000	0.0000	all free	all free	Global	Yes
1140	-0.6000	-0.9000	0.0000	all free	all free	Global	Yes
1141	-0.3000	-0.9000	0.0000	all free	all free	Global	Yes
1142	0.0000	-0.9000	0.0000	all free	all free	Global	Yes
1143	0.3000	-0.9000	0.0000	all free	all free	Global	Yes
1144	0.6000	-0.9000	0.0000	all free	all free	Global	Yes
1145	0.9000	-0.9000	0.0000	all free	all free	Global	Yes
1146	1.2000	-0.9000	0.0000	all free	all free	Global	Yes
1147	1.5000	-0.9000	0.0000	all free	all free	Global	Yes
1148	1.8000	-0.9000	0.0000	all free	all free	Global	Yes
1149	2.1000	-0.9000	0.0000	all free	all free	Global	Yes
1150	2.4000	-0.9000	0.0000	all free	all free	Global	Yes
1151	2.7000	-0.9000	0.0000	all free	all free	Global	Yes
1152	3.0000	-0.9000	0.0000	all free	all free	Global	Yes
1153	3.3000	-0.9000	0.0000	all free	all free	Global	Yes
1154	3.6000	-0.9000	0.0000	all free	all free	Global	Yes
1155	3.9000	-0.9000	0.0000	all free	all free	Global	Yes
1156	4.2000	-0.9000	0.0000	all free	all free	Global	Yes
1157	4.5000	-0.9000	0.0000	all free	all free	Global	Yes
1158	4.8000	-0.9000	0.0000	all free	all free	Global	Yes
1159	-4.8000	-0.6000	0.0000	all free	all free	Global	Yes
1160	-4.5000	-0.6000	0.0000	all free	all free	Global	Yes
1161	-4.2000	-0.6000	0.0000	all free	all free	Global	Yes
1162	-3.9000	-0.6000	0.0000	all free	all free	Global	Yes
1163	-3.6000	-0.6000	0.0000	all free	all free	Global	Yes
1164	-3.3000	-0.6000	0.0000	all free	all free	Global	Yes
1165	-3.0000	-0.6000	0.0000	all free	all free	Global	Yes
1166	-2.7000	-0.6000	0.0000	all free	all free	Global	Yes
1167	-2.4000	-0.6000	0.0000	all free	all free	Global	Yes
1168	-2.1000	-0.6000	0.0000	all free	all free	Global	Yes
1169	-1.8000	-0.6000	0.0000	all free	all free	Global	Yes
1170	-1.5000	-0.6000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1171	-1.2000	-0.6000	0.0000	all free	all free	Global	Yes
1172	-0.9000	-0.6000	0.0000	all free	all free	Global	Yes
1173	-0.6000	-0.6000	0.0000	all free	all free	Global	Yes
1174	-0.3000	-0.6000	0.0000	all free	all free	Global	Yes
1175	0.0000	-0.6000	0.0000	all free	all free	Global	Yes
1176	0.3000	-0.6000	0.0000	all free	all free	Global	Yes
1177	0.6000	-0.6000	0.0000	all free	all free	Global	Yes
1178	0.9000	-0.6000	0.0000	all free	all free	Global	Yes
1179	1.2000	-0.6000	0.0000	all free	all free	Global	Yes
1180	1.5000	-0.6000	0.0000	all free	all free	Global	Yes
1181	1.8000	-0.6000	0.0000	all free	all free	Global	Yes
1182	2.1000	-0.6000	0.0000	all free	all free	Global	Yes
1183	2.4000	-0.6000	0.0000	all free	all free	Global	Yes
1184	2.7000	-0.6000	0.0000	all free	all free	Global	Yes
1185	3.0000	-0.6000	0.0000	all free	all free	Global	Yes
1186	3.3000	-0.6000	0.0000	all free	all free	Global	Yes
1187	3.6000	-0.6000	0.0000	all free	all free	Global	Yes
1188	3.9000	-0.6000	0.0000	all free	all free	Global	Yes
1189	4.2000	-0.6000	0.0000	all free	all free	Global	Yes
1190	4.5000	-0.6000	0.0000	all free	all free	Global	Yes
1191	4.8000	-0.6000	0.0000	all free	all free	Global	Yes
1192	-4.8000	-0.3000	0.0000	all free	all free	Global	Yes
1193	-4.5000	-0.3000	0.0000	all free	all free	Global	Yes
1194	-4.2000	-0.3000	0.0000	all free	all free	Global	Yes
1195	-3.9000	-0.3000	0.0000	all free	all free	Global	Yes
1196	-3.6000	-0.3000	0.0000	all free	all free	Global	Yes
1197	-3.3000	-0.3000	0.0000	all free	all free	Global	Yes
1198	-3.0000	-0.3000	0.0000	all free	all free	Global	Yes
1199	-2.7000	-0.3000	0.0000	all free	all free	Global	Yes
1200	-2.4000	-0.3000	0.0000	all free	all free	Global	Yes
1201	-2.1000	-0.3000	0.0000	all free	all free	Global	Yes
1202	-1.8000	-0.3000	0.0000	all free	all free	Global	Yes
1203	-1.5000	-0.3000	0.0000	all free	all free	Global	Yes
1204	-1.2000	-0.3000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1205	-0.9000	-0.3000	0.0000	all free	all free	Global	Yes
1206	-0.6000	-0.3000	0.0000	all free	all free	Global	Yes
1207	-0.3000	-0.3000	0.0000	all free	all free	Global	Yes
1208	0.0000	-0.3000	0.0000	all free	all free	Global	Yes
1209	0.3000	-0.3000	0.0000	all free	all free	Global	Yes
1210	0.6000	-0.3000	0.0000	all free	all free	Global	Yes
1211	0.9000	-0.3000	0.0000	all free	all free	Global	Yes
1212	1.2000	-0.3000	0.0000	all free	all free	Global	Yes
1213	1.5000	-0.3000	0.0000	all free	all free	Global	Yes
1214	1.8000	-0.3000	0.0000	all free	all free	Global	Yes
1215	2.1000	-0.3000	0.0000	all free	all free	Global	Yes
1216	2.4000	-0.3000	0.0000	all free	all free	Global	Yes
1217	2.7000	-0.3000	0.0000	all free	all free	Global	Yes
1218	3.0000	-0.3000	0.0000	all free	all free	Global	Yes
1219	3.3000	-0.3000	0.0000	all free	all free	Global	Yes
1220	3.6000	-0.3000	0.0000	all free	all free	Global	Yes
1221	3.9000	-0.3000	0.0000	all free	all free	Global	Yes
1222	4.2000	-0.3000	0.0000	all free	all free	Global	Yes
1223	4.5000	-0.3000	0.0000	all free	all free	Global	Yes
1224	4.8000	-0.3000	0.0000	all free	all free	Global	Yes
1225	-4.8000	0.0000	0.0000	all free	all free	Global	Yes
1226	-4.5000	0.0000	0.0000	all free	all free	Global	Yes
1227	-4.2000	0.0000	0.0000	all free	all free	Global	Yes
1228	-3.9000	0.0000	0.0000	all free	all free	Global	Yes
1229	-3.6000	0.0000	0.0000	all free	all free	Global	Yes
1230	-3.3000	0.0000	0.0000	all free	all free	Global	Yes
1231	-3.0000	0.0000	0.0000	all free	all free	Global	Yes
1232	-2.7000	0.0000	0.0000	all free	all free	Global	Yes
1233	-2.4000	0.0000	0.0000	all free	all free	Global	Yes
1234	-2.1000	0.0000	0.0000	all free	all free	Global	Yes
1235	-1.8000	0.0000	0.0000	all free	all free	Global	Yes
1237	-1.2000	0.0000	0.0000	all free	all free	Global	Yes
1238	-0.9000	0.0000	0.0000	all free	all free	Global	Yes
1239	-0.6000	0.0000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1240	-0.3000	0.0000	0.0000	all free	all free	Global	Yes
1241	0.0000	0.0000	0.0000	all free	all free	Global	Yes
1242	0.3000	0.0000	0.0000	all free	all free	Global	Yes
1243	0.6000	0.0000	0.0000	all free	all free	Global	Yes
1244	0.9000	0.0000	0.0000	all free	all free	Global	Yes
1245	1.2000	0.0000	0.0000	all free	all free	Global	Yes
1246	1.5000	0.0000	0.0000	all free	all free	Global	Yes
1247	1.8000	0.0000	0.0000	all free	all free	Global	Yes
1248	2.1000	0.0000	0.0000	all free	all free	Global	Yes
1249	2.4000	0.0000	0.0000	all free	all free	Global	Yes
1250	2.7000	0.0000	0.0000	all free	all free	Global	Yes
1251	3.0000	0.0000	0.0000	all free	all free	Global	Yes
1252	3.3000	0.0000	0.0000	all free	all free	Global	Yes
1253	3.6000	0.0000	0.0000	all free	all free	Global	Yes
1254	3.9000	0.0000	0.0000	all free	all free	Global	Yes
1255	4.2000	0.0000	0.0000	all free	all free	Global	Yes
1256	4.5000	0.0000	0.0000	all free	all free	Global	Yes
1257	4.8000	0.0000	0.0000	all free	all free	Global	Yes
1258	-4.8000	0.3000	0.0000	all free	all free	Global	Yes
1259	-4.5000	0.3000	0.0000	all free	all free	Global	Yes
1260	-4.2000	0.3000	0.0000	all free	all free	Global	Yes
1261	-3.9000	0.3000	0.0000	all free	all free	Global	Yes
1262	-3.6000	0.3000	0.0000	all free	all free	Global	Yes
1263	-3.3000	0.3000	0.0000	all free	all free	Global	Yes
1264	-3.0000	0.3000	0.0000	all free	all free	Global	Yes
1265	-2.7000	0.3000	0.0000	all free	all free	Global	Yes
1266	-2.4000	0.3000	0.0000	all free	all free	Global	Yes
1267	-2.1000	0.3000	0.0000	all free	all free	Global	Yes
1268	-1.8000	0.3000	0.0000	all free	all free	Global	Yes
1269	-1.5000	0.3000	0.0000	all free	all free	Global	Yes
1270	-1.2000	0.3000	0.0000	all free	all free	Global	Yes
1271	-0.9000	0.3000	0.0000	all free	all free	Global	Yes
1272	-0.6000	0.3000	0.0000	all free	all free	Global	Yes
1273	-0.3000	0.3000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1274	0.0000	0.3000	0.0000	all free	all free	Global	Yes
1275	0.3000	0.3000	0.0000	all free	all free	Global	Yes
1276	0.6000	0.3000	0.0000	all free	all free	Global	Yes
1277	0.9000	0.3000	0.0000	all free	all free	Global	Yes
1278	1.2000	0.3000	0.0000	all free	all free	Global	Yes
1279	1.5000	0.3000	0.0000	all free	all free	Global	Yes
1280	1.8000	0.3000	0.0000	all free	all free	Global	Yes
1281	2.1000	0.3000	0.0000	all free	all free	Global	Yes
1282	2.4000	0.3000	0.0000	all free	all free	Global	Yes
1283	2.7000	0.3000	0.0000	all free	all free	Global	Yes
1284	3.0000	0.3000	0.0000	all free	all free	Global	Yes
1285	3.3000	0.3000	0.0000	all free	all free	Global	Yes
1286	3.6000	0.3000	0.0000	all free	all free	Global	Yes
1287	3.9000	0.3000	0.0000	all free	all free	Global	Yes
1288	4.2000	0.3000	0.0000	all free	all free	Global	Yes
1289	4.5000	0.3000	0.0000	all free	all free	Global	Yes
1290	4.8000	0.3000	0.0000	all free	all free	Global	Yes
1291	-4.8000	0.6000	0.0000	all free	all free	Global	Yes
1292	-4.5000	0.6000	0.0000	all free	all free	Global	Yes
1293	-4.2000	0.6000	0.0000	all free	all free	Global	Yes
1294	-3.9000	0.6000	0.0000	all free	all free	Global	Yes
1295	-3.6000	0.6000	0.0000	all free	all free	Global	Yes
1296	-3.3000	0.6000	0.0000	all free	all free	Global	Yes
1297	-3.0000	0.6000	0.0000	all free	all free	Global	Yes
1298	-2.7000	0.6000	0.0000	all free	all free	Global	Yes
1299	-2.4000	0.6000	0.0000	all free	all free	Global	Yes
1300	-2.1000	0.6000	0.0000	all free	all free	Global	Yes
1301	-1.8000	0.6000	0.0000	all free	all free	Global	Yes
1302	-1.5000	0.6000	0.0000	all free	all free	Global	Yes
1303	-1.2000	0.6000	0.0000	all free	all free	Global	Yes
1304	-0.9000	0.6000	0.0000	all free	all free	Global	Yes
1305	-0.6000	0.6000	0.0000	all free	all free	Global	Yes
1306	-0.3000	0.6000	0.0000	all free	all free	Global	Yes
1307	0.0000	0.6000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1308	0.3000	0.6000	0.0000	all free	all free	Global	Yes
1309	0.6000	0.6000	0.0000	all free	all free	Global	Yes
1310	0.9000	0.6000	0.0000	all free	all free	Global	Yes
1311	1.2000	0.6000	0.0000	all free	all free	Global	Yes
1312	1.5000	0.6000	0.0000	all free	all free	Global	Yes
1313	1.8000	0.6000	0.0000	all free	all free	Global	Yes
1314	2.1000	0.6000	0.0000	all free	all free	Global	Yes
1315	2.4000	0.6000	0.0000	all free	all free	Global	Yes
1316	2.7000	0.6000	0.0000	all free	all free	Global	Yes
1317	3.0000	0.6000	0.0000	all free	all free	Global	Yes
1318	3.3000	0.6000	0.0000	all free	all free	Global	Yes
1319	3.6000	0.6000	0.0000	all free	all free	Global	Yes
1320	3.9000	0.6000	0.0000	all free	all free	Global	Yes
1321	4.2000	0.6000	0.0000	all free	all free	Global	Yes
1322	4.5000	0.6000	0.0000	all free	all free	Global	Yes
1323	4.8000	0.6000	0.0000	all free	all free	Global	Yes
1324	-4.8000	0.6000	0.0000	all free	all free	Global	Yes
1325	-4.5000	0.6000	0.0000	all free	all free	Global	Yes
1326	-4.2000	0.6000	0.0000	all free	all free	Global	Yes
1327	-3.9000	0.6000	0.0000	all free	all free	Global	Yes
1328	-3.6000	0.6000	0.0000	all free	all free	Global	Yes
1329	-3.3000	0.6000	0.0000	all free	all free	Global	Yes
1330	-3.0000	0.6000	0.0000	all free	all free	Global	Yes
1331	-2.7000	0.6000	0.0000	all free	all free	Global	Yes
1332	-2.4000	0.6000	0.0000	all free	all free	Global	Yes
1333	-2.1000	0.6000	0.0000	all free	all free	Global	Yes
1334	-1.8000	0.6000	0.0000	all free	all free	Global	Yes
1335	-1.5000	0.6000	0.0000	all free	all free	Global	Yes
1336	-1.2000	0.6000	0.0000	all free	all free	Global	Yes
1337	-0.9000	0.6000	0.0000	all free	all free	Global	Yes
1338	-0.6000	0.6000	0.0000	all free	all free	Global	Yes
1339	-0.3000	0.6000	0.0000	all free	all free	Global	Yes
1340	0.0000	0.6000	0.0000	all free	all free	Global	Yes
1341	0.3000	0.9000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1342	0.6000	0.9000	0.0000	all free	all free	Global	Yes
1343	0.9000	0.9000	0.0000	all free	all free	Global	Yes
1344	1.2000	0.9000	0.0000	all free	all free	Global	Yes
1345	1.5000	0.9000	0.0000	all free	all free	Global	Yes
1346	1.8000	0.9000	0.0000	all free	all free	Global	Yes
1347	2.1000	0.9000	0.0000	all free	all free	Global	Yes
1348	2.4000	0.9000	0.0000	all free	all free	Global	Yes
1349	2.7000	0.9000	0.0000	all free	all free	Global	Yes
1350	3.0000	0.9000	0.0000	all free	all free	Global	Yes
1351	3.3000	0.9000	0.0000	all free	all free	Global	Yes
1352	3.6000	0.9000	0.0000	all free	all free	Global	Yes
1353	3.9000	0.9000	0.0000	all free	all free	Global	Yes
1354	4.2000	0.9000	0.0000	all free	all free	Global	Yes
1355	4.5000	0.9000	0.0000	all free	all free	Global	Yes
1356	4.8000	0.9000	0.0000	all free	all free	Global	Yes
1357	-4.8000	1.2000	0.0000	all free	all free	Global	Yes
1358	-4.5000	1.2000	0.0000	all free	all free	Global	Yes
1359	-4.2000	1.2000	0.0000	all free	all free	Global	Yes
1360	-3.9000	1.2000	0.0000	all free	all free	Global	Yes
1361	-3.6000	1.2000	0.0000	all free	all free	Global	Yes
1362	-3.3000	1.2000	0.0000	all free	all free	Global	Yes
1363	-3.0000	1.2000	0.0000	all free	all free	Global	Yes
1364	-2.7000	1.2000	0.0000	all free	all free	Global	Yes
1365	-2.4000	1.2000	0.0000	all free	all free	Global	Yes
1366	-2.1000	1.2000	0.0000	all free	all free	Global	Yes
1367	-1.8000	1.2000	0.0000	all free	all free	Global	Yes
1368	-1.5000	1.2000	0.0000	all free	all free	Global	Yes
1369	-1.2000	1.2000	0.0000	all free	all free	Global	Yes
1370	-0.9000	1.2000	0.0000	all free	all free	Global	Yes
1371	-0.6000	1.2000	0.0000	all free	all free	Global	Yes
1372	-0.3000	1.2000	0.0000	all free	all free	Global	Yes
1373	0.0000	1.2000	0.0000	all free	all free	Global	Yes
1374	0.3000	1.2000	0.0000	all free	all free	Global	Yes
1375	0.6000	1.2000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1376	0.9000	1.2000	0.0000	all free	all free	Global	Yes
1377	1.2000	1.2000	0.0000	all free	all free	Global	Yes
1378	1.5000	1.2000	0.0000	all free	all free	Global	Yes
1379	1.8000	1.2000	0.0000	all free	all free	Global	Yes
1380	2.1000	1.2000	0.0000	all free	all free	Global	Yes
1381	2.4000	1.2000	0.0000	all free	all free	Global	Yes
1382	2.7000	1.2000	0.0000	all free	all free	Global	Yes
1383	3.0000	1.2000	0.0000	all free	all free	Global	Yes
1384	3.3000	1.2000	0.0000	all free	all free	Global	Yes
1385	3.6000	1.2000	0.0000	all free	all free	Global	Yes
1386	3.9000	1.2000	0.0000	all free	all free	Global	Yes
1387	4.2000	1.2000	0.0000	all free	all free	Global	Yes
1388	4.5000	1.2000	0.0000	all free	all free	Global	Yes
1389	4.8000	1.2000	0.0000	all free	all free	Global	Yes
1390	-4.8000	1.5000	0.0000	all free	all free	Global	Yes
1391	-4.5000	1.5000	0.0000	all free	all free	Global	Yes
1392	-4.2000	1.5000	0.0000	all free	all free	Global	Yes
1393	-3.9000	1.5000	0.0000	all free	all free	Global	Yes
1394	-3.6000	1.5000	0.0000	all free	all free	Global	Yes
1395	-3.3000	1.5000	0.0000	all free	all free	Global	Yes
1396	-3.0000	1.5000	0.0000	all free	all free	Global	Yes
1397	-2.7000	1.5000	0.0000	all free	all free	Global	Yes
1398	-2.4000	1.5000	0.0000	all free	all free	Global	Yes
1399	-2.1000	1.5000	0.0000	all free	all free	Global	Yes
1400	-1.8000	1.5000	0.0000	all free	all free	Global	Yes
1401	-1.5000	1.5000	0.0000	all free	all free	Global	Yes
1402	-1.2000	1.5000	0.0000	all free	all free	Global	Yes
1403	-0.9000	1.5000	0.0000	all free	all free	Global	Yes
1404	-0.6000	1.5000	0.0000	all free	all free	Global	Yes
1405	-0.3000	1.5000	0.0000	all free	all free	Global	Yes
1406	0.0000	1.5000	0.0000	all free	all free	Global	Yes
1407	0.3000	1.5000	0.0000	all free	all free	Global	Yes
1408	0.6000	1.5000	0.0000	all free	all free	Global	Yes
1409	0.9000	1.5000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1410	1.2000	1.5000	0.0000	all free	all free	Global	Yes
1411	1.5000	1.5000	0.0000	all free	all free	Global	Yes
1412	1.8000	1.5000	0.0000	all free	all free	Global	Yes
1413	2.1000	1.5000	0.0000	all free	all free	Global	Yes
1414	2.4000	1.5000	0.0000	all free	all free	Global	Yes
1415	2.7000	1.5000	0.0000	all free	all free	Global	Yes
1416	3.0000	1.5000	0.0000	all free	all free	Global	Yes
1417	3.3000	1.5000	0.0000	all free	all free	Global	Yes
1418	3.6000	1.5000	0.0000	all free	all free	Global	Yes
1419	3.9000	1.5000	0.0000	all free	all free	Global	Yes
1420	4.2000	1.5000	0.0000	all free	all free	Global	Yes
1421	4.5000	1.5000	0.0000	all free	all free	Global	Yes
1422	4.8000	1.5000	0.0000	all free	all free	Global	Yes
1423	-4.8000	1.8000	0.0000	all free	all free	Global	Yes
1424	-4.5000	1.8000	0.0000	all free	all free	Global	Yes
1425	-4.2000	1.8000	0.0000	all free	all free	Global	Yes
1426	-3.9000	1.8000	0.0000	all free	all free	Global	Yes
1427	-3.6000	1.8000	0.0000	all free	all free	Global	Yes
1428	-3.3000	1.8000	0.0000	all free	all free	Global	Yes
1429	-3.0000	1.8000	0.0000	all free	all free	Global	Yes
1430	-2.7000	1.8000	0.0000	all free	all free	Global	Yes
1431	-2.4000	1.8000	0.0000	all free	all free	Global	Yes
1432	-2.1000	1.8000	0.0000	all free	all free	Global	Yes
1433	-1.8000	1.8000	0.0000	all free	all free	Global	Yes
1434	-1.5000	1.8000	0.0000	all free	all free	Global	Yes
1435	-1.2000	1.8000	0.0000	all free	all free	Global	Yes
1436	-0.9000	1.8000	0.0000	all free	all free	Global	Yes
1437	-0.6000	1.8000	0.0000	all free	all free	Global	Yes
1438	-0.3000	1.8000	0.0000	all free	all free	Global	Yes
1439	0.0000	1.8000	0.0000	all free	all free	Global	Yes
1440	0.3000	1.8000	0.0000	all free	all free	Global	Yes
1441	0.6000	1.8000	0.0000	all free	all free	Global	Yes
1442	0.9000	1.8000	0.0000	all free	all free	Global	Yes
1443	1.2000	1.8000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1444	1.5000	1.8000	0.0000	all free	all free	Global	Yes
1445	1.8000	1.8000	0.0000	all free	all free	Global	Yes
1446	2.1000	1.8000	0.0000	all free	all free	Global	Yes
1447	2.4000	1.8000	0.0000	all free	all free	Global	Yes
1448	2.7000	1.8000	0.0000	all free	all free	Global	Yes
1449	3.0000	1.8000	0.0000	all free	all free	Global	Yes
1450	3.3000	1.8000	0.0000	all free	all free	Global	Yes
1451	3.6000	1.8000	0.0000	all free	all free	Global	Yes
1452	3.9000	1.8000	0.0000	all free	all free	Global	Yes
1453	4.2000	1.8000	0.0000	all free	all free	Global	Yes
1454	4.5000	1.8000	0.0000	all free	all free	Global	Yes
1455	4.8000	1.8000	0.0000	all free	all free	Global	Yes
1456	-4.8000	2.1000	0.0000	all free	all free	Global	Yes
1457	-4.5000	2.1000	0.0000	all free	all free	Global	Yes
1458	-4.2000	2.1000	0.0000	all free	all free	Global	Yes
1459	-3.9000	2.1000	0.0000	all free	all free	Global	Yes
1460	-3.6000	2.1000	0.0000	all free	all free	Global	Yes
1461	-3.3000	2.1000	0.0000	all free	all free	Global	Yes
1462	-3.0000	2.1000	0.0000	all free	all free	Global	Yes
1463	-2.7000	2.1000	0.0000	all free	all free	Global	Yes
1464	-2.4000	2.1000	0.0000	all free	all free	Global	Yes
1465	-2.1000	2.1000	0.0000	all free	all free	Global	Yes
1466	-1.8000	2.1000	0.0000	all free	all free	Global	Yes
1467	-1.5000	2.1000	0.0000	all free	all free	Global	Yes
1468	-1.2000	2.1000	0.0000	all free	all free	Global	Yes
1469	-0.9000	2.1000	0.0000	all free	all free	Global	Yes
1470	-0.6000	2.1000	0.0000	all free	all free	Global	Yes
1471	-0.3000	2.1000	0.0000	all free	all free	Global	Yes
1472	0.0000	2.1000	0.0000	all free	all free	Global	Yes
1473	0.3000	2.1000	0.0000	all free	all free	Global	Yes
1474	0.6000	2.1000	0.0000	all free	all free	Global	Yes
1475	0.9000	2.1000	0.0000	all free	all free	Global	Yes
1476	1.2000	2.1000	0.0000	all free	all free	Global	Yes
1477	1.5000	2.1000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1478	1.8000	2.1000	0.0000	all free	all free	Global	Yes
1479	2.1000	2.1000	0.0000	all free	all free	Global	Yes
1480	2.4000	2.1000	0.0000	all free	all free	Global	Yes
1481	2.7000	2.1000	0.0000	all free	all free	Global	Yes
1482	3.0000	2.1000	0.0000	all free	all free	Global	Yes
1483	3.3000	2.1000	0.0000	all free	all free	Global	Yes
1484	3.6000	2.1000	0.0000	all free	all free	Global	Yes
1485	3.9000	2.1000	0.0000	all free	all free	Global	Yes
1486	4.2000	2.1000	0.0000	all free	all free	Global	Yes
1487	4.5000	2.1000	0.0000	all free	all free	Global	Yes
1488	4.8000	2.1000	0.0000	all free	all free	Global	Yes
1489	-4.8000	2.4000	0.0000	all free	all free	Global	Yes
1490	-4.5000	2.4000	0.0000	all free	all free	Global	Yes
1491	-4.2000	2.4000	0.0000	all free	all free	Global	Yes
1492	-3.9000	2.4000	0.0000	all free	all free	Global	Yes
1493	-3.6000	2.4000	0.0000	all free	all free	Global	Yes
1494	-3.3000	2.4000	0.0000	all free	all free	Global	Yes
1495	-3.0000	2.4000	0.0000	all free	all free	Global	Yes
1496	-2.7000	2.4000	0.0000	all free	all free	Global	Yes
1497	-2.4000	2.4000	0.0000	all free	all free	Global	Yes
1498	-2.1000	2.4000	0.0000	all free	all free	Global	Yes
1499	-1.8000	2.4000	0.0000	all free	all free	Global	Yes
1500	-1.5000	2.4000	0.0000	all free	all free	Global	Yes
1501	-1.2000	2.4000	0.0000	all free	all free	Global	Yes
1502	-0.9000	2.4000	0.0000	all free	all free	Global	Yes
1503	-0.6000	2.4000	0.0000	all free	all free	Global	Yes
1504	-0.3000	2.4000	0.0000	all free	all free	Global	Yes
1505	0.0000	2.4000	0.0000	all free	all free	Global	Yes
1506	0.3000	2.4000	0.0000	all free	all free	Global	Yes
1507	0.6000	2.4000	0.0000	all free	all free	Global	Yes
1508	0.9000	2.4000	0.0000	all free	all free	Global	Yes
1509	1.2000	2.4000	0.0000	all free	all free	Global	Yes
1510	1.5000	2.4000	0.0000	all free	all free	Global	Yes
1511	1.8000	2.4000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1512	2.1000	2.4000	0.0000	all free	all free	Global	Yes
1513	2.4000	2.4000	0.0000	all free	all free	Global	Yes
1514	2.7000	2.4000	0.0000	all free	all free	Global	Yes
1515	3.0000	2.4000	0.0000	all free	all free	Global	Yes
1516	3.3000	2.4000	0.0000	all free	all free	Global	Yes
1517	3.6000	2.4000	0.0000	all free	all free	Global	Yes
1518	3.9000	2.4000	0.0000	all free	all free	Global	Yes
1519	4.2000	2.4000	0.0000	all free	all free	Global	Yes
1520	4.5000	2.4000	0.0000	all free	all free	Global	Yes
1521	4.8000	2.4000	0.0000	all free	all free	Global	Yes
1522	-4.8000	2.7000	0.0000	all free	all free	Global	Yes
1523	-4.5000	2.7000	0.0000	all free	all free	Global	Yes
1524	-4.2000	2.7000	0.0000	all free	all free	Global	Yes
1525	-3.9000	2.7000	0.0000	all free	all free	Global	Yes
1526	-3.6000	2.7000	0.0000	all free	all free	Global	Yes
1527	-3.3000	2.7000	0.0000	all free	all free	Global	Yes
1528	-3.0000	2.7000	0.0000	all free	all free	Global	Yes
1529	-2.7000	2.7000	0.0000	all free	all free	Global	Yes
1530	-2.4000	2.7000	0.0000	all free	all free	Global	Yes
1531	-2.1000	2.7000	0.0000	all free	all free	Global	Yes
1532	-1.8000	2.7000	0.0000	all free	all free	Global	Yes
1533	-1.5000	2.7000	0.0000	all free	all free	Global	Yes
1534	-1.2000	2.7000	0.0000	all free	all free	Global	Yes
1535	-0.9000	2.7000	0.0000	all free	all free	Global	Yes
1536	-0.6000	2.7000	0.0000	all free	all free	Global	Yes
1537	-0.3000	2.7000	0.0000	all free	all free	Global	Yes
1538	0.0000	2.7000	0.0000	all free	all free	Global	Yes
1539	0.3000	2.7000	0.0000	all free	all free	Global	Yes
1540	0.6000	2.7000	0.0000	all free	all free	Global	Yes
1541	0.9000	2.7000	0.0000	all free	all free	Global	Yes
1542	1.2000	2.7000	0.0000	all free	all free	Global	Yes
1543	1.5000	2.7000	0.0000	all free	all free	Global	Yes
1544	1.8000	2.7000	0.0000	all free	all free	Global	Yes
1545	2.1000	2.7000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1546	2.4000	2.7000	0.0000	all free	all free	Global	Yes
1547	2.7000	2.7000	0.0000	all free	all free	Global	Yes
1548	3.0000	2.7000	0.0000	all free	all free	Global	Yes
1549	3.3000	2.7000	0.0000	all free	all free	Global	Yes
1550	3.6000	2.7000	0.0000	all free	all free	Global	Yes
1551	3.9000	2.7000	0.0000	all free	all free	Global	Yes
1552	4.2000	2.7000	0.0000	all free	all free	Global	Yes
1553	4.5000	2.7000	0.0000	all free	all free	Global	Yes
1554	4.8000	2.7000	0.0000	all free	all free	Global	Yes
1555	-4.5000	3.0000	0.0000	all free	all free	Global	Yes
1556	-4.2000	3.0000	0.0000	all free	all free	Global	Yes
1557	-3.9000	3.0000	0.0000	all free	all free	Global	Yes
1558	-3.6000	3.0000	0.0000	all free	all free	Global	Yes
1559	-3.3000	3.0000	0.0000	all free	all free	Global	Yes
1560	-3.0000	3.0000	0.0000	all free	all free	Global	Yes
1561	-2.7000	3.0000	0.0000	all free	all free	Global	Yes
1562	-2.4000	3.0000	0.0000	all free	all free	Global	Yes
1563	-2.1000	3.0000	0.0000	all free	all free	Global	Yes
1564	-1.8000	3.0000	0.0000	all free	all free	Global	Yes
1565	-1.5000	3.0000	0.0000	all free	all free	Global	Yes
1566	-1.2000	3.0000	0.0000	all free	all free	Global	Yes
1567	-0.9000	3.0000	0.0000	all free	all free	Global	Yes
1568	-0.6000	3.0000	0.0000	all free	all free	Global	Yes
1569	-0.3000	3.0000	0.0000	all free	all free	Global	Yes
1570	0.0000	3.0000	0.0000	all free	all free	Global	Yes
1571	0.3000	3.0000	0.0000	all free	all free	Global	Yes
1572	0.6000	3.0000	0.0000	all free	all free	Global	Yes
1573	0.9000	3.0000	0.0000	all free	all free	Global	Yes
1574	1.2000	3.0000	0.0000	all free	all free	Global	Yes
1575	1.5000	3.0000	0.0000	all free	all free	Global	Yes
1576	1.8000	3.0000	0.0000	all free	all free	Global	Yes
1577	2.1000	3.0000	0.0000	all free	all free	Global	Yes
1578	2.4000	3.0000	0.0000	all free	all free	Global	Yes
1579	2.7000	3.0000	0.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1580	3.0000	3.0000	0.0000	all free	all free	Global	Yes
1581	3.3000	3.0000	0.0000	all free	all free	Global	Yes
1582	3.6000	3.0000	0.0000	all free	all free	Global	Yes
1583	3.9000	3.0000	0.0000	all free	all free	Global	Yes
1584	4.2000	3.0000	0.0000	all free	all free	Global	Yes
1585	4.5000	3.0000	0.0000	all free	all free	Global	Yes
1586	0.0000	-1.8000	-1.0000	all free	all free	Global	Yes
1587	0.0000	-1.8000	-2.0000	all free	all free	Global	Yes
1588	0.0000	-1.8000	-3.0000	all free	all free	Global	Yes
1589	0.0000	-1.8000	-4.0000	all free	all free	Global	Yes
1590	0.0000	-1.8000	-5.0000	all free	all free	Global	Yes
1591	0.0000	-1.8000	-6.0000	all free	all free	Global	Yes
1592	0.0000	-1.8000	-7.0000	all free	all free	Global	Yes
1593	0.0000	-1.8000	-8.0000	all free	all free	Global	Yes
1594	0.0000	-1.8000	-9.0000	all free	all free	Global	Yes
1595	0.0000	-1.8000	-10.0000	all free	all free	Global	Yes
1596	0.0000	-1.8000	-11.0000	all free	all free	Global	Yes
1597	0.0000	-1.8000	-12.0000	all free	all free	Global	Yes
1598	0.0000	-1.8000	-13.0000	all free	all free	Global	Yes
1599	0.0000	1.8000	-1.0000	all free	all free	Global	Yes
1600	0.0000	1.8000	-2.0000	all free	all free	Global	Yes
1601	0.0000	1.8000	-3.0000	all free	all free	Global	Yes
1602	0.0000	1.8000	-4.0000	all free	all free	Global	Yes
1603	0.0000	1.8000	-5.0000	all free	all free	Global	Yes
1604	0.0000	1.8000	-6.0000	all free	all free	Global	Yes
1605	0.0000	1.8000	-7.0000	all free	all free	Global	Yes
1606	0.0000	1.8000	-8.0000	all free	all free	Global	Yes
1607	0.0000	1.8000	-9.0000	all free	all free	Global	Yes
1608	0.0000	1.8000	-10.0000	all free	all free	Global	Yes
1609	0.0000	1.8000	-11.0000	all free	all free	Global	Yes
1610	0.0000	1.8000	-12.0000	all free	all free	Global	Yes
1611	0.0000	1.8000	-13.0000	all free	all free	Global	Yes
1612	3.9000	-1.8000	-1.0000	all free	all free	Global	Yes
1613	3.6000	-1.8000	-2.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1614	3.9000	-1.8000	-3.0000	all free	all free	Global	Yes
1615	3.9000	-1.8000	-4.0000	all free	all free	Global	Yes
1616	3.9000	-1.8000	-5.0000	all free	all free	Global	Yes
1617	3.9000	-1.8000	-6.0000	all free	all free	Global	Yes
1618	3.9000	-1.8000	-7.0000	all free	all free	Global	Yes
1619	3.9000	-1.8000	-8.0000	all free	all free	Global	Yes
1620	3.9000	-1.8000	-9.0000	all free	all free	Global	Yes
1621	3.9000	-1.8000	-10.0000	all free	all free	Global	Yes
1622	3.9000	-1.8000	-11.0000	all free	all free	Global	Yes
1623	3.9000	-1.8000	-12.0000	all free	all free	Global	Yes
1624	3.9000	-1.8000	-13.0000	all free	all free	Global	Yes
1625	3.9000	1.8000	-1.0000	all free	all free	Global	Yes
1626	3.9000	1.8000	-2.0000	all free	all free	Global	Yes
1627	3.9000	1.8000	-3.0000	all free	all free	Global	Yes
1628	3.9000	1.8000	-4.0000	all free	all free	Global	Yes
1629	3.9000	1.8000	-5.0000	all free	all free	Global	Yes
1630	3.9000	1.8000	-6.0000	all free	all free	Global	Yes
1631	3.9000	1.8000	-7.0000	all free	all free	Global	Yes
1632	3.9000	1.8000	-8.0000	all free	all free	Global	Yes
1633	3.9000	1.8000	-9.0000	all free	all free	Global	Yes
1634	3.9000	1.8000	-10.0000	all free	all free	Global	Yes
1635	3.9000	1.8000	-11.0000	all free	all free	Global	Yes
1636	3.9000	1.8000	-12.0000	all free	all free	Global	Yes
1637	3.9000	1.8000	-13.0000	all free	all free	Global	Yes
1638	-1.5000	0.0000	0.5000	all free	all free	Global	Yes
1639	-1.8000	0.0000	0.5000	all free	all free	Global	Yes
1640	-1.5000	0.0000	0.0000	all free	all free	Global	Yes
1641	-1.2000	0.0000	0.5000	all free	all free	Global	Yes
1642	-0.9000	0.0000	0.5000	all free	all free	Global	Yes
1643	-0.6000	0.0000	0.5000	all free	all free	Global	Yes
1644	-0.3000	0.0000	0.5000	all free	all free	Global	Yes
1645	0.0000	0.0000	0.5000	all free	all free	Global	Yes
1646	0.3000	0.0000	0.5000	all free	all free	Global	Yes
1647	0.6000	0.0000	0.5000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement LCS	Assignment
1648	0.9000	0.0000	0.5000	all free	all free	Global	Yes
1649	1.2000	0.0000	0.5000	all free	all free	Global	Yes
1650	1.5000	0.0000	0.5000	all free	all free	Global	Yes
1651	1.8000	0.0000	0.5000	all free	all free	Global	Yes
1652	-1.5000	0.0000	1.0000	all free	all free	Global	Yes
1653	-1.8000	0.0000	1.0000	all free	all free	Global	Yes
1654	-1.2000	0.0000	1.0000	all free	all free	Global	Yes
1655	-0.9000	0.0000	1.0000	all free	all free	Global	Yes
1656	-0.6000	0.0000	1.0000	all free	all free	Global	Yes
1657	-0.3000	0.0000	1.0000	all free	all free	Global	Yes
1658	0.0000	0.0000	1.0000	all free	all free	Global	Yes
1659	0.3000	0.0000	1.0000	all free	all free	Global	Yes
1660	0.6000	0.0000	1.0000	all free	all free	Global	Yes
1661	0.9000	0.0000	1.0000	all free	all free	Global	Yes
1662	1.2000	0.0000	1.0000	all free	all free	Global	Yes
1663	1.5000	0.0000	1.0000	all free	all free	Global	Yes
1664	1.8000	0.0000	1.0000	all free	all free	Global	Yes
1665	-1.5000	0.0000	1.5000	all free	all free	Global	Yes
1666	-1.8000	0.0000	1.5000	all free	all free	Global	Yes
1667	-1.2000	0.0000	1.5000	all free	all free	Global	Yes
1668	-0.9000	0.0000	1.5000	all free	all free	Global	Yes
1669	-0.6000	0.0000	1.5000	all free	all free	Global	Yes
1670	-0.3000	0.0000	1.5000	all free	all free	Global	Yes
1671	0.0000	0.0000	1.5000	all free	all free	Global	Yes
1672	0.3000	0.0000	1.5000	all free	all free	Global	Yes
1673	0.6000	0.0000	1.5000	all free	all free	Global	Yes
1674	0.9000	0.0000	1.5000	all free	all free	Global	Yes
1675	1.2000	0.0000	1.5000	all free	all free	Global	Yes
1676	1.5000	0.0000	1.5000	all free	all free	Global	Yes
1677	1.8000	0.0000	1.5000	all free	all free	Global	Yes
1678	-1.5000	0.0000	2.0000	all free	all free	Global	Yes
1679	-1.8000	0.0000	2.0000	all free	all free	Global	Yes
1680	-1.2000	0.0000	2.0000	all free	all free	Global	Yes
1681	-0.9000	0.0000	2.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement LCS	Assignment
1682	-0.6000	0.0000	2.0000	all free	all free	Global	Yes
1683	-0.3000	0.0000	2.0000	all free	all free	Global	Yes
1684	0.0000	0.0000	2.0000	all free	all free	Global	Yes
1685	0.3000	0.0000	2.0000	all free	all free	Global	Yes
1686	0.6000	0.0000	2.0000	all free	all free	Global	Yes
1687	0.9000	0.0000	2.0000	all free	all free	Global	Yes
1688	1.2000	0.0000	2.0000	all free	all free	Global	Yes
1689	1.5000	0.0000	2.0000	all free	all free	Global	Yes
1690	1.8000	0.0000	2.0000	all free	all free	Global	Yes
1691	-1.5000	0.0000	2.5000	all free	all free	Global	Yes
1692	-1.8000	0.0000	2.5000	all free	all free	Global	Yes
1693	-1.2000	0.0000	2.5000	all free	all free	Global	Yes
1694	-0.9000	0.0000	2.5000	all free	all free	Global	Yes
1695	-0.6000	0.0000	2.5000	all free	all free	Global	Yes
1696	-0.3000	0.0000	2.5000	all free	all free	Global	Yes
1697	0.0000	0.0000	2.5000	all free	all free	Global	Yes
1698	0.3000	0.0000	2.5000	all free	all free	Global	Yes
1699	0.6000	0.0000	2.5000	all free	all free	Global	Yes
1700	0.9000	0.0000	2.5000	all free	all free	Global	Yes
1701	1.2000	0.0000	2.5000	all free	all free	Global	Yes
1702	1.5000	0.0000	2.5000	all free	all free	Global	Yes
1703	1.8000	0.0000	2.5000	all free	all free	Global	Yes
1704	-1.5000	0.0000	3.0000	all free	all free	Global	Yes
1705	-1.8000	0.0000	3.0000	all free	all free	Global	Yes
1706	-1.2000	0.0000	3.0000	all free	all free	Global	Yes
1707	-0.9000	0.0000	3.0000	all free	all free	Global	Yes
1708	-0.6000	0.0000	3.0000	all free	all free	Global	Yes
1709	-0.3000	0.0000	3.0000	all free	all free	Global	Yes
1710	0.0000	0.0000	3.0000	all free	all free	Global	Yes
1711	0.3000	0.0000	3.0000	all free	all free	Global	Yes
1712	0.6000	0.0000	3.0000	all free	all free	Global	Yes
1713	0.9000	0.0000	3.0000	all free	all free	Global	Yes
1714	1.2000	0.0000	3.0000	all free	all free	Global	Yes
1715	1.5000	0.0000	3.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1716	1.8000	0.0000	3.0000	all free	all free	Global	Yes
1717	-1.5000	0.0000	3.5000	all free	all free	Global	Yes
1718	-1.8000	0.0000	3.5000	all free	all free	Global	Yes
1719	-1.2000	0.0000	3.5000	all free	all free	Global	Yes
1720	-0.9000	0.0000	3.5000	all free	all free	Global	Yes
1721	-0.6000	0.0000	3.5000	all free	all free	Global	Yes
1722	-0.3000	0.0000	3.5000	all free	all free	Global	Yes
1723	0.0000	0.0000	3.5000	all free	all free	Global	Yes
1724	0.3000	0.0000	3.5000	all free	all free	Global	Yes
1725	0.6000	0.0000	3.5000	all free	all free	Global	Yes
1726	0.9000	0.0000	3.5000	all free	all free	Global	Yes
1727	1.2000	0.0000	3.5000	all free	all free	Global	Yes
1728	1.5000	0.0000	3.5000	all free	all free	Global	Yes
1729	1.8000	0.0000	3.5000	all free	all free	Global	Yes
1730	-1.5000	0.0000	4.0000	all free	all free	Global	Yes
1731	-1.8000	0.0000	4.0000	all free	all free	Global	Yes
1732	-1.2000	0.0000	4.0000	all free	all free	Global	Yes
1733	-0.9000	0.0000	4.0000	all free	all free	Global	Yes
1734	-0.6000	0.0000	4.0000	all free	all free	Global	Yes
1735	-0.3000	0.0000	4.0000	all free	all free	Global	Yes
1736	0.0000	0.0000	4.0000	all free	all free	Global	Yes
1737	0.3000	0.0000	4.0000	all free	all free	Global	Yes
1738	0.6000	0.0000	4.0000	all free	all free	Global	Yes
1739	0.9000	0.0000	4.0000	all free	all free	Global	Yes
1740	1.2000	0.0000	4.0000	all free	all free	Global	Yes
1741	1.5000	0.0000	4.0000	all free	all free	Global	Yes
1742	1.8000	0.0000	4.0000	all free	all free	Global	Yes
1743	-1.5000	0.0000	4.5000	all free	all free	Global	Yes
1744	-1.8000	0.0000	4.5000	all free	all free	Global	Yes
1745	-1.2000	0.0000	4.5000	all free	all free	Global	Yes
1746	-0.9000	0.0000	4.5000	all free	all free	Global	Yes
1747	-0.6000	0.0000	4.5000	all free	all free	Global	Yes
1748	-0.3000	0.0000	4.5000	all free	all free	Global	Yes
1749	0.0000	0.0000	4.5000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1750	0.3000	0.0000	4.5000	all free	all free	Global	Yes
1751	0.6000	0.0000	4.5000	all free	all free	Global	Yes
1752	0.9000	0.0000	4.5000	all free	all free	Global	Yes
1753	1.2000	0.0000	4.5000	all free	all free	Global	Yes
1754	1.5000	0.0000	4.5000	all free	all free	Global	Yes
1755	1.8000	0.0000	4.5000	all free	all free	Global	Yes
1756	-1.5000	0.0000	5.0000	all free	all free	Global	Yes
1757	-1.8000	0.0000	5.0000	all free	all free	Global	Yes
1758	-1.2000	0.0000	5.0000	all free	all free	Global	Yes
1759	-0.9000	0.0000	5.0000	all free	all free	Global	Yes
1760	-0.6000	0.0000	5.0000	all free	all free	Global	Yes
1761	-0.3000	0.0000	5.0000	all free	all free	Global	Yes
1762	0.0000	0.0000	5.0000	all free	all free	Global	Yes
1763	0.3000	0.0000	5.0000	all free	all free	Global	Yes
1764	0.6000	0.0000	5.0000	all free	all free	Global	Yes
1765	0.9000	0.0000	5.0000	all free	all free	Global	Yes
1766	1.2000	0.0000	5.0000	all free	all free	Global	Yes
1767	1.5000	0.0000	5.0000	all free	all free	Global	Yes
1768	1.8000	0.0000	5.0000	all free	all free	Global	Yes
1769	-1.5000	0.0000	5.5000	all free	all free	Global	Yes
1770	-1.8000	0.0000	5.5000	all free	all free	Global	Yes
1771	-1.2000	0.0000	5.5000	all free	all free	Global	Yes
1772	-0.9000	0.0000	5.5000	all free	all free	Global	Yes
1773	-0.6000	0.0000	5.5000	all free	all free	Global	Yes
1774	-0.3000	0.0000	5.5000	all free	all free	Global	Yes
1775	0.0000	0.0000	5.5000	all free	all free	Global	Yes
1776	0.3000	0.0000	5.5000	all free	all free	Global	Yes
1777	0.6000	0.0000	5.5000	all free	all free	Global	Yes
1778	0.9000	0.0000	5.5000	all free	all free	Global	Yes
1779	1.2000	0.0000	5.5000	all free	all free	Global	Yes
1780	1.5000	0.0000	5.5000	all free	all free	Global	Yes
1781	1.8000	0.0000	5.5000	all free	all free	Global	Yes
1782	-1.5000	0.0000	6.0000	all free	all free	Global	Yes
1783	-1.8000	0.0000	6.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1784	-1.2000	0.0000	6.0000	all free	all free	Global	Yes
1785	-0.9000	0.0000	6.0000	all free	all free	Global	Yes
1786	-0.6000	0.0000	6.0000	all free	all free	Global	Yes
1787	-0.3000	0.0000	6.0000	all free	all free	Global	Yes
1788	0.0000	0.0000	6.0000	all free	all free	Global	Yes
1789	0.3000	0.0000	6.0000	all free	all free	Global	Yes
1790	0.6000	0.0000	6.0000	all free	all free	Global	Yes
1791	0.9000	0.0000	6.0000	all free	all free	Global	Yes
1792	1.2000	0.0000	6.0000	all free	all free	Global	Yes
1793	1.5000	0.0000	6.0000	all free	all free	Global	Yes
1794	1.8000	0.0000	6.0000	all free	all free	Global	Yes
1795	-1.5000	0.0000	6.5000	all free	all free	Global	Yes
1796	-1.8000	0.0000	6.5000	all free	all free	Global	Yes
1797	-1.2000	0.0000	6.5000	all free	all free	Global	Yes
1798	-0.9000	0.0000	6.5000	all free	all free	Global	Yes
1799	-0.6000	0.0000	6.5000	all free	all free	Global	Yes
1800	-0.3000	0.0000	6.5000	all free	all free	Global	Yes
1801	0.0000	0.0000	6.5000	all free	all free	Global	Yes
1802	0.3000	0.0000	6.5000	all free	all free	Global	Yes
1803	0.6000	0.0000	6.5000	all free	all free	Global	Yes
1804	0.9000	0.0000	6.5000	all free	all free	Global	Yes
1805	1.2000	0.0000	6.5000	all free	all free	Global	Yes
1806	1.5000	0.0000	6.5000	all free	all free	Global	Yes
1807	1.8000	0.0000	6.5000	all free	all free	Global	Yes
1808	-1.5000	0.0000	7.0000	all free	all free	Global	Yes
1809	-1.8000	0.0000	7.0000	all free	all free	Global	Yes
1810	-1.2000	0.0000	7.0000	all free	all free	Global	Yes
1811	-0.9000	0.0000	7.0000	all free	all free	Global	Yes
1812	-0.6000	0.0000	7.0000	all free	all free	Global	Yes
1813	-0.3000	0.0000	7.0000	all free	all free	Global	Yes
1814	0.0000	0.0000	7.0000	all free	all free	Global	Yes
1815	0.3000	0.0000	7.0000	all free	all free	Global	Yes
1816	0.6000	0.0000	7.0000	all free	all free	Global	Yes
1817	0.9000	0.0000	7.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1818	1.2000	0.0000	7.0000	all free	all free	Global	Yes
1819	1.5000	0.0000	7.0000	all free	all free	Global	Yes
1820	1.8000	0.0000	7.0000	all free	all free	Global	Yes
1821	-1.5000	0.0000	7.5000	all free	all free	Global	Yes
1822	-1.8000	0.0000	7.5000	all free	all free	Global	Yes
1823	-1.2000	0.0000	7.5000	all free	all free	Global	Yes
1824	-0.9000	0.0000	7.5000	all free	all free	Global	Yes
1825	-0.6000	0.0000	7.5000	all free	all free	Global	Yes
1826	-0.3000	0.0000	7.5000	all free	all free	Global	Yes
1827	0.0000	0.0000	7.5000	all free	all free	Global	Yes
1828	0.3000	0.0000	7.5000	all free	all free	Global	Yes
1829	0.6000	0.0000	7.5000	all free	all free	Global	Yes
1830	0.9000	0.0000	7.5000	all free	all free	Global	Yes
1831	1.2000	0.0000	7.5000	all free	all free	Global	Yes
1832	1.5000	0.0000	7.5000	all free	all free	Global	Yes
1833	1.8000	0.0000	7.5000	all free	all free	Global	Yes
1834	-1.5000	0.0000	8.0000	all free	all free	Global	Yes
1835	-1.8000	0.0000	8.0000	all free	all free	Global	Yes
1836	-1.2000	0.0000	8.0000	all free	all free	Global	Yes
1837	-0.9000	0.0000	8.0000	all free	all free	Global	Yes
1838	-0.6000	0.0000	8.0000	all free	all free	Global	Yes
1839	-0.3000	0.0000	8.0000	all free	all free	Global	Yes
1840	0.0000	0.0000	8.0000	all free	all free	Global	Yes
1841	0.3000	0.0000	8.0000	all free	all free	Global	Yes
1842	0.6000	0.0000	8.0000	all free	all free	Global	Yes
1843	0.9000	0.0000	8.0000	all free	all free	Global	Yes
1844	1.2000	0.0000	8.0000	all free	all free	Global	Yes
1845	1.5000	0.0000	8.0000	all free	all free	Global	Yes
1846	1.8000	0.0000	8.0000	all free	all free	Global	Yes
1847	-1.5000	0.0000	8.5000	all free	all free	Global	Yes
1848	-1.8000	0.0000	8.5000	all free	all free	Global	Yes
1849	-1.2000	0.0000	8.5000	all free	all free	Global	Yes
1850	-0.9000	0.0000	8.5000	all free	all free	Global	Yes
1851	-0.6000	0.0000	8.5000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1852	-0.3000	0.0000	8.5000	all free	all free	Global	Yes
1853	0.0000	0.0000	8.5000	all free	all free	Global	Yes
1854	0.3000	0.0000	8.5000	all free	all free	Global	Yes
1855	0.6000	0.0000	8.5000	all free	all free	Global	Yes
1856	0.9000	0.0000	8.5000	all free	all free	Global	Yes
1857	1.2000	0.0000	8.5000	all free	all free	Global	Yes
1858	1.5000	0.0000	8.5000	all free	all free	Global	Yes
1859	1.8000	0.0000	8.5000	all free	all free	Global	Yes
1860	-1.5000	0.0000	9.0000	all free	all free	Global	Yes
1861	-1.8000	0.0000	9.0000	all free	all free	Global	Yes
1862	-1.2000	0.0000	9.0000	all free	all free	Global	Yes
1863	-0.9000	0.0000	9.0000	all free	all free	Global	Yes
1864	-0.6000	0.0000	9.0000	all free	all free	Global	Yes
1865	-0.3000	0.0000	9.0000	all free	all free	Global	Yes
1866	0.0000	0.0000	9.0000	all free	all free	Global	Yes
1867	0.3000	0.0000	9.0000	all free	all free	Global	Yes
1868	0.6000	0.0000	9.0000	all free	all free	Global	Yes
1869	0.9000	0.0000	9.0000	all free	all free	Global	Yes
1870	1.2000	0.0000	9.0000	all free	all free	Global	Yes
1871	1.5000	0.0000	9.0000	all free	all free	Global	Yes
1872	1.8000	0.0000	9.0000	all free	all free	Global	Yes
1873	-1.5000	0.0000	9.5000	all free	all free	Global	Yes
1874	-1.8000	0.0000	9.5000	all free	all free	Global	Yes
1875	-1.2000	0.0000	9.5000	all free	all free	Global	Yes
1876	-0.9000	0.0000	9.5000	all free	all free	Global	Yes
1877	-0.6000	0.0000	9.5000	all free	all free	Global	Yes
1878	-0.3000	0.0000	9.5000	all free	all free	Global	Yes
1879	0.0000	0.0000	9.5000	all free	all free	Global	Yes
1880	0.3000	0.0000	9.5000	all free	all free	Global	Yes
1881	0.6000	0.0000	9.5000	all free	all free	Global	Yes
1882	0.9000	0.0000	9.5000	all free	all free	Global	Yes
1883	1.2000	0.0000	9.5000	all free	all free	Global	Yes
1884	1.5000	0.0000	9.5000	all free	all free	Global	Yes
1885	1.8000	0.0000	9.5000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1886	-1.5000	0.0000	10.0000	all free	all free	Global	Yes
1887	-1.8000	0.0000	10.0000	all free	all free	Global	Yes
1888	-1.2000	0.0000	10.0000	all free	all free	Global	Yes
1889	-0.9000	0.0000	10.0000	all free	all free	Global	Yes
1890	-0.6000	0.0000	10.0000	all free	all free	Global	Yes
1891	-0.3000	0.0000	10.0000	all free	all free	Global	Yes
1892	0.0000	0.0000	10.0000	all free	all free	Global	Yes
1893	0.3000	0.0000	10.0000	all free	all free	Global	Yes
1894	0.6000	0.0000	10.0000	all free	all free	Global	Yes
1895	0.9000	0.0000	10.0000	all free	all free	Global	Yes
1896	1.2000	0.0000	10.0000	all free	all free	Global	Yes
1897	1.5000	0.0000	10.0000	all free	all free	Global	Yes
1898	1.8000	0.0000	10.0000	all free	all free	Global	Yes
1899	-1.5000	0.0000	10.5000	all free	all free	Global	Yes
1900	-1.8000	0.0000	10.5000	all free	all free	Global	Yes
1901	-1.2000	0.0000	10.5000	all free	all free	Global	Yes
1902	-0.9000	0.0000	10.5000	all free	all free	Global	Yes
1903	-0.6000	0.0000	10.5000	all free	all free	Global	Yes
1904	-0.3000	0.0000	10.5000	all free	all free	Global	Yes
1905	0.0000	0.0000	10.5000	all free	all free	Global	Yes
1906	0.3000	0.0000	10.5000	all free	all free	Global	Yes
1907	0.6000	0.0000	10.5000	all free	all free	Global	Yes
1908	0.9000	0.0000	10.5000	all free	all free	Global	Yes
1909	1.2000	0.0000	10.5000	all free	all free	Global	Yes
1910	1.5000	0.0000	10.5000	all free	all free	Global	Yes
1911	1.8000	0.0000	10.5000	all free	all free	Global	Yes
1912	-1.5000	0.0000	11.0000	all free	all free	Global	Yes
1913	-1.8000	0.0000	11.0000	all free	all free	Global	Yes
1914	-1.2000	0.0000	11.0000	all free	all free	Global	Yes
1915	-0.9000	0.0000	11.0000	all free	all free	Global	Yes
1916	-0.6000	0.0000	11.0000	all free	all free	Global	Yes
1917	-0.3000	0.0000	11.0000	all free	all free	Global	Yes
1918	0.0000	0.0000	11.0000	all free	all free	Global	Yes
1919	0.3000	0.0000	11.0000	all free	all free	Global	Yes

INPUT : Joints

ID	X (m)	Y (m)	Z (m)	Translation DOF	Rotation DOF	Displacement UCS	Assignment
1920	0.8000	0.0000	11.0000	all free	all free	Global	Yes
1921	0.9000	0.0000	11.0000	all free	all free	Global	Yes
1922	1.2000	0.0000	11.0000	all free	all free	Global	Yes
1923	1.5000	0.0000	11.0000	all free	all free	Global	Yes
1924	1.8000	0.0000	11.0000	all free	all free	Global	Yes

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (s/L)	Rigid Zone from End (s/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
1	1031	324	-	Beam	PILOTE	(same as start)	FC=350KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
21	324	414	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
22	414	415	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
23	415	416	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
24	416	417	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
25	417	418	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
26	418	419	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
27	419	420	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
28	420	421	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
29	421	422	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
30	422	423	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
31	423	424	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
32	424	425	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
46	1427	880	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
47	880	881	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
48	881	882	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
49	882	883	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
50	883	884	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
51	884	885	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
52	885	886	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
53	886	887	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
54	887	888	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
55	888	889	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
56	889	890	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (s/L)	Rigid Zone from End (s/L)	Orientation Angle (deg)	Casting (day)	Structure / Construction Group
57	890	891	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
58	891	892	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
59	1045	1586	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
60	1586	1587	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
61	1587	1588	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
62	1588	1589	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
63	1589	1590	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
64	1590	1591	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
65	1591	1592	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
66	1592	1593	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
67	1593	1594	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
68	1594	1595	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
69	1595	1596	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
70	1596	1597	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
71	1597	1598	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
72	1438	1599	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
73	1599	1600	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
74	1600	1601	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
75	1601	1602	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
76	1602	1603	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
77	1603	1604	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
78	1604	1605	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
79	1605	1606	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
80	1606	1607	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
81	1607	1608	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
82	1608	1609	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
83	1609	1610	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
84	1610	1611	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
85	1055	1612	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
86	1612	1613	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
87	1613	1614	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
88	1614	1615	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
89	1615	1616	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
90	1616	1617	-	Beam	PILOTE	(same as start)	FC=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Members

ID	I-Joint	J-Joint	Span	Type	Section at Start	Section at End	Material	Prestress Force (m-ton)	Length (m)	Rigid Zone from Start (x/L)	Rigid Zone from End (x/L)	Orientation Angle (deg)	Casing (dia)	Structure / Construction Group
91	1617	1618	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
92	1618	1619	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
93	1619	1620	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
94	1620	1621	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
95	1621	1622	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
96	1622	1623	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
97	1623	1624	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
98	1451	1625	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
99	1625	1626	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
100	1626	1627	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
101	1627	1628	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
102	1628	1629	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
103	1629	1630	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
104	1630	1631	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
105	1631	1632	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
106	1632	1633	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
107	1633	1634	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
108	1634	1635	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
109	1635	1636	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)
110	1636	1637	-	Beam	PILOTE	(same as start)	F'C=250KG/CM2	0.0000	1	0.0000	0.0000	90.0000	0	(none)

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
52	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
53	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
55	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
57	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
58	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
61	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
64	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
68	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
71	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
75	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
82	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
91	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
92	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
94	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
97	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
104	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
105	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
109	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Member End Offsets

ID	I-Offset X (m)	I-Offset Y (m)	I-Offset Z (m)	J-Offset X (m)	J-Offset Y (m)	J-Offset Z (m)
110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/cm)	K Compression (m-ton/cm)	Maximum Tension (m-ton or m-ton/cm)	Maximum Compression (m-ton or m-ton/cm)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
1	324	(none)	Nonlinear	Trans, Y	184.5500	184.5500	5.4700	5.4700	0.0000	0.0000	(none)	(none)
2	414	(none)	Nonlinear	Trans, Y	369.1100	369.1100	10.0800	10.0800	0.0000	0.0000	(none)	(none)
3	415	(none)	Nonlinear	Trans, Y	553.6600	553.6600	14.1700	14.1700	0.0000	0.0000	(none)	(none)
4	416	(none)	Nonlinear	Trans, Y	738.2200	738.2200	17.8700	17.8700	0.0000	0.0000	(none)	(none)
5	417	(none)	Nonlinear	Trans, Y	922.7700	922.7700	21.3000	21.3000	0.0000	0.0000	(none)	(none)
6	418	(none)	Nonlinear	Trans, Y	1,107.3300	1,107.3300	24.5200	24.5200	0.0000	0.0000	(none)	(none)
7	419	(none)	Nonlinear	Trans, Y	1,291.8800	1,291.8800	27.5000	27.5000	0.0000	0.0000	(none)	(none)
8	420	(none)	Nonlinear	Trans, Y	1,476.4400	1,476.4400	31.1300	31.1300	0.0000	0.0000	(none)	(none)
9	421	(none)	Nonlinear	Trans, Y	1,660.9900	1,660.9900	48.4700	48.4700	0.0000	0.0000	(none)	(none)
10	422	(none)	Nonlinear	Trans, Y	1,845.5500	1,845.5500	53.1100	53.1100	0.0000	0.0000	(none)	(none)
11	423	(none)	Nonlinear	Trans, Y	2,030.1000	2,030.1000	57.6400	57.6400	0.0000	0.0000	(none)	(none)
12	424	(none)	Nonlinear	Trans, Y	2,214.6600	2,214.6600	62.0700	62.0700	0.0000	0.0000	(none)	(none)
13	425	(none)	Nonlinear	Trans, Y	1,199.8100	1,199.8100	33.2000	33.2000	0.0000	0.0000	(none)	(none)
14	324	(none)	Nonlinear	Trans, X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
15	414	(none)	Nonlinear	Trans, X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
16	415	(none)	Nonlinear	Trans, X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
17	416	(none)	Nonlinear	Trans, X	738.2200	738.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
18	417	(none)	Nonlinear	Trans, X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
19	418	(none)	Nonlinear	Trans, X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
20	419	(none)	Nonlinear	Trans, X	1,291.8800	1,291.8800	21.3000	21.3000	0.0000	0.0000	(none)	(none)
21	420	(none)	Nonlinear	Trans, X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
22	421	(none)	Nonlinear	Trans, X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
23	422	(none)	Nonlinear	Trans, X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
24	423	(none)	Nonlinear	Trans, X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
25	424	(none)	Nonlinear	Trans, X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
26	425	(none)	Nonlinear	Trans, X	1,199.8100	1,199.8100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
27	425	(none)	Linear	Trans, Z	48,000.0000	48,000.0000					(none)	(none)
55	880	(none)	Nonlinear	Trans, Y	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton/m)	Maximum Compression (m-ton or m-ton/m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
56	881	(none)	Nonlinear	Trans, Y	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
57	882	(none)	Nonlinear	Trans, Y	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
58	883	(none)	Nonlinear	Trans, Y	738.2200	738.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
59	884	(none)	Nonlinear	Trans, Y	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
60	885	(none)	Nonlinear	Trans, Y	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
61	886	(none)	Nonlinear	Trans, Y	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
62	887	(none)	Nonlinear	Trans, Y	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
63	888	(none)	Nonlinear	Trans, Y	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
64	889	(none)	Nonlinear	Trans, Y	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
65	890	(none)	Nonlinear	Trans, Y	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
66	891	(none)	Nonlinear	Trans, Y	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
67	892	(none)	Nonlinear	Trans, Y	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
68	880	(none)	Nonlinear	Trans, X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
69	881	(none)	Nonlinear	Trans, X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
70	882	(none)	Nonlinear	Trans, X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
71	883	(none)	Nonlinear	Trans, X	738.2200	738.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
72	884	(none)	Nonlinear	Trans, X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
73	885	(none)	Nonlinear	Trans, X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
74	886	(none)	Nonlinear	Trans, X	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
75	887	(none)	Nonlinear	Trans, X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
76	888	(none)	Nonlinear	Trans, X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
77	889	(none)	Nonlinear	Trans, X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
78	890	(none)	Nonlinear	Trans, X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
79	891	(none)	Nonlinear	Trans, X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
80	892	(none)	Nonlinear	Trans, X	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
81	882	(none)	Linear	Trans, Z	49,000.0000	49,000.0000					(none)	(none)
82	1586	(none)	Nonlinear	Trans, Y	184.5500	184.5500	5.4700	5.4700	0.0000	0.0000	(none)	(none)
83	1587	(none)	Nonlinear	Trans, Y	369.1100	369.1100	10.0800	10.0800	0.0000	0.0000	(none)	(none)
84	1588	(none)	Nonlinear	Trans, Y	553.6600	553.6600	14.1700	14.1700	0.0000	0.0000	(none)	(none)
85	1589	(none)	Nonlinear	Trans, Y	738.2200	738.2200	17.8700	17.8700	0.0000	0.0000	(none)	(none)
86	1590	(none)	Nonlinear	Trans, Y	922.7700	922.7700	21.3000	21.3000	0.0000	0.0000	(none)	(none)
87	1591	(none)	Nonlinear	Trans, Y	1,107.3300	1,107.3300	24.5200	24.5200	0.0000	0.0000	(none)	(none)
88	1592	(none)	Nonlinear	Trans, Y	1,291.8800	1,291.8800	27.5900	27.5900	0.0000	0.0000	(none)	(none)
89	1593	(none)	Nonlinear	Trans, Y	1,476.4400	1,476.4400	31.1300	31.1300	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton/m)	Maximum Compression (m-ton or m-ton/m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
90	1594	(none)	Nonlinear	Trans, Y	1,660.9900	1,660.9900	48.4700	48.4700	0.0000	0.0000	(none)	(none)
91	1595	(none)	Nonlinear	Trans, Y	1,845.5500	1,845.5500	53.1100	53.1100	0.0000	0.0000	(none)	(none)
92	1596	(none)	Nonlinear	Trans, Y	2,030.1000	2,030.1000	57.6400	57.6400	0.0000	0.0000	(none)	(none)
93	1597	(none)	Nonlinear	Trans, Y	2,214.6600	2,214.6600	62.0700	62.0700	0.0000	0.0000	(none)	(none)
94	1598	(none)	Nonlinear	Trans, Y	1,199.6100	1,199.6100	33.2000	33.2000	0.0000	0.0000	(none)	(none)
95	1586	(none)	Nonlinear	Trans, X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
96	1587	(none)	Nonlinear	Trans, X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
97	1588	(none)	Nonlinear	Trans, X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
98	1589	(none)	Nonlinear	Trans, X	738.2200	738.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
99	1590	(none)	Nonlinear	Trans, X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
100	1591	(none)	Nonlinear	Trans, X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
101	1592	(none)	Nonlinear	Trans, X	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
102	1593	(none)	Nonlinear	Trans, X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
103	1594	(none)	Nonlinear	Trans, X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
104	1595	(none)	Nonlinear	Trans, X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
105	1596	(none)	Nonlinear	Trans, X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
106	1597	(none)	Nonlinear	Trans, X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
107	1598	(none)	Nonlinear	Trans, X	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
108	1598	(none)	Linear	Trans, Z	49,000.0000	49,000.0000					(none)	(none)
109	1599	(none)	Nonlinear	Trans, Y	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
110	1600	(none)	Nonlinear	Trans, Y	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
111	1601	(none)	Nonlinear	Trans, Y	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
112	1602	(none)	Nonlinear	Trans, Y	738.2200	738.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
113	1603	(none)	Nonlinear	Trans, Y	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
114	1604	(none)	Nonlinear	Trans, Y	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
115	1605	(none)	Nonlinear	Trans, Y	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
116	1606	(none)	Nonlinear	Trans, Y	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
117	1607	(none)	Nonlinear	Trans, Y	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
118	1608	(none)	Nonlinear	Trans, Y	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
119	1609	(none)	Nonlinear	Trans, Y	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
120	1610	(none)	Nonlinear	Trans, Y	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
121	1611	(none)	Nonlinear	Trans, Y	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
122	1599	(none)	Nonlinear	Trans, X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
123	1600	(none)	Nonlinear	Trans, X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
124	1601	(none)	Nonlinear	Trans. X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
125	1602	(none)	Nonlinear	Trans. X	736.2200	736.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
126	1603	(none)	Nonlinear	Trans. X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
127	1604	(none)	Nonlinear	Trans. X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
128	1605	(none)	Nonlinear	Trans. X	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
129	1606	(none)	Nonlinear	Trans. X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
130	1607	(none)	Nonlinear	Trans. X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
131	1608	(none)	Nonlinear	Trans. X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
132	1609	(none)	Nonlinear	Trans. X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
133	1610	(none)	Nonlinear	Trans. X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
134	1611	(none)	Nonlinear	Trans. X	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
135	1611	(none)	Linear	Trans. Z	49,000.0000	49,000.0000					(none)	(none)
136	1612	(none)	Nonlinear	Trans. Y	184.5500	184.5500	5.4700	5.4700	0.0000	0.0000	(none)	(none)
137	1613	(none)	Nonlinear	Trans. Y	369.1100	369.1100	10.0900	10.0900	0.0000	0.0000	(none)	(none)
138	1614	(none)	Nonlinear	Trans. Y	553.6600	553.6600	14.1700	14.1700	0.0000	0.0000	(none)	(none)
139	1615	(none)	Nonlinear	Trans. Y	736.2200	736.2200	17.8700	17.8700	0.0000	0.0000	(none)	(none)
140	1616	(none)	Nonlinear	Trans. Y	922.7700	922.7700	21.3000	21.3000	0.0000	0.0000	(none)	(none)
141	1617	(none)	Nonlinear	Trans. Y	1,107.3300	1,107.3300	24.5200	24.5200	0.0000	0.0000	(none)	(none)
142	1618	(none)	Nonlinear	Trans. Y	1,291.8800	1,291.8800	27.5900	27.5900	0.0000	0.0000	(none)	(none)
143	1619	(none)	Nonlinear	Trans. Y	1,476.4400	1,476.4400	31.1300	31.1300	0.0000	0.0000	(none)	(none)
144	1620	(none)	Nonlinear	Trans. Y	1,660.9900	1,660.9900	48.4700	48.4700	0.0000	0.0000	(none)	(none)
145	1621	(none)	Nonlinear	Trans. Y	1,845.5500	1,845.5500	53.1100	53.1100	0.0000	0.0000	(none)	(none)
146	1622	(none)	Nonlinear	Trans. Y	2,030.1000	2,030.1000	57.6400	57.6400	0.0000	0.0000	(none)	(none)
147	1623	(none)	Nonlinear	Trans. Y	2,214.6600	2,214.6600	62.0700	62.0700	0.0000	0.0000	(none)	(none)
148	1624	(none)	Nonlinear	Trans. Y	1,199.6100	1,199.6100	33.2000	33.2000	0.0000	0.0000	(none)	(none)
149	1612	(none)	Nonlinear	Trans. X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
150	1613	(none)	Nonlinear	Trans. X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
151	1614	(none)	Nonlinear	Trans. X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
152	1615	(none)	Nonlinear	Trans. X	736.2200	736.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
153	1616	(none)	Nonlinear	Trans. X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
154	1617	(none)	Nonlinear	Trans. X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
155	1618	(none)	Nonlinear	Trans. X	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
156	1619	(none)	Nonlinear	Trans. X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
157	1620	(none)	Nonlinear	Trans. X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)

INPUT : Springs

ID	I-Joint	J-Joint	Type	Direction	K Tension (m-ton/m)	K Compression (m-ton/m)	Maximum Tension (m-ton or m-ton-m)	Maximum Compression (m-ton or m-ton-m)	Hook (m)	Gap (m)	Properties Definition	Structure / Construction Group
158	1621	(none)	Nonlinear	Trans. X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
159	1622	(none)	Nonlinear	Trans. X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
160	1623	(none)	Nonlinear	Trans. X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
161	1624	(none)	Nonlinear	Trans. X	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
162	1624	(none)	Linear	Trans. Z	49,000.0000	49,000.0000					(none)	(none)
163	1625	(none)	Nonlinear	Trans. Y	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
164	1626	(none)	Nonlinear	Trans. Y	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
165	1627	(none)	Nonlinear	Trans. Y	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
166	1628	(none)	Nonlinear	Trans. Y	736.2200	736.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
167	1629	(none)	Nonlinear	Trans. Y	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
168	1630	(none)	Nonlinear	Trans. Y	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
169	1631	(none)	Nonlinear	Trans. Y	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
170	1632	(none)	Nonlinear	Trans. Y	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
171	1633	(none)	Nonlinear	Trans. Y	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
172	1634	(none)	Nonlinear	Trans. Y	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
173	1635	(none)	Nonlinear	Trans. Y	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
174	1636	(none)	Nonlinear	Trans. Y	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
175	1637	(none)	Nonlinear	Trans. Y	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
176	1625	(none)	Nonlinear	Trans. X	184.5500	184.5500	4.2300	4.2300	0.0000	0.0000	(none)	(none)
177	1626	(none)	Nonlinear	Trans. X	369.1100	369.1100	7.8000	7.8000	0.0000	0.0000	(none)	(none)
178	1627	(none)	Nonlinear	Trans. X	553.6600	553.6600	10.9600	10.9600	0.0000	0.0000	(none)	(none)
179	1628	(none)	Nonlinear	Trans. X	736.2200	736.2200	13.8200	13.8200	0.0000	0.0000	(none)	(none)
180	1629	(none)	Nonlinear	Trans. X	922.7700	922.7700	16.4700	16.4700	0.0000	0.0000	(none)	(none)
181	1630	(none)	Nonlinear	Trans. X	1,107.3300	1,107.3300	18.9700	18.9700	0.0000	0.0000	(none)	(none)
182	1631	(none)	Nonlinear	Trans. X	1,291.8800	1,291.8800	21.3300	21.3300	0.0000	0.0000	(none)	(none)
183	1632	(none)	Nonlinear	Trans. X	1,476.4400	1,476.4400	24.0800	24.0800	0.0000	0.0000	(none)	(none)
184	1633	(none)	Nonlinear	Trans. X	1,660.9900	1,660.9900	37.4900	37.4900	0.0000	0.0000	(none)	(none)
185	1634	(none)	Nonlinear	Trans. X	1,845.5500	1,845.5500	41.0700	41.0700	0.0000	0.0000	(none)	(none)
186	1635	(none)	Nonlinear	Trans. X	2,030.1000	2,030.1000	44.5800	44.5800	0.0000	0.0000	(none)	(none)
187	1636	(none)	Nonlinear	Trans. X	2,214.6600	2,214.6600	48.0000	48.0000	0.0000	0.0000	(none)	(none)
188	1637	(none)	Nonlinear	Trans. X	1,199.6100	1,199.6100	25.6800	25.6800	0.0000	0.0000	(none)	(none)
189	1637	(none)	Linear	Trans. Z	49,000.0000	49,000.0000					(none)	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
1	Thin/Thick Shell	893	929	929	897	FC=210KG/CM2	1.5000	.09	(none)
2	Thin/Thick Shell	897	929	930	898	FC=210KG/CM2	1.5000	.09	(none)
3	Thin/Thick Shell	898	930	931	899	FC=210KG/CM2	1.5000	.09	(none)
4	Thin/Thick Shell	899	931	932	900	FC=210KG/CM2	1.5000	.09	(none)
5	Thin/Thick Shell	900	932	933	901	FC=210KG/CM2	1.5000	.09	(none)
6	Thin/Thick Shell	901	933	934	902	FC=210KG/CM2	1.5000	.09	(none)
7	Thin/Thick Shell	902	934	935	903	FC=210KG/CM2	1.5000	.09	(none)
8	Thin/Thick Shell	903	935	936	904	FC=210KG/CM2	1.5000	.09	(none)
9	Thin/Thick Shell	904	936	937	905	FC=210KG/CM2	1.5000	.09	(none)
10	Thin/Thick Shell	905	937	938	906	FC=210KG/CM2	1.5000	.09	(none)
11	Thin/Thick Shell	906	938	939	907	FC=210KG/CM2	1.5000	.09	(none)
12	Thin/Thick Shell	907	939	940	908	FC=210KG/CM2	1.5000	.09	(none)
13	Thin/Thick Shell	908	940	941	909	FC=210KG/CM2	1.5000	.09	(none)
14	Thin/Thick Shell	909	941	942	910	FC=210KG/CM2	1.5000	.09	(none)
15	Thin/Thick Shell	910	942	943	911	FC=210KG/CM2	1.5000	.09	(none)
16	Thin/Thick Shell	911	943	944	912	FC=210KG/CM2	1.5000	.09	(none)
17	Thin/Thick Shell	912	944	945	913	FC=210KG/CM2	1.5000	.09	(none)
18	Thin/Thick Shell	913	945	946	914	FC=210KG/CM2	1.5000	.09	(none)
19	Thin/Thick Shell	914	946	947	915	FC=210KG/CM2	1.5000	.09	(none)
20	Thin/Thick Shell	915	947	948	916	FC=210KG/CM2	1.5000	.09	(none)
21	Thin/Thick Shell	916	948	949	917	FC=210KG/CM2	1.5000	.09	(none)
22	Thin/Thick Shell	917	949	950	918	FC=210KG/CM2	1.5000	.09	(none)
23	Thin/Thick Shell	918	950	951	919	FC=210KG/CM2	1.5000	.09	(none)
24	Thin/Thick Shell	919	951	952	920	FC=210KG/CM2	1.5000	.09	(none)
25	Thin/Thick Shell	920	952	953	921	FC=210KG/CM2	1.5000	.09	(none)
26	Thin/Thick Shell	921	953	954	922	FC=210KG/CM2	1.5000	.09	(none)
27	Thin/Thick Shell	922	954	955	923	FC=210KG/CM2	1.5000	.09	(none)
28	Thin/Thick Shell	923	955	956	924	FC=210KG/CM2	1.5000	.09	(none)
29	Thin/Thick Shell	924	956	957	925	FC=210KG/CM2	1.5000	.09	(none)
30	Thin/Thick Shell	925	957	958	926	FC=210KG/CM2	1.5000	.09	(none)
31	Thin/Thick Shell	926	958	959	927	FC=210KG/CM2	1.5000	.09	(none)
32	Thin/Thick Shell	927	959	960	896	FC=210KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
33	Thin/Thick Shell	928	961	962	929	FC=210KG/CM2	1.5000	.09	(none)
34	Thin/Thick Shell	929	962	963	930	FC=210KG/CM2	1.5000	.09	(none)
35	Thin/Thick Shell	930	963	964	931	FC=210KG/CM2	1.5000	.09	(none)
36	Thin/Thick Shell	931	964	965	932	FC=210KG/CM2	1.5000	.09	(none)
37	Thin/Thick Shell	932	965	966	933	FC=210KG/CM2	1.5000	.09	(none)
38	Thin/Thick Shell	933	966	967	934	FC=210KG/CM2	1.5000	.09	(none)
39	Thin/Thick Shell	934	967	968	935	FC=210KG/CM2	1.5000	.09	(none)
40	Thin/Thick Shell	935	968	969	936	FC=210KG/CM2	1.5000	.09	(none)
41	Thin/Thick Shell	936	969	970	937	FC=210KG/CM2	1.5000	.09	(none)
42	Thin/Thick Shell	937	970	971	938	FC=210KG/CM2	1.5000	.09	(none)
43	Thin/Thick Shell	938	971	972	939	FC=210KG/CM2	1.5000	.09	(none)
44	Thin/Thick Shell	939	972	973	940	FC=210KG/CM2	1.5000	.09	(none)
45	Thin/Thick Shell	940	973	974	941	FC=210KG/CM2	1.5000	.09	(none)
46	Thin/Thick Shell	941	974	975	942	FC=210KG/CM2	1.5000	.09	(none)
47	Thin/Thick Shell	942	975	976	943	FC=210KG/CM2	1.5000	.09	(none)
48	Thin/Thick Shell	943	976	977	944	FC=210KG/CM2	1.5000	.09	(none)
49	Thin/Thick Shell	944	977	978	945	FC=210KG/CM2	1.5000	.09	(none)
50	Thin/Thick Shell	945	978	979	946	FC=210KG/CM2	1.5000	.09	(none)
51	Thin/Thick Shell	946	979	980	947	FC=210KG/CM2	1.5000	.09	(none)
52	Thin/Thick Shell	947	980	981	948	FC=210KG/CM2	1.5000	.09	(none)
53	Thin/Thick Shell	948	981	982	949	FC=210KG/CM2	1.5000	.09	(none)
54	Thin/Thick Shell	949	982	983	950	FC=210KG/CM2	1.5000	.09	(none)
55	Thin/Thick Shell	950	983	984	951	FC=210KG/CM2	1.5000	.09	(none)
56	Thin/Thick Shell	951	984	985	952	FC=210KG/CM2	1.5000	.09	(none)
57	Thin/Thick Shell	952	985	986	953	FC=210KG/CM2	1.5000	.09	(none)
58	Thin/Thick Shell	953	986	987	954	FC=210KG/CM2	1.5000	.09	(none)
59	Thin/Thick Shell	954	987	988	955	FC=210KG/CM2	1.5000	.09	(none)
60	Thin/Thick Shell	955	988	989	956	FC=210KG/CM2	1.5000	.09	(none)
61	Thin/Thick Shell	956	989	990	957	FC=210KG/CM2	1.5000	.09	(none)
62	Thin/Thick Shell	957	990	991	958	FC=210KG/CM2	1.5000	.09	(none)
63	Thin/Thick Shell	958	991	992	959	FC=210KG/CM2	1.5000	.09	(none)
64	Thin/Thick Shell	959	992	993	960	FC=210KG/CM2	1.5000	.09	(none)
65	Thin/Thick Shell	961	994	995	962	FC=210KG/CM2	1.5000	.09	(none)
66	Thin/Thick Shell	962	995	996	963	FC=210KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
67	Thin/Thick Shell	963	996	997	964	FC=250KG/CM2	1.5000	.00	[none]
68	Thin/Thick Shell	964	997	998	965	FC=250KG/CM2	1.5000	.00	[none]
69	Thin/Thick Shell	965	998	999	966	FC=250KG/CM2	1.5000	.00	[none]
70	Thin/Thick Shell	966	999	1000	967	FC=250KG/CM2	1.5000	.00	[none]
71	Thin/Thick Shell	967	1000	1001	968	FC=250KG/CM2	1.5000	.00	[none]
72	Thin/Thick Shell	968	1001	1002	969	FC=250KG/CM2	1.5000	.00	[none]
73	Thin/Thick Shell	969	1002	1003	970	FC=250KG/CM2	1.5000	.00	[none]
74	Thin/Thick Shell	970	1003	1004	971	FC=250KG/CM2	1.5000	.00	[none]
75	Thin/Thick Shell	971	1004	1005	972	FC=250KG/CM2	1.5000	.00	[none]
76	Thin/Thick Shell	972	1005	1006	973	FC=250KG/CM2	1.5000	.00	[none]
77	Thin/Thick Shell	973	1006	1007	974	FC=250KG/CM2	1.5000	.00	[none]
78	Thin/Thick Shell	974	1007	1008	975	FC=250KG/CM2	1.5000	.00	[none]
79	Thin/Thick Shell	975	1008	1009	976	FC=250KG/CM2	1.5000	.00	[none]
80	Thin/Thick Shell	976	1009	1010	977	FC=250KG/CM2	1.5000	.00	[none]
81	Thin/Thick Shell	977	1010	1011	978	FC=250KG/CM2	1.5000	.00	[none]
82	Thin/Thick Shell	978	1011	1012	979	FC=250KG/CM2	1.5000	.00	[none]
83	Thin/Thick Shell	979	1012	1013	980	FC=250KG/CM2	1.5000	.00	[none]
84	Thin/Thick Shell	980	1013	1014	981	FC=250KG/CM2	1.5000	.00	[none]
85	Thin/Thick Shell	981	1014	1015	982	FC=250KG/CM2	1.5000	.00	[none]
86	Thin/Thick Shell	982	1015	1016	983	FC=250KG/CM2	1.5000	.00	[none]
87	Thin/Thick Shell	983	1016	1017	984	FC=250KG/CM2	1.5000	.00	[none]
88	Thin/Thick Shell	984	1017	1018	985	FC=250KG/CM2	1.5000	.00	[none]
89	Thin/Thick Shell	985	1018	1019	986	FC=250KG/CM2	1.5000	.00	[none]
90	Thin/Thick Shell	986	1019	1020	987	FC=250KG/CM2	1.5000	.00	[none]
91	Thin/Thick Shell	987	1020	1021	988	FC=250KG/CM2	1.5000	.00	[none]
92	Thin/Thick Shell	988	1021	1022	989	FC=250KG/CM2	1.5000	.00	[none]
93	Thin/Thick Shell	989	1022	1023	990	FC=250KG/CM2	1.5000	.00	[none]
94	Thin/Thick Shell	990	1023	1024	991	FC=250KG/CM2	1.5000	.00	[none]
95	Thin/Thick Shell	991	1024	1025	992	FC=250KG/CM2	1.5000	.00	[none]
96	Thin/Thick Shell	992	1025	1026	993	FC=250KG/CM2	1.5000	.00	[none]
97	Thin/Thick Shell	994	1027	1028	995	FC=250KG/CM2	1.5000	.00	[none]
98	Thin/Thick Shell	995	1028	1029	996	FC=250KG/CM2	1.5000	.00	[none]
99	Thin/Thick Shell	996	1029	1030	997	FC=250KG/CM2	1.5000	.00	[none]
100	Thin/Thick Shell	997	1030	1031	998	FC=250KG/CM2	1.5000	.00	[none]

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
101	Thin/Thick Shell	998	1031	1032	999	FC=250KG/CM2	1.5000	.00	[none]
102	Thin/Thick Shell	999	1032	1033	1000	FC=250KG/CM2	1.5000	.00	[none]
103	Thin/Thick Shell	1000	1033	1034	1001	FC=250KG/CM2	1.5000	.00	[none]
104	Thin/Thick Shell	1001	1034	1035	1002	FC=250KG/CM2	1.5000	.00	[none]
105	Thin/Thick Shell	1002	1035	1036	1003	FC=250KG/CM2	1.5000	.00	[none]
106	Thin/Thick Shell	1003	1036	1037	1004	FC=250KG/CM2	1.5000	.00	[none]
107	Thin/Thick Shell	1004	1037	1038	1005	FC=250KG/CM2	1.5000	.00	[none]
108	Thin/Thick Shell	1005	1038	1039	1006	FC=250KG/CM2	1.5000	.00	[none]
109	Thin/Thick Shell	1006	1039	1040	1007	FC=250KG/CM2	1.5000	.00	[none]
110	Thin/Thick Shell	1007	1040	1041	1008	FC=250KG/CM2	1.5000	.00	[none]
111	Thin/Thick Shell	1008	1041	1042	1009	FC=250KG/CM2	1.5000	.00	[none]
112	Thin/Thick Shell	1009	1042	1043	1010	FC=250KG/CM2	1.5000	.00	[none]
113	Thin/Thick Shell	1010	1043	1044	1011	FC=250KG/CM2	1.5000	.00	[none]
114	Thin/Thick Shell	1011	1044	1045	1012	FC=250KG/CM2	1.5000	.00	[none]
115	Thin/Thick Shell	1012	1045	1046	1013	FC=250KG/CM2	1.5000	.00	[none]
116	Thin/Thick Shell	1013	1046	1047	1014	FC=250KG/CM2	1.5000	.00	[none]
117	Thin/Thick Shell	1014	1047	1048	1015	FC=250KG/CM2	1.5000	.00	[none]
118	Thin/Thick Shell	1015	1049	1049	1016	FC=250KG/CM2	1.5000	.00	[none]
119	Thin/Thick Shell	1016	1049	1050	1017	FC=250KG/CM2	1.5000	.00	[none]
120	Thin/Thick Shell	1017	1050	1051	1018	FC=250KG/CM2	1.5000	.00	[none]
121	Thin/Thick Shell	1018	1051	1052	1019	FC=250KG/CM2	1.5000	.00	[none]
122	Thin/Thick Shell	1019	1052	1053	1020	FC=250KG/CM2	1.5000	.00	[none]
123	Thin/Thick Shell	1020	1053	1054	1021	FC=250KG/CM2	1.5000	.00	[none]
124	Thin/Thick Shell	1021	1054	1055	1022	FC=250KG/CM2	1.5000	.00	[none]
125	Thin/Thick Shell	1023	1055	1056	1023	FC=250KG/CM2	1.5000	.00	[none]
126	Thin/Thick Shell	1023	1056	1057	1024	FC=250KG/CM2	1.5000	.00	[none]
127	Thin/Thick Shell	1024	1057	1058	1025	FC=250KG/CM2	1.5000	.00	[none]
128	Thin/Thick Shell	1025	1058	1059	1026	FC=250KG/CM2	1.5000	.00	[none]
129	Thin/Thick Shell	1027	1060	1061	1028	FC=250KG/CM2	1.5000	.00	[none]
130	Thin/Thick Shell	1028	1061	1062	1029	FC=250KG/CM2	1.5000	.00	[none]
131	Thin/Thick Shell	1029	1062	1063	1030	FC=250KG/CM2	1.5000	.00	[none]
132	Thin/Thick Shell	1030	1063	1064	1031	FC=250KG/CM2	1.5000	.00	[none]
133	Thin/Thick Shell	1031	1064	1065	1032	FC=250KG/CM2	1.5000	.00	[none]
134	Thin/Thick Shell	1032	1065	1066	1033	FC=250KG/CM2	1.5000	.00	[none]

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
135	Thin/Thick Shell	1035	1066	1067	1034	FC=250KG/CM2	1.5000	.09	(none)
136	Thin/Thick Shell	1034	1067	1068	1035	FC=250KG/CM2	1.5000	.09	(none)
137	Thin/Thick Shell	1035	1068	1069	1036	FC=250KG/CM2	1.5000	.09	(none)
138	Thin/Thick Shell	1036	1069	1070	1037	FC=250KG/CM2	1.5000	.09	(none)
139	Thin/Thick Shell	1037	1070	1071	1038	FC=250KG/CM2	1.5000	.09	(none)
140	Thin/Thick Shell	1038	1071	1072	1039	FC=250KG/CM2	1.5000	.09	(none)
141	Thin/Thick Shell	1039	1072	1073	1040	FC=250KG/CM2	1.5000	.09	(none)
142	Thin/Thick Shell	1040	1073	1074	1041	FC=250KG/CM2	1.5000	.09	(none)
143	Thin/Thick Shell	1041	1074	1075	1042	FC=250KG/CM2	1.5000	.09	(none)
144	Thin/Thick Shell	1042	1075	1076	1043	FC=250KG/CM2	1.5000	.09	(none)
145	Thin/Thick Shell	1043	1076	1077	1044	FC=250KG/CM2	1.5000	.09	(none)
146	Thin/Thick Shell	1044	1077	1078	1045	FC=250KG/CM2	1.5000	.09	(none)
147	Thin/Thick Shell	1045	1078	1079	1046	FC=250KG/CM2	1.5000	.09	(none)
148	Thin/Thick Shell	1046	1079	1080	1047	FC=250KG/CM2	1.5000	.09	(none)
149	Thin/Thick Shell	1047	1080	1081	1048	FC=250KG/CM2	1.5000	.09	(none)
150	Thin/Thick Shell	1048	1081	1082	1049	FC=250KG/CM2	1.5000	.09	(none)
151	Thin/Thick Shell	1049	1082	1083	1050	FC=250KG/CM2	1.5000	.09	(none)
152	Thin/Thick Shell	1050	1083	1084	1051	FC=250KG/CM2	1.5000	.09	(none)
153	Thin/Thick Shell	1051	1084	1085	1052	FC=250KG/CM2	1.5000	.09	(none)
154	Thin/Thick Shell	1052	1085	1086	1053	FC=250KG/CM2	1.5000	.09	(none)
155	Thin/Thick Shell	1053	1086	1087	1054	FC=250KG/CM2	1.5000	.09	(none)
156	Thin/Thick Shell	1054	1087	1088	1055	FC=250KG/CM2	1.5000	.09	(none)
157	Thin/Thick Shell	1055	1088	1089	1056	FC=250KG/CM2	1.5000	.09	(none)
158	Thin/Thick Shell	1056	1089	1090	1057	FC=250KG/CM2	1.5000	.09	(none)
159	Thin/Thick Shell	1057	1090	1091	1058	FC=250KG/CM2	1.5000	.09	(none)
160	Thin/Thick Shell	1058	1091	1092	1059	FC=250KG/CM2	1.5000	.09	(none)
161	Thin/Thick Shell	1060	1093	1094	1061	FC=250KG/CM2	1.5000	.09	(none)
162	Thin/Thick Shell	1061	1094	1095	1062	FC=250KG/CM2	1.5000	.09	(none)
163	Thin/Thick Shell	1062	1095	1096	1063	FC=250KG/CM2	1.5000	.09	(none)
164	Thin/Thick Shell	1063	1096	1097	1064	FC=250KG/CM2	1.5000	.09	(none)
165	Thin/Thick Shell	1064	1097	1098	1065	FC=250KG/CM2	1.5000	.09	(none)
166	Thin/Thick Shell	1065	1098	1099	1066	FC=250KG/CM2	1.5000	.09	(none)
167	Thin/Thick Shell	1066	1099	1100	1067	FC=250KG/CM2	1.5000	.09	(none)
168	Thin/Thick Shell	1067	1100	1101	1068	FC=250KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
169	Thin/Thick Shell	1068	1101	1102	1069	FC=250KG/CM2	1.5000	.09	(none)
170	Thin/Thick Shell	1069	1102	1103	1070	FC=250KG/CM2	1.5000	.09	(none)
171	Thin/Thick Shell	1070	1103	1104	1071	FC=250KG/CM2	1.5000	.09	(none)
172	Thin/Thick Shell	1071	1104	1105	1072	FC=250KG/CM2	1.5000	.09	(none)
173	Thin/Thick Shell	1072	1105	1106	1073	FC=250KG/CM2	1.5000	.09	(none)
174	Thin/Thick Shell	1073	1106	1107	1074	FC=250KG/CM2	1.5000	.09	(none)
175	Thin/Thick Shell	1074	1107	1108	1075	FC=250KG/CM2	1.5000	.09	(none)
176	Thin/Thick Shell	1075	1108	1109	1076	FC=250KG/CM2	1.5000	.09	(none)
177	Thin/Thick Shell	1076	1109	1110	1077	FC=250KG/CM2	1.5000	.09	(none)
178	Thin/Thick Shell	1077	1110	1111	1078	FC=250KG/CM2	1.5000	.09	(none)
179	Thin/Thick Shell	1078	1111	1112	1079	FC=250KG/CM2	1.5000	.09	(none)
180	Thin/Thick Shell	1079	1112	1113	1080	FC=250KG/CM2	1.5000	.09	(none)
181	Thin/Thick Shell	1080	1113	1114	1081	FC=250KG/CM2	1.5000	.09	(none)
182	Thin/Thick Shell	1081	1114	1115	1082	FC=250KG/CM2	1.5000	.09	(none)
183	Thin/Thick Shell	1082	1115	1116	1083	FC=250KG/CM2	1.5000	.09	(none)
184	Thin/Thick Shell	1083	1116	1117	1084	FC=250KG/CM2	1.5000	.09	(none)
185	Thin/Thick Shell	1084	1117	1118	1085	FC=250KG/CM2	1.5000	.09	(none)
186	Thin/Thick Shell	1085	1118	1119	1086	FC=250KG/CM2	1.5000	.09	(none)
187	Thin/Thick Shell	1086	1119	1120	1087	FC=250KG/CM2	1.5000	.09	(none)
188	Thin/Thick Shell	1087	1120	1121	1088	FC=250KG/CM2	1.5000	.09	(none)
189	Thin/Thick Shell	1088	1121	1122	1089	FC=250KG/CM2	1.5000	.09	(none)
190	Thin/Thick Shell	1089	1122	1123	1090	FC=250KG/CM2	1.5000	.09	(none)
191	Thin/Thick Shell	1090	1123	1124	1091	FC=250KG/CM2	1.5000	.09	(none)
192	Thin/Thick Shell	1091	1124	1125	1092	FC=250KG/CM2	1.5000	.09	(none)
193	Thin/Thick Shell	1093	1126	1127	1094	FC=250KG/CM2	1.5000	.09	(none)
194	Thin/Thick Shell	1094	1127	1128	1095	FC=250KG/CM2	1.5000	.09	(none)
195	Thin/Thick Shell	1095	1129	1129	1096	FC=250KG/CM2	1.5000	.09	(none)
196	Thin/Thick Shell	1096	1129	1130	1097	FC=250KG/CM2	1.5000	.09	(none)
197	Thin/Thick Shell	1097	1130	1131	1098	FC=250KG/CM2	1.5000	.09	(none)
198	Thin/Thick Shell	1098	1131	1132	1099	FC=250KG/CM2	1.5000	.09	(none)
199	Thin/Thick Shell	1099	1132	1133	1100	FC=250KG/CM2	1.5000	.09	(none)
200	Thin/Thick Shell	1100	1133	1134	1101	FC=250KG/CM2	1.5000	.09	(none)
201	Thin/Thick Shell	1101	1134	1135	1102	FC=250KG/CM2	1.5000	.09	(none)
202	Thin/Thick Shell	1102	1135	1136	1103	FC=250KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
203	Thin/Thick Shell	1103	1136	1137	1104	FC=250KG/CM2	1.5000	.00	(none)
204	Thin/Thick Shell	1104	1137	1138	1105	FC=250KG/CM2	1.5000	.00	(none)
205	Thin/Thick Shell	1105	1138	1139	1106	FC=250KG/CM2	1.5000	.00	(none)
206	Thin/Thick Shell	1106	1139	1140	1107	FC=250KG/CM2	1.5000	.00	(none)
207	Thin/Thick Shell	1107	1140	1141	1108	FC=250KG/CM2	1.5000	.00	(none)
208	Thin/Thick Shell	1108	1141	1142	1109	FC=250KG/CM2	1.5000	.00	(none)
209	Thin/Thick Shell	1109	1142	1143	1110	FC=250KG/CM2	1.5000	.00	(none)
210	Thin/Thick Shell	1110	1143	1144	1111	FC=250KG/CM2	1.5000	.00	(none)
211	Thin/Thick Shell	1111	1144	1145	1112	FC=250KG/CM2	1.5000	.00	(none)
212	Thin/Thick Shell	1112	1145	1146	1113	FC=250KG/CM2	1.5000	.00	(none)
213	Thin/Thick Shell	1113	1146	1147	1114	FC=250KG/CM2	1.5000	.00	(none)
214	Thin/Thick Shell	1114	1147	1148	1115	FC=250KG/CM2	1.5000	.00	(none)
215	Thin/Thick Shell	1115	1148	1149	1116	FC=250KG/CM2	1.5000	.00	(none)
216	Thin/Thick Shell	1116	1149	1150	1117	FC=250KG/CM2	1.5000	.00	(none)
217	Thin/Thick Shell	1117	1150	1151	1118	FC=250KG/CM2	1.5000	.00	(none)
218	Thin/Thick Shell	1118	1151	1152	1119	FC=250KG/CM2	1.5000	.00	(none)
219	Thin/Thick Shell	1119	1152	1153	1120	FC=250KG/CM2	1.5000	.00	(none)
220	Thin/Thick Shell	1120	1153	1154	1121	FC=250KG/CM2	1.5000	.00	(none)
221	Thin/Thick Shell	1121	1154	1155	1122	FC=250KG/CM2	1.5000	.00	(none)
222	Thin/Thick Shell	1122	1155	1156	1123	FC=250KG/CM2	1.5000	.00	(none)
223	Thin/Thick Shell	1123	1156	1157	1124	FC=250KG/CM2	1.5000	.00	(none)
224	Thin/Thick Shell	1124	1157	1158	1125	FC=250KG/CM2	1.5000	.00	(none)
225	Thin/Thick Shell	1126	1159	1160	1127	FC=250KG/CM2	1.5000	.00	(none)
226	Thin/Thick Shell	1127	1160	1161	1128	FC=250KG/CM2	1.5000	.00	(none)
227	Thin/Thick Shell	1128	1161	1162	1129	FC=250KG/CM2	1.5000	.00	(none)
228	Thin/Thick Shell	1129	1162	1163	1130	FC=250KG/CM2	1.5000	.00	(none)
229	Thin/Thick Shell	1130	1163	1164	1131	FC=250KG/CM2	1.5000	.00	(none)
230	Thin/Thick Shell	1131	1164	1165	1132	FC=250KG/CM2	1.5000	.00	(none)
231	Thin/Thick Shell	1132	1165	1166	1133	FC=250KG/CM2	1.5000	.00	(none)
232	Thin/Thick Shell	1133	1166	1167	1134	FC=250KG/CM2	1.5000	.00	(none)
233	Thin/Thick Shell	1134	1167	1168	1135	FC=250KG/CM2	1.5000	.00	(none)
234	Thin/Thick Shell	1135	1168	1169	1136	FC=250KG/CM2	1.5000	.00	(none)
235	Thin/Thick Shell	1136	1169	1170	1137	FC=250KG/CM2	1.5000	.00	(none)
236	Thin/Thick Shell	1137	1170	1171	1138	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
237	Thin/Thick Shell	1138	1171	1172	1139	FC=250KG/CM2	1.5000	.00	(none)
238	Thin/Thick Shell	1139	1172	1173	1140	FC=250KG/CM2	1.5000	.00	(none)
239	Thin/Thick Shell	1140	1173	1174	1141	FC=250KG/CM2	1.5000	.00	(none)
240	Thin/Thick Shell	1141	1174	1175	1142	FC=250KG/CM2	1.5000	.00	(none)
241	Thin/Thick Shell	1142	1175	1176	1143	FC=250KG/CM2	1.5000	.00	(none)
242	Thin/Thick Shell	1143	1176	1177	1144	FC=250KG/CM2	1.5000	.00	(none)
243	Thin/Thick Shell	1144	1177	1178	1145	FC=250KG/CM2	1.5000	.00	(none)
244	Thin/Thick Shell	1145	1178	1179	1146	FC=250KG/CM2	1.5000	.00	(none)
245	Thin/Thick Shell	1146	1179	1180	1147	FC=250KG/CM2	1.5000	.00	(none)
246	Thin/Thick Shell	1147	1180	1181	1148	FC=250KG/CM2	1.5000	.00	(none)
247	Thin/Thick Shell	1148	1181	1182	1149	FC=250KG/CM2	1.5000	.00	(none)
248	Thin/Thick Shell	1149	1182	1183	1150	FC=250KG/CM2	1.5000	.00	(none)
249	Thin/Thick Shell	1150	1183	1184	1151	FC=250KG/CM2	1.5000	.00	(none)
250	Thin/Thick Shell	1151	1184	1185	1152	FC=250KG/CM2	1.5000	.00	(none)
251	Thin/Thick Shell	1152	1185	1186	1153	FC=250KG/CM2	1.5000	.00	(none)
252	Thin/Thick Shell	1153	1186	1187	1154	FC=250KG/CM2	1.5000	.00	(none)
253	Thin/Thick Shell	1154	1187	1188	1155	FC=250KG/CM2	1.5000	.00	(none)
254	Thin/Thick Shell	1155	1188	1189	1156	FC=250KG/CM2	1.5000	.00	(none)
255	Thin/Thick Shell	1156	1189	1190	1157	FC=250KG/CM2	1.5000	.00	(none)
256	Thin/Thick Shell	1157	1190	1191	1158	FC=250KG/CM2	1.5000	.00	(none)
257	Thin/Thick Shell	1159	1192	1193	1160	FC=250KG/CM2	1.5000	.00	(none)
258	Thin/Thick Shell	1160	1193	1194	1161	FC=250KG/CM2	1.5000	.00	(none)
259	Thin/Thick Shell	1161	1194	1195	1162	FC=250KG/CM2	1.5000	.00	(none)
260	Thin/Thick Shell	1162	1195	1196	1163	FC=250KG/CM2	1.5000	.00	(none)
261	Thin/Thick Shell	1163	1196	1197	1164	FC=250KG/CM2	1.5000	.00	(none)
262	Thin/Thick Shell	1164	1197	1198	1165	FC=250KG/CM2	1.5000	.00	(none)
263	Thin/Thick Shell	1165	1199	1199	1166	FC=250KG/CM2	1.5000	.00	(none)
264	Thin/Thick Shell	1166	1199	1200	1167	FC=250KG/CM2	1.5000	.00	(none)
265	Thin/Thick Shell	1167	1200	1201	1168	FC=250KG/CM2	1.5000	.00	(none)
266	Thin/Thick Shell	1168	1201	1202	1169	FC=250KG/CM2	1.5000	.00	(none)
267	Thin/Thick Shell	1169	1202	1203	1170	FC=250KG/CM2	1.5000	.00	(none)
268	Thin/Thick Shell	1170	1203	1204	1171	FC=250KG/CM2	1.5000	.00	(none)
269	Thin/Thick Shell	1171	1204	1205	1172	FC=250KG/CM2	1.5000	.00	(none)
270	Thin/Thick Shell	1172	1205	1206	1173	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
271	Thin/Thick Shell	1173	1206	1207	1174	FC=250KG/CM2	1.5000	.00	(none)
272	Thin/Thick Shell	1174	1207	1208	1175	FC=250KG/CM2	1.5000	.00	(none)
273	Thin/Thick Shell	1175	1208	1209	1176	FC=250KG/CM2	1.5000	.00	(none)
274	Thin/Thick Shell	1176	1209	1210	1177	FC=250KG/CM2	1.5000	.00	(none)
275	Thin/Thick Shell	1177	1210	1211	1178	FC=250KG/CM2	1.5000	.00	(none)
276	Thin/Thick Shell	1178	1211	1212	1179	FC=250KG/CM2	1.5000	.00	(none)
277	Thin/Thick Shell	1179	1212	1213	1180	FC=250KG/CM2	1.5000	.00	(none)
278	Thin/Thick Shell	1180	1213	1214	1181	FC=250KG/CM2	1.5000	.00	(none)
279	Thin/Thick Shell	1181	1214	1215	1182	FC=250KG/CM2	1.5000	.00	(none)
280	Thin/Thick Shell	1182	1215	1216	1183	FC=250KG/CM2	1.5000	.00	(none)
281	Thin/Thick Shell	1183	1216	1217	1184	FC=250KG/CM2	1.5000	.00	(none)
282	Thin/Thick Shell	1184	1217	1218	1185	FC=250KG/CM2	1.5000	.00	(none)
283	Thin/Thick Shell	1185	1218	1219	1186	FC=250KG/CM2	1.5000	.00	(none)
284	Thin/Thick Shell	1186	1219	1220	1187	FC=250KG/CM2	1.5000	.00	(none)
285	Thin/Thick Shell	1187	1220	1221	1188	FC=250KG/CM2	1.5000	.00	(none)
286	Thin/Thick Shell	1188	1221	1222	1189	FC=250KG/CM2	1.5000	.00	(none)
287	Thin/Thick Shell	1189	1222	1223	1190	FC=250KG/CM2	1.5000	.00	(none)
288	Thin/Thick Shell	1190	1223	1224	1191	FC=250KG/CM2	1.5000	.00	(none)
289	Thin/Thick Shell	1192	1225	1226	1193	FC=250KG/CM2	1.5000	.00	(none)
290	Thin/Thick Shell	1193	1226	1227	1194	FC=250KG/CM2	1.5000	.00	(none)
291	Thin/Thick Shell	1194	1227	1228	1195	FC=250KG/CM2	1.5000	.00	(none)
292	Thin/Thick Shell	1195	1228	1229	1196	FC=250KG/CM2	1.5000	.00	(none)
293	Thin/Thick Shell	1196	1229	1230	1197	FC=250KG/CM2	1.5000	.00	(none)
294	Thin/Thick Shell	1197	1230	1231	1198	FC=250KG/CM2	1.5000	.00	(none)
295	Thin/Thick Shell	1198	1231	1232	1199	FC=250KG/CM2	1.5000	.00	(none)
296	Thin/Thick Shell	1199	1232	1233	1200	FC=250KG/CM2	1.5000	.00	(none)
297	Thin/Thick Shell	1200	1233	1234	1201	FC=250KG/CM2	1.5000	.00	(none)
298	Thin/Thick Shell	1201	1234	1235	1202	FC=250KG/CM2	1.5000	.00	(none)
299	Thin/Thick Shell	1202	1235	1640	1203	FC=250KG/CM2	1.5000	.00	(none)
300	Thin/Thick Shell	1203	1640	1237	1204	FC=250KG/CM2	1.5000	.00	(none)
301	Thin/Thick Shell	1204	1237	1238	1205	FC=250KG/CM2	1.5000	.00	(none)
302	Thin/Thick Shell	1205	1238	1239	1206	FC=250KG/CM2	1.5000	.00	(none)
303	Thin/Thick Shell	1206	1239	1240	1207	FC=250KG/CM2	1.5000	.00	(none)
304	Thin/Thick Shell	1207	1240	1241	1208	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
305	Thin/Thick Shell	1208	1241	1242	1209	FC=250KG/CM2	1.5000	.00	(none)
306	Thin/Thick Shell	1209	1242	1243	1210	FC=250KG/CM2	1.5000	.00	(none)
307	Thin/Thick Shell	1210	1243	1244	1211	FC=250KG/CM2	1.5000	.00	(none)
308	Thin/Thick Shell	1211	1244	1245	1212	FC=250KG/CM2	1.5000	.00	(none)
309	Thin/Thick Shell	1212	1245	1246	1213	FC=250KG/CM2	1.5000	.00	(none)
310	Thin/Thick Shell	1213	1246	1247	1214	FC=250KG/CM2	1.5000	.00	(none)
311	Thin/Thick Shell	1214	1247	1248	1215	FC=250KG/CM2	1.5000	.00	(none)
312	Thin/Thick Shell	1215	1248	1249	1216	FC=250KG/CM2	1.5000	.00	(none)
313	Thin/Thick Shell	1216	1249	1250	1217	FC=250KG/CM2	1.5000	.00	(none)
314	Thin/Thick Shell	1217	1250	1251	1218	FC=250KG/CM2	1.5000	.00	(none)
315	Thin/Thick Shell	1218	1251	1252	1219	FC=250KG/CM2	1.5000	.00	(none)
316	Thin/Thick Shell	1219	1252	1253	1220	FC=250KG/CM2	1.5000	.00	(none)
317	Thin/Thick Shell	1220	1253	1254	1221	FC=250KG/CM2	1.5000	.00	(none)
318	Thin/Thick Shell	1221	1254	1255	1222	FC=250KG/CM2	1.5000	.00	(none)
319	Thin/Thick Shell	1222	1255	1256	1223	FC=250KG/CM2	1.5000	.00	(none)
320	Thin/Thick Shell	1223	1256	1257	1224	FC=250KG/CM2	1.5000	.00	(none)
321	Thin/Thick Shell	1225	1258	1259	1226	FC=250KG/CM2	1.5000	.00	(none)
322	Thin/Thick Shell	1226	1259	1260	1227	FC=250KG/CM2	1.5000	.00	(none)
323	Thin/Thick Shell	1227	1260	1261	1228	FC=250KG/CM2	1.5000	.00	(none)
324	Thin/Thick Shell	1228	1261	1262	1229	FC=250KG/CM2	1.5000	.00	(none)
325	Thin/Thick Shell	1229	1262	1263	1230	FC=250KG/CM2	1.5000	.00	(none)
326	Thin/Thick Shell	1230	1263	1264	1231	FC=250KG/CM2	1.5000	.00	(none)
327	Thin/Thick Shell	1231	1264	1265	1232	FC=250KG/CM2	1.5000	.00	(none)
328	Thin/Thick Shell	1232	1265	1266	1233	FC=250KG/CM2	1.5000	.00	(none)
329	Thin/Thick Shell	1233	1266	1267	1234	FC=250KG/CM2	1.5000	.00	(none)
330	Thin/Thick Shell	1234	1267	1268	1235	FC=250KG/CM2	1.5000	.00	(none)
331	Thin/Thick Shell	1235	1268	1269	1640	FC=250KG/CM2	1.5000	.00	(none)
332	Thin/Thick Shell	1640	1269	1270	1237	FC=250KG/CM2	1.5000	.00	(none)
333	Thin/Thick Shell	1237	1270	1271	1238	FC=250KG/CM2	1.5000	.00	(none)
334	Thin/Thick Shell	1238	1271	1272	1239	FC=250KG/CM2	1.5000	.00	(none)
335	Thin/Thick Shell	1239	1272	1273	1240	FC=250KG/CM2	1.5000	.00	(none)
336	Thin/Thick Shell	1240	1273	1274	1241	FC=250KG/CM2	1.5000	.00	(none)
337	Thin/Thick Shell	1241	1274	1275	1242	FC=250KG/CM2	1.5000	.00	(none)
338	Thin/Thick Shell	1242	1275	1276	1243	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
339	Thin/Thick Shell	1243	1276	1277	1244	FC=250KG/CM2	1.5000	.00	(none)
340	Thin/Thick Shell	1244	1277	1278	1245	FC=250KG/CM2	1.5000	.00	(none)
341	Thin/Thick Shell	1245	1278	1279	1246	FC=250KG/CM2	1.5000	.00	(none)
342	Thin/Thick Shell	1246	1279	1280	1247	FC=250KG/CM2	1.5000	.00	(none)
343	Thin/Thick Shell	1247	1280	1281	1248	FC=250KG/CM2	1.5000	.00	(none)
344	Thin/Thick Shell	1248	1281	1282	1249	FC=250KG/CM2	1.5000	.00	(none)
345	Thin/Thick Shell	1249	1282	1283	1250	FC=250KG/CM2	1.5000	.00	(none)
346	Thin/Thick Shell	1250	1283	1284	1251	FC=250KG/CM2	1.5000	.00	(none)
347	Thin/Thick Shell	1251	1284	1285	1252	FC=250KG/CM2	1.5000	.00	(none)
348	Thin/Thick Shell	1252	1285	1286	1253	FC=250KG/CM2	1.5000	.00	(none)
349	Thin/Thick Shell	1253	1286	1287	1254	FC=250KG/CM2	1.5000	.00	(none)
350	Thin/Thick Shell	1254	1287	1288	1255	FC=250KG/CM2	1.5000	.00	(none)
351	Thin/Thick Shell	1255	1288	1289	1256	FC=250KG/CM2	1.5000	.00	(none)
352	Thin/Thick Shell	1256	1289	1290	1257	FC=250KG/CM2	1.5000	.00	(none)
353	Thin/Thick Shell	1258	1291	1292	1259	FC=250KG/CM2	1.5000	.00	(none)
354	Thin/Thick Shell	1259	1292	1293	1260	FC=250KG/CM2	1.5000	.00	(none)
355	Thin/Thick Shell	1260	1293	1294	1261	FC=250KG/CM2	1.5000	.00	(none)
356	Thin/Thick Shell	1261	1294	1295	1262	FC=250KG/CM2	1.5000	.00	(none)
357	Thin/Thick Shell	1262	1295	1296	1263	FC=250KG/CM2	1.5000	.00	(none)
358	Thin/Thick Shell	1263	1296	1297	1264	FC=250KG/CM2	1.5000	.00	(none)
359	Thin/Thick Shell	1264	1297	1298	1265	FC=250KG/CM2	1.5000	.00	(none)
360	Thin/Thick Shell	1265	1298	1299	1266	FC=250KG/CM2	1.5000	.00	(none)
361	Thin/Thick Shell	1266	1299	1300	1267	FC=250KG/CM2	1.5000	.00	(none)
362	Thin/Thick Shell	1267	1300	1301	1268	FC=250KG/CM2	1.5000	.00	(none)
363	Thin/Thick Shell	1268	1301	1302	1269	FC=250KG/CM2	1.5000	.00	(none)
364	Thin/Thick Shell	1269	1302	1303	1270	FC=250KG/CM2	1.5000	.00	(none)
365	Thin/Thick Shell	1270	1303	1304	1271	FC=250KG/CM2	1.5000	.00	(none)
366	Thin/Thick Shell	1271	1304	1305	1272	FC=250KG/CM2	1.5000	.00	(none)
367	Thin/Thick Shell	1272	1305	1306	1273	FC=250KG/CM2	1.5000	.00	(none)
368	Thin/Thick Shell	1273	1306	1307	1274	FC=250KG/CM2	1.5000	.00	(none)
369	Thin/Thick Shell	1274	1307	1308	1275	FC=250KG/CM2	1.5000	.00	(none)
370	Thin/Thick Shell	1275	1308	1309	1276	FC=250KG/CM2	1.5000	.00	(none)
371	Thin/Thick Shell	1276	1309	1310	1277	FC=250KG/CM2	1.5000	.00	(none)
372	Thin/Thick Shell	1277	1310	1311	1278	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
373	Thin/Thick Shell	1278	1311	1312	1279	FC=250KG/CM2	1.5000	.00	(none)
374	Thin/Thick Shell	1279	1312	1313	1280	FC=250KG/CM2	1.5000	.00	(none)
375	Thin/Thick Shell	1280	1313	1314	1281	FC=250KG/CM2	1.5000	.00	(none)
376	Thin/Thick Shell	1281	1314	1315	1282	FC=250KG/CM2	1.5000	.00	(none)
377	Thin/Thick Shell	1282	1315	1316	1283	FC=250KG/CM2	1.5000	.00	(none)
378	Thin/Thick Shell	1283	1316	1317	1284	FC=250KG/CM2	1.5000	.00	(none)
379	Thin/Thick Shell	1284	1317	1318	1285	FC=250KG/CM2	1.5000	.00	(none)
380	Thin/Thick Shell	1285	1318	1319	1286	FC=250KG/CM2	1.5000	.00	(none)
381	Thin/Thick Shell	1286	1319	1320	1287	FC=250KG/CM2	1.5000	.00	(none)
382	Thin/Thick Shell	1287	1320	1321	1288	FC=250KG/CM2	1.5000	.00	(none)
383	Thin/Thick Shell	1288	1321	1322	1289	FC=250KG/CM2	1.5000	.00	(none)
384	Thin/Thick Shell	1289	1322	1323	1290	FC=250KG/CM2	1.5000	.00	(none)
385	Thin/Thick Shell	1291	1324	1325	1292	FC=250KG/CM2	1.5000	.00	(none)
386	Thin/Thick Shell	1292	1325	1326	1293	FC=250KG/CM2	1.5000	.00	(none)
387	Thin/Thick Shell	1293	1326	1327	1294	FC=250KG/CM2	1.5000	.00	(none)
388	Thin/Thick Shell	1294	1327	1328	1295	FC=250KG/CM2	1.5000	.00	(none)
389	Thin/Thick Shell	1295	1328	1329	1296	FC=250KG/CM2	1.5000	.00	(none)
390	Thin/Thick Shell	1296	1329	1330	1297	FC=250KG/CM2	1.5000	.00	(none)
391	Thin/Thick Shell	1297	1330	1331	1298	FC=250KG/CM2	1.5000	.00	(none)
392	Thin/Thick Shell	1298	1331	1332	1299	FC=250KG/CM2	1.5000	.00	(none)
393	Thin/Thick Shell	1299	1332	1333	1300	FC=250KG/CM2	1.5000	.00	(none)
394	Thin/Thick Shell	1300	1333	1334	1301	FC=250KG/CM2	1.5000	.00	(none)
395	Thin/Thick Shell	1301	1334	1335	1302	FC=250KG/CM2	1.5000	.00	(none)
396	Thin/Thick Shell	1302	1335	1336	1303	FC=250KG/CM2	1.5000	.00	(none)
397	Thin/Thick Shell	1303	1336	1337	1304	FC=250KG/CM2	1.5000	.00	(none)
398	Thin/Thick Shell	1304	1337	1338	1305	FC=250KG/CM2	1.5000	.00	(none)
399	Thin/Thick Shell	1305	1338	1339	1306	FC=250KG/CM2	1.5000	.00	(none)
400	Thin/Thick Shell	1306	1339	1340	1307	FC=250KG/CM2	1.5000	.00	(none)
401	Thin/Thick Shell	1307	1340	1341	1308	FC=250KG/CM2	1.5000	.00	(none)
402	Thin/Thick Shell	1308	1341	1342	1309	FC=250KG/CM2	1.5000	.00	(none)
403	Thin/Thick Shell	1309	1342	1343	1310	FC=250KG/CM2	1.5000	.00	(none)
404	Thin/Thick Shell	1310	1343	1344	1311	FC=250KG/CM2	1.5000	.00	(none)
405	Thin/Thick Shell	1311	1344	1345	1312	FC=250KG/CM2	1.5000	.00	(none)
406	Thin/Thick Shell	1312	1345	1346	1313	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
407	Thin/Thick Shell	1313	1346	1347	1314	FC=250KG/CM2	1.5000	.00	(none)
408	Thin/Thick Shell	1314	1347	1348	1315	FC=250KG/CM2	1.5000	.00	(none)
409	Thin/Thick Shell	1315	1348	1349	1316	FC=250KG/CM2	1.5000	.00	(none)
410	Thin/Thick Shell	1316	1349	1350	1317	FC=250KG/CM2	1.5000	.00	(none)
411	Thin/Thick Shell	1317	1350	1351	1318	FC=250KG/CM2	1.5000	.00	(none)
412	Thin/Thick Shell	1318	1351	1352	1319	FC=250KG/CM2	1.5000	.00	(none)
413	Thin/Thick Shell	1319	1352	1353	1320	FC=250KG/CM2	1.5000	.00	(none)
414	Thin/Thick Shell	1320	1353	1354	1321	FC=250KG/CM2	1.5000	.00	(none)
415	Thin/Thick Shell	1321	1354	1355	1322	FC=250KG/CM2	1.5000	.00	(none)
416	Thin/Thick Shell	1322	1355	1356	1323	FC=250KG/CM2	1.5000	.00	(none)
417	Thin/Thick Shell	1324	1357	1358	1325	FC=250KG/CM2	1.5000	.00	(none)
418	Thin/Thick Shell	1325	1358	1359	1326	FC=250KG/CM2	1.5000	.00	(none)
419	Thin/Thick Shell	1326	1359	1360	1327	FC=250KG/CM2	1.5000	.00	(none)
420	Thin/Thick Shell	1327	1360	1361	1328	FC=250KG/CM2	1.5000	.00	(none)
421	Thin/Thick Shell	1328	1361	1362	1329	FC=250KG/CM2	1.5000	.00	(none)
422	Thin/Thick Shell	1329	1362	1363	1330	FC=250KG/CM2	1.5000	.00	(none)
423	Thin/Thick Shell	1330	1363	1364	1331	FC=250KG/CM2	1.5000	.00	(none)
424	Thin/Thick Shell	1331	1364	1365	1332	FC=250KG/CM2	1.5000	.00	(none)
425	Thin/Thick Shell	1332	1365	1366	1333	FC=250KG/CM2	1.5000	.00	(none)
426	Thin/Thick Shell	1333	1366	1367	1334	FC=250KG/CM2	1.5000	.00	(none)
427	Thin/Thick Shell	1334	1367	1368	1335	FC=250KG/CM2	1.5000	.00	(none)
428	Thin/Thick Shell	1335	1368	1369	1336	FC=250KG/CM2	1.5000	.00	(none)
429	Thin/Thick Shell	1336	1369	1370	1337	FC=250KG/CM2	1.5000	.00	(none)
430	Thin/Thick Shell	1337	1370	1371	1338	FC=250KG/CM2	1.5000	.00	(none)
431	Thin/Thick Shell	1338	1371	1372	1339	FC=250KG/CM2	1.5000	.00	(none)
432	Thin/Thick Shell	1339	1372	1373	1340	FC=250KG/CM2	1.5000	.00	(none)
433	Thin/Thick Shell	1340	1373	1374	1341	FC=250KG/CM2	1.5000	.00	(none)
434	Thin/Thick Shell	1341	1374	1375	1342	FC=250KG/CM2	1.5000	.00	(none)
435	Thin/Thick Shell	1342	1375	1376	1343	FC=250KG/CM2	1.5000	.00	(none)
436	Thin/Thick Shell	1343	1376	1377	1344	FC=250KG/CM2	1.5000	.00	(none)
437	Thin/Thick Shell	1344	1377	1378	1345	FC=250KG/CM2	1.5000	.00	(none)
438	Thin/Thick Shell	1345	1378	1379	1346	FC=250KG/CM2	1.5000	.00	(none)
439	Thin/Thick Shell	1346	1379	1380	1347	FC=250KG/CM2	1.5000	.00	(none)
440	Thin/Thick Shell	1347	1380	1381	1348	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
441	Thin/Thick Shell	1348	1381	1382	1349	FC=250KG/CM2	1.5000	.00	(none)
442	Thin/Thick Shell	1349	1382	1383	1350	FC=250KG/CM2	1.5000	.00	(none)
443	Thin/Thick Shell	1350	1383	1384	1351	FC=250KG/CM2	1.5000	.00	(none)
444	Thin/Thick Shell	1351	1384	1385	1352	FC=250KG/CM2	1.5000	.00	(none)
445	Thin/Thick Shell	1352	1385	1386	1353	FC=250KG/CM2	1.5000	.00	(none)
446	Thin/Thick Shell	1353	1386	1387	1354	FC=250KG/CM2	1.5000	.00	(none)
447	Thin/Thick Shell	1354	1387	1388	1355	FC=250KG/CM2	1.5000	.00	(none)
448	Thin/Thick Shell	1355	1388	1389	1356	FC=250KG/CM2	1.5000	.00	(none)
449	Thin/Thick Shell	1357	1390	1391	1358	FC=250KG/CM2	1.5000	.00	(none)
450	Thin/Thick Shell	1358	1391	1392	1359	FC=250KG/CM2	1.5000	.00	(none)
451	Thin/Thick Shell	1359	1392	1393	1360	FC=250KG/CM2	1.5000	.00	(none)
452	Thin/Thick Shell	1360	1393	1394	1361	FC=250KG/CM2	1.5000	.00	(none)
453	Thin/Thick Shell	1361	1394	1395	1362	FC=250KG/CM2	1.5000	.00	(none)
454	Thin/Thick Shell	1362	1395	1396	1363	FC=250KG/CM2	1.5000	.00	(none)
455	Thin/Thick Shell	1363	1396	1397	1364	FC=250KG/CM2	1.5000	.00	(none)
456	Thin/Thick Shell	1364	1397	1398	1365	FC=250KG/CM2	1.5000	.00	(none)
457	Thin/Thick Shell	1365	1399	1399	1366	FC=250KG/CM2	1.5000	.00	(none)
458	Thin/Thick Shell	1366	1399	1400	1367	FC=250KG/CM2	1.5000	.00	(none)
459	Thin/Thick Shell	1367	1400	1401	1368	FC=250KG/CM2	1.5000	.00	(none)
460	Thin/Thick Shell	1368	1401	1402	1369	FC=250KG/CM2	1.5000	.00	(none)
461	Thin/Thick Shell	1369	1402	1403	1370	FC=250KG/CM2	1.5000	.00	(none)
462	Thin/Thick Shell	1370	1403	1404	1371	FC=250KG/CM2	1.5000	.00	(none)
463	Thin/Thick Shell	1371	1404	1405	1372	FC=250KG/CM2	1.5000	.00	(none)
464	Thin/Thick Shell	1372	1405	1406	1373	FC=250KG/CM2	1.5000	.00	(none)
465	Thin/Thick Shell	1373	1406	1407	1374	FC=250KG/CM2	1.5000	.00	(none)
466	Thin/Thick Shell	1374	1407	1408	1375	FC=250KG/CM2	1.5000	.00	(none)
467	Thin/Thick Shell	1375	1408	1409	1376	FC=250KG/CM2	1.5000	.00	(none)
468	Thin/Thick Shell	1376	1409	1410	1377	FC=250KG/CM2	1.5000	.00	(none)
469	Thin/Thick Shell	1377	1410	1411	1378	FC=250KG/CM2	1.5000	.00	(none)
470	Thin/Thick Shell	1378	1411	1412	1379	FC=250KG/CM2	1.5000	.00	(none)
471	Thin/Thick Shell	1379	1412	1413	1380	FC=250KG/CM2	1.5000	.00	(none)
472	Thin/Thick Shell	1380	1413	1414	1381	FC=250KG/CM2	1.5000	.00	(none)
473	Thin/Thick Shell	1381	1414	1415	1382	FC=250KG/CM2	1.5000	.00	(none)
474	Thin/Thick Shell	1382	1415	1416	1383	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
475	Thin/Thick Shell	1383	1416	1417	1384	FC=250KG/CM2	1.5000	.00	(none)
476	Thin/Thick Shell	1384	1417	1418	1385	FC=250KG/CM2	1.5000	.00	(none)
477	Thin/Thick Shell	1385	1418	1419	1386	FC=250KG/CM2	1.5000	.00	(none)
478	Thin/Thick Shell	1386	1419	1420	1387	FC=250KG/CM2	1.5000	.00	(none)
479	Thin/Thick Shell	1387	1420	1421	1388	FC=250KG/CM2	1.5000	.00	(none)
480	Thin/Thick Shell	1388	1421	1422	1389	FC=250KG/CM2	1.5000	.00	(none)
481	Thin/Thick Shell	1390	1423	1424	1391	FC=250KG/CM2	1.5000	.00	(none)
482	Thin/Thick Shell	1391	1424	1425	1392	FC=250KG/CM2	1.5000	.00	(none)
483	Thin/Thick Shell	1392	1425	1426	1393	FC=250KG/CM2	1.5000	.00	(none)
484	Thin/Thick Shell	1393	1426	1427	1394	FC=250KG/CM2	1.5000	.00	(none)
485	Thin/Thick Shell	1394	1427	1428	1395	FC=250KG/CM2	1.5000	.00	(none)
486	Thin/Thick Shell	1395	1428	1429	1396	FC=250KG/CM2	1.5000	.00	(none)
487	Thin/Thick Shell	1396	1429	1430	1397	FC=250KG/CM2	1.5000	.00	(none)
488	Thin/Thick Shell	1397	1430	1431	1398	FC=250KG/CM2	1.5000	.00	(none)
489	Thin/Thick Shell	1398	1431	1432	1399	FC=250KG/CM2	1.5000	.00	(none)
490	Thin/Thick Shell	1399	1432	1433	1400	FC=250KG/CM2	1.5000	.00	(none)
491	Thin/Thick Shell	1400	1433	1434	1401	FC=250KG/CM2	1.5000	.00	(none)
492	Thin/Thick Shell	1401	1434	1435	1402	FC=250KG/CM2	1.5000	.00	(none)
493	Thin/Thick Shell	1402	1435	1436	1403	FC=250KG/CM2	1.5000	.00	(none)
494	Thin/Thick Shell	1403	1436	1437	1404	FC=250KG/CM2	1.5000	.00	(none)
495	Thin/Thick Shell	1404	1437	1438	1405	FC=250KG/CM2	1.5000	.00	(none)
496	Thin/Thick Shell	1405	1438	1439	1406	FC=250KG/CM2	1.5000	.00	(none)
497	Thin/Thick Shell	1406	1439	1440	1407	FC=250KG/CM2	1.5000	.00	(none)
498	Thin/Thick Shell	1407	1440	1441	1408	FC=250KG/CM2	1.5000	.00	(none)
499	Thin/Thick Shell	1408	1441	1442	1409	FC=250KG/CM2	1.5000	.00	(none)
500	Thin/Thick Shell	1409	1442	1443	1410	FC=250KG/CM2	1.5000	.00	(none)
501	Thin/Thick Shell	1410	1443	1444	1411	FC=250KG/CM2	1.5000	.00	(none)
502	Thin/Thick Shell	1411	1444	1445	1412	FC=250KG/CM2	1.5000	.00	(none)
503	Thin/Thick Shell	1412	1445	1446	1413	FC=250KG/CM2	1.5000	.00	(none)
504	Thin/Thick Shell	1413	1446	1447	1414	FC=250KG/CM2	1.5000	.00	(none)
505	Thin/Thick Shell	1414	1447	1448	1415	FC=250KG/CM2	1.5000	.00	(none)
506	Thin/Thick Shell	1415	1448	1449	1416	FC=250KG/CM2	1.5000	.00	(none)
507	Thin/Thick Shell	1416	1449	1450	1417	FC=250KG/CM2	1.5000	.00	(none)
508	Thin/Thick Shell	1417	1450	1451	1418	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
509	Thin/Thick Shell	1418	1451	1452	1419	FC=250KG/CM2	1.5000	.00	(none)
510	Thin/Thick Shell	1419	1452	1453	1420	FC=250KG/CM2	1.5000	.00	(none)
511	Thin/Thick Shell	1420	1453	1454	1421	FC=250KG/CM2	1.5000	.00	(none)
512	Thin/Thick Shell	1421	1454	1455	1422	FC=250KG/CM2	1.5000	.00	(none)
513	Thin/Thick Shell	1423	1456	1457	1424	FC=250KG/CM2	1.5000	.00	(none)
514	Thin/Thick Shell	1424	1457	1458	1425	FC=250KG/CM2	1.5000	.00	(none)
515	Thin/Thick Shell	1425	1458	1459	1426	FC=250KG/CM2	1.5000	.00	(none)
516	Thin/Thick Shell	1426	1459	1460	1427	FC=250KG/CM2	1.5000	.00	(none)
517	Thin/Thick Shell	1427	1460	1461	1428	FC=250KG/CM2	1.5000	.00	(none)
518	Thin/Thick Shell	1428	1461	1462	1429	FC=250KG/CM2	1.5000	.00	(none)
519	Thin/Thick Shell	1429	1462	1463	1430	FC=250KG/CM2	1.5000	.00	(none)
520	Thin/Thick Shell	1430	1463	1464	1431	FC=250KG/CM2	1.5000	.00	(none)
521	Thin/Thick Shell	1431	1464	1465	1432	FC=250KG/CM2	1.5000	.00	(none)
522	Thin/Thick Shell	1432	1465	1466	1433	FC=250KG/CM2	1.5000	.00	(none)
523	Thin/Thick Shell	1433	1466	1467	1434	FC=250KG/CM2	1.5000	.00	(none)
524	Thin/Thick Shell	1434	1467	1468	1435	FC=250KG/CM2	1.5000	.00	(none)
525	Thin/Thick Shell	1435	1468	1469	1436	FC=250KG/CM2	1.5000	.00	(none)
526	Thin/Thick Shell	1436	1469	1470	1437	FC=250KG/CM2	1.5000	.00	(none)
527	Thin/Thick Shell	1437	1470	1471	1438	FC=250KG/CM2	1.5000	.00	(none)
528	Thin/Thick Shell	1438	1471	1472	1439	FC=250KG/CM2	1.5000	.00	(none)
529	Thin/Thick Shell	1439	1472	1473	1440	FC=250KG/CM2	1.5000	.00	(none)
530	Thin/Thick Shell	1440	1473	1474	1441	FC=250KG/CM2	1.5000	.00	(none)
531	Thin/Thick Shell	1441	1474	1475	1442	FC=250KG/CM2	1.5000	.00	(none)
532	Thin/Thick Shell	1442	1475	1476	1443	FC=250KG/CM2	1.5000	.00	(none)
533	Thin/Thick Shell	1443	1476	1477	1444	FC=250KG/CM2	1.5000	.00	(none)
534	Thin/Thick Shell	1444	1477	1478	1445	FC=250KG/CM2	1.5000	.00	(none)
535	Thin/Thick Shell	1445	1478	1479	1446	FC=250KG/CM2	1.5000	.00	(none)
536	Thin/Thick Shell	1446	1479	1480	1447	FC=250KG/CM2	1.5000	.00	(none)
537	Thin/Thick Shell	1447	1480	1481	1448	FC=250KG/CM2	1.5000	.00	(none)
538	Thin/Thick Shell	1448	1481	1482	1449	FC=250KG/CM2	1.5000	.00	(none)
539	Thin/Thick Shell	1449	1482	1483	1450	FC=250KG/CM2	1.5000	.00	(none)
540	Thin/Thick Shell	1450	1483	1484	1451	FC=250KG/CM2	1.5000	.00	(none)
541	Thin/Thick Shell	1451	1484	1485	1452	FC=250KG/CM2	1.5000	.00	(none)
542	Thin/Thick Shell	1452	1485	1486	1453	FC=250KG/CM2	1.5000	.00	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
543	Thin/Thick Shell	1453	1486	1457	1454	FC=250KG/CM2	1.5000	.09	(none)
544	Thin/Thick Shell	1454	1457	1458	1455	FC=250KG/CM2	1.5000	.09	(none)
545	Thin/Thick Shell	1456	1489	1490	1457	FC=250KG/CM2	1.5000	.09	(none)
546	Thin/Thick Shell	1457	1490	1491	1458	FC=250KG/CM2	1.5000	.09	(none)
547	Thin/Thick Shell	1458	1491	1492	1459	FC=250KG/CM2	1.5000	.09	(none)
548	Thin/Thick Shell	1459	1492	1493	1460	FC=250KG/CM2	1.5000	.09	(none)
549	Thin/Thick Shell	1460	1493	1494	1461	FC=250KG/CM2	1.5000	.09	(none)
550	Thin/Thick Shell	1461	1494	1495	1462	FC=250KG/CM2	1.5000	.09	(none)
551	Thin/Thick Shell	1462	1495	1496	1463	FC=250KG/CM2	1.5000	.09	(none)
552	Thin/Thick Shell	1463	1496	1497	1464	FC=250KG/CM2	1.5000	.09	(none)
553	Thin/Thick Shell	1464	1497	1498	1465	FC=250KG/CM2	1.5000	.09	(none)
554	Thin/Thick Shell	1465	1498	1499	1466	FC=250KG/CM2	1.5000	.09	(none)
555	Thin/Thick Shell	1466	1499	1500	1467	FC=250KG/CM2	1.5000	.09	(none)
556	Thin/Thick Shell	1467	1500	1501	1468	FC=250KG/CM2	1.5000	.09	(none)
557	Thin/Thick Shell	1468	1501	1502	1469	FC=250KG/CM2	1.5000	.09	(none)
558	Thin/Thick Shell	1469	1502	1503	1470	FC=250KG/CM2	1.5000	.09	(none)
559	Thin/Thick Shell	1470	1503	1504	1471	FC=250KG/CM2	1.5000	.09	(none)
560	Thin/Thick Shell	1471	1504	1505	1472	FC=250KG/CM2	1.5000	.09	(none)
561	Thin/Thick Shell	1472	1505	1506	1473	FC=250KG/CM2	1.5000	.09	(none)
562	Thin/Thick Shell	1473	1506	1507	1474	FC=250KG/CM2	1.5000	.09	(none)
563	Thin/Thick Shell	1474	1507	1508	1475	FC=250KG/CM2	1.5000	.09	(none)
564	Thin/Thick Shell	1475	1508	1509	1476	FC=250KG/CM2	1.5000	.09	(none)
565	Thin/Thick Shell	1476	1509	1510	1477	FC=250KG/CM2	1.5000	.09	(none)
566	Thin/Thick Shell	1477	1510	1511	1478	FC=250KG/CM2	1.5000	.09	(none)
567	Thin/Thick Shell	1478	1511	1512	1479	FC=250KG/CM2	1.5000	.09	(none)
568	Thin/Thick Shell	1479	1512	1513	1480	FC=250KG/CM2	1.5000	.09	(none)
569	Thin/Thick Shell	1480	1513	1514	1481	FC=250KG/CM2	1.5000	.09	(none)
570	Thin/Thick Shell	1481	1514	1515	1482	FC=250KG/CM2	1.5000	.09	(none)
571	Thin/Thick Shell	1482	1515	1516	1483	FC=250KG/CM2	1.5000	.09	(none)
572	Thin/Thick Shell	1483	1516	1517	1484	FC=250KG/CM2	1.5000	.09	(none)
573	Thin/Thick Shell	1484	1517	1518	1485	FC=250KG/CM2	1.5000	.09	(none)
574	Thin/Thick Shell	1485	1518	1519	1486	FC=250KG/CM2	1.5000	.09	(none)
575	Thin/Thick Shell	1486	1519	1520	1487	FC=250KG/CM2	1.5000	.09	(none)
576	Thin/Thick Shell	1487	1520	1521	1488	FC=250KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
577	Thin/Thick Shell	1489	1522	1523	1490	FC=250KG/CM2	1.5000	.09	(none)
578	Thin/Thick Shell	1490	1523	1524	1491	FC=250KG/CM2	1.5000	.09	(none)
579	Thin/Thick Shell	1491	1524	1525	1492	FC=250KG/CM2	1.5000	.09	(none)
580	Thin/Thick Shell	1492	1525	1526	1493	FC=250KG/CM2	1.5000	.09	(none)
581	Thin/Thick Shell	1493	1526	1527	1494	FC=250KG/CM2	1.5000	.09	(none)
582	Thin/Thick Shell	1494	1527	1528	1495	FC=250KG/CM2	1.5000	.09	(none)
583	Thin/Thick Shell	1495	1528	1529	1496	FC=250KG/CM2	1.5000	.09	(none)
584	Thin/Thick Shell	1496	1529	1530	1497	FC=250KG/CM2	1.5000	.09	(none)
585	Thin/Thick Shell	1497	1530	1531	1498	FC=250KG/CM2	1.5000	.09	(none)
586	Thin/Thick Shell	1498	1531	1532	1499	FC=250KG/CM2	1.5000	.09	(none)
587	Thin/Thick Shell	1499	1532	1533	1500	FC=250KG/CM2	1.5000	.09	(none)
588	Thin/Thick Shell	1500	1533	1534	1501	FC=250KG/CM2	1.5000	.09	(none)
589	Thin/Thick Shell	1501	1534	1535	1502	FC=250KG/CM2	1.5000	.09	(none)
590	Thin/Thick Shell	0002	1535	1536	1503	FC=250KG/CM2	1.5000	.09	(none)
591	Thin/Thick Shell	1503	1536	1537	1504	FC=250KG/CM2	1.5000	.09	(none)
592	Thin/Thick Shell	1504	1537	1538	1505	FC=250KG/CM2	1.5000	.09	(none)
593	Thin/Thick Shell	1505	1538	1539	1506	FC=250KG/CM2	1.5000	.09	(none)
594	Thin/Thick Shell	1506	1539	1540	1507	FC=250KG/CM2	1.5000	.09	(none)
595	Thin/Thick Shell	1507	1540	1541	1508	FC=250KG/CM2	1.5000	.09	(none)
596	Thin/Thick Shell	1508	1541	1542	1509	FC=250KG/CM2	1.5000	.09	(none)
597	Thin/Thick Shell	1509	1542	1543	1510	FC=250KG/CM2	1.5000	.09	(none)
598	Thin/Thick Shell	1510	1543	1544	1511	FC=250KG/CM2	1.5000	.09	(none)
599	Thin/Thick Shell	1511	1544	1545	1512	FC=250KG/CM2	1.5000	.09	(none)
600	Thin/Thick Shell	1512	1545	1546	1513	FC=250KG/CM2	1.5000	.09	(none)
601	Thin/Thick Shell	1513	1546	1547	1514	FC=250KG/CM2	1.5000	.09	(none)
602	Thin/Thick Shell	1514	1547	1548	1515	FC=250KG/CM2	1.5000	.09	(none)
603	Thin/Thick Shell	1515	1548	1549	1516	FC=250KG/CM2	1.5000	.09	(none)
604	Thin/Thick Shell	1516	1549	1550	1517	FC=250KG/CM2	1.5000	.09	(none)
605	Thin/Thick Shell	1517	1550	1551	1518	FC=250KG/CM2	1.5000	.09	(none)
606	Thin/Thick Shell	1518	1551	1552	1519	FC=250KG/CM2	1.5000	.09	(none)
607	Thin/Thick Shell	1519	1552	1553	1520	FC=250KG/CM2	1.5000	.09	(none)
608	Thin/Thick Shell	1520	1553	1554	1521	FC=250KG/CM2	1.5000	.09	(none)
609	Thin/Thick Shell	1522	895	1555	1523	FC=250KG/CM2	1.5000	.09	(none)
610	Thin/Thick Shell	1523	1555	1556	1524	FC=250KG/CM2	1.5000	.09	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
911	Thin/Thick Shell	1524	1556	1557	1525	FC=250KG/CM2	1.5000	.09	(none)
912	Thin/Thick Shell	1525	1557	1558	1526	FC=250KG/CM2	1.5000	.09	(none)
913	Thin/Thick Shell	1526	1558	1559	1527	FC=250KG/CM2	1.5000	.09	(none)
914	Thin/Thick Shell	1527	1559	1560	1528	FC=250KG/CM2	1.5000	.09	(none)
915	Thin/Thick Shell	1528	1560	1561	1529	FC=250KG/CM2	1.5000	.09	(none)
916	Thin/Thick Shell	1529	1561	1562	1530	FC=250KG/CM2	1.5000	.09	(none)
917	Thin/Thick Shell	1530	1562	1563	1531	FC=250KG/CM2	1.5000	.09	(none)
918	Thin/Thick Shell	1531	1563	1564	1532	FC=250KG/CM2	1.5000	.09	(none)
919	Thin/Thick Shell	1532	1564	1565	1533	FC=250KG/CM2	1.5000	.09	(none)
920	Thin/Thick Shell	1533	1565	1566	1534	FC=250KG/CM2	1.5000	.09	(none)
921	Thin/Thick Shell	1534	1566	1567	1535	FC=250KG/CM2	1.5000	.09	(none)
922	Thin/Thick Shell	1535	1567	1568	1536	FC=250KG/CM2	1.5000	.09	(none)
923	Thin/Thick Shell	1536	1568	1569	1537	FC=250KG/CM2	1.5000	.09	(none)
924	Thin/Thick Shell	1537	1569	1570	1538	FC=250KG/CM2	1.5000	.09	(none)
925	Thin/Thick Shell	1538	1570	1571	1539	FC=250KG/CM2	1.5000	.09	(none)
926	Thin/Thick Shell	1539	1571	1572	1540	FC=250KG/CM2	1.5000	.09	(none)
927	Thin/Thick Shell	1540	1572	1573	1541	FC=250KG/CM2	1.5000	.09	(none)
928	Thin/Thick Shell	1541	1573	1574	1542	FC=250KG/CM2	1.5000	.09	(none)
929	Thin/Thick Shell	1542	1574	1575	1543	FC=250KG/CM2	1.5000	.09	(none)
930	Thin/Thick Shell	1543	1575	1576	1544	FC=250KG/CM2	1.5000	.09	(none)
931	Thin/Thick Shell	1544	1576	1577	1545	FC=250KG/CM2	1.5000	.09	(none)
932	Thin/Thick Shell	1545	1577	1578	1546	FC=250KG/CM2	1.5000	.09	(none)
933	Thin/Thick Shell	1546	1578	1579	1547	FC=250KG/CM2	1.5000	.09	(none)
934	Thin/Thick Shell	1547	1579	1580	1548	FC=250KG/CM2	1.5000	.09	(none)
935	Thin/Thick Shell	1548	1580	1581	1549	FC=250KG/CM2	1.5000	.09	(none)
936	Thin/Thick Shell	1549	1581	1582	1550	FC=250KG/CM2	1.5000	.09	(none)
937	Thin/Thick Shell	1550	1582	1583	1551	FC=250KG/CM2	1.5000	.09	(none)
938	Thin/Thick Shell	1551	1583	1584	1552	FC=250KG/CM2	1.5000	.09	(none)
939	Thin/Thick Shell	1552	1584	1585	1553	FC=250KG/CM2	1.5000	.09	(none)
940	Thin/Thick Shell	1553	1585	894	1554	FC=250KG/CM2	1.5000	.09	(none)
941	Thin/Thick Shell	1238	1639	1638	1640	FC=250KG/CM2	1.3000	.15	(none)
942	Thin/Thick Shell	1640	1638	1641	1237	FC=250KG/CM2	1.3000	.15	(none)
943	Thin/Thick Shell	1237	1641	1642	1238	FC=250KG/CM2	1.3000	.15	(none)
944	Thin/Thick Shell	1238	1642	1643	1239	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
945	Thin/Thick Shell	1239	1643	1644	1240	FC=250KG/CM2	1.3000	.15	(none)
946	Thin/Thick Shell	1240	1644	1645	1241	FC=250KG/CM2	1.3000	.15	(none)
947	Thin/Thick Shell	1241	1645	1646	1242	FC=250KG/CM2	1.3000	.15	(none)
948	Thin/Thick Shell	1242	1646	1647	1243	FC=250KG/CM2	1.3000	.15	(none)
949	Thin/Thick Shell	1243	1647	1648	1244	FC=250KG/CM2	1.3000	.15	(none)
950	Thin/Thick Shell	1244	1648	1649	1245	FC=250KG/CM2	1.3000	.15	(none)
951	Thin/Thick Shell	1245	1649	1650	1246	FC=250KG/CM2	1.3000	.15	(none)
952	Thin/Thick Shell	1246	1650	1651	1247	FC=250KG/CM2	1.3000	.15	(none)
953	Thin/Thick Shell	1639	1653	1652	1638	FC=250KG/CM2	1.3000	.15	(none)
954	Thin/Thick Shell	1638	1652	1654	1641	FC=250KG/CM2	1.3000	.15	(none)
955	Thin/Thick Shell	1641	1654	1655	1642	FC=250KG/CM2	1.3000	.15	(none)
956	Thin/Thick Shell	1642	1655	1656	1643	FC=250KG/CM2	1.3000	.15	(none)
957	Thin/Thick Shell	1643	1656	1657	1644	FC=250KG/CM2	1.3000	.15	(none)
958	Thin/Thick Shell	1644	1657	1658	1645	FC=250KG/CM2	1.3000	.15	(none)
959	Thin/Thick Shell	1645	1658	1659	1646	FC=250KG/CM2	1.3000	.15	(none)
960	Thin/Thick Shell	1646	1659	1660	1647	FC=250KG/CM2	1.3000	.15	(none)
961	Thin/Thick Shell	1647	1660	1661	1648	FC=250KG/CM2	1.3000	.15	(none)
962	Thin/Thick Shell	1648	1661	1662	1649	FC=250KG/CM2	1.3000	.15	(none)
963	Thin/Thick Shell	1649	1662	1663	1650	FC=250KG/CM2	1.3000	.15	(none)
964	Thin/Thick Shell	1650	1663	1664	1651	FC=250KG/CM2	1.3000	.15	(none)
965	Thin/Thick Shell	1653	1666	1665	1652	FC=250KG/CM2	1.3000	.15	(none)
966	Thin/Thick Shell	1652	1665	1667	1654	FC=250KG/CM2	1.3000	.15	(none)
967	Thin/Thick Shell	1654	1667	1668	1655	FC=250KG/CM2	1.3000	.15	(none)
968	Thin/Thick Shell	1655	1668	1669	1656	FC=250KG/CM2	1.3000	.15	(none)
969	Thin/Thick Shell	1656	1669	1670	1657	FC=250KG/CM2	1.3000	.15	(none)
970	Thin/Thick Shell	1657	1670	1671	1658	FC=250KG/CM2	1.3000	.15	(none)
971	Thin/Thick Shell	1658	1671	1672	1659	FC=250KG/CM2	1.3000	.15	(none)
972	Thin/Thick Shell	1659	1672	1673	1660	FC=250KG/CM2	1.3000	.15	(none)
973	Thin/Thick Shell	1660	1673	1674	1661	FC=250KG/CM2	1.3000	.15	(none)
974	Thin/Thick Shell	1661	1674	1675	1662	FC=250KG/CM2	1.3000	.15	(none)
975	Thin/Thick Shell	1662	1675	1676	1663	FC=250KG/CM2	1.3000	.15	(none)
976	Thin/Thick Shell	1663	1676	1677	1664	FC=250KG/CM2	1.3000	.15	(none)
977	Thin/Thick Shell	1666	1679	1678	1665	FC=250KG/CM2	1.3000	.15	(none)
978	Thin/Thick Shell	1665	1678	1680	1667	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
679	Thin/Thick Shell	1667	1680	1681	1668	FC=250KG/CM2	1.3000	.15	(none)
680	Thin/Thick Shell	1668	1681	1682	1669	FC=250KG/CM2	1.3000	.15	(none)
681	Thin/Thick Shell	1669	1682	1683	1670	FC=250KG/CM2	1.3000	.15	(none)
682	Thin/Thick Shell	1670	1683	1684	1671	FC=250KG/CM2	1.3000	.15	(none)
683	Thin/Thick Shell	1671	1684	1685	1672	FC=250KG/CM2	1.3000	.15	(none)
684	Thin/Thick Shell	1673	1685	1686	1673	FC=250KG/CM2	1.3000	.15	(none)
685	Thin/Thick Shell	1673	1686	1687	1674	FC=250KG/CM2	1.3000	.15	(none)
686	Thin/Thick Shell	1674	1687	1688	1675	FC=250KG/CM2	1.3000	.15	(none)
687	Thin/Thick Shell	1675	1688	1689	1676	FC=250KG/CM2	1.3000	.15	(none)
688	Thin/Thick Shell	1676	1689	1690	1677	FC=250KG/CM2	1.3000	.15	(none)
689	Thin/Thick Shell	1679	1692	1691	1678	FC=250KG/CM2	1.3000	.15	(none)
690	Thin/Thick Shell	1678	1691	1693	1680	FC=250KG/CM2	1.3000	.15	(none)
691	Thin/Thick Shell	1680	1693	1694	1681	FC=250KG/CM2	1.3000	.15	(none)
692	Thin/Thick Shell	1681	1694	1695	1682	FC=250KG/CM2	1.3000	.15	(none)
693	Thin/Thick Shell	1682	1695	1696	1683	FC=250KG/CM2	1.3000	.15	(none)
694	Thin/Thick Shell	1683	1696	1697	1684	FC=250KG/CM2	1.3000	.15	(none)
695	Thin/Thick Shell	1684	1697	1698	1685	FC=250KG/CM2	1.3000	.15	(none)
696	Thin/Thick Shell	1685	1698	1699	1686	FC=250KG/CM2	1.3000	.15	(none)
697	Thin/Thick Shell	1686	1699	1700	1687	FC=250KG/CM2	1.3000	.15	(none)
698	Thin/Thick Shell	1687	1700	1701	1688	FC=250KG/CM2	1.3000	.15	(none)
699	Thin/Thick Shell	1688	1701	1702	1689	FC=250KG/CM2	1.3000	.15	(none)
700	Thin/Thick Shell	1689	1702	1703	1690	FC=250KG/CM2	1.3000	.15	(none)
701	Thin/Thick Shell	1692	1705	1704	1691	FC=250KG/CM2	1.3000	.15	(none)
702	Thin/Thick Shell	1691	1704	1706	1693	FC=250KG/CM2	1.3000	.15	(none)
703	Thin/Thick Shell	1693	1706	1707	1694	FC=250KG/CM2	1.3000	.15	(none)
704	Thin/Thick Shell	1694	1707	1708	1695	FC=250KG/CM2	1.3000	.15	(none)
705	Thin/Thick Shell	1695	1708	1709	1696	FC=250KG/CM2	1.3000	.15	(none)
706	Thin/Thick Shell	1696	1709	1710	1697	FC=250KG/CM2	1.3000	.15	(none)
707	Thin/Thick Shell	1697	1710	1711	1698	FC=250KG/CM2	1.3000	.15	(none)
708	Thin/Thick Shell	1698	1711	1712	1699	FC=250KG/CM2	1.3000	.15	(none)
709	Thin/Thick Shell	1699	1712	1713	1700	FC=250KG/CM2	1.3000	.15	(none)
710	Thin/Thick Shell	1700	1713	1714	1701	FC=250KG/CM2	1.3000	.15	(none)
711	Thin/Thick Shell	1701	1714	1715	1702	FC=250KG/CM2	1.3000	.15	(none)
712	Thin/Thick Shell	1702	1715	1716	1703	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
713	Thin/Thick Shell	1705	1718	1717	1704	FC=250KG/CM2	1.3000	.15	(none)
714	Thin/Thick Shell	1704	1717	1719	1706	FC=250KG/CM2	1.3000	.15	(none)
715	Thin/Thick Shell	1706	1719	1720	1707	FC=250KG/CM2	1.3000	.15	(none)
716	Thin/Thick Shell	1707	1720	1721	1708	FC=250KG/CM2	1.3000	.15	(none)
717	Thin/Thick Shell	1708	1721	1722	1709	FC=250KG/CM2	1.3000	.15	(none)
718	Thin/Thick Shell	1709	1722	1723	1710	FC=250KG/CM2	1.3000	.15	(none)
719	Thin/Thick Shell	1710	1723	1724	1711	FC=250KG/CM2	1.3000	.15	(none)
720	Thin/Thick Shell	1711	1724	1725	1712	FC=250KG/CM2	1.3000	.15	(none)
721	Thin/Thick Shell	1712	1725	1726	1713	FC=250KG/CM2	1.3000	.15	(none)
722	Thin/Thick Shell	1713	1726	1727	1714	FC=250KG/CM2	1.3000	.15	(none)
723	Thin/Thick Shell	1714	1727	1728	1715	FC=250KG/CM2	1.3000	.15	(none)
724	Thin/Thick Shell	1715	1728	1729	1716	FC=250KG/CM2	1.3000	.15	(none)
725	Thin/Thick Shell	1716	1731	1730	1717	FC=250KG/CM2	1.3000	.15	(none)
726	Thin/Thick Shell	1717	1730	1732	1718	FC=250KG/CM2	1.3000	.15	(none)
727	Thin/Thick Shell	1719	1732	1733	1720	FC=250KG/CM2	1.3000	.15	(none)
728	Thin/Thick Shell	1720	1733	1734	1721	FC=250KG/CM2	1.3000	.15	(none)
729	Thin/Thick Shell	1721	1734	1735	1722	FC=250KG/CM2	1.3000	.15	(none)
730	Thin/Thick Shell	1722	1735	1736	1723	FC=250KG/CM2	1.3000	.15	(none)
731	Thin/Thick Shell	1723	1736	1737	1724	FC=250KG/CM2	1.3000	.15	(none)
732	Thin/Thick Shell	1724	1737	1738	1725	FC=250KG/CM2	1.3000	.15	(none)
733	Thin/Thick Shell	1725	1738	1739	1726	FC=250KG/CM2	1.3000	.15	(none)
734	Thin/Thick Shell	1726	1739	1740	1727	FC=250KG/CM2	1.3000	.15	(none)
735	Thin/Thick Shell	1727	1740	1741	1728	FC=250KG/CM2	1.3000	.15	(none)
736	Thin/Thick Shell	1728	1741	1742	1729	FC=250KG/CM2	1.3000	.15	(none)
737	Thin/Thick Shell	1731	1744	1743	1730	FC=250KG/CM2	1.3000	.15	(none)
738	Thin/Thick Shell	1730	1743	1745	1732	FC=250KG/CM2	1.3000	.15	(none)
739	Thin/Thick Shell	1732	1745	1746	1733	FC=250KG/CM2	1.3000	.15	(none)
740	Thin/Thick Shell	1733	1746	1747	1734	FC=250KG/CM2	1.3000	.15	(none)
741	Thin/Thick Shell	1734	1747	1748	1735	FC=250KG/CM2	1.3000	.15	(none)
742	Thin/Thick Shell	1735	1748	1749	1736	FC=250KG/CM2	1.3000	.15	(none)
743	Thin/Thick Shell	1736	1749	1750	1737	FC=250KG/CM2	1.3000	.15	(none)
744	Thin/Thick Shell	1737	1750	1751	1738	FC=250KG/CM2	1.3000	.15	(none)
745	Thin/Thick Shell	1738	1751	1752	1739	FC=250KG/CM2	1.3000	.15	(none)
746	Thin/Thick Shell	1739	1752	1753	1740	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
747	Thin/Thick Shell	1740	1753	1754	1741	FC=250KG/CM2	1.3000	.15	(none)
748	Thin/Thick Shell	1741	1754	1755	1742	FC=250KG/CM2	1.3000	.15	(none)
749	Thin/Thick Shell	1744	1757	1758	1743	FC=250KG/CM2	1.3000	.15	(none)
750	Thin/Thick Shell	1743	1758	1758	1745	FC=250KG/CM2	1.3000	.15	(none)
751	Thin/Thick Shell	1745	1758	1759	1746	FC=250KG/CM2	1.3000	.15	(none)
752	Thin/Thick Shell	1746	1759	1760	1747	FC=250KG/CM2	1.3000	.15	(none)
753	Thin/Thick Shell	1747	1760	1761	1748	FC=250KG/CM2	1.3000	.15	(none)
754	Thin/Thick Shell	1748	1761	1762	1749	FC=250KG/CM2	1.3000	.15	(none)
755	Thin/Thick Shell	1749	1762	1763	1750	FC=250KG/CM2	1.3000	.15	(none)
756	Thin/Thick Shell	1750	1763	1764	1751	FC=250KG/CM2	1.3000	.15	(none)
757	Thin/Thick Shell	1751	1764	1765	1752	FC=250KG/CM2	1.3000	.15	(none)
758	Thin/Thick Shell	1752	1765	1766	1753	FC=250KG/CM2	1.3000	.15	(none)
759	Thin/Thick Shell	1753	1766	1767	1754	FC=250KG/CM2	1.3000	.15	(none)
760	Thin/Thick Shell	1754	1767	1768	1755	FC=250KG/CM2	1.3000	.15	(none)
761	Thin/Thick Shell	1757	1770	1769	1756	FC=250KG/CM2	1.3000	.15	(none)
762	Thin/Thick Shell	1756	1769	1771	1758	FC=250KG/CM2	1.3000	.15	(none)
763	Thin/Thick Shell	1758	1771	1772	1759	FC=250KG/CM2	1.3000	.15	(none)
764	Thin/Thick Shell	1759	1772	1773	1760	FC=250KG/CM2	1.3000	.15	(none)
765	Thin/Thick Shell	1760	1773	1774	1761	FC=250KG/CM2	1.3000	.15	(none)
766	Thin/Thick Shell	1761	1774	1775	1762	FC=250KG/CM2	1.3000	.15	(none)
767	Thin/Thick Shell	1762	1775	1776	1763	FC=250KG/CM2	1.3000	.15	(none)
768	Thin/Thick Shell	1763	1776	1777	1764	FC=250KG/CM2	1.3000	.15	(none)
769	Thin/Thick Shell	1764	1777	1778	1765	FC=250KG/CM2	1.3000	.15	(none)
770	Thin/Thick Shell	1765	1778	1779	1766	FC=250KG/CM2	1.3000	.15	(none)
771	Thin/Thick Shell	1766	1779	1780	1767	FC=250KG/CM2	1.3000	.15	(none)
772	Thin/Thick Shell	1767	1780	1781	1768	FC=250KG/CM2	1.3000	.15	(none)
773	Thin/Thick Shell	1770	1783	1782	1769	FC=250KG/CM2	1.3000	.15	(none)
774	Thin/Thick Shell	1768	1782	1784	1771	FC=250KG/CM2	1.3000	.15	(none)
775	Thin/Thick Shell	1771	1784	1785	1772	FC=250KG/CM2	1.3000	.15	(none)
776	Thin/Thick Shell	1772	1785	1786	1773	FC=250KG/CM2	1.3000	.15	(none)
777	Thin/Thick Shell	1773	1786	1787	1774	FC=250KG/CM2	1.3000	.15	(none)
778	Thin/Thick Shell	1774	1787	1788	1775	FC=250KG/CM2	1.3000	.15	(none)
779	Thin/Thick Shell	1775	1788	1789	1776	FC=250KG/CM2	1.3000	.15	(none)
780	Thin/Thick Shell	1776	1789	1790	1777	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
781	Thin/Thick Shell	1777	1790	1791	1778	FC=250KG/CM2	1.3000	.15	(none)
782	Thin/Thick Shell	1778	1791	1792	1779	FC=250KG/CM2	1.3000	.15	(none)
783	Thin/Thick Shell	1779	1792	1793	1780	FC=250KG/CM2	1.3000	.15	(none)
784	Thin/Thick Shell	1780	1793	1794	1781	FC=250KG/CM2	1.3000	.15	(none)
785	Thin/Thick Shell	1783	1796	1795	1782	FC=250KG/CM2	1.3000	.15	(none)
786	Thin/Thick Shell	1782	1795	1797	1784	FC=250KG/CM2	1.3000	.15	(none)
787	Thin/Thick Shell	1784	1797	1798	1785	FC=250KG/CM2	1.3000	.15	(none)
788	Thin/Thick Shell	1785	1798	1799	1786	FC=250KG/CM2	1.3000	.15	(none)
789	Thin/Thick Shell	1786	1799	1800	1787	FC=250KG/CM2	1.3000	.15	(none)
790	Thin/Thick Shell	1787	1800	1801	1788	FC=250KG/CM2	1.3000	.15	(none)
791	Thin/Thick Shell	1788	1801	1802	1789	FC=250KG/CM2	1.3000	.15	(none)
792	Thin/Thick Shell	1789	1802	1803	1790	FC=250KG/CM2	1.3000	.15	(none)
793	Thin/Thick Shell	1790	1803	1804	1791	FC=250KG/CM2	1.3000	.15	(none)
794	Thin/Thick Shell	1791	1804	1805	1792	FC=250KG/CM2	1.3000	.15	(none)
795	Thin/Thick Shell	1792	1805	1806	1793	FC=250KG/CM2	1.3000	.15	(none)
796	Thin/Thick Shell	1793	1806	1807	1794	FC=250KG/CM2	1.3000	.15	(none)
797	Thin/Thick Shell	1796	1809	1808	1795	FC=250KG/CM2	1.3000	.15	(none)
798	Thin/Thick Shell	1795	1808	1810	1797	FC=250KG/CM2	1.3000	.15	(none)
799	Thin/Thick Shell	1797	1810	1811	1798	FC=250KG/CM2	1.3000	.15	(none)
800	Thin/Thick Shell	1798	1811	1812	1799	FC=250KG/CM2	1.3000	.15	(none)
801	Thin/Thick Shell	1799	1812	1813	1800	FC=250KG/CM2	1.3000	.15	(none)
802	Thin/Thick Shell	1800	1813	1814	1801	FC=250KG/CM2	1.3000	.15	(none)
803	Thin/Thick Shell	1801	1814	1815	1803	FC=250KG/CM2	1.3000	.15	(none)
804	Thin/Thick Shell	1802	1815	1816	1803	FC=250KG/CM2	1.3000	.15	(none)
805	Thin/Thick Shell	1803	1816	1817	1804	FC=250KG/CM2	1.3000	.15	(none)
806	Thin/Thick Shell	1804	1817	1818	1805	FC=250KG/CM2	1.3000	.15	(none)
807	Thin/Thick Shell	1805	1818	1819	1806	FC=250KG/CM2	1.3000	.15	(none)
808	Thin/Thick Shell	1806	1819	1820	1807	FC=250KG/CM2	1.3000	.15	(none)
809	Thin/Thick Shell	1809	1822	1821	1808	FC=250KG/CM2	1.3000	.15	(none)
810	Thin/Thick Shell	1808	1821	1823	1810	FC=250KG/CM2	1.3000	.15	(none)
811	Thin/Thick Shell	1810	1823	1824	1811	FC=250KG/CM2	1.3000	.15	(none)
812	Thin/Thick Shell	1811	1824	1825	1812	FC=250KG/CM2	1.3000	.15	(none)
813	Thin/Thick Shell	1812	1825	1826	1813	FC=250KG/CM2	1.3000	.15	(none)
814	Thin/Thick Shell	1813	1826	1827	1814	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
815	Thin/Thick Shell	1814	1827	1828	1815	FC=250KG/CM2	1.3000	.15	(none)
816	Thin/Thick Shell	1815	1828	1829	1816	FC=250KG/CM2	1.3000	.15	(none)
817	Thin/Thick Shell	1816	1829	1830	1817	FC=250KG/CM2	1.3000	.15	(none)
818	Thin/Thick Shell	1817	1830	1831	1818	FC=250KG/CM2	1.3000	.15	(none)
819	Thin/Thick Shell	1818	1831	1832	1819	FC=250KG/CM2	1.3000	.15	(none)
820	Thin/Thick Shell	1819	1832	1833	1820	FC=250KG/CM2	1.3000	.15	(none)
821	Thin/Thick Shell	1822	1835	1834	1821	FC=250KG/CM2	1.3000	.15	(none)
822	Thin/Thick Shell	1821	1834	1836	1823	FC=250KG/CM2	1.3000	.15	(none)
823	Thin/Thick Shell	1823	1836	1837	1824	FC=250KG/CM2	1.3000	.15	(none)
824	Thin/Thick Shell	1824	1837	1838	1825	FC=250KG/CM2	1.3000	.15	(none)
825	Thin/Thick Shell	1825	1838	1839	1826	FC=250KG/CM2	1.3000	.15	(none)
826	Thin/Thick Shell	1826	1839	1840	1827	FC=250KG/CM2	1.3000	.15	(none)
827	Thin/Thick Shell	1827	1840	1841	1828	FC=250KG/CM2	1.3000	.15	(none)
828	Thin/Thick Shell	1828	1841	1842	1829	FC=250KG/CM2	1.3000	.15	(none)
829	Thin/Thick Shell	1829	1842	1843	1830	FC=250KG/CM2	1.3000	.15	(none)
830	Thin/Thick Shell	1830	1843	1844	1831	FC=250KG/CM2	1.3000	.15	(none)
831	Thin/Thick Shell	1831	1844	1845	1832	FC=250KG/CM2	1.3000	.15	(none)
832	Thin/Thick Shell	1832	1845	1846	1833	FC=250KG/CM2	1.3000	.15	(none)
833	Thin/Thick Shell	1835	1848	1847	1834	FC=250KG/CM2	1.3000	.15	(none)
834	Thin/Thick Shell	1834	1847	1849	1836	FC=250KG/CM2	1.3000	.15	(none)
835	Thin/Thick Shell	1836	1849	1850	1837	FC=250KG/CM2	1.3000	.15	(none)
836	Thin/Thick Shell	1837	1850	1851	1838	FC=250KG/CM2	1.3000	.15	(none)
837	Thin/Thick Shell	1838	1851	1852	1839	FC=250KG/CM2	1.3000	.15	(none)
838	Thin/Thick Shell	1839	1852	1853	1840	FC=250KG/CM2	1.3000	.15	(none)
839	Thin/Thick Shell	1840	1853	1854	1841	FC=250KG/CM2	1.3000	.15	(none)
840	Thin/Thick Shell	1841	1854	1855	1842	FC=250KG/CM2	1.3000	.15	(none)
841	Thin/Thick Shell	1842	1855	1856	1843	FC=250KG/CM2	1.3000	.15	(none)
842	Thin/Thick Shell	1843	1856	1857	1844	FC=250KG/CM2	1.3000	.15	(none)
843	Thin/Thick Shell	1844	1857	1858	1845	FC=250KG/CM2	1.3000	.15	(none)
844	Thin/Thick Shell	1845	1858	1859	1846	FC=250KG/CM2	1.3000	.15	(none)
845	Thin/Thick Shell	1848	1861	1860	1847	FC=250KG/CM2	1.3000	.15	(none)
846	Thin/Thick Shell	1847	1860	1862	1849	FC=250KG/CM2	1.3000	.15	(none)
847	Thin/Thick Shell	1849	1862	1863	1850	FC=250KG/CM2	1.3000	.15	(none)
848	Thin/Thick Shell	1850	1863	1864	1851	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
849	Thin/Thick Shell	1851	1864	1865	1852	FC=250KG/CM2	1.3000	.15	(none)
850	Thin/Thick Shell	1852	1865	1866	1853	FC=250KG/CM2	1.3000	.15	(none)
851	Thin/Thick Shell	1853	1866	1867	1854	FC=250KG/CM2	1.3000	.15	(none)
852	Thin/Thick Shell	1854	1867	1868	1855	FC=250KG/CM2	1.3000	.15	(none)
853	Thin/Thick Shell	1855	1868	1869	1856	FC=250KG/CM2	1.3000	.15	(none)
854	Thin/Thick Shell	1856	1869	1870	1857	FC=250KG/CM2	1.3000	.15	(none)
855	Thin/Thick Shell	1857	1870	1871	1858	FC=250KG/CM2	1.3000	.15	(none)
856	Thin/Thick Shell	1858	1871	1872	1859	FC=250KG/CM2	1.3000	.15	(none)
857	Thin/Thick Shell	1861	1874	1873	1860	FC=250KG/CM2	1.3000	.15	(none)
858	Thin/Thick Shell	1860	1873	1875	1862	FC=250KG/CM2	1.3000	.15	(none)
859	Thin/Thick Shell	1862	1875	1876	1863	FC=250KG/CM2	1.3000	.15	(none)
860	Thin/Thick Shell	1863	1876	1877	1864	FC=250KG/CM2	1.3000	.15	(none)
861	Thin/Thick Shell	1864	1877	1878	1865	FC=250KG/CM2	1.3000	.15	(none)
862	Thin/Thick Shell	1865	1878	1879	1866	FC=250KG/CM2	1.3000	.15	(none)
863	Thin/Thick Shell	1868	1879	1880	1867	FC=250KG/CM2	1.3000	.15	(none)
864	Thin/Thick Shell	1867	1880	1881	1868	FC=250KG/CM2	1.3000	.15	(none)
865	Thin/Thick Shell	1868	1881	1882	1869	FC=250KG/CM2	1.3000	.15	(none)
866	Thin/Thick Shell	1869	1882	1883	1870	FC=250KG/CM2	1.3000	.15	(none)
867	Thin/Thick Shell	1870	1883	1884	1871	FC=250KG/CM2	1.3000	.15	(none)
868	Thin/Thick Shell	1871	1884	1885	1872	FC=250KG/CM2	1.3000	.15	(none)
869	Thin/Thick Shell	1874	1887	1886	1873	FC=250KG/CM2	1.3000	.15	(none)
870	Thin/Thick Shell	1873	1886	1888	1875	FC=250KG/CM2	1.3000	.15	(none)
871	Thin/Thick Shell	1875	1888	1889	1876	FC=250KG/CM2	1.3000	.15	(none)
872	Thin/Thick Shell	1876	1889	1890	1877	FC=250KG/CM2	1.3000	.15	(none)
873	Thin/Thick Shell	1877	1890	1891	1878	FC=250KG/CM2	1.3000	.15	(none)
874	Thin/Thick Shell	1878	1891	1892	1879	FC=250KG/CM2	1.3000	.15	(none)
875	Thin/Thick Shell	1879	1892	1893	1880	FC=250KG/CM2	1.3000	.15	(none)
876	Thin/Thick Shell	1880	1893	1894	1881	FC=250KG/CM2	1.3000	.15	(none)
877	Thin/Thick Shell	1881	1894	1895	1882	FC=250KG/CM2	1.3000	.15	(none)
878	Thin/Thick Shell	1882	1895	1896	1883	FC=250KG/CM2	1.3000	.15	(none)
879	Thin/Thick Shell	1883	1896	1897	1884	FC=250KG/CM2	1.3000	.15	(none)
880	Thin/Thick Shell	1884	1897	1898	1885	FC=250KG/CM2	1.3000	.15	(none)
881	Thin/Thick Shell	1887	1900	1899	1886	FC=250KG/CM2	1.3000	.15	(none)
882	Thin/Thick Shell	1886	1899	1901	1888	FC=250KG/CM2	1.3000	.15	(none)

INPUT : Plates

ID	Type	I-Joint	J-Joint	K-Joint	L-Joint	Material	Thickness (m)	Area (m²)	Structure / Construction Group
883	Thin/Thick Shell	1886	1901	1902	1889	FC=250KG/CM2	1.3000	.15	(none)
884	Thin/Thick Shell	1889	1902	1903	1890	FC=250KG/CM2	1.3000	.15	(none)
885	Thin/Thick Shell	1890	1903	1904	1891	FC=250KG/CM2	1.3000	.15	(none)
886	Thin/Thick Shell	1891	1904	1905	1892	FC=250KG/CM2	1.3000	.15	(none)
887	Thin/Thick Shell	1892	1905	1906	1893	FC=250KG/CM2	1.3000	.15	(none)
888	Thin/Thick Shell	1893	1906	1907	1894	FC=250KG/CM2	1.3000	.15	(none)
889	Thin/Thick Shell	1894	1907	1908	1895	FC=250KG/CM2	1.3000	.15	(none)
890	Thin/Thick Shell	1895	1908	1909	1896	FC=250KG/CM2	1.3000	.15	(none)
891	Thin/Thick Shell	1896	1909	1910	1897	FC=250KG/CM2	1.3000	.15	(none)
892	Thin/Thick Shell	1897	1910	1911	1898	FC=250KG/CM2	1.3000	.15	(none)
893	Thin/Thick Shell	1900	1913	1912	1899	FC=250KG/CM2	1.3000	.15	(none)
894	Thin/Thick Shell	1899	1912	1914	1901	FC=250KG/CM2	1.3000	.15	(none)
895	Thin/Thick Shell	1901	1914	1915	1902	FC=250KG/CM2	1.3000	.15	(none)
896	Thin/Thick Shell	1902	1915	1916	1903	FC=250KG/CM2	1.3000	.15	(none)
897	Thin/Thick Shell	1903	1916	1917	1904	FC=250KG/CM2	1.3000	.15	(none)
898	Thin/Thick Shell	1904	1917	1918	1905	FC=250KG/CM2	1.3000	.15	(none)
899	Thin/Thick Shell	1905	1918	1919	1906	FC=250KG/CM2	1.3000	.15	(none)
900	Thin/Thick Shell	1906	1919	1920	1907	FC=250KG/CM2	1.3000	.15	(none)
901	Thin/Thick Shell	1907	1920	1921	1908	FC=250KG/CM2	1.3000	.15	(none)
902	Thin/Thick Shell	1908	1921	1922	1909	FC=250KG/CM2	1.3000	.15	(none)
903	Thin/Thick Shell	1909	1922	1923	1910	FC=250KG/CM2	1.3000	.15	(none)
904	Thin/Thick Shell	1910	1923	1924	1911	FC=250KG/CM2	1.3000	.15	(none)

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete f'c28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
FC=250KG/CM2	0.00	0.020	Cylinder	2,500.00	Normal	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

ZAPATA-SIN-COLUMNAS YPILOTES

LOAD COMBINATION AASHTO-I

Load Case	Factor
DL	1.30
LL	2.67

LOAD COMBINATION AASHTO-II

Load Case	Factor
DL	1.30
W	1.30

LOAD COMBINATION AASHTO-III

Load Case	Factor
DL	1.30
LL	1.60
LF	1.30
W	0.30
W+LL	1.30

LOAD COMBINATION AASHTO-VIIA

Load Case	Factor
DL	1.30
EQ-T	1.30
EQ-L	0.39

LOAD COMBINATION AASHTO-VIIB

Load Case	Factor
DL	1.30
EQ-T	0.30
EQ-L	1.30

LOAD COMBINATION AASHTO-VIIC

Load Case	Factor
DL	0.90
EQ-T	1.30
EQ-L	0.30

LOAD COMBINATION AASHTO-VIID

Load Case	Factor
DL	0.90
EQ-T	0.30
EQ-L	1.30

LOAD COMBINATION AASHTO-I-S

Load Case	Factor
DL	1.00
LL	1.00

LOAD COMBINATION AASHTO-II-S

Load Case	Factor
DL	1.00
W	1.00

LOAD COMBINATION AASHTO-III-S

Load Case	Factor
DL	1.00
LL	1.00
LF	1.00
W	0.30
WorkLL	1.00

LOAD COMBINATION AASHTO-VIIA-S

Load Case	Factor
DL	1.00
EQ-T	1.00
EQ-L	0.30

LOAD COMBINATION AASHTO-VIIB-S

Load Case	Factor
DL	1.00
EQ-T	0.30
EQ-L	1.00

Result Cases Summary

Load Combinations: AASHTO-I
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-II
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-III
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIIA
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIIB
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIIC
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIID
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-I-S
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-II-S
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-III-S
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIIA-S
Solved: 02/04/2009

Load Class: None

Load Combinations: AASHTO-VIIB-S
Solved: 02/04/2009

Load Class: None

RESULT : Reactions

Joint	Result Case	Force X (lb-fps)	Force Y (lb-fps)	Force Z (lb-fps)	Moment X (lb-fps-in)	Moment Y (lb-fps-in)	Moment Z (lb-fps-in)
324	AASHTO-I	-0.3423	0.0092	0.0000	0.0000	0.0000	0.0000
324	AASHTO-II	-0.4322	0.1668	0.0000	0.0000	0.0000	0.0000
324	AASHTO-III	-0.3967	0.5025	0.0000	0.0000	0.0000	0.0000
324	AASHTO-VIIA	-1.7338	0.7419	0.0000	0.0000	0.0000	0.0000
324	AASHTO-VIIB	-0.4624	2.4744	0.0000	0.0000	0.0000	0.0000
324	AASHTO-VIIC	-1.7306	0.7376	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (lb-fps)	Force Y (lb-fps)	Force Z (lb-fps)	Moment X (lb-fps-in)	Moment Y (lb-fps-in)	Moment Z (lb-fps-in)
324	AASHTO-VIID	-0.4910	2.4659	0.0000	0.0000	0.0000	0.0000
324	AASHTO-I-E	-0.0750	0.0071	0.0000	0.0000	0.0000	0.0000
324	AASHTO-II-S	-0.3317	0.1290	0.0000	0.0000	0.0000	0.0000
324	AASHTO-III-S	-0.2724	0.3855	0.0000	0.0000	0.0000	0.0000
324	AASHTO-VIIA-E	-1.3310	0.5694	0.0000	0.0000	0.0000	0.0000
324	AASHTO-VIIB-E	-0.3703	1.8990	0.0000	0.0000	0.0000	0.0000
414	AASHTO-I	-0.2611	0.0331	0.0000	0.0000	0.0000	0.0000
414	AASHTO-II	-0.5944	0.2800	0.0000	0.0000	0.0000	0.0000
414	AASHTO-III	-0.5301	0.8826	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIIA	-2.9689	1.2444	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIIB	-0.7689	4.1527	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIIC	-2.9935	1.2335	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIID	-0.7985	4.1321	0.0000	0.0000	0.0000	0.0000
414	AASHTO-I-S	-0.0469	0.0232	0.0000	0.0000	0.0000	0.0000
414	AASHTO-II-S	-0.5329	0.2225	0.0000	0.0000	0.0000	0.0000
414	AASHTO-III-S	-0.3883	0.6524	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIIA-E	-2.2769	0.9550	0.0000	0.0000	0.0000	0.0000
414	AASHTO-VIIB-S	-0.5901	3.1853	0.0000	0.0000	0.0000	0.0000
415	AASHTO-I	-0.1399	0.0547	0.0000	0.0000	0.0000	0.0000
415	AASHTO-II	-0.8109	0.3468	0.0000	0.0000	0.0000	0.0000
415	AASHTO-III	-0.5507	1.0485	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIIA	-3.7020	1.5206	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIIB	-0.8660	5.0708	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIIC	-3.7508	1.5026	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIID	-0.9446	5.0432	0.0000	0.0000	0.0000	0.0000
415	AASHTO-I-S	0.0397	0.0422	0.0000	0.0000	0.0000	0.0000
415	AASHTO-II-S	-0.6221	0.2815	0.0000	0.0000	0.0000	0.0000
415	AASHTO-III-S	-0.3899	0.8042	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIIA-S	-2.8413	1.1668	0.0000	0.0000	0.0000	0.0000
415	AASHTO-VIIB-S	-0.6826	3.8913	0.0000	0.0000	0.0000	0.0000
416	AASHTO-I	0.0527	0.0776	0.0000	0.0000	0.0000	0.0000
416	AASHTO-II	-0.8100	0.3884	0.0000	0.0000	0.0000	0.0000
416	AASHTO-III	-0.4450	1.1118	0.0000	0.0000	0.0000	0.0000
416	AASHTO-VIIA	-3.9723	1.5976	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
416	AASHTO-VIIB	-0.8787	5.3259	0.0000	0.0000	0.0000	0.0000
416	AASHTO-VIIC	-4.0441	1.5737	0.0000	0.0000	0.0000	0.0000
416	AASHTO-VIID	-6.9578	9.2916	0.0000	0.0000	0.0000	0.0000
416	AASHTO-I-E	0.1499	0.0596	0.0000	0.0000	0.0000	0.0000
416	AASHTO-II-S	-0.6213	0.3065	0.0000	0.0000	0.0000	0.0000
416	AASHTO-III-S	-0.3154	0.9528	0.0000	0.0000	0.0000	0.0000
416	AASHTO-VIIA-E	-3.0485	1.2259	0.0000	0.0000	0.0000	0.0000
416	AASHTO-VIIB-E	-6.6742	4.0872	0.0000	0.0000	0.0000	0.0000
417	AASHTO-I	0.2641	0.0947	0.0000	0.0000	0.0000	0.0000
417	AASHTO-II	-0.7212	0.3028	0.0000	0.0000	0.0000	0.0000
417	AASHTO-III	-0.2737	1.0627	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIIA	-3.5470	1.3115	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIIB	-6.7711	9.0339	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIIC	-3.9374	1.4835	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIID	-6.8887	4.9678	0.0000	0.0000	0.0000	0.0000
417	AASHTO-I-S	0.2579	0.0732	0.0000	0.0000	0.0000	0.0000
417	AASHTO-II-S	-0.5531	0.3015	0.0000	0.0000	0.0000	0.0000
417	AASHTO-III-S	-0.1973	0.8152	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIIA-E	-2.9522	1.1598	0.0000	0.0000	0.0000	0.0000
417	AASHTO-VIIB-E	-0.5917	3.8648	0.0000	0.0000	0.0000	0.0000
418	AASHTO-I	0.4570	0.1045	0.0000	0.0000	0.0000	0.0000
418	AASHTO-II	-0.5722	0.3540	0.0000	0.0000	0.0000	0.0000
418	AASHTO-III	-0.0794	0.8293	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIIA	-3.4059	1.3007	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIIB	-6.5966	4.5264	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIIC	-3.5980	1.2710	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIID	-6.7073	4.2906	0.0000	0.0000	0.0000	0.0000
418	AASHTO-I-S	0.3464	0.0809	0.0000	0.0000	0.0000	0.0000
418	AASHTO-II-S	-0.4367	0.2717	0.0000	0.0000	0.0000	0.0000
418	AASHTO-III-S	-0.0812	0.7104	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIIA-E	-2.8136	0.9980	0.0000	0.0000	0.0000	0.0000
418	AASHTO-VIIB-E	-0.4596	3.3231	0.0000	0.0000	0.0000	0.0000
419	AASHTO-I	0.6058	0.1062	0.0000	0.0000	0.0000	0.0000
419	AASHTO-II	-0.3858	0.2801	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
419	AASHTO-III	0.1137	0.7249	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIIA	-2.7265	1.0006	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIIB	-0.3877	3.5219	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIIC	-2.8329	0.9715	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIID	-0.4886	3.2874	0.0000	0.0000	0.0000	0.0000
419	AASHTO-I-S	0.4057	0.0820	0.0000	0.0000	0.0000	0.0000
419	AASHTO-II-S	-0.2958	0.2228	0.0000	0.0000	0.0000	0.0000
419	AASHTO-III-S	0.0744	0.5584	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIIA-E	-2.0624	0.7678	0.0000	0.0000	0.0000	0.0000
419	AASHTO-VIIB-E	-0.2979	2.5521	0.0000	0.0000	0.0000	0.0000
420	AASHTO-I	0.7085	0.0998	0.0000	0.0000	0.0000	0.0000
420	AASHTO-II	-0.1785	0.2373	0.0000	0.0000	0.0000	0.0000
420	AASHTO-III	0.2902	0.4781	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIIA	-1.5729	0.6387	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIIB	-0.1563	2.1081	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIIC	-1.9756	0.6126	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIID	-0.2614	2.0601	0.0000	0.0000	0.0000	0.0000
420	AASHTO-I-E	0.4322	0.0771	0.0000	0.0000	0.0000	0.0000
420	AASHTO-II-S	-0.1369	0.1593	0.0000	0.0000	0.0000	0.0000
420	AASHTO-III-S	0.1569	0.3673	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIIA-E	-1.4375	0.4902	0.0000	0.0000	0.0000	0.0000
420	AASHTO-VIIB-E	-0.1205	1.6234	0.0000	0.0000	0.0000	0.0000
421	AASHTO-I	0.7549	0.0890	0.0000	0.0000	0.0000	0.0000
421	AASHTO-II	0.0408	0.1096	0.0000	0.0000	0.0000	0.0000
421	AASHTO-III	0.4439	0.1672	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIIA	-0.8462	0.2319	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIIB	0.0855	0.7434	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIIC	-0.9785	0.2111	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIID	-0.0060	0.7248	0.0000	0.0000	0.0000	0.0000
421	AASHTO-I-E	0.4264	0.0665	0.0000	0.0000	0.0000	0.0000
421	AASHTO-II-S	0.0311	0.0844	0.0000	0.0000	0.0000	0.0000
421	AASHTO-III-S	0.3073	0.1522	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIIA-S	-0.8810	0.1783	0.0000	0.0000	0.0000	0.0000
421	AASHTO-VIIB-S	0.0647	0.5776	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (tn-fuerz)	Force Y (tn-fuerz)	Force Z (tn-fuerz)	Moment X (tn-fuerz-m)	Moment Y (tn-fuerz-m)	Moment Z (tn-fuerz-m)
423	AASHTO-I	0.7627	0.3605	0.0000	0.0000	0.0000	0.0000
422	AASHTO-E	0.2700	-0.0013	0.0000	0.0000	0.0000	0.0000
422	AASHTO-EI	0.5796	-0.1138	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIIA	0.2181	-0.2144	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIIB	0.3392	-0.7549	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIIC	0.1423	-0.2280	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIID	0.2651	-0.7614	0.0000	0.0000	0.0000	0.0000
422	AASHTO-I-S	0.3813	0.0507	0.0000	0.0000	0.0000	0.0000
422	AASHTO-E-S	0.2998	-0.0006	0.0000	0.0000	0.0000	0.0000
422	AASHTO-EI-S	0.4015	-0.0859	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIIA-S	0.1699	-0.1637	0.0000	0.0000	0.0000	0.0000
422	AASHTO-VIIB-S	0.2565	-0.5693	0.0000	0.0000	0.0000	0.0000
423	AASHTO-I	0.7102	0.0390	0.0000	0.0000	0.0000	0.0000
423	AASHTO-E	0.5142	-0.1282	0.0000	0.0000	0.0000	0.0000
423	AASHTO-EI	0.6856	-0.4584	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIIA	1.4501	-0.7055	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIIB	0.8011	-2.4054	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIIC	1.3963	-0.7101	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIID	0.5569	-2.3669	0.0000	0.0000	0.0000	0.0000
423	AASHTO-I-S	0.5315	0.0305	0.0000	0.0000	0.0000	0.0000
423	AASHTO-E-S	0.3937	-0.0983	0.0000	0.0000	0.0000	0.0000
423	AASHTO-EI-S	0.4864	-0.3496	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIIA-S	1.1099	-0.5401	0.0000	0.0000	0.0000	0.0000
423	AASHTO-VIIB-S	0.4592	-1.8319	0.0000	0.0000	0.0000	0.0000
424	AASHTO-I	0.6358	0.0098	0.0000	0.0000	0.0000	0.0000
424	AASHTO-E	0.7815	-0.2677	0.0000	0.0000	0.0000	0.0000
424	AASHTO-EI	0.9103	-0.9450	0.0000	0.0000	0.0000	0.0000
424	AASHTO-VIIA	2.8393	-1.2546	0.0000	0.0000	0.0000	0.0000
424	AASHTO-VIIB	0.8930	-4.2515	0.0000	0.0000	0.0000	0.0000
424	AASHTO-VIIC	2.8115	-1.2481	0.0000	0.0000	0.0000	0.0000
424	AASHTO-VIID	0.8783	-4.2252	0.0000	0.0000	0.0000	0.0000
424	AASHTO-I-S	0.2491	0.0054	0.0000	0.0000	0.0000	0.0000
424	AASHTO-E-S	0.5983	-0.2047	0.0000	0.0000	0.0000	0.0000
424	AASHTO-EI-S	0.5685	-0.6455	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (tn-fuerz)	Force Y (tn-fuerz)	Force Z (tn-fuerz)	Moment X (tn-fuerz-m)	Moment Y (tn-fuerz-m)	Moment Z (tn-fuerz-m)
424	AASHTO-VIIA-S	2.1798	-0.9626	0.0000	0.0000	0.0000	0.0000
424	AASHTO-VIIB-S	0.6801	-3.2439	0.0000	0.0000	0.0000	0.0000
425	AASHTO-I	0.2480	-0.0158	223.9904	0.0000	0.0000	0.0000
425	AASHTO-E	0.5405	-0.2149	195.5000	0.0000	0.0000	0.0000
425	AASHTO-EI	0.4648	-0.6419	233.0112	0.0000	0.0000	0.0000
425	AASHTO-VIIA	2.2084	-0.9361	136.1398	0.0000	0.0000	0.0000
425	AASHTO-VIIB	0.6064	-3.1714	329.4504	0.0000	0.0000	0.0000
425	AASHTO-VIIC	2.2110	-0.9260	91.0270	0.0000	0.0000	0.0000
425	AASHTO-VIID	0.6159	-3.1479	274.1597	0.0000	0.0000	0.0000
425	AASHTO-I-S	0.0739	-0.0120	170.9682	0.0000	0.0000	0.0000
425	AASHTO-E-S	0.4139	-0.1641	150.0096	0.0000	0.0000	0.0000
425	AASHTO-EI-S	0.3271	-0.4806	178.9326	0.0000	0.0000	0.0000
425	AASHTO-VIIA-S	1.8917	-0.7188	104.7445	0.0000	0.0000	0.0000
425	AASHTO-VIIB-S	0.4630	-2.4218	253.3188	0.0000	0.0000	0.0000
880	AASHTO-I	-0.2423	-0.0080	0.0000	0.0000	0.0000	0.0000
880	AASHTO-E	-0.4338	0.1524	0.0000	0.0000	0.0000	0.0000
880	AASHTO-EI	-0.3923	0.4864	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIIA	-1.7412	0.7360	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIIB	-0.5059	2.4606	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIIC	-1.7470	0.7384	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIID	-0.5144	2.4598	0.0000	0.0000	0.0000	0.0000
880	AASHTO-I-S	-0.0750	-0.0071	0.0000	0.0000	0.0000	0.0000
880	AASHTO-E-S	-0.3329	0.1168	0.0000	0.0000	0.0000	0.0000
880	AASHTO-EI-S	-0.2765	0.3731	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIIA-S	-1.3396	0.5664	0.0000	0.0000	0.0000	0.0000
880	AASHTO-VIIB-S	-0.3883	1.8885	0.0000	0.0000	0.0000	0.0000
881	AASHTO-I	-0.2811	-0.0301	0.0000	0.0000	0.0000	0.0000
881	AASHTO-E	-0.5003	0.2427	0.0000	0.0000	0.0000	0.0000
881	AASHTO-EI	-0.5957	0.7980	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIIA	-2.0615	1.2317	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIIB	-0.6420	4.1061	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIIC	-3.0181	1.2208	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIID	-0.5715	4.1027	0.0000	0.0000	0.0000	0.0000
881	AASHTO-I-S	-0.0469	-0.0232	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
881	AASHTO-B-S	-0.5366	0.1862	0.0000	0.0000	0.0000	0.0000
881	AASHTO-BI-S	-0.4007	0.6118	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIIA-E	-2.2960	0.9452	0.0000	0.0000	0.0000	0.0000
881	AASHTO-VIIB-E	-0.9460	3.1937	0.0000	0.0000	0.0000	0.0000
882	AASHTO-I	-0.1399	-0.0547	0.0000	0.0000	0.0000	0.0000
882	AASHTO-E	-0.5197	0.2807	0.0000	0.0000	0.0000	0.0000
882	AASHTO-BI	-0.5800	0.9529	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIIA	-3.7424	1.4972	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIIB	-1.0205	4.8913	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIIC	-3.7909	1.5068	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIID	-1.0754	4.9511	0.0000	0.0000	0.0000	0.0000
882	AASHTO-I-S	0.0367	-0.0422	0.0000	0.0000	0.0000	0.0000
882	AASHTO-B-S	-0.6289	0.2133	0.0000	0.0000	0.0000	0.0000
882	AASHTO-BI-S	-0.4119	0.7306	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIIA-E	-2.8720	1.1486	0.0000	0.0000	0.0000	0.0000
882	AASHTO-VIIB-E	-0.7829	3.8292	0.0000	0.0000	0.0000	0.0000
883	AASHTO-I	0.0627	-0.0775	0.0000	0.0000	0.0000	0.0000
883	AASHTO-E	-0.6223	0.2772	0.0000	0.0000	0.0000	0.0000
883	AASHTO-BI	-0.4845	0.9765	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIIA	-4.0295	1.5645	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIIB	-1.0831	5.2155	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIIC	-4.1910	1.5796	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIID	-1.1418	5.2203	0.0000	0.0000	0.0000	0.0000
883	AASHTO-I-S	0.1499	-0.0598	0.0000	0.0000	0.0000	0.0000
883	AASHTO-B-S	-0.6307	0.2126	0.0000	0.0000	0.0000	0.0000
883	AASHTO-BI-S	-0.3481	0.7485	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIIA-E	-3.0819	1.2053	0.0000	0.0000	0.0000	0.0000
883	AASHTO-VIIB-E	-0.8154	4.0007	0.0000	0.0000	0.0000	0.0000
884	AASHTO-I	0.2641	-0.0947	0.0000	0.0000	0.0000	0.0000
884	AASHTO-E	-0.7363	0.2432	0.0000	0.0000	0.0000	0.0000
884	AASHTO-BI	-0.5254	0.8975	0.0000	0.0000	0.0000	0.0000
884	AASHTO-VIIA	-3.9169	1.4712	0.0000	0.0000	0.0000	0.0000
884	AASHTO-VIIB	-0.9962	4.9044	0.0000	0.0000	0.0000	0.0000
884	AASHTO-VIIC	-4.0071	1.4809	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
884	AASHTO-VIID	-1.0852	4.9145	0.0000	0.0000	0.0000	0.0000
884	AASHTO-I-S	0.2579	-0.0732	0.0000	0.0000	0.0000	0.0000
884	AASHTO-B-S	-0.5846	0.1885	0.0000	0.0000	0.0000	0.0000
884	AASHTO-BI-S	-0.2346	0.6877	0.0000	0.0000	0.0000	0.0000
884	AASHTO-VIIA-E	-3.0852	1.1285	0.0000	0.0000	0.0000	0.0000
884	AASHTO-VIIB-E	-0.7639	3.7614	0.0000	0.0000	0.0000	0.0000
885	AASHTO-I	0.4570	-0.1045	0.0000	0.0000	0.0000	0.0000
885	AASHTO-E	-0.5888	0.1686	0.0000	0.0000	0.0000	0.0000
885	AASHTO-BI	-0.1340	0.7436	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIIA	-3.4836	1.2567	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIIB	-0.8472	4.1992	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIIC	-3.5856	1.2796	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIID	-0.9550	4.2042	0.0000	0.0000	0.0000	0.0000
885	AASHTO-I-S	0.3464	-0.0808	0.0000	0.0000	0.0000	0.0000
885	AASHTO-B-S	-0.4514	0.1448	0.0000	0.0000	0.0000	0.0000
885	AASHTO-BI-S	-0.1023	0.5698	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIIA-E	-2.6734	0.9639	0.0000	0.0000	0.0000	0.0000
885	AASHTO-VIIB-E	-0.6469	3.2121	0.0000	0.0000	0.0000	0.0000
886	AASHTO-I	0.4088	-0.1062	0.0000	0.0000	0.0000	0.0000
886	AASHTO-E	-0.4627	0.1234	0.0000	0.0000	0.0000	0.0000
886	AASHTO-BI	0.0593	0.5400	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIIA	-2.8067	0.9564	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIIB	-0.6405	3.1885	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIIC	-2.9127	0.9809	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIID	-0.7536	3.2076	0.0000	0.0000	0.0000	0.0000
886	AASHTO-I-S	0.4057	-0.0829	0.0000	0.0000	0.0000	0.0000
886	AASHTO-B-S	-0.3087	0.0939	0.0000	0.0000	0.0000	0.0000
886	AASHTO-BI-S	0.0329	0.4138	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIIA-E	-2.1528	0.7333	0.0000	0.0000	0.0000	0.0000
886	AASHTO-VIIB-E	-0.4907	2.4445	0.0000	0.0000	0.0000	0.0000
887	AASHTO-I	0.7080	-0.0938	0.0000	0.0000	0.0000	0.0000
887	AASHTO-E	-0.1945	0.0497	0.0000	0.0000	0.0000	0.0000
887	AASHTO-BI	0.2393	0.3048	0.0000	0.0000	0.0000	0.0000
887	AASHTO-VIIA	-1.9503	0.5980	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-force)	Force Y (ton-force)	Force Z (ton-force)	Moment X (ton-force-mt)	Moment Y (ton-force-mt)	Moment Z (ton-force-mt)
887	AASHTO-VIIB	-0.3952	1.8641	0.0000	0.0000	0.0000	0.0000
887	AASHTO-VIIC	-2.0528	0.6223	0.0000	0.0000	0.0000	0.0000
887	AASHTO-VIID	-0.4898	2.9144	0.0000	0.0000	0.0000	0.0000
887	AASHTO-I-S	0.4322	-0.0771	0.0000	0.0000	0.0000	0.0000
887	AASHTO-II-S	-0.1490	0.0380	0.0000	0.0000	0.0000	0.0000
887	AASHTO-III-S	0.1596	0.2336	0.0000	0.0000	0.0000	0.0000
887	AASHTO-VIIA-E	-1.4955	0.4583	0.0000	0.0000	0.0000	0.0000
887	AASHTO-VIIB-E	-0.3025	1.3275	0.0000	0.0000	0.0000	0.0000
888	AASHTO-I	0.7549	-0.0660	0.0000	0.0000	0.0000	0.0000
888	AASHTO-II	0.0268	-0.0269	0.0000	0.0000	0.0000	0.0000
888	AASHTO-III	0.3992	0.0495	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIIA	-0.9363	0.1982	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIIB	-0.1227	0.8617	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIIC	-1.0481	0.2209	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIID	-0.2140	0.6863	0.0000	0.0000	0.0000	0.0000
888	AASHTO-I-S	0.4264	-0.0665	0.0000	0.0000	0.0000	0.0000
888	AASHTO-II-S	0.0205	-0.0202	0.0000	0.0000	0.0000	0.0000
888	AASHTO-III-S	0.2737	0.0373	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIIA-E	-0.7329	0.1516	0.0000	0.0000	0.0000	0.0000
888	AASHTO-VIIB-E	-0.0854	0.6054	0.0000	0.0000	0.0000	0.0000
889	AASHTO-I	0.7527	-0.0655	0.0000	0.0000	0.0000	0.0000
889	AASHTO-II	0.2593	-0.1093	0.0000	0.0000	0.0000	0.0000
889	AASHTO-III	0.5426	-0.2382	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIIA	0.1593	-0.2380	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIIB	0.1738	-0.7916	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIIC	0.0835	-0.2184	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIID	0.1025	-0.7853	0.0000	0.0000	0.0000	0.0000
889	AASHTO-I-S	0.3913	-0.0507	0.0000	0.0000	0.0000	0.0000
889	AASHTO-II-S	0.1987	-0.0804	0.0000	0.0000	0.0000	0.0000
889	AASHTO-III-S	0.3759	-0.1730	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIIA-S	0.1229	-0.1829	0.0000	0.0000	0.0000	0.0000
889	AASHTO-VIIB-S	0.1340	-0.6092	0.0000	0.0000	0.0000	0.0000
890	AASHTO-I	0.7102	-0.0390	0.0000	0.0000	0.0000	0.0000
890	AASHTO-II	0.5074	-0.1885	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (ton-force)	Force Y (ton-force)	Force Z (ton-force)	Moment X (ton-force-mt)	Moment Y (ton-force-mt)	Moment Z (ton-force-mt)
890	AASHTO-III	0.6752	-0.3236	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIIA	1.4060	-0.7161	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIIB	0.4992	-2.3845	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIIC	1.3520	-0.7007	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIID	0.4529	-2.3599	0.0000	0.0000	0.0000	0.0000
890	AASHTO-I-E	0.3310	-0.0303	0.0000	0.0000	0.0000	0.0000
890	AASHTO-II-S	0.3867	-0.1440	0.0000	0.0000	0.0000	0.0000
890	AASHTO-III-S	0.4711	-0.4006	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIIA-S	1.0702	-0.5496	0.0000	0.0000	0.0000	0.0000
890	AASHTO-VIIB-S	0.3626	-1.8308	0.0000	0.0000	0.0000	0.0000
891	AASHTO-I	0.8358	-0.0898	0.0000	0.0000	0.0000	0.0000
891	AASHTO-II	0.7796	-0.2765	0.0000	0.0000	0.0000	0.0000
891	AASHTO-III	0.8067	-0.8528	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIIA	2.8121	-1.2491	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIIB	0.8593	-4.1605	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIIC	2.7847	-1.2390	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIID	0.8457	-4.1315	0.0000	0.0000	0.0000	0.0000
891	AASHTO-I-E	0.2491	-0.0054	0.0000	0.0000	0.0000	0.0000
891	AASHTO-II-S	0.3871	-0.2132	0.0000	0.0000	0.0000	0.0000
891	AASHTO-III-S	0.5658	-0.8525	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIIA-S	2.1575	-0.9584	0.0000	0.0000	0.0000	0.0000
891	AASHTO-VIIB-S	0.8595	-3.1925	0.0000	0.0000	0.0000	0.0000
892	AASHTO-I	0.2680	0.0158	223.9804	0.0000	0.0000	0.0000
892	AASHTO-II	0.5424	-0.1899	175.4895	0.0000	0.0000	0.0000
892	AASHTO-III	0.4729	-0.6118	171.7936	0.0000	0.0000	0.0000
892	AASHTO-VIIA	2.2058	-0.9249	47.6479	0.0000	0.0000	0.0000
892	AASHTO-VIIB	0.6337	-3.0840	34.4798	0.0000	0.0000	0.0000
892	AASHTO-VIIC	2.2079	-0.9241	-7.3469	0.0000	0.0000	0.0000
892	AASHTO-VIID	0.6457	-3.0659	-20.4577	0.0000	0.0000	0.0000
892	AASHTO-I-E	0.0739	0.0120	170.9682	0.0000	0.0000	0.0000
892	AASHTO-II-S	0.4154	-0.1453	135.9002	0.0000	0.0000	0.0000
892	AASHTO-III-S	0.3232	-0.4691	131.9132	0.0000	0.0000	0.0000
892	AASHTO-VIIA-S	1.9921	-0.7103	36.7540	0.0000	0.0000	0.0000
892	AASHTO-VIIB-S	0.4862	-2.3662	26.6671	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1586	AASHTO-I	-0.2854	0.0228	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-II	-0.4665	0.1732	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-III	-0.4274	0.5128	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIIA	-1.7980	0.7523	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIIB	-0.5272	2.4746	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIIC	-1.7541	0.7468	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIID	-0.5281	2.4647	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-I-S	-0.1064	0.0141	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-II-S	-0.3581	0.1230	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-III-S	-0.3034	0.3625	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIIA-S	-1.3496	0.5775	0.0000	0.0000	0.0000	0.0000
1586	AASHTO-VIIB-S	-0.4048	1.8998	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-I	-0.4015	0.0787	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-II	-0.8065	0.3119	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-III	-0.6826	0.8838	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIIA	-3.0464	1.2770	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIIB	-0.9135	4.1449	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIIC	-3.0393	1.2818	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIID	-0.9114	4.1218	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-I-S	-0.1495	0.0475	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-II-S	-0.5181	0.2394	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-III-S	-0.4892	0.6751	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIIA-S	-2.3365	0.9799	0.0000	0.0000	0.0000	0.0000
1587	AASHTO-VIIB-S	-0.7013	3.1807	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-I	-0.3954	0.1411	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-II	-1.0148	0.4073	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-III	-0.7915	1.1067	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-VIIA	-3.8418	1.5786	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-VIIB	-1.1519	5.0558	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-VIIC	-3.8327	1.5525	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-VIID	-1.1462	5.0201	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-I-E	-0.1470	0.0674	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-II-S	-0.7799	0.3128	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-III-S	-0.5730	0.8454	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1588	AASHTO-VIIA-S	-2.9469	1.2114	0.0000	0.0000	0.0000	0.0000
1588	AASHTO-VIIB-S	-0.8849	3.8797	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-I	-0.3091	0.2011	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-II	-1.0469	0.4571	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-III	-0.7839	1.1967	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIIA	-4.1891	1.6798	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIIB	-1.2468	5.3010	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIIC	-4.1791	1.6431	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIID	-1.2468	5.2552	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-I-S	-0.1147	0.1245	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-II-S	-0.8434	0.3558	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-III-S	-0.5746	0.9110	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIIA-S	-3.2001	1.2883	0.0000	0.0000	0.0000	0.0000
1589	AASHTO-VIIB-S	-0.9595	4.0682	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-I	-0.1783	0.2469	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-II	-1.3745	0.4836	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-III	-0.5904	1.1962	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIIA	-4.2859	1.6096	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIIB	-1.2344	5.0018	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIIC	-4.0783	1.5671	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIID	-1.2215	4.9498	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-I-S	-0.0859	0.1528	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-II-S	-0.8247	0.3558	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-III-S	-0.5141	0.8882	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIIA-S	-3.1365	1.2353	0.0000	0.0000	0.0000	0.0000
1590	AASHTO-VIIB-S	-0.9402	3.8393	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-I	-0.0308	0.2733	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-II	-0.9818	0.4324	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-III	-0.5368	1.0396	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIIA	-3.8671	1.4576	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIIB	-1.0983	4.2877	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIIC	-3.6589	1.3619	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIID	-1.0959	4.2344	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-I-S	-0.0109	0.1691	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1591	AASHTO-II-S	-0.7364	0.5320	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-III-S	-0.4107	0.7695	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIIA-S	-2.8155	1.0806	0.0000	0.0000	0.0000	0.0000
1591	AASHTO-VIIB-S	-0.6439	3.2529	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-I	0.1137	0.2781	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-II	-0.7612	0.3699	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-III	-0.3522	0.8396	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIIA	-2.8885	1.1075	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIIB	-0.6941	3.2768	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIIC	-2.9628	1.0621	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIID	-0.6824	3.2267	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-I-S	0.0429	0.1722	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-II-S	-0.5999	0.2841	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-III-S	-0.2802	0.6354	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIIA-S	-2.2954	0.9538	0.0000	0.0000	0.0000	0.0000
1592	AASHTO-VIIB-S	-0.6872	2.5186	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-I	0.2439	0.2619	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-II	-0.5497	0.2823	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-III	-0.1470	0.5849	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIIA	-2.1143	0.7388	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIIB	-0.6311	2.0613	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIIC	-2.1120	0.6955	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIID	-0.6304	2.0187	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-I-S	0.0912	0.1622	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-II-S	-0.4225	0.2170	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-III-S	-0.1345	0.4411	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIIA-S	-1.6256	0.5867	0.0000	0.0000	0.0000	0.0000
1593	AASHTO-VIIB-S	-0.4858	1.5861	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-I	0.3548	0.2252	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-II	-0.2787	0.1742	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-III	0.0691	0.2879	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-VIIA	-1.0874	0.3134	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-VIIB	-0.3221	0.9972	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-VIIC	-1.0894	0.2794	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1594	AASHTO-VIID	-0.3227	0.6663	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-I-S	0.1324	0.1402	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-II-S	-0.2148	0.1342	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-III-S	0.0207	0.2151	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-VIIA-S	-0.8369	0.2424	0.0000	0.0000	0.0000	0.0000
1594	AASHTO-VIIB-S	-0.2483	0.5442	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-I	0.4483	0.1726	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-II	0.0276	0.0478	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-III	0.2816	-0.0469	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIIA	0.0705	-0.1575	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIIB	0.0290	-0.7967	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIIC	0.0602	-0.1804	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIID	0.0257	-0.8141	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-I-S	0.1670	0.1074	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-II-S	0.0197	0.0374	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-III-S	0.1837	-0.0390	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIIA-S	0.0516	-0.1177	0.0000	0.0000	0.0000	0.0000
1595	AASHTO-VIIB-S	0.0186	-0.6601	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-I	0.5300	0.1035	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-II	0.3714	-0.0873	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-III	0.5283	-0.4221	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIIA	1.3823	-0.8702	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIIB	0.4218	-2.4453	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIIC	1.3695	-0.8850	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIID	0.4176	-2.4413	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-I-S	0.1672	0.0648	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-II-S	0.2830	-0.0737	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-III-S	0.3578	-0.3233	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIIA-S	1.0528	-0.5174	0.0000	0.0000	0.0000	0.0000
1596	AASHTO-VIIB-S	0.3199	-1.8590	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-I	0.6079	0.0167	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-II	0.7603	-0.2634	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-III	0.7867	-0.6483	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-VIIA	2.9640	-1.2660	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1597	AASHTO-VIIB	0.8679	-4.2860	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-VIIC	2.8425	-1.2598	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-VIID	0.8614	-4.2592	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-I-E	0.2258	0.0125	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-II-S	0.5807	-0.2309	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-III-S	0.5463	-0.6446	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-VIIA-E	2.1836	-0.9663	0.0000	0.0000	0.0000	0.0000
1597	AASHTO-VIIB-E	0.6608	-3.2881	0.0000	0.0000	0.0000	0.0000
1598	AASHTO-I	0.3430	-0.0407	342.5329	0.0000	0.0000	0.0000
1598	AASHTO-II	0.6017	-0.2270	256.3351	0.0000	0.0000	0.0000
1598	AASHTO-III	0.5378	-0.6646	336.5195	0.0000	0.0000	0.0000
1598	AASHTO-VIIA	2.2769	-0.9662	293.0141	0.0000	0.0000	0.0000
1598	AASHTO-VIIB	0.6883	-3.1859	402.5883	0.0000	0.0000	0.0000
1598	AASHTO-VIIC	2.2606	-0.9535	231.4765	0.0000	0.0000	0.0000
1598	AASHTO-VIID	0.6837	-3.1586	341.2257	0.0000	0.0000	0.0000
1598	AASHTO-I-S	0.1273	-0.0246	225.2830	0.0000	0.0000	0.0000
1598	AASHTO-II-S	0.4599	-0.1734	197.1717	0.0000	0.0000	0.0000
1598	AASHTO-III-S	0.3611	-0.5051	250.3374	0.0000	0.0000	0.0000
1598	AASHTO-VIIA-E	1.7384	-0.7350	225.3674	0.0000	0.0000	0.0000
1598	AASHTO-VIIB-E	0.5248	-2.4298	909.7868	0.0000	0.0000	0.0000
1599	AASHTO-I	-0.2854	-0.0228	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-II	-0.4898	0.1449	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-III	-0.4282	0.4742	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIIA	-1.7588	0.7240	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIIB	-0.5278	2.4466	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIIC	-1.7546	0.7257	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIID	-0.5264	2.4439	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-I-S	-0.1064	-0.0141	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-II-S	-0.3582	0.1112	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-III-S	-0.3037	0.3643	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIIA-S	-1.3499	0.5556	0.0000	0.0000	0.0000	0.0000
1599	AASHTO-VIIB-S	-0.4051	1.8774	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-I	-0.4015	-0.0767	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-II	-0.6068	0.2156	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1600	AASHTO-III	-0.6640	0.7538	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIIA	-3.0475	1.1919	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIIB	-0.9148	4.0514	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIIC	-3.0404	1.1905	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIID	-0.9125	4.0523	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-I-E	-0.1495	-0.0475	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-II-S	-0.6191	0.1982	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-III-S	-0.4897	0.5801	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIIA-S	-2.3381	0.9068	0.0000	0.0000	0.0000	0.0000
1600	AASHTO-VIIB-S	-0.7020	3.1085	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-I	-0.3954	-0.1411	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-II	-1.0150	0.2320	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-III	-0.7835	0.8696	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIIA	-3.8436	1.4038	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIIB	-1.1537	4.8856	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIIC	-3.8345	1.4216	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIID	-1.1510	4.8838	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-I-E	-0.1470	-0.0874	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-II-S	-0.7750	0.1779	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-III-S	-0.5749	0.8706	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIIA-S	-2.9500	1.0788	0.0000	0.0000	0.0000	0.0000
1601	AASHTO-VIIB-S	-0.8854	3.7460	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-I	-0.3091	-0.2011	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-II	-1.0992	0.2074	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-III	-0.7905	0.8691	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIIA	-4.1719	1.4298	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIIB	-1.2525	5.0813	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIIC	-4.1618	1.4549	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIID	-1.2495	5.0780	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-I-E	-0.1147	-0.1245	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-II-S	-0.6435	0.1588	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-III-S	-0.5759	0.8623	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIIA-S	-3.2617	1.0968	0.0000	0.0000	0.0000	0.0000
1602	AASHTO-VIIB-S	-0.9611	3.9221	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1603	AASHTO-I	-0.1783	-0.2469	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-II	-1.0747	3.1571	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-III	-0.6833	0.7481	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIIA	-4.3899	1.3044	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIIB	-1.2283	4.7117	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIIC	-4.0801	1.3268	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIID	-1.2254	4.7367	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-I-S	-0.0659	-0.1529	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-II-S	-0.8249	3.1203	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-III-S	-0.5156	0.7409	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIIA-S	-3.1388	1.0005	0.0000	0.0000	0.0000	0.0000
1603	AASHTO-VIIB-S	-0.9404	3.6134	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-I	-0.0309	-0.2733	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-II	-0.9622	0.0932	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-III	-0.5420	0.5773	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIIA	-3.6724	1.0705	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIIB	-1.1836	3.9728	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIIC	-3.6841	1.1098	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIID	-1.1611	4.0044	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-I-S	-0.0109	-0.1891	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-II-S	-0.7385	0.0715	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-III-S	-0.4123	0.4529	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIIA-S	-2.8186	0.8210	0.0000	0.0000	0.0000	0.0000
1604	AASHTO-VIIB-S	-0.9467	3.0462	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-I	0.1137	-0.2781	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-II	-0.7817	0.0246	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-III	-0.3355	0.3693	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-VIIA	-2.9955	0.7650	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-VIIB	-0.9011	2.9648	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-VIIC	-2.9897	0.9062	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-VIID	-0.8885	3.0010	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-I-S	0.0429	-0.1722	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-II-S	-0.6002	0.0187	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-III-S	-0.2819	0.2819	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1605	AASHTO-VIIA-S	-2.2995	0.5868	0.0000	0.0000	0.0000	0.0000
1605	AASHTO-VIIB-S	-0.6913	2.2727	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-I	0.2436	-0.2819	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-II	-0.5303	-0.0429	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-III	-0.1502	0.1425	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIIA	-2.1234	0.4154	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIIB	-0.6402	1.7793	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIIC	-2.1210	0.4558	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIID	-0.6390	1.8161	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-I-S	0.0912	-0.1622	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-II-S	-0.4228	-0.0550	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-III-S	-0.1359	0.1178	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIIA-S	-1.8309	0.3188	0.0000	0.0000	0.0000	0.0000
1606	AASHTO-VIIB-S	-0.4911	1.3635	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-I	0.3546	-0.2262	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-II	-0.2764	-0.1067	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-III	0.0650	-0.0839	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIIA	-1.0991	0.0371	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIIB	-0.3338	0.4710	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIIC	-1.1010	0.0795	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIID	-0.3344	0.5102	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-I-S	0.1324	-0.1402	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-II-S	-0.2152	-0.0819	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-III-S	0.0191	-0.0839	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIIA-S	-0.5458	0.0290	0.0000	0.0000	0.0000	0.0000
1607	AASHTO-VIIB-S	-0.2762	0.3603	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-I	0.4483	-0.1729	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-II	0.0267	-0.1672	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-III	0.2887	-0.3375	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VIIA	0.0604	-0.3661	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VIIB	0.0129	-0.9499	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VIIC	0.0532	-0.3359	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VIID	0.0157	-0.9675	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-I-S	0.1670	-0.1074	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1608	AASHTO-B-S	0.0192	-0.1282	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-BI-S	0.1821	-0.2520	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VBA-S	0.0427	-0.2798	0.0000	0.0000	0.0000	0.0000
1608	AASHTO-VBB-S	0.0097	-0.7251	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-I	0.5300	-0.1035	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-E	0.5703	-0.2364	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-BI	0.5257	-0.5846	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBA	1.3639	-0.8806	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBB	0.4624	-2.4699	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBC	1.3502	-0.7796	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBD	0.5965	-2.4536	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-I-E	0.1672	-0.0646	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-B-S	0.2823	-0.1734	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-BI-S	0.3981	-0.4506	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBA-S	1.0411	-0.6128	0.0000	0.0000	0.0000	0.0000
1609	AASHTO-VBB-S	0.3083	-1.9062	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-I	0.5070	-0.0187	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-E	0.7589	-0.2877	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-BI	0.7643	-0.6744	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBA	2.8302	-1.2811	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBB	0.8431	-4.2041	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBC	2.8178	-1.2694	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBD	0.8367	-4.1719	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-I-E	0.2258	-0.0125	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-B-S	0.3799	-0.2203	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-BI-S	0.5469	-0.6675	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBA-S	2.1710	-0.9803	0.0000	0.0000	0.0000	0.0000
1610	AASHTO-VBB-S	0.6462	-3.2227	0.0000	0.0000	0.0000	0.0000
1611	AASHTO-I	0.3430	0.0407	942.3329	0.0000	0.0000	0.0000
1611	AASHTO-E	0.6008	-0.1772	235.5281	0.0000	0.0000	0.0000
1611	AASHTO-BI	0.5368	-0.5934	271.0803	0.0000	0.0000	0.0000
1611	AASHTO-VBA	2.2603	-0.9107	196.8389	0.0000	0.0000	0.0000
1611	AASHTO-VBB	0.6726	-3.0705	88.9711	0.0000	0.0000	0.0000
1611	AASHTO-VBC	2.2451	-0.8110	137.4085	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1611	AASHTO-VBD	0.6681	-0.0564	27.6658	0.0000	0.0000	0.0000
1611	AASHTO-I-E	0.1273	0.0246	225.2830	0.0000	0.0000	0.0000
1611	AASHTO-B-S	0.4584	-0.1356	181.1829	0.0000	0.0000	0.0000
1611	AASHTO-BI-S	0.3805	-0.4543	200.2275	0.0000	0.0000	0.0000
1611	AASHTO-VBA-S	1.7202	-0.6888	152.9911	0.0000	0.0000	0.0000
1611	AASHTO-VBB-S	0.5156	-2.3534	69.7659	0.0000	0.0000	0.0000
1612	AASHTO-I	-0.3656	0.0201	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-E	-0.5111	0.1709	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-BI	-0.4864	0.5126	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBA	-1.8191	0.7574	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBB	-0.5629	2.4797	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBC	-1.8045	0.7532	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBD	-0.5719	2.4711	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-I-E	-0.1517	0.0112	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-B-S	-0.3604	0.1313	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-BI-S	-0.3525	0.3620	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBA-S	-1.3958	0.5812	0.0000	0.0000	0.0000	0.0000
1612	AASHTO-VBB-S	-0.4475	1.9029	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-I	-0.8646	0.0890	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-E	-0.9524	0.3035	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-BI	-0.9086	0.8822	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBA	-3.2454	1.2976	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBB	-1.0941	4.1954	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBC	-3.2048	1.2829	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBD	-1.0902	4.1478	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-I-E	-0.2979	0.0396	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-B-S	-0.7313	0.2328	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-BI-S	-0.6510	0.6729	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBA-S	-2.4899	0.9925	0.0000	0.0000	0.0000	0.0000
1613	AASHTO-VBB-S	-0.8461	3.1971	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-I	-0.8751	0.1294	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-E	-1.2808	0.3910	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-BI	-1.2034	1.1048	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-VBA	-4.2006	1.6084	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1614	AASHTO-VIIB	-1.4802	5.0981	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-VIIC	-4.1336	1.5804	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-VIID	-1.4795	5.0734	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-I-S	-0.4178	0.0668	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-II-S	-0.9834	0.3001	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-IIIB-S	-0.5681	0.6410	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-VIIA-S	-0.2250	1.2341	0.0000	0.0000	0.0000	0.0000
1614	AASHTO-VIIB-S	-1.1366	3.8120	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-I	-0.9696	0.1708	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-II	-1.4761	0.4335	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-III	-1.3881	1.1906	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIIA	-4.6781	1.7206	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIIB	-1.7148	5.3431	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIIC	-4.5959	1.6965	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIID	-1.6286	5.3268	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-I-S	-0.4884	0.0647	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-II-S	-1.1334	0.3327	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-III-S	-0.9830	0.9043	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIIA-S	-3.5915	1.3203	0.0000	0.0000	0.0000	0.0000
1615	AASHTO-VIIB-S	-1.3168	4.1107	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-I	-1.0713	0.2091	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-II	-1.5362	0.4544	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-III	-1.4054	1.1581	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIIA	-4.7063	1.8604	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIIB	-1.7931	5.0795	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIIC	-4.5879	1.8321	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIID	-1.8895	5.0417	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-I-S	-0.5354	0.1139	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-II-S	-1.1797	0.3334	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-III-S	-1.0262	0.8778	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIIA-S	-3.8152	1.2745	0.0000	0.0000	0.0000	0.0000
1616	AASHTO-VIIB-S	-1.3771	3.8868	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-I	-0.9505	0.2309	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-II	-1.4716	0.3996	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1617	AASHTO-III	-1.3260	1.0301	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIIA	-4.3531	1.4630	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIIB	-1.7257	4.5759	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIIC	-4.2376	1.4331	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIID	-1.8120	4.5371	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-I-S	-0.5293	0.1280	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-II-S	-1.1302	0.3069	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-III-S	-0.9760	0.7788	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIIA-S	-3.3403	1.1233	0.0000	0.0000	0.0000	0.0000
1617	AASHTO-VIIB-S	-1.3259	3.9594	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-I	-0.8204	0.2348	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-II	-1.2981	0.3364	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-III	-1.1039	0.8294	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIIA	-3.6855	1.1628	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIIB	-1.5210	3.9667	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIIC	-3.5846	1.1336	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIID	-1.4183	3.3322	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-I-S	-0.4838	0.1309	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-II-S	-0.9880	0.2584	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-III-S	-0.8544	0.8254	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIIA-S	-2.8305	0.8934	0.0000	0.0000	0.0000	0.0000
1618	AASHTO-VIIB-S	-1.1765	2.5875	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-I	-0.6341	0.2205	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-II	-1.0365	0.2506	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-III	-0.9051	0.5747	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIIA	-2.7648	0.7676	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIIB	-1.2282	2.1468	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIIC	-2.6059	0.7615	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIID	-1.1223	2.1187	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-I-S	-0.4039	0.1222	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-II-S	-0.7967	0.1926	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-III-S	-0.6739	0.4214	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIIA-S	-2.1269	0.6082	0.0000	0.0000	0.0000	0.0000
1619	AASHTO-VIIB-S	-0.9454	1.6537	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1620	AASHTO-I	-0.4012	0.1698	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-II	-0.6882	0.1466	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-III	-0.5803	0.2784	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIIIA	-1.6432	0.3502	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIIIB	-0.8367	0.7718	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIIIC	-1.5534	0.9344	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIID	-0.7460	0.7532	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-I-S	-0.2948	0.1054	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-II-S	-0.5370	0.1130	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-III-S	-0.4442	0.2064	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIIIA-S	-1.2885	0.2754	0.0000	0.0000	0.0000	0.0000
1620	AASHTO-VIIIB-S	-0.6450	0.6019	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-I	-0.1268	0.1448	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-II	-0.2921	0.0294	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-III	-0.2013	-0.0552	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIIIA	-0.3405	-0.1395	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIIIB	-0.3028	-0.1407	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIIIC	-0.2780	-0.1415	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIID	-0.2958	-0.7471	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-I-S	-0.1598	0.0804	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-II-S	-0.2384	0.0238	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-III-S	-0.1726	-0.0462	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIIIA-S	-0.2717	-0.0842	0.0000	0.0000	0.0000	0.0000
1621	AASHTO-VIIIB-S	-0.2524	-0.0553	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-I	0.1901	0.0856	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-II	0.1814	-0.1106	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-III	0.2372	-0.4258	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-VIIIA	1.1468	-0.8669	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-VIIIB	0.1818	-2.4093	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-VIIIC	1.1764	-0.8709	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-VIID	0.2282	-2.4606	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-I-S	0.0031	0.0460	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-II-S	0.1362	-0.0840	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-III-S	0.1471	-0.3285	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1622	AASHTO-VIIIA-S	0.8672	-0.5062	0.0000	0.0000	0.0000	0.0000
1622	AASHTO-VIIIB-S	0.1417	-1.8308	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-I	0.5541	0.0139	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-II	0.7286	-0.2869	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-III	0.7420	-0.8508	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIIIA	2.8512	-1.2748	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIIIB	0.8341	-4.2775	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIIIC	2.8362	-1.2868	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIID	0.8331	-4.2508	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-I-S	0.1919	0.0083	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-II-S	0.5551	-0.2836	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-III-S	0.5134	-0.8471	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIIIA-S	2.1667	-0.9702	0.0000	0.0000	0.0000	0.0000
1623	AASHTO-VIIIB-S	0.6327	-3.2569	0.0000	0.0000	0.0000	0.0000
1624	AASHTO-I	0.4860	-0.0358	379.7362	0.0000	0.0000	0.0000
1624	AASHTO-II	0.6793	-0.2228	265.6723	0.0000	0.0000	0.0000
1624	AASHTO-III	0.6610	-0.6657	368.7845	0.0000	0.0000	0.0000
1624	AASHTO-VIIIA	2.4005	-0.9622	983.5085	0.0000	0.0000	0.0000
1624	AASHTO-VIIIB	0.7672	-3.1875	406.6732	0.0000	0.0000	0.0000
1624	AASHTO-VIIIC	2.3679	-0.9719	936.2219	0.0000	0.0000	0.0000
1624	AASHTO-VIID	0.7647	-3.1730	361.3274	0.0000	0.0000	0.0000
1624	AASHTO-I-S	0.2052	-0.0155	229.2836	0.0000	0.0000	0.0000
1624	AASHTO-II-S	0.5167	-0.1702	204.3380	0.0000	0.0000	0.0000
1624	AASHTO-III-S	0.4873	-0.5048	288.3236	0.0000	0.0000	0.0000
1624	AASHTO-VIIIA-S	1.8295	-0.7488	902.5847	0.0000	0.0000	0.0000
1624	AASHTO-VIIIB-S	0.5693	-2.4361	312.6798	0.0000	0.0000	0.0000
1625	AASHTO-I	-0.3656	-0.0201	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-II	-0.5096	0.1484	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-III	-0.4825	0.4788	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VIIIA	-1.8117	0.7245	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VIIIB	-0.5803	2.4671	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VIIIC	-1.7981	0.7247	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VIID	-0.5494	2.4531	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-I-S	-0.1517	-0.0112	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1623	AASHTO-B-S	-0.3912	0.1138	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-B-S	-0.3465	0.3679	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VBA-S	-1.5808	0.5557	0.0000	0.0000	0.0000	0.0000
1625	AASHTO-VBB-S	-0.4301	1.8855	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-I	-0.9848	-0.0660	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-E	-0.9477	0.2296	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-B	-0.8648	0.7713	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBA	-3.2228	1.1654	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBB	-1.0231	4.0933	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBC	-3.1840	1.1697	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBD	-0.9803	4.0898	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-I-S	-0.2879	-0.0366	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-B-S	-0.7279	0.1791	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-BS-S	-0.5400	0.5938	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBA-S	-3.4739	0.9094	0.0000	0.0000	0.0000	0.0000
1626	AASHTO-VBB-S	-0.7854	3.1405	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-I	-0.8751	-0.1204	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-E	-1.2725	0.2567	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-B	-1.1780	0.9027	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBA	-4.1837	1.4119	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBB	-1.3525	4.9605	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBC	-4.0967	1.4216	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBD	-1.2920	4.9664	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-I-S	-0.4179	-0.0699	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-B-S	-0.9768	0.1969	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-BS-S	-0.8481	0.6968	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBA-S	-3.1882	1.0830	0.0000	0.0000	0.0000	0.0000
1627	AASHTO-VBB-S	-1.0382	3.8100	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-I	-0.9696	-0.1708	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-E	-1.4641	0.2432	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-B	-1.3320	0.9039	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-VBA	-4.8259	1.4424	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-VBB	-1.5351	5.1792	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-VBC	-4.7338	1.4578	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1628	AASHTO-VBD	-1.4505	5.1840	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-I-S	-2.4984	-0.3847	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-B-S	-1.1241	0.1884	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-BS-S	-0.9647	0.7000	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-VBA-S	-3.5510	1.1284	0.0000	0.0000	0.0000	0.0000
1628	AASHTO-VBB-S	-1.1795	5.9727	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-I	-1.0113	-0.2091	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-E	-1.5218	0.2015	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-B	-1.3911	0.8073	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBA	-4.6452	1.3203	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBB	-1.5748	4.8584	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBC	-4.5349	1.3402	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBD	-1.4718	4.8686	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-I-S	-0.5364	-0.1159	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-B-S	-1.1884	0.1544	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-BS-S	-0.9918	0.6277	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBA-S	-3.5662	1.0128	0.0000	0.0000	0.0000	0.0000
1629	AASHTO-VBB-S	-1.2089	5.7282	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-I	-0.9500	-0.2309	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-E	-1.4555	0.1429	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-B	-1.2792	0.8451	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBA	-4.2848	1.0883	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBB	-1.4665	4.1366	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBC	-4.1853	1.1114	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBD	-1.3730	-4.1017	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-I-S	-0.5293	-0.1288	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-B-S	-1.1178	0.1094	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-BS-S	-0.9378	0.5931	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBA-S	-3.2899	0.8350	0.0000	0.0000	0.0000	0.0000
1630	AASHTO-VBB-S	-1.1413	3.1722	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-I	-0.8204	-0.2348	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-E	-1.2529	0.0755	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-B	-1.1044	0.4266	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-VBA	-3.6157	0.7830	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1631	AASHTO-VIIB	-1.2905	3.1328	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-VIIC	-3.4870	0.8077	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-VIID	-1.1765	3.1518	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-I-S	-0.4838	-0.7300	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-II-S	-0.3955	0.0578	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-III-S	-0.8158	0.3453	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-VIIA-E	-2.7774	0.8011	0.0000	0.0000	0.0000	0.0000
1631	AASHTO-VIIB-E	-0.3909	3.4020	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-I	-0.6341	-0.2205	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-II	-1.0215	0.0054	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-III	-2.8541	0.2060	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIIA	-2.7037	0.4318	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIIB	-1.0967	1.8062	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIIC	-2.5951	0.4563	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIID	-0.9004	1.9606	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-I-S	-0.4039	-0.1333	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-II-S	-0.7851	0.0041	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-III-S	-0.5376	0.1583	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIIA-E	-2.0787	0.3321	0.0000	0.0000	0.0000	0.0000
1632	AASHTO-VIIB-E	-0.7732	1.4861	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-I	-0.4012	-0.1898	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-II	-0.6858	-0.0647	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-III	-0.5414	-0.0386	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIIA	-1.0949	0.0504	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIIB	-0.6504	0.6068	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIIC	-1.5062	0.0731	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIID	-0.5598	0.6336	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-I-S	-0.2940	-0.1054	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-II-S	-0.5277	-0.0499	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-III-S	-0.4137	-0.0209	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIIA-E	-1.2294	0.0401	0.0000	0.0000	0.0000	0.0000
1633	AASHTO-VIIB-E	-0.4998	0.4678	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-I	-0.1298	-0.1448	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-II	-0.2930	-0.1348	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1634	AASHTO-III	-0.1730	-0.2003	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIIA	-0.3105	-0.3576	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIIB	-0.2283	-0.8391	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIIC	-0.2479	-0.3381	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIID	-0.1818	-0.8127	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-I-S	-0.1589	-0.0804	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-II-S	-0.2152	-0.1031	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-III-S	-0.1485	-0.2182	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIIA-E	-0.2460	-0.2721	0.0000	0.0000	0.0000	0.0000
1634	AASHTO-VIIB-E	-0.1769	-0.8428	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-I	0.1901	-0.0856	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-II	0.1860	-0.2062	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-III	0.2520	-0.0695	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIIA	1.1551	-0.7987	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIIB	0.2569	-2.4247	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIIC	1.1630	-0.7837	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIID	0.2646	-2.3979	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-I-S	0.0031	-0.0489	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-II-S	0.1400	-0.1578	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-III-S	0.1555	-0.4300	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIIA-E	0.8707	-0.8095	0.0000	0.0000	0.0000	0.0000
1635	AASHTO-VIIB-E	0.1960	-1.8578	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-I	0.5541	-0.0136	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-II	0.7278	-0.2827	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-III	0.7400	-0.6708	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIIA	2.8294	-1.2867	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIIB	0.8157	-4.1916	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIIC	2.8142	-1.2771	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIID	0.8169	-4.1626	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-I-S	0.1919	-0.0083	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-II-S	0.0547	-0.2183	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-III-S	0.5139	-0.9824	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIIA-E	2.1560	-0.9828	0.0000	0.0000	0.0000	0.0000
1636	AASHTO-VIIB-E	0.6240	-3.2110	0.0000	0.0000	0.0000	0.0000

RESULT : Reactions

Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1637	AASHTO-I	0.4890	0.0308	379.7362	0.0000	0.0000	0.0000
1637	AASHTO-II	0.6755	-0.1836	246.1371	0.0000	0.0000	0.0000
1637	AASHTO-III	0.9502	-0.6034	305.5921	0.0000	0.0000	0.0000
1637	AASHTO-VIIIA	2.5719	-0.9191	305.0000	0.0000	0.0000	0.0000
1637	AASHTO-VIIIB	0.7266	-1.0947	111.8762	0.0000	0.0000	0.0000
1637	AASHTO-VIIIC	2.3359	-0.9166	249.8194	0.0000	0.0000	0.0000
1637	AASHTO-VIID	0.7078	-3.0795	56.6634	0.0000	0.0000	0.0000
1637	AASHTO-I-S	0.2052	0.0192	239.2638	0.0000	0.0000	0.0000
1637	AASHTO-II-S	0.5161	-0.1405	188.3275	0.0000	0.0000	0.0000
1637	AASHTO-III-S	0.4586	-0.4615	221.2956	0.0000	0.0000	0.0000
1637	AASHTO-VIIIA-S	1.9107	-0.7014	234.5889	0.0000	0.0000	0.0000
1637	AASHTO-VIIIB-S	0.5562	-2.3709	86.0121	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1	1031	Load Combinations: AASHTO-I	178.1217	-4.4311	0.7464	0.0000	-4.8236	-46.8405
1	1031	Load Combinations: AASHTO-II	149.1263	2.5323	1.9828	0.0000	-5.0061	-5.9213
1	1031	Load Combinations: AASHTO-III	167.1377	-0.9766	4.9195	0.0000	-7.4264	-28.9019
1	1031	Load Combinations: AASHTO-VIIIA	90.2299	18.5139	5.7336	0.0000	-7.1803	36.8446
1	1031	Load Combinations: AASHTO-VIIIB	283.5267	2.5779	22.5873	0.0001	-24.4804	-6.5842
1	1031	Load Combinations: AASHTO-VIIIC	46.5950	19.2561	6.5132	0.0000	-5.8365	41.8295
1	1031	Load Combinations: AASHTO-VIID	239.7060	3.3397	33.3011	0.0000	-22.9235	-3.4645
1	1031	Load Combinations: AASHTO-I-S	135.8830	-2.9113	0.5812	0.0000	-3.8118	-25.4443
1	1031	Load Combinations: AASHTO-II-S	114.7328	1.9334	1.5220	0.0000	-3.8389	-4.5055
1	1031	Load Combinations: AASHTO-III-S	143.6458	-0.6868	3.7898	0.0000	-5.6710	-20.1368
1	1031	Load Combinations: AASHTO-VIIIA-S	69.4413	14.2034	5.1625	0.0000	-5.4696	28.1660
1	1031	Load Combinations: AASHTO-VIIIB-S	218.0035	1.9556	17.2971	0.0000	-18.5811	-6.8724
1	324	Load Combinations: AASHTO-I	-181.8503	4.4284	-0.7462	0.0000	4.1744	41.4111
1	324	Load Combinations: AASHTO-II	-152.8590	-2.5340	-1.9832	0.0000	5.0232	8.4544
1	324	Load Combinations: AASHTO-III	-190.8993	0.9740	-4.9208	0.0000	7.5065	27.9267
1	324	Load Combinations: AASHTO-VIIIA	-93.7585	-18.5203	-5.7359	0.0000	5.4458	-18.3273
1	324	Load Combinations: AASHTO-VIIIB	-287.0573	-2.5799	-22.5949	-0.0001	1.8917	11.1629
1	324	Load Combinations: AASHTO-VIIC	-49.2415	-19.2593	-6.5150	0.0000	-0.6747	-22.5712

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
1	324	Load Combinations: AASHTO-VIID	-242.3525	-3.3411	-22.3068	0.0000	0.6210	6.8046
1	324	Load Combinations: AASHTO-I-S	-135.3973	2.8303	-0.5811	0.0000	3.2307	22.5139
1	324	Load Combinations: AASHTO-II-S	-117.4369	-1.9334	-1.5222	0.0000	3.3189	6.5364
1	324	Load Combinations: AASHTO-III-S	-146.3099	0.6854	-3.7707	0.0000	1.9009	19.4707
1	324	Load Combinations: AASHTO-VIIIA-S	-72.1556	-14.2061	-5.1639	0.0000	0.3066	-13.9837
1	324	Load Combinations: AASHTO-VIIIB-S	-220.7177	-1.9809	-17.3019	0.0000	1.2832	6.6325
21	324	Load Combinations: AASHTO-I	181.8497	-4.7017	0.7431	0.0000	-4.1744	-41.4111
21	324	Load Combinations: AASHTO-II	152.8552	2.0965	1.9183	0.0000	-5.0232	-8.4544
21	324	Load Combinations: AASHTO-III	190.8698	-1.3827	4.9203	0.0000	-2.5065	-27.9267
21	324	Load Combinations: AASHTO-VIIIA	93.7587	18.7095	5.8942	0.0000	-0.4458	18.3273
21	324	Load Combinations: AASHTO-VIIIB	287.0629	2.0842	20.1225	0.0001	-1.8917	-11.1629
21	324	Load Combinations: AASHTO-VIIC	48.2425	17.5242	5.7772	0.0000	0.6747	22.5712
21	324	Load Combinations: AASHTO-VIID	242.3581	2.8403	19.8413	0.0000	-0.6210	-6.8046
21	324	Load Combinations: AASHTO-I-S	138.3970	-3.0181	0.5758	0.0000	-3.2307	-22.5139
21	324	Load Combinations: AASHTO-II-S	117.4371	1.5986	1.3953	0.0000	-2.3189	-6.5364
21	324	Load Combinations: AASHTO-III-S	146.3601	-0.9486	3.3963	0.0000	-1.9009	-19.4707
21	324	Load Combinations: AASHTO-VIIIA-S	72.1564	12.8702	4.5946	0.0000	-0.3066	13.9837
21	324	Load Combinations: AASHTO-VIIIB-S	220.7210	1.5826	15.4036	0.0000	-1.2832	-6.6325
21	414	Load Combinations: AASHTO-I	-185.1784	4.9995	-0.7430	0.0000	3.4314	36.7108
21	414	Load Combinations: AASHTO-II	-156.1839	-2.0982	-1.8187	0.0000	1.2048	10.5516
21	414	Load Combinations: AASHTO-III	-194.1952	1.3806	-4.4219	0.0000	-1.9142	26.5462
21	414	Load Combinations: AASHTO-VIIIA	-97.2983	-18.7983	-5.8995	0.0000	-0.5494	-1.5320
21	414	Load Combinations: AASHTO-VIIIB	-290.3915	-2.0861	-20.1302	-0.0001	-18.2326	13.2477
21	414	Load Combinations: AASHTO-VIIC	-51.8890	-17.5277	-5.7790	0.0000	-6.4527	-5.0455
21	414	Load Combinations: AASHTO-VIID	-245.5046	-2.8446	-19.8472	0.0000	-19.2215	9.6483
21	414	Load Combinations: AASHTO-I-S	-141.7114	3.0173	-0.5758	0.0000	2.6549	19.4960
21	414	Load Combinations: AASHTO-II-S	-120.1514	-1.5985	-1.3955	0.0000	0.8216	5.1373
21	414	Load Combinations: AASHTO-III-S	-149.2744	0.9484	-3.3972	0.0000	-1.4856	16.5218
21	414	Load Combinations: AASHTO-VIIIA-S	-74.8707	-12.8620	-4.5958	0.0000	-4.2986	-1.1034
21	414	Load Combinations: AASHTO-VIIIB-S	-223.4353	-1.5837	-15.4081	0.0000	-14.1214	10.2166
22	414	Load Combinations: AASHTO-I	185.1777	-4.9998	0.7155	0.0000	-3.4314	-36.7108
22	414	Load Combinations: AASHTO-II	156.1843	1.2969	1.5295	0.0000	-1.2048	-10.5516
22	414	Load Combinations: AASHTO-III	194.1957	-1.0519	3.5697	0.0000	1.9142	-26.5462
22	414	Load Combinations: AASHTO-VIIA	97.2932	13.8299	4.7	0.0000	0.5494	1.5320

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
22	414	Load Combinations: AASHTO-VIII	290.4022	1.3014	15.9573	0.0001	18.2325	-13.2477
22	414	Load Combinations: AASHTO-VIC	51.8035	14.5302	4.5440	0.0000	6.4527	5.0405
22	414	Load Combinations: AASHTO-VID	245.0103	2.0363	15.6064	0.0000	19.2215	-9.8483
22	414	Load Combinations: AASHTO-I-S	141.1111	-0.0756	0.5041	0.0000	-2.6549	-19.4960
22	414	Load Combinations: AASHTO-II-S	120.1516	1.0626	1.1754	0.0000	-0.9216	-8.1373
22	414	Load Combinations: AASHTO-III-S	148.0747	-1.3491	2.7339	0.0000	1.4858	-16.3218
22	414	Load Combinations: AASHTO-VIA-S	74.8736	10.6035	3.6396	0.0000	4.2886	1.1034
22	414	Load Combinations: AASHTO-VIII-S	223.4416	0.3842	12.2087	0.0000	14.1214	-10.2155
22	415	Load Combinations: AASHTO-I	-166.7084	4.9670	-0.7155	0.0000	2.7159	31.7233
22	415	Load Combinations: AASHTO-II	-159.7128	-1.3984	-1.5299	0.0000	-0.3249	11.9481
22	415	Load Combinations: AASHTO-III	-197.7243	1.9932	-3.5711	0.0000	-5.4644	24.5943
22	415	Load Combinations: AASHTO-VIA	-100.8218	-13.5347	-4.7521	0.0000	-10.3002	12.2988
22	415	Load Combinations: AASHTO-VIII	-294.1308	-1.3030	-15.9647	-0.0001	-34.1919	14.5488
22	415	Load Combinations: AASHTO-VIC	-54.5480	-14.5388	-4.5457	0.0000	-10.9975	5.4912
22	415	Load Combinations: AASHTO-VID	-247.9818	-2.0376	-15.7019	0.0000	-34.8183	11.6850
22	415	Load Combinations: AASHTO-I-S	-143.8205	3.0751	-0.5041	0.0000	2.1008	16.4209
22	415	Load Combinations: AASHTO-II-S	-122.8880	-1.0634	-1.1737	0.0000	-0.2529	9.2003
22	415	Load Combinations: AASHTO-III-S	-151.7890	1.3472	-2.7347	0.0000	-4.2198	17.1742
22	415	Load Combinations: AASHTO-VIA-S	-77.5879	-10.6063	-3.6409	0.0000	-7.9287	9.5012
22	415	Load Combinations: AASHTO-VIII-S	-226.1559	-0.3852	-12.2148	0.0000	-26.3323	11.2081
23	415	Load Combinations: AASHTO-I	188.7058	-5.1516	0.8629	0.0000	-2.7159	-31.7233
23	415	Load Combinations: AASHTO-II	159.7133	0.5796	1.1629	0.0000	0.3248	-11.9481
23	415	Load Combinations: AASHTO-III	197.7249	-2.5209	2.5181	0.0000	5.4644	-24.5943
23	415	Load Combinations: AASHTO-VIA	100.8284	10.1275	3.2272	0.0000	10.3002	-12.2988
23	415	Load Combinations: AASHTO-VIII	294.1434	0.3959	16.8520	0.0000	34.1918	-14.5488
23	415	Load Combinations: AASHTO-VIC	54.5485	10.7982	5.0405	0.0000	10.9975	-5.4912
23	415	Load Combinations: AASHTO-VID	247.9743	1.0859	10.8218	0.0000	34.8183	-11.6850
23	415	Load Combinations: AASHTO-I-S	143.8253	-3.0450	0.5131	0.0000	-2.1008	-16.4209
23	415	Load Combinations: AASHTO-II-S	122.8882	0.4368	0.8920	0.0000	0.2529	-9.2003
23	415	Load Combinations: AASHTO-III-S	151.7894	-1.7479	1.9279	0.0000	4.2198	-17.1742
23	415	Load Combinations: AASHTO-VIA-S	77.5918	7.7620	2.4715	0.0000	7.9287	-9.5012
23	415	Load Combinations: AASHTO-VIII-S	226.1633	0.2921	8.2980	0.0000	26.3322	-11.2081
23	416	Load Combinations: AASHTO-I	-192.2344	5.1504	-0.8629	0.0000	2.0531	26.5727
23	416	Load Combinations: AASHTO-II	-163.2420	-0.5809	-1.1633	0.0000	-1.4878	12.5293

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
23	416	Load Combinations: AASHTO-III	-201.2516	2.5195	-2.5195	0.0000	-8.0030	22.0743
23	416	Load Combinations: AASHTO-VIA	-104.3671	-10.1322	-3.2293	0.0000	-13.5283	22.4293
23	416	Load Combinations: AASHTO-VIII	-297.6720	-0.3973	-16.8569	0.0000	-45.0460	14.9463
23	416	Load Combinations: AASHTO-VIC	-57.1930	-10.7995	-5.0421	0.0000	-14.0367	20.2787
23	416	Load Combinations: AASHTO-VID	-250.3208	-1.0820	-10.8269	0.0000	-46.5417	12.7964
23	416	Load Combinations: AASHTO-II-S	-146.5396	3.0447	-0.5131	0.0000	1.5877	13.3762
23	416	Load Combinations: AASHTO-III-S	-125.5806	-0.4374	-0.8923	0.0000	-1.1441	9.6373
23	416	Load Combinations: AASHTO-III-S	-154.5037	1.7471	-1.9287	0.0000	-6.1465	15.4268
23	416	Load Combinations: AASHTO-VIA-S	-80.3081	-7.7647	-2.4727	0.0000	-10.4007	17.3643
23	416	Load Combinations: AASHTO-VIII-S	-229.8777	-0.2930	-8.3020	0.0000	-34.8315	11.4928
24	416	Load Combinations: AASHTO-I	192.2336	-5.1188	0.5870	0.0000	-2.0531	-26.5727
24	416	Load Combinations: AASHTO-II	163.2423	-0.2375	0.7629	0.0000	1.4878	-12.5293
24	416	Load Combinations: AASHTO-III	201.2539	-2.5808	1.4010	0.0000	8.0030	-22.0743
24	416	Load Combinations: AASHTO-VIA	104.3639	9.1901	1.8259	0.0000	13.5283	-22.4293
24	416	Load Combinations: AASHTO-VIII	297.6837	-0.4997	9.4774	0.0000	45.0460	-14.9463
24	416	Load Combinations: AASHTO-VIC	57.1998	9.7405	1.4651	0.0000	14.0367	-20.2787
24	416	Load Combinations: AASHTO-VID	250.3525	0.1110	5.2880	0.0000	46.5417	-12.7964
24	416	Load Combinations: AASHTO-II-S	146.5394	-2.9029	0.4542	0.0000	-1.5877	-13.3762
24	416	Load Combinations: AASHTO-II-S	125.5808	-0.1889	0.5852	0.0000	1.1441	-9.6373
24	416	Load Combinations: AASHTO-III-S	154.5039	-2.0724	1.0720	0.0000	6.1480	-15.4268
24	416	Load Combinations: AASHTO-VIA-S	80.3101	6.7104	1.2494	0.0000	10.4007	-17.2643
24	416	Load Combinations: AASHTO-VIII-S	228.8646	-0.3021	4.1920	0.0000	34.8315	-11.4928
24	417	Load Combinations: AASHTO-I	-190.7625	5.1180	-0.5870	0.0000	1.4062	21.4547
24	417	Load Combinations: AASHTO-II	-166.7709	0.2364	-0.7633	0.0000	-2.2599	12.2924
24	417	Load Combinations: AASHTO-III	-204.7625	2.5788	-1.4023	0.0000	-8.4045	19.0942
24	417	Load Combinations: AASHTO-VIA	-107.8625	-8.1543	-1.8277	0.0000	-15.1550	28.5812
24	417	Load Combinations: AASHTO-VIII	-301.2123	0.4985	-9.4836	0.0000	-50.5259	14.4473
24	417	Load Combinations: AASHTO-VIC	-59.8463	-8.7437	-1.4665	0.0000	-15.5045	27.0207
24	417	Load Combinations: AASHTO-VID	-252.9786	-0.1120	-5.2927	0.0000	-50.8315	12.8779
24	417	Load Combinations: AASHTO-II-S	-149.2537	2.9028	-0.4542	0.0000	1.1335	10.4738
24	417	Load Combinations: AASHTO-II-S	-128.2951	0.1882	-0.5854	0.0000	-1.7293	9.4488
24	417	Load Combinations: AASHTO-III-S	-157.2183	2.0716	-1.0727	0.0000	-7.2202	13.3549
24	417	Load Combinations: AASHTO-VIA-S	-83.8245	-4.7129	-1.2444	0.0000	-11.8446	21.9758
24	417	Load Combinations: AASHTO-VIII-S	-231.5869	0.3914	-4.1936	0.0000	-38.8150	11.1309

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
25	417	Load Combinations: AASHTO-I	195.7620	-4.8712	0.4854	0.0000	-1.4062	-21.4547
25	417	Load Combinations: AASHTO-II	166.7712	-0.9981	0.3690	0.0000	2.2506	-12.2934
25	417	Load Combinations: AASHTO-III	204.7627	-3.2696	0.3316	0.0000	9.4045	-19.0942
25	417	Load Combinations: AASHTO-VIIA	107.8992	2.2945	0.1094	0.0000	15.1550	-26.5812
25	417	Load Combinations: AASHTO-VIIB	501.2215	-1.2876	0.3849	0.0000	50.5259	-14.4473
25	417	Load Combinations: AASHTO-VIIC	98.8523	2.7999	-0.0209	0.0000	15.5845	-27.0207
25	417	Load Combinations: AASHTO-VIID	252.9890	-0.7702	0.2416	0.0000	50.8315	-12.8779
25	417	Load Combinations: AASHTO-I-S	148.2536	-2.8511	0.3818	0.0000	-1.1330	-10.4706
25	417	Load Combinations: AASHTO-II-S	128.2953	-0.7463	0.2830	0.0000	1.7293	-9.4488
25	417	Load Combinations: AASHTO-III-S	157.2184	-2.2777	0.2528	0.0000	7.2202	-15.3546
25	417	Load Combinations: AASHTO-VIIA-S	83.0279	1.7531	0.0807	0.0000	11.6446	-21.9758
25	417	Load Combinations: AASHTO-VIIB-S	231.6043	-0.8957	0.2835	0.0000	38.8150	-11.1009
25	418	Load Combinations: AASHTO-I	-199.2808	4.8706	-0.4835	0.0000	0.9727	16.5840
25	418	Load Combinations: AASHTO-II	-170.2998	0.9852	-0.3654	0.0000	-2.6200	11.3268
25	418	Load Combinations: AASHTO-III	-208.3114	3.2688	-0.3327	0.0000	-8.7366	19.8252
25	418	Load Combinations: AASHTO-VIIA	-111.4268	-2.2984	-0.1111	0.0000	-15.2652	30.8776
25	418	Load Combinations: AASHTO-VIIB	-504.7501	1.2868	-0.3864	0.0000	-50.9135	13.1604
25	418	Load Combinations: AASHTO-VIIC	-92.4986	-2.8025	0.0196	0.0000	-15.4842	29.8219
25	418	Load Combinations: AASHTO-VIID	-255.6345	0.7694	-0.2456	0.0000	-51.0751	12.1081
25	418	Load Combinations: AASHTO-I-S	-151.9678	2.8010	-0.3818	0.0000	0.7518	7.8227
25	418	Load Combinations: AASHTO-II-S	-131.0096	0.7458	-0.2832	0.0000	-2.0125	8.7027
25	418	Load Combinations: AASHTO-III-S	-159.9327	2.2773	-0.2536	0.0000	-7.4734	11.0775
25	418	Load Combinations: AASHTO-VIIA-S	-85.7422	-1.7554	-0.0816	0.0000	-11.7257	23.7301
25	418	Load Combinations: AASHTO-VIIB-S	-234.3196	0.8931	-0.2867	0.0000	-39.1000	10.1076
26	418	Load Combinations: AASHTO-I	199.2803	-4.4273	0.3997	0.0000	-0.9727	-16.5840
26	418	Load Combinations: AASHTO-II	170.2998	-1.5403	0.0135	0.0000	2.6200	-11.3268
26	418	Load Combinations: AASHTO-III	208.3114	-3.3618	-0.0017	0.0000	8.7366	-19.8252
26	418	Load Combinations: AASHTO-VIIA	111.4310	-1.1218	-1.1667	0.0000	15.2652	-30.8776
26	418	Load Combinations: AASHTO-VIIB	504.7580	-1.3019	-4.0022	0.0000	50.9135	-13.1604
26	418	Load Combinations: AASHTO-VIIC	92.5029	-0.7133	-1.2946	0.0000	15.4842	-29.8219
26	418	Load Combinations: AASHTO-VIID	255.6404	-1.4895	-4.0090	0.0000	51.0751	-12.1081
26	418	Load Combinations: AASHTO-I-S	151.9678	-2.3095	0.3815	0.0000	-0.7518	-7.8227
26	418	Load Combinations: AASHTO-II-S	131.0096	-1.1882	0.0104	0.0000	2.0125	-8.7027
26	418	Load Combinations: AASHTO-III-S	159.9328	-2.3458	-0.4619	0.0000	7.4734	-11.0775

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
26	418	Load Combinations: AASHTO-VIIA-S	85.7440	-0.8998	-0.8026	0.0000	11.7257	-23.7301
26	418	Load Combinations: AASHTO-VIIB-S	234.3221	-1.4625	-3.0743	0.0000	39.1000	-10.1076
29	419	Load Combinations: AASHTO-I	-202.8199	4.4271	-0.3898	0.0000	0.5830	12.1572
29	419	Load Combinations: AASHTO-II	-173.8286	1.5446	-0.0139	0.0000	-2.6337	9.7920
29	419	Load Combinations: AASHTO-III	-211.8401	3.3912	0.6007	0.0000	-9.1365	12.4640
29	419	Load Combinations: AASHTO-VIIA	-114.9596	1.1184	1.1953	0.0000	-14.0992	29.7575
29	419	Load Combinations: AASHTO-VIIB	-508.2847	1.3010	3.9975	0.0000	-46.9141	11.2591
29	419	Load Combinations: AASHTO-VIIC	-95.1494	0.7107	1.2936	0.0000	-14.1901	28.1097
29	419	Load Combinations: AASHTO-VIID	-258.2898	1.4888	4.0900	0.0000	-46.9783	10.6191
29	419	Load Combinations: AASHTO-I-S	-154.6822	2.3095	-0.3015	0.0000	0.4555	5.5133
29	419	Load Combinations: AASHTO-II-S	-133.7240	1.1888	-0.0106	0.0000	-2.0230	7.5138
29	419	Load Combinations: AASHTO-III-S	-162.6471	2.3455	0.4613	0.0000	-7.0115	9.7320
29	419	Load Combinations: AASHTO-VIIA-S	-88.4589	0.8648	0.9197	0.0000	-10.8056	22.8645
29	419	Load Combinations: AASHTO-VIIB-S	-237.0364	1.4620	3.0715	0.0000	-36.0274	8.6455
27	419	Load Combinations: AASHTO-I	202.8187	-5.8284	0.2841	0.0000	-0.5830	-12.1572
27	419	Load Combinations: AASHTO-II	173.8286	-1.9374	-0.2782	0.0000	2.6337	-9.7920
27	419	Load Combinations: AASHTO-III	211.8400	-3.2584	-1.3236	0.0000	9.1355	-12.4640
27	419	Load Combinations: AASHTO-VIIA	114.9623	-3.8391	-2.2026	0.0000	14.0692	-29.7575
27	419	Load Combinations: AASHTO-VIIB	508.2877	-2.3030	-7.3782	0.0000	46.9141	-11.2591
27	419	Load Combinations: AASHTO-VIIC	95.1520	-3.5513	-2.2490	0.0000	14.1901	-28.1097
27	419	Load Combinations: AASHTO-VIID	258.2898	-1.9987	-7.4551	0.0000	46.9783	-10.6192
27	419	Load Combinations: AASHTO-I-S	154.6821	-1.9073	0.2168	0.0000	-0.4553	-5.5133
27	419	Load Combinations: AASHTO-II-S	133.7240	-1.4887	-0.2133	0.0000	2.0230	-7.5138
27	419	Load Combinations: AASHTO-III-S	162.6471	-2.2770	-1.0224	0.0000	7.0115	-9.7320
27	419	Load Combinations: AASHTO-VIIA-S	88.4604	-2.9653	-1.6915	0.0000	10.8056	-22.8645
27	419	Load Combinations: AASHTO-VIIB-S	237.0382	-1.7682	-5.6589	0.0000	36.0274	-8.6455
27	420	Load Combinations: AASHTO-I	-206.3473	5.8284	-0.2841	0.0000	0.2990	6.3291
27	420	Load Combinations: AASHTO-II	-177.3570	1.9368	0.2779	0.0000	-2.3357	7.8450
27	420	Load Combinations: AASHTO-III	-215.3687	3.2580	1.3329	0.0000	-7.8024	6.2061
27	420	Load Combinations: AASHTO-VIIA	-118.4667	3.8561	2.2014	0.0000	-11.8673	25.9061
27	420	Load Combinations: AASHTO-VIIB	-511.8163	2.3024	7.3751	0.0000	-39.5379	8.9567
27	420	Load Combinations: AASHTO-VIIC	-97.7994	3.5491	2.2981	0.0000	-11.8216	25.1096
27	420	Load Combinations: AASHTO-VIID	-260.9393	1.9982	7.4301	0.0000	-39.5474	8.9259
27	420	Load Combinations: AASHTO-I-S	-157.3665	1.9074	-0.2166	0.0000	0.2305	3.6060

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
27	420	Load Combinations: AASHTO-III-S	-136.4583	1.4883	0.2151	0.0000	-1.8088	6.0254
27	420	Load Combinations: AASHTO-III-S	-165.3615	2.2766	1.0219	0.0000	-5.9897	6.4552
27	420	Load Combinations: AASHTO-VIIA-S	-91.1747	2.0636	1.6908	0.0000	-9.1145	19.9002
27	420	Load Combinations: AASHTO-VIIB-S	-239.7525	1.7679	0.4565	0.0000	-50.3701	6.8778
28	420	Load Combinations: AASHTO-I	206.3472	-3.1359	0.1848	0.0000	-0.2990	-8.3291
28	420	Load Combinations: AASHTO-II	177.3572	-2.1210	-0.4609	0.0000	2.3957	-7.9490
28	420	Load Combinations: AASHTO-III	315.3688	-2.9760	-1.8176	0.0000	7.8024	-9.2061
28	420	Load Combinations: AASHTO-VIIA	118.4917	-5.7416	-2.8459	0.0000	11.8673	-25.9001
28	420	Load Combinations: AASHTO-VIIB	311.8171	-2.4702	-9.0342	0.0000	39.5378	-8.9567
28	420	Load Combinations: AASHTO-VIIC	67.7986	-5.5318	-2.8841	0.0000	11.3016	-25.5096
28	420	Load Combinations: AASHTO-VIID	260.9371	-2.2188	-9.5528	0.0000	39.5474	-8.8209
28	420	Load Combinations: AASHTO-I-S	157.3905	-1.4775	0.1428	0.0000	-0.2305	-3.9060
28	420	Load Combinations: AASHTO-II-S	136.4383	-1.6286	-0.3734	0.0000	1.8298	-6.3254
28	420	Load Combinations: AASHTO-III-S	165.3614	-2.0625	-1.5933	0.0000	5.9897	-6.4552
28	420	Load Combinations: AASHTO-VIIA-S	91.1753	-4.4086	-2.1944	0.0000	9.1145	-19.9002
28	420	Load Combinations: AASHTO-VIIB-S	239.7530	-1.8301	-7.3090	0.0000	30.3701	-6.8778
28	421	Load Combinations: AASHTO-I	-209.8758	3.1270	-0.1847	0.0000	0.1143	5.3024
28	421	Load Combinations: AASHTO-II	-180.8858	2.1205	0.4667	0.0000	-1.8668	5.7244
28	421	Load Combinations: AASHTO-III	-218.8872	2.8757	1.8170	0.0000	-5.9852	6.2305
28	421	Load Combinations: AASHTO-VIIA	-122.0203	5.7390	2.8448	0.0000	-9.0221	20.1601
28	421	Load Combinations: AASHTO-VIIB	-315.3458	2.4699	9.1307	0.0000	-39.2065	8.4871
28	421	Load Combinations: AASHTO-VIIC	-70.4481	5.5259	2.8833	0.0000	-9.0560	20.0269
28	421	Load Combinations: AASHTO-VIID	-263.5836	3.2683	9.5502	0.0000	-29.8968	8.3528
28	421	Load Combinations: AASHTO-I-S	-160.1108	1.4778	-0.1429	0.0000	0.0877	2.1286
28	421	Load Combinations: AASHTO-II-S	-139.1526	1.6263	0.3733	0.0000	-1.4364	4.3971
28	421	Load Combinations: AASHTO-III-S	-168.0758	2.0824	1.5829	0.0000	-4.5967	4.5729
28	421	Load Combinations: AASHTO-VIIA-S	-93.8896	4.4071	2.1838	0.0000	-6.9305	15.4925
28	421	Load Combinations: AASHTO-VIIB-S	-242.4673	1.8948	7.3070	0.0000	-23.0629	4.9826
29	421	Load Combinations: AASHTO-I	209.8758	-2.3765	0.0868	0.0000	-0.1143	-5.2024
29	421	Load Combinations: AASHTO-II	180.8858	-2.0841	-0.5977	0.0000	1.8689	-5.7244
29	421	Load Combinations: AASHTO-III	218.8871	-2.5374	-2.0196	0.0000	5.9852	-6.2305
29	421	Load Combinations: AASHTO-VIIA	122.0204	-6.6354	-3.0813	0.0000	9.0221	-20.1601
29	421	Load Combinations: AASHTO-VIIB	315.3451	-2.3925	-10.3131	0.0000	30.0965	-6.4871
29	421	Load Combinations: AASHTO-VIIC	70.4482	-6.5142	-3.0970	0.0000	9.0360	-20.0269

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
29	421	Load Combinations: AASHTO-VIID	263.5829	-2.2612	-10.3078	0.0000	29.0968	-8.3528
29	421	Load Combinations: AASHTO-I-S	160.1108	-1.5529	0.0784	0.0000	-0.0877	-2.1286
29	421	Load Combinations: AASHTO-II-S	139.1526	-1.5997	-0.4595	0.0000	1.4364	-4.3971
29	421	Load Combinations: AASHTO-III-S	168.0757	-1.7781	-1.5483	0.0000	4.5967	-4.5729
29	421	Load Combinations: AASHTO-VIIA-S	93.8887	-5.0941	-2.3648	0.0000	6.9305	-15.4925
29	421	Load Combinations: AASHTO-VIIB-S	242.4670	-1.9351	-7.9075	0.0000	23.0629	-4.9826
29	422	Load Combinations: AASHTO-I	-213.4044	2.3767	-0.0868	0.0000	0.0155	3.8259
29	422	Load Combinations: AASHTO-II	-184.4144	2.0837	0.5874	0.0000	-1.2714	3.6406
29	422	Load Combinations: AASHTO-III	-222.4259	2.5373	2.0190	0.0000	-3.9660	3.6933
29	422	Load Combinations: AASHTO-VIIA	-125.5490	6.6331	3.0803	0.0000	-5.9415	13.5261
29	422	Load Combinations: AASHTO-VIIB	-318.8738	2.3921	10.3101	0.0000	-19.6961	4.0951
29	422	Load Combinations: AASHTO-VIIC	-73.0927	6.5124	3.0963	0.0000	-5.9414	13.5158
29	422	Load Combinations: AASHTO-VIID	-266.2294	2.2908	10.3053	0.0000	-19.6914	4.0718
29	422	Load Combinations: AASHTO-I-S	-162.8251	1.2527	-0.0785	0.0000	0.0112	1.0760
29	422	Load Combinations: AASHTO-II-S	-141.8669	1.5984	0.4584	0.0000	-0.9760	2.7976
29	422	Load Combinations: AASHTO-III-S	-170.7801	1.7780	1.5479	0.0000	-3.0467	2.5950
29	422	Load Combinations: AASHTO-VIIA-S	-95.8040	5.0927	2.3643	0.0000	-4.5960	10.3960
29	422	Load Combinations: AASHTO-VIIB-S	-245.1813	1.8348	7.9058	0.0000	-15.1068	3.1460
30	422	Load Combinations: AASHTO-I	213.4044	-1.8254	0.0353	0.0000	-0.0155	-2.8259
30	422	Load Combinations: AASHTO-II	184.4144	-1.5164	-0.5871	0.0000	1.2714	-3.6406
30	422	Load Combinations: AASHTO-III	222.4259	-1.9640	-1.9088	0.0000	3.9660	-3.6933
30	422	Load Combinations: AASHTO-VIIA	125.5484	-6.4220	-2.9691	0.0000	5.9415	-13.5261
30	422	Load Combinations: AASHTO-VIIB	318.8723	-2.0612	-9.5809	0.0000	19.6961	-4.0951
30	422	Load Combinations: AASHTO-VIIC	73.0921	-6.3741	-2.8701	0.0000	5.9414	-13.5158
30	422	Load Combinations: AASHTO-VIID	266.2279	-2.0201	-9.5654	0.0000	19.6914	-4.0718
30	422	Load Combinations: AASHTO-II-S	162.8252	-0.9620	0.0257	0.0000	-0.0112	-1.0760
30	422	Load Combinations: AASHTO-III-S	141.8669	-1.3942	-0.4584	0.0000	0.9760	-2.7976
30	422	Load Combinations: AASHTO-III-S	170.7800	-1.3783	-1.4642	0.0000	3.0467	-2.5950
30	422	Load Combinations: AASHTO-VIIA-S	96.8036	-4.9312	-2.2024	0.0000	4.5960	-10.3960
30	422	Load Combinations: AASHTO-VIIB-S	245.1804	-1.5814	-7.3518	0.0000	15.1068	-3.1460
30	423	Load Combinations: AASHTO-I	-216.9351	1.6266	-0.0334	0.0000	-0.0179	1.1995
30	423	Load Combinations: AASHTO-II	-187.9430	1.8160	0.5969	0.0000	-0.6744	1.8245
30	423	Load Combinations: AASHTO-III	-225.9543	1.9630	1.9682	0.0000	-2.0577	1.7286
30	423	Load Combinations: AASHTO-VIIA	-129.0776	6.4189	2.9682	0.0000	-3.0729	7.1054

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
30	423	Load Combinations: AASHTO-VIB	-322.4009	2.0606	9.5782	0.0000	-10.1177	2.0343
30	423	Load Combinations: AASHTO-VIC	-75.7366	6.3725	2.9695	0.0000	-3.0717	7.1427
30	423	Load Combinations: AASHTO-VID	-268.8744	2.0188	8.5034	0.0000	-10.1279	2.0520
30	423	Load Combinations: AASHTO-I-S	-165.5395	0.6623	-0.0257	0.0000	-0.2145	0.4140
30	423	Load Combinations: AASHTO-II-S	-144.5813	1.3940	0.4583	0.0000	-0.5197	1.4036
30	423	Load Combinations: AASHTO-III-S	-173.5043	1.3782	1.4638	0.0000	-1.5846	1.2188
30	423	Load Combinations: AASHTO-VIA-S	-99.3180	4.9300	2.2018	0.0000	-2.3839	5.4888
30	423	Load Combinations: AASHTO-VIB-S	-247.8048	1.5812	7.3001	0.0000	-7.8060	1.5869
31	423	Load Combinations: AASHTO-I	219.8331	-0.0174	-0.0056	0.0000	0.0178	-1.1665
31	423	Load Combinations: AASHTO-II	187.8429	-1.3032	-0.4712	0.0000	0.5144	-1.8245
31	423	Load Combinations: AASHTO-III	225.9542	-1.2686	-1.4517	0.0000	2.0677	-1.7295
31	423	Load Combinations: AASHTO-VIA	129.5709	-4.9735	-2.1943	0.0000	3.0729	-7.1054
31	423	Load Combinations: AASHTO-VIB	322.3987	-1.4623	-7.1680	0.0000	10.1177	-2.0343
31	423	Load Combinations: AASHTO-VIC	75.7314	-4.9784	-2.1904	0.0000	3.0717	-7.1427
31	423	Load Combinations: AASHTO-VID	268.8722	-1.4653	-7.1775	0.0000	10.1279	-2.0520
31	423	Load Combinations: AASHTO-I-S	165.5395	-0.3314	-0.0046	0.0000	0.0145	-0.4140
31	423	Load Combinations: AASHTO-II-S	144.5812	-1.0011	-0.3623	0.0000	0.5197	-1.4036
31	423	Load Combinations: AASHTO-III-S	173.5043	-0.8927	-1.1153	0.0000	1.5846	-1.2188
31	423	Load Combinations: AASHTO-VIA-S	99.3173	-3.8223	-1.6827	0.0000	2.3839	-5.4889
31	423	Load Combinations: AASHTO-VIB-S	247.8094	-1.1235	-5.5260	0.0000	7.8065	-1.5869
31	424	Load Combinations: AASHTO-I	-220.4617	0.3178	0.0056	0.0000	-0.0122	0.2821
31	424	Load Combinations: AASHTO-II	-191.4718	1.3029	0.4710	0.0000	-0.2033	0.5218
31	424	Load Combinations: AASHTO-III	-229.4828	1.2988	1.4512	0.0000	-0.6063	0.4586
31	424	Load Combinations: AASHTO-VIA	-132.8045	4.9715	2.1838	0.0000	-0.8081	2.1332
31	424	Load Combinations: AASHTO-VIB	-325.9273	1.4818	7.1834	0.0000	-2.9339	0.5724
31	424	Load Combinations: AASHTO-VIC	-78.3839	4.9769	2.1898	0.0000	-0.9117	2.1652
31	424	Load Combinations: AASHTO-VID	-271.5196	1.4649	7.1756	0.0000	-2.9521	0.5870
31	424	Load Combinations: AASHTO-I-S	-168.2538	0.3315	0.5046	0.0000	-0.0099	0.0826
31	424	Load Combinations: AASHTO-II-S	-147.2955	1.0009	0.3622	0.0000	-0.1576	0.4026
31	424	Load Combinations: AASHTO-III-S	-176.2186	0.8926	1.1150	0.0000	-0.4897	0.3243
31	424	Load Combinations: AASHTO-VIA-S	-102.2016	3.8211	1.6825	0.0000	-0.7015	1.6473
31	424	Load Combinations: AASHTO-VIB-S	-252.6578	1.1233	5.5245	0.0000	-2.2818	0.4435
32	424	Load Combinations: AASHTO-I	220.4618	-0.2820	-0.0122	0.0000	0.0122	-0.2821
32	424	Load Combinations: AASHTO-II	191.4715	-0.5219	-0.2035	0.0000	0.2033	-0.5218

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
32	424	Load Combinations: AASHTO-III	229.4828	-0.4599	-0.5067	0.0000	0.6063	-0.4598
32	424	Load Combinations: AASHTO-VIA	132.8029	-2.1343	-0.9095	0.0000	0.8091	-2.1332
32	424	Load Combinations: AASHTO-VIB	325.9246	-0.5726	-2.9554	0.0000	2.9356	-0.5724
32	424	Load Combinations: AASHTO-VIC	78.3820	-2.1680	-0.9120	0.0000	0.9117	-2.1652
32	424	Load Combinations: AASHTO-VID	271.5194	-0.5872	-2.9533	0.0000	2.9521	-0.5870
32	424	Load Combinations: AASHTO-I-S	168.2536	-0.0625	-0.0099	0.0000	0.0099	-0.0825
32	424	Load Combinations: AASHTO-II-S	147.2955	-0.4028	-0.1576	0.0000	0.1575	-0.4026
32	424	Load Combinations: AASHTO-III-S	176.2185	-0.3243	-0.4899	0.0000	0.4897	-0.3243
32	424	Load Combinations: AASHTO-VIA-S	102.0305	-1.6479	-0.7017	0.0000	0.7015	-1.6473
32	424	Load Combinations: AASHTO-VIB-S	250.6059	-0.4436	-2.2827	0.0000	2.2818	-0.4435
32	425	Load Combinations: AASHTO-I	-223.9904	0.2822	0.0122	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-II	-195.0001	0.5214	0.2032	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-III	-233.0115	0.4599	0.5061	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VIA	-136.1312	2.1323	0.9089	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VIB	-329.4527	0.5723	2.9329	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VIC	-81.0285	2.1645	0.9114	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VID	-274.1519	0.5869	2.9514	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-I-S	-170.9682	0.0626	0.0099	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-II-S	-150.0099	0.4029	0.1575	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-III-S	-179.9329	0.3243	0.4895	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VIA-S	-104.7448	1.6468	0.7013	0.0000	0.0000	0.0000
32	425	Load Combinations: AASHTO-VIB-S	-253.3202	0.4434	2.2812	0.0000	0.0000	0.0000
46	1427	Load Combinations: AASHTO-I	176.1217	-4.4311	-0.7494	0.0000	4.9236	-45.9405
46	1427	Load Combinations: AASHTO-II	129.5826	2.6452	0.7854	0.0000	2.8006	-5.1724
46	1427	Load Combinations: AASHTO-III	125.6001	-0.6253	3.5867	0.0000	1.2396	-26.5230
46	1427	Load Combinations: AASHTO-VIA	1.7477	19.0374	6.3839	0.0000	-4.8318	40.1927
46	1427	Load Combinations: AASHTO-VIB	-11.4418	4.2630	21.2949	0.0000	-16.3359	2.5716
46	1427	Load Combinations: AASHTO-VIC	-41.7810	19.7839	6.5455	0.0000	-6.3845	46.1860
46	1427	Load Combinations: AASHTO-VID	-54.9114	5.0462	21.3552	0.0000	-17.2958	7.7240
48	1427	Load Combinations: AASHTO-I-S	135.8630	-2.8313	-0.5812	0.0000	3.8118	-25.4443
48	1427	Load Combinations: AASHTO-II-S	99.7130	2.0200	0.6050	0.0000	2.1696	-4.0279
48	1427	Load Combinations: AASHTO-III-S	96.6260	-0.3931	2.7468	0.0000	1.0049	-19.3078
48	1427	Load Combinations: AASHTO-VIA-S	1.4511	14.6051	4.8958	0.0000	-3.7472	30.7700
48	1427	Load Combinations: AASHTO-VIB-S	-8.8483	3.2670	16.3058	0.0000	-12.4035	1.8319

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
46	880	Load Combinations: AASHTO-I	-181.0503	4.4284	0.7492	0.0000	-4.1744	41.4111
46	880	Load Combinations: AASHTO-II	-155.1214	-2.8469	-0.7946	0.0000	-3.5946	7.8183
46	880	Load Combinations: AASHTO-III	-129.4487	0.6239	-0.5976	0.0000	-4.8359	25.8989
46	880	Load Combinations: AASHTO-VIIA	-5.2764	-19.0418	-6.3883	0.0000	-1.4535	-21.1531
46	880	Load Combinations: AASHTO-VIIB	7.9132	-4.2646	-21.2727	0.0000	-4.9329	1.6922
46	880	Load Combinations: AASHTO-VIIC	39.1345	-19.7870	-6.5472	0.0000	-0.4619	-25.4002
46	880	Load Combinations: AASHTO-VIID	52.2649	-5.0473	-21.3811	0.0000	-4.0830	-2.6771
46	880	Load Combinations: AASHTO-I-S	-138.3973	2.8303	0.5811	0.0000	-3.2307	22.5136
46	880	Load Combinations: AASHTO-II-S	-102.4273	-2.0210	-0.6054	0.0000	-2.7746	6.0484
46	880	Load Combinations: AASHTO-III-S	-66.9404	0.3917	-2.7499	0.0000	-3.7542	17.9152
46	880	Load Combinations: AASHTO-VIIA-S	-4.1855	-14.8977	-4.8972	0.0000	-1.1493	-16.1636
46	880	Load Combinations: AASHTO-VIIB-S	5.8340	-3.2690	-15.9105	0.0000	-3.8047	1.3356
47	880	Load Combinations: AASHTO-I	181.8497	-4.7017	-0.7491	0.0000	4.1744	-41.4111
47	880	Load Combinations: AASHTO-II	133.1217	2.2068	0.6397	0.0000	3.5946	-7.8183
47	880	Load Combinations: AASHTO-III	129.4492	-1.0289	3.1985	0.0000	4.8359	-25.8989
47	880	Load Combinations: AASHTO-VIIA	5.2775	17.3010	5.6482	0.0000	1.4535	21.1531
47	880	Load Combinations: AASHTO-VIIB	-7.9070	3.7567	18.8122	0.0000	4.9329	-1.6922
47	880	Load Combinations: AASHTO-VIIC	-39.1336	18.0360	5.8089	0.0000	0.4619	25.4002
47	880	Load Combinations: AASHTO-VIID	-52.2590	4.5323	18.9054	0.0000	4.0830	2.6771
47	880	Load Combinations: AASHTO-I-S	138.3970	-3.0181	-0.5758	0.0000	3.2307	-22.5136
47	880	Load Combinations: AASHTO-II-S	102.4275	1.6856	0.4873	0.0000	2.7746	-6.0484
47	880	Load Combinations: AASHTO-III-S	66.9406	-0.6736	2.3753	0.0000	3.7542	-17.9152
47	880	Load Combinations: AASHTO-VIIA-S	4.1862	13.2714	4.3307	0.0000	1.1493	16.1636
47	880	Load Combinations: AASHTO-VIIB-S	-5.9304	2.8797	14.4223	0.0000	3.8047	-1.3356
47	881	Load Combinations: AASHTO-I	-180.1784	4.8990	0.7430	0.0000	-3.4314	36.7109
47	881	Load Combinations: AASHTO-II	-136.9504	-2.2104	-0.6403	0.0000	-4.2345	10.0278
47	881	Load Combinations: AASHTO-III	-132.9779	1.0268	-3.1101	0.0000	-7.9451	24.8711
47	881	Load Combinations: AASHTO-VIIA	-8.8062	-17.3057	-5.6506	0.0000	-7.1029	-3.8499
47	881	Load Combinations: AASHTO-VIIB	4.5764	-5.7603	-18.8200	0.0000	-23.7491	5.4517
47	881	Load Combinations: AASHTO-VIIC	36.4873	-18.0394	-5.8108	0.0000	-8.2718	-7.3623
47	881	Load Combinations: AASHTO-VIID	49.6125	-4.5335	-18.9112	0.0000	-23.0017	1.8559
47	881	Load Combinations: AASHTO-I-S	-141.1114	3.0173	0.5758	0.0000	-2.6549	16.4960
47	881	Load Combinations: AASHTO-II-S	-105.1418	-1.6985	-0.4878	0.0000	-3.2823	7.7343
47	881	Load Combinations: AASHTO-III-S	-102.0659	0.6745	-2.3762	0.0000	-6.1299	17.3402

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
47	881	Load Combinations: AASHTO-VIIA-S	-6.5605	-13.2791	-4.3521	0.0000	-5.4807	-2.8909
47	881	Load Combinations: AASHTO-VIIB-S	3.2191	-2.8407	-14.4269	0.0000	-18.3293	4.2158
48	881	Load Combinations: AASHTO-I	195.1777	-4.8886	-0.7155	0.0000	3.4314	-36.7109
48	881	Load Combinations: AASHTO-II	136.8558	1.5054	0.5952	0.0000	4.2345	-10.0278
48	881	Load Combinations: AASHTO-III	132.9784	-1.8072	2.3079	0.0000	7.9451	-24.8711
48	881	Load Combinations: AASHTO-VIIA	8.9109	14.3143	4.4186	0.0000	7.1029	3.8499
48	881	Load Combinations: AASHTO-VIIB	-4.3674	2.9185	14.7143	0.0000	23.7491	-5.4517
48	881	Load Combinations: AASHTO-VIIC	-36.4629	15.0222	4.5757	0.0000	8.2718	7.3623
48	881	Load Combinations: AASHTO-VIID	-49.6017	3.8624	14.8133	0.0000	23.0017	-1.8559
48	881	Load Combinations: AASHTO-I-S	141.1111	-3.0776	-0.5941	0.0000	2.6549	-16.4960
48	881	Load Combinations: AASHTO-II-S	105.1421	1.1465	0.3000	0.0000	3.2823	-7.7343
48	881	Load Combinations: AASHTO-III-S	102.0003	-1.0824	1.7917	0.0000	6.1299	-17.3402
49	881	Load Combinations: AASHTO-VIIA-S	6.6833	10.6762	3.3668	0.0000	5.4807	2.8909
49	881	Load Combinations: AASHTO-VIIB-S	-3.2086	2.2347	11.2764	0.0000	18.3293	-4.2158
49	882	Load Combinations: AASHTO-I	-186.7054	4.8670	0.7155	0.0000	-2.7159	31.7233
49	882	Load Combinations: AASHTO-II	-140.1795	-1.5068	-0.5957	0.0000	-4.6288	11.3338
49	882	Load Combinations: AASHTO-III	-136.3071	1.8055	-2.3093	0.0000	-10.2535	23.2948
49	882	Load Combinations: AASHTO-VIIA	-12.3395	-14.3191	-4.4209	0.0000	-11.5229	10.4868
49	882	Load Combinations: AASHTO-VIIB	0.8368	-2.9200	-14.7218	0.0000	-38.4671	8.3710
49	882	Load Combinations: AASHTO-VIIC	33.8365	-15.0257	-4.5773	0.0000	-10.8483	7.9819
49	882	Load Combinations: AASHTO-VIID	46.9552	-3.8635	-14.8186	0.0000	-37.8181	5.5189
49	882	Load Combinations: AASHTO-I-S	-143.8295	3.0751	0.5941	0.0000	-2.1008	16.4209
49	882	Load Combinations: AASHTO-II-S	-107.8564	-1.1474	-0.3053	0.0000	-3.5424	8.6812
49	882	Load Combinations: AASHTO-III-S	-104.7997	1.0815	-1.7626	0.0000	-7.8925	16.1583
49	882	Load Combinations: AASHTO-VIIA-S	-8.5976	-10.9610	-3.3851	0.0000	-8.8681	8.0666
49	882	Load Combinations: AASHTO-VIIB-S	0.4953	-2.2356	-11.2808	0.0000	-29.6079	6.4509
49	882	Load Combinations: AASHTO-I	186.7058	-5.1516	-0.5629	0.0000	2.7159	-31.7233
49	882	Load Combinations: AASHTO-II	140.1799	0.6806	0.1123	0.0000	4.6288	-11.3339
49	882	Load Combinations: AASHTO-III	136.3076	-2.1986	1.3006	0.0000	10.2535	-23.2948
49	882	Load Combinations: AASHTO-VIIA	12.3461	10.5761	3.8231	0.0000	11.5229	-10.4868
49	882	Load Combinations: AASHTO-VIIB	-0.8262	1.8999	9.7307	0.0000	38.4671	-8.3710
49	882	Load Combinations: AASHTO-VIIC	-33.8300	11.2359	3.0721	0.0000	10.8483	-7.9819
49	882	Load Combinations: AASHTO-VIID	-46.9427	2.5992	9.8352	0.0000	37.8181	-5.5189
49	882	Load Combinations: AASHTO-I-S	143.8253	-3.0450	-0.5131	0.0000	2.1008	-16.4209

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
49	882	Load Combinations: AASHTO-B-S	107.9587	0.5146	0.0835	0.0000	5.5624	-8.8812
49	882	Load Combinations: AASHTO-BI-S	104.7730	-1.5093	1.0286	0.0000	7.8020	-16.1583
49	882	Load Combinations: AASHTO-VBA-S	9.5015	6.1389	2.2386	0.0000	8.8881	-8.3898
49	882	Load Combinations: AASHTO-VBB-S	-0.4678	1.4527	7.4517	0.0000	29.8079	-6.4509
49	883	Load Combinations: AASHTO-I	-192.2344	5.1504	0.0629	0.0000	-2.0531	26.5727
49	883	Load Combinations: AASHTO-II	-145.7095	-0.6818	-0.1128	0.0000	-4.7425	12.2151
49	883	Load Combinations: AASHTO-III	-140.0363	2.1972	-1.3520	0.0000	-11.6048	21.0671
49	883	Load Combinations: AASHTO-VBA	-15.5747	-10.5907	-2.8052	0.0000	-14.4488	21.0452
49	883	Load Combinations: AASHTO-VBB	-2.7024	-1.8010	-9.7376	0.0000	-46.2013	10.3713
49	883	Load Combinations: AASHTO-VBC	31.1835	-11.2393	-3.0736	0.0000	-13.9212	16.8998
49	883	Load Combinations: AASHTO-VBD	44.2982	-2.5903	-9.8403	0.0000	-47.6980	8.1067
49	883	Load Combinations: AASHTO-I-S	-146.5396	3.0447	0.5131	0.0000	-1.5877	13.3762
49	883	Load Combinations: AASHTO-II-S	-110.5710	-0.5103	-0.2837	0.0000	-3.6460	9.3961
49	883	Load Combinations: AASHTO-III-S	-107.4843	1.4996	-1.0295	0.0000	-8.9210	14.8584
49	883	Load Combinations: AASHTO-VBA-S	-12.3159	-8.1113	-2.2402	0.0000	-11.1077	16.1986
49	883	Load Combinations: AASHTO-VBB-S	-2.2265	-1.4536	-7.4558	0.0000	-37.0617	7.9541
50	883	Load Combinations: AASHTO-I	192.2336	-5.1186	-0.0670	0.0000	2.0531	-26.5727
50	883	Load Combinations: AASHTO-II	145.7098	-0.1477	-0.1672	0.0000	4.7425	-12.2151
50	883	Load Combinations: AASHTO-III	140.0366	-2.6933	0.3668	0.0000	11.6048	-21.0671
50	883	Load Combinations: AASHTO-VBA	15.5816	6.5590	1.3597	0.0000	14.4488	-21.0452
50	883	Load Combinations: AASHTO-VBB	2.7140	0.8977	4.5216	0.0000	46.2013	-10.3713
50	883	Load Combinations: AASHTO-VBC	-31.1787	7.1408	1.4958	0.0000	13.9212	-16.8998
50	883	Load Combinations: AASHTO-VBD	-44.2946	1.4000	4.8288	0.0000	47.6980	-8.1067
50	883	Load Combinations: AASHTO-I-S	146.5394	-2.9028	-0.4542	0.0000	1.5877	-13.3762
50	883	Load Combinations: AASHTO-II-S	110.5712	-0.1167	-0.1305	0.0000	3.6460	-9.3961
50	883	Load Combinations: AASHTO-III-S	107.4845	-1.8522	0.2769	0.0000	8.9210	-14.8584
50	883	Load Combinations: AASHTO-VBA-S	12.3189	5.0187	1.0393	0.0000	11.1077	-16.1986
50	883	Load Combinations: AASHTO-VBB-S	2.2333	0.6381	3.4548	0.0000	37.0617	-7.9541
50	884	Load Combinations: AASHTO-I	-190.7625	5.1180	0.5870	0.0000	-1.4662	21.4547
50	884	Load Combinations: AASHTO-II	-147.2375	0.1466	0.1668	0.0000	-4.5755	12.0679
50	884	Load Combinations: AASHTO-III	-143.5653	2.6922	-0.3701	0.0000	-11.5742	18.3745
50	884	Load Combinations: AASHTO-VBA	-19.4102	-6.5542	-1.3616	0.0000	-15.8074	27.5972
50	884	Load Combinations: AASHTO-VBB	-8.2426	-0.8390	-4.5278	0.0000	-52.7260	11.1097
50	884	Load Combinations: AASHTO-VBC	28.5302	-7.1440	-1.4972	0.0000	-15.4178	26.0421

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
50	884	Load Combinations: AASHTO-VBD	-41.6382	-1.4009	-4.8334	0.0000	-52.2872	9.5592
50	884	Load Combinations: AASHTO-I-S	-149.2537	2.9026	0.4542	0.0000	-1.1335	10.4736
50	884	Load Combinations: AASHTO-II-S	-113.2855	0.1161	0.1303	0.0000	-3.5156	9.2767
50	884	Load Combinations: AASHTO-III-S	-110.1989	1.8516	-0.2777	0.0000	-8.1963	12.8089
50	884	Load Combinations: AASHTO-VBA-S	-15.0142	-5.0212	-1.0404	0.0000	-12.1475	21.2185
50	884	Load Combinations: AASHTO-VBB-S	-4.9476	-0.6388	-3.4584	0.0000	-40.5182	8.5425
51	884	Load Combinations: AASHTO-I	195.7620	-4.8713	-0.4604	0.0000	1.4662	-21.4547
51	884	Load Combinations: AASHTO-II	147.2377	-0.8902	-0.4129	0.0000	4.5755	-12.0679
51	884	Load Combinations: AASHTO-III	143.5654	-3.0265	-0.5343	0.0000	11.5742	-18.3745
51	884	Load Combinations: AASHTO-VBA	19.4180	2.6351	-0.1109	0.0000	15.8074	-27.5972
51	884	Load Combinations: AASHTO-VBB	8.2514	-0.1575	-0.3760	0.0000	52.7260	-11.1097
51	884	Load Combinations: AASHTO-VBC	-28.5242	3.1400	0.0061	0.0000	15.4178	-26.0421
51	884	Load Combinations: AASHTO-VBD	-41.6292	0.3594	-0.2720	0.0000	52.2872	-9.5592
51	884	Load Combinations: AASHTO-I-S	149.2536	-2.8511	-0.3818	0.0000	1.1335	-10.4736
51	884	Load Combinations: AASHTO-II-S	113.2857	-0.5980	-0.3194	0.0000	3.5156	-9.2767
51	884	Load Combinations: AASHTO-III-S	110.1990	-2.0921	-0.4143	0.0000	8.1963	-12.8089
51	884	Load Combinations: AASHTO-VBA-S	15.0376	2.0146	-0.0859	0.0000	12.1475	-21.2185
51	884	Load Combinations: AASHTO-VBB-S	4.9529	-0.1252	-0.3038	0.0000	40.5182	-8.5425
51	885	Load Combinations: AASHTO-I	-199.2906	4.8709	0.4605	0.0000	-0.9727	16.5840
51	885	Load Combinations: AASHTO-II	-150.7663	0.8893	0.4125	0.0000	-4.1629	11.1782
51	885	Load Combinations: AASHTO-III	-147.0941	3.0257	0.5333	0.0000	-11.4465	15.3489
51	885	Load Combinations: AASHTO-VBA	-22.8446	-2.6390	0.1093	0.0000	-15.6973	30.2343
51	885	Load Combinations: AASHTO-VBB	-8.7601	0.1564	0.3726	0.0000	-52.3587	10.9527
51	885	Load Combinations: AASHTO-VBC	25.8777	-3.1429	-0.0094	0.0000	-15.4266	29.1839
51	885	Load Combinations: AASHTO-VBD	38.9828	-0.3602	0.2680	0.0000	-52.0172	9.9190
51	885	Load Combinations: AASHTO-I-S	-151.9676	2.8515	0.3818	0.0000	-0.7518	7.8227
51	885	Load Combinations: AASHTO-II-S	-116.0000	0.6875	0.3182	0.0000	-3.1974	8.5890
51	885	Load Combinations: AASHTO-III-S	-112.9133	2.0918	0.4136	0.0000	-8.7844	10.7149
51	885	Load Combinations: AASHTO-VBA-S	-17.7520	-2.0159	0.0879	0.0000	-12.0591	23.2342
51	885	Load Combinations: AASHTO-VBB-S	-7.9672	0.1245	0.3006	0.0000	-40.2180	8.4177
52	885	Load Combinations: AASHTO-I	199.2903	-4.4273	-0.3997	0.0000	0.9727	-16.5840
52	885	Load Combinations: AASHTO-II	150.7664	-1.4851	-0.5040	0.0000	4.1629	-11.1782
52	885	Load Combinations: AASHTO-III	147.0941	-3.1689	-1.2839	0.0000	11.4465	-15.3489
52	885	Load Combinations: AASHTO-VBA	22.9489	-0.8475	-1.3674	0.0000	15.6973	-30.2343

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
52	885	Load Combinations: AASHTO-VB8	9.7857	-7.0040	-4.5839	0.0000	52.9507	-10.9527
52	885	Load Combinations: AASHTO-VBC	-25.8739	-0.4395	-1.2896	0.0000	15.4265	-28.1836
52	885	Load Combinations: AASHTO-VBD	-36.9776	-0.5991	-4.4638	0.0000	52.8172	-9.9190
52	885	Load Combinations: AASHTO-I-S	151.9678	-0.3095	-0.3015	0.0000	0.7918	-7.8227
52	885	Load Combinations: AASHTO-B-S	118.0001	-1.1430	-0.4645	0.0000	3.1874	-8.5896
52	885	Load Combinations: AASHTO-IB-S	112.9133	-2.1868	-0.9676	0.0000	8.7844	-18.7148
52	885	Load Combinations: AASHTO-VBA-S	17.7544	-0.6572	-1.8526	0.0000	13.0691	-23.2342
52	885	Load Combinations: AASHTO-VBB-S	7.4705	-0.7741	-3.5140	0.0000	40.2160	-8.4177
52	886	Load Combinations: AASHTO-I	-202.8188	4.4271	0.3898	0.0000	-0.5830	12.1572
52	886	Load Combinations: AASHTO-B	-154.2950	1.4843	0.6037	0.0000	-2.5591	8.6856
52	886	Load Combinations: AASHTO-IB	-150.6227	3.1684	1.2936	0.0000	-10.1571	12.1801
52	886	Load Combinations: AASHTO-VBA	-26.4775	0.6441	1.3660	0.0000	-14.3306	29.3885
52	886	Load Combinations: AASHTO-VBB	-13.3144	1.0031	4.5593	0.0000	-47.7991	9.3482
52	886	Load Combinations: AASHTO-VBC	23.2268	0.4369	1.2875	0.0000	-14.1585	28.7483
52	886	Load Combinations: AASHTO-VBD	36.3306	0.5924	4.4604	0.0000	-47.5550	9.3262
53	886	Load Combinations: AASHTO-I-S	-154.6823	2.3090	0.3015	0.0000	-0.4503	5.5133
53	886	Load Combinations: AASHTO-B-S	-118.7144	1.1426	0.4644	0.0000	-2.7329	7.4483
53	886	Load Combinations: AASHTO-IB-S	-115.0277	2.1985	0.9671	0.0000	-7.7970	8.5162
53	886	Load Combinations: AASHTO-VBA-S	-20.4668	0.6552	1.0518	0.0000	-11.0069	22.5761
53	886	Load Combinations: AASHTO-VBB-S	-10.3548	0.7736	3.5113	0.0000	-36.7034	7.6439
53	886	Load Combinations: AASHTO-I	202.8187	-5.8254	-0.2841	0.0000	0.5830	-12.1572
53	886	Load Combinations: AASHTO-B	154.2951	-1.8052	-0.7284	0.0000	3.5591	-9.6839
53	886	Load Combinations: AASHTO-IB	150.6228	-3.1174	-1.8263	0.0000	10.1571	-12.1801
53	886	Load Combinations: AASHTO-VBA	26.4900	-3.6540	-2.3240	0.0000	14.3306	-29.3885
53	886	Load Combinations: AASHTO-VBB	13.3171	-1.8441	-7.7504	0.0000	47.7991	-9.3482
53	886	Load Combinations: AASHTO-VBC	-23.2241	-3.3469	-2.3470	0.0000	14.1585	-28.7483
53	886	Load Combinations: AASHTO-VBD	-36.3277	-1.3418	-7.6608	0.0000	47.5550	-9.3262
53	884	Load Combinations: AASHTO-I-S	154.6821	-1.9073	-0.2196	0.0000	0.4503	-5.5133
53	885	Load Combinations: AASHTO-B-S	118.7144	-1.4549	-0.5595	0.0000	2.7329	-7.4483
53	886	Load Combinations: AASHTO-IB-S	115.0278	-2.1498	-1.4047	0.0000	7.7970	-8.5162
53	886	Load Combinations: AASHTO-VBA-S	20.4703	-2.8099	-1.7860	0.0000	11.0069	-22.5761
53	886	Load Combinations: AASHTO-VBB-S	10.3864	-1.2646	-5.9599	0.0000	36.7034	-7.6439
53	887	Load Combinations: AASHTO-I	-206.3473	5.8284	0.2841	0.0000	-0.2990	8.3291
53	887	Load Combinations: AASHTO-B	-157.8237	1.8926	0.7282	0.0000	-2.8309	7.8006

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
53	887	Load Combinations: AASHTO-IB	-154.1512	3.1170	1.8286	0.0000	-8.3283	9.0831
53	887	Load Combinations: AASHTO-VBA	-30.0087	3.6510	2.3229	0.0000	-12.0072	25.7360
53	887	Load Combinations: AASHTO-VBB	-16.8458	1.6433	7.7465	0.0000	-40.0407	8.3055
53	887	Load Combinations: AASHTO-VBC	20.5776	3.3446	2.2481	0.0000	-11.8119	25.3995
53	887	Load Combinations: AASHTO-VBD	33.6812	1.3411	7.6579	0.0000	-39.8956	7.3648
53	887	Load Combinations: AASHTO-I-S	-157.3665	1.9074	0.2199	0.0000	-0.2305	3.6060
53	887	Load Combinations: AASHTO-B-S	-121.4287	1.4545	0.5594	0.0000	-2.1735	5.8916
53	887	Load Combinations: AASHTO-IB-S	-118.3420	2.1686	1.4042	0.0000	-6.3827	6.3466
53	887	Load Combinations: AASHTO-VBA-S	-23.1946	2.8091	1.7853	0.0000	-9.2213	19.7691
53	887	Load Combinations: AASHTO-VBB-S	-13.1008	1.2641	5.9545	0.0000	-30.7477	6.3795
54	887	Load Combinations: AASHTO-I	206.3472	-5.1269	-0.1846	0.0000	0.2990	-8.3291
54	887	Load Combinations: AASHTO-B	157.8237	-2.0922	-0.7797	0.0000	2.8309	-7.8006
54	887	Load Combinations: AASHTO-IB	154.1511	-2.8844	-2.1398	0.0000	8.3283	-9.0831
54	887	Load Combinations: AASHTO-VBA	30.0098	-5.8045	-2.8023	0.0000	12.0072	-25.7360
54	887	Load Combinations: AASHTO-VBB	16.8464	-2.0391	-6.7433	0.0000	40.0407	-8.3055
54	887	Load Combinations: AASHTO-VBC	-20.5764	-5.3953	-2.8674	0.0000	11.8119	-25.3995
54	887	Load Combinations: AASHTO-VBD	-33.6805	-1.8398	-6.6687	0.0000	39.8956	-7.3648
54	887	Load Combinations: AASHTO-I-S	157.3665	-1.4775	-0.1429	0.0000	0.2305	-3.6060
54	887	Load Combinations: AASHTO-B-S	121.4287	-1.8066	-0.5985	0.0000	2.1735	-5.8916
54	887	Load Combinations: AASHTO-IB-S	118.3419	-2.0130	-1.6406	0.0000	6.3827	-6.3466
54	887	Load Combinations: AASHTO-VBA-S	23.1953	-4.3056	-2.2445	0.0000	9.2213	-19.7691
54	887	Load Combinations: AASHTO-VBB-S	13.1012	-1.5670	-7.4837	0.0000	30.7477	-6.3795
54	888	Load Combinations: AASHTO-I	-209.5759	3.1270	0.1947	0.0000	-0.1143	5.2024
54	888	Load Combinations: AASHTO-B	-161.3523	2.0916	0.7795	0.0000	-2.0513	5.7090
54	888	Load Combinations: AASHTO-IB	-157.6797	2.8842	2.1360	0.0000	-8.1801	6.1798
54	888	Load Combinations: AASHTO-VBA	-33.5384	5.8019	2.8213	0.0000	-9.0854	20.1329
54	888	Load Combinations: AASHTO-VBB	-20.3759	2.0365	6.7400	0.0000	-30.2991	6.2667
54	888	Load Combinations: AASHTO-VBC	17.9289	5.3933	2.8666	0.0000	-9.0449	20.0052
54	888	Load Combinations: AASHTO-VBD	31.0340	1.8392	6.6661	0.0000	-30.2291	6.1453
54	888	Load Combinations: AASHTO-I-S	-160.1108	1.4778	0.1429	0.0000	-0.0877	2.1286
54	888	Load Combinations: AASHTO-B-S	-124.1456	1.8063	0.5984	0.0000	-1.5751	4.3653
54	888	Load Combinations: AASHTO-IB-S	-121.0582	2.0129	1.6406	0.0000	-4.7535	4.3338
54	888	Load Combinations: AASHTO-VBA-S	-25.8996	4.3045	2.2439	0.0000	-6.9771	15.4643
54	888	Load Combinations: AASHTO-VBB-S	-15.8155	1.5668	7.4817	0.0000	-23.3881	4.8127

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
55	888	Load Combinations: AASHTO-V	209.8758	-2.3765	-0.0988	0.0000	9.1149	-0.2624
55	888	Load Combinations: AASHTO-IE	161.3522	-2.0687	-0.7546	0.0000	2.0513	-5.7090
55	888	Load Combinations: AASHTO-IE	157.6796	-2.4889	-2.1908	0.0000	9.1901	-6.1769
55	888	Load Combinations: AASHTO-VEA	33.5395	-6.5410	-3.1208	0.0000	9.0854	-20.1329
55	888	Load Combinations: AASHTO-VEB	20.3743	-2.1616	-10.4043	0.0000	30.2991	-6.2987
55	888	Load Combinations: AASHTO-VEC	-17.8267	-6.4403	-3.0868	0.0000	9.0449	-20.0052
55	888	Load Combinations: AASHTO-VED	-31.0347	-2.0524	-10.3486	0.0000	30.2261	-6.1453
55	888	Load Combinations: AASHTO-I-S	160.1108	-1.0526	-0.0764	0.0000	0.0877	-2.1286
55	888	Load Combinations: AASHTO-IE-S	124.1430	-1.5880	-0.5790	0.0000	1.5751	-4.3953
55	888	Load Combinations: AASHTO-IE-S	121.0561	-1.7413	-1.6802	0.0000	4.7520	-4.3338
55	888	Load Combinations: AASHTO-VEA-S	25.8997	-5.0396	-2.3963	0.0000	6.8771	-15.4643
55	888	Load Combinations: AASHTO-VEB-S	15.6151	-1.6603	-7.9887	0.0000	23.2951	-4.8127
55	889	Load Combinations: AASHTO-I	-213.4044	2.3767	0.0988	0.0000	-0.0158	2.8259
55	889	Load Combinations: AASHTO-IE	-164.8809	2.0682	0.7544	0.0000	-1.2969	5.6407
55	889	Load Combinations: AASHTO-IE	-161.2062	2.4887	2.1900	0.0000	-4.0000	5.6903
55	889	Load Combinations: AASHTO-VEA	-37.2672	6.5586	3.1199	0.0000	-0.9650	13.5732
55	889	Load Combinations: AASHTO-VEB	-23.9030	2.1610	10.4013	0.0000	-19.8964	4.1054
55	889	Load Combinations: AASHTO-VEC	15.2832	6.4385	3.0861	0.0000	-0.9584	13.5657
55	889	Load Combinations: AASHTO-VED	28.3982	2.0519	10.3484	0.0000	-19.8804	4.0931
55	890	Load Combinations: AASHTO-I-S	-162.8251	1.0527	0.0763	0.0000	-0.0112	1.0760
55	890	Load Combinations: AASHTO-IE-S	-126.8573	1.5877	0.5790	0.0000	-0.9961	2.7976
55	890	Load Combinations: AASHTO-IE-S	-123.7705	1.7412	1.6799	0.0000	-3.0720	2.5926
55	890	Load Combinations: AASHTO-VEA-E	-26.6140	5.0373	2.3957	0.0000	-4.5811	10.4265
55	890	Load Combinations: AASHTO-VEB-E	-16.5294	1.6589	7.9870	0.0000	-15.2773	3.1527
56	889	Load Combinations: AASHTO-I	213.4044	-1.8254	-0.0333	0.0000	0.0155	-2.8259
56	889	Load Combinations: AASHTO-E	164.8808	-1.8114	-0.6503	0.0000	1.2969	-5.6407
56	889	Load Combinations: AASHTO-IE	161.2061	-1.9485	-1.9664	0.0000	4.0000	-5.6903
56	889	Load Combinations: AASHTO-VEA	37.2668	-6.4014	-2.8829	0.0000	9.9650	-13.5732
56	889	Load Combinations: AASHTO-VEB	23.8015	-1.9876	-9.8117	0.0000	19.8964	-4.1054
56	889	Load Combinations: AASHTO-VEC	-15.2837	-6.3542	-2.8673	0.0000	9.9584	-13.5657
56	889	Load Combinations: AASHTO-VED	-28.3896	-1.9489	-9.5798	0.0000	19.8804	-4.0932
56	889	Load Combinations: AASHTO-I-E	162.8252	-0.6620	-0.0257	0.0000	0.0112	-1.0760
56	889	Load Combinations: AASHTO-IE-S	126.8573	-1.3906	-0.4992	0.0000	0.9991	-2.7976
56	889	Load Combinations: AASHTO-IE-S	123.7704	-1.3666	-1.5065	0.0000	3.0720	-2.5926

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
55	889	Load Combinations: AASHTO-VEA-S	28.6136	-4.9155	-2.2139	0.0000	4.5811	-10.4265
56	889	Load Combinations: AASHTO-VEB-S	18.5280	-1.5262	-7.3789	0.0000	15.2779	-3.1527
56	890	Load Combinations: AASHTO-I	-216.9331	1.8288	0.0334	0.0000	0.0178	1.1995
56	890	Load Combinations: AASHTO-E	-168.4094	1.8110	0.6502	0.0000	-0.6467	1.8298
56	890	Load Combinations: AASHTO-IE	-164.7397	1.9484	1.9659	0.0000	-2.0339	1.7419
56	890	Load Combinations: AASHTO-VEA	-40.5953	6.3993	2.8821	0.0000	-9.0826	7.1729
56	890	Load Combinations: AASHTO-VEB	-27.4301	1.9871	9.8091	0.0000	-19.2961	2.1180
56	890	Load Combinations: AASHTO-VEC	12.6373	6.3525	2.8687	0.0000	-9.0914	7.2134
56	890	Load Combinations: AASHTO-VED	25.7432	1.9485	9.5769	0.0000	-19.3025	2.1444
56	890	Load Combinations: AASHTO-I-E	-165.5395	0.6622	0.0257	0.0000	0.0146	0.4140
56	890	Load Combinations: AASHTO-IE-S	-129.5718	1.3903	0.4990	0.0000	-0.4971	1.4073
56	890	Load Combinations: AASHTO-IE-E	-126.4647	1.3665	1.5082	0.0000	-1.5038	1.2262
56	890	Load Combinations: AASHTO-VEA-S	-31.3280	4.9142	2.2129	0.0000	-2.3660	5.5117
56	890	Load Combinations: AASHTO-VEB-S	-21.2429	1.5259	7.3773	0.0000	-7.8893	1.6267
57	890	Load Combinations: AASHTO-I	216.9331	-0.9174	0.0056	0.0000	-0.0178	-1.1995
57	890	Load Combinations: AASHTO-E	168.4094	-1.3049	-0.4629	0.0000	0.6467	-1.8298
57	890	Load Combinations: AASHTO-IE	164.7398	-1.2743	-1.4457	0.0000	2.0339	-1.7419
57	890	Load Combinations: AASHTO-VEA	40.5940	-4.8944	-2.1685	0.0000	9.0826	-7.1729
57	890	Load Combinations: AASHTO-VEB	27.4279	-1.4692	-7.2257	0.0000	19.2961	-2.1180
57	890	Load Combinations: AASHTO-VEC	-12.6394	-5.0061	-2.1658	0.0000	9.0914	-7.2134
57	890	Load Combinations: AASHTO-VED	-25.7453	-1.4955	-7.2189	0.0000	19.3025	-2.1444
57	890	Load Combinations: AASHTO-I-E	165.5396	-0.3314	0.0046	0.0000	-0.0146	-0.4140
57	890	Load Combinations: AASHTO-IE-S	129.5716	-1.0023	-0.3552	0.0000	0.4971	-1.4073
57	890	Load Combinations: AASHTO-IE-S	126.4647	-0.8990	-1.1083	0.0000	1.5036	-1.2262
57	890	Load Combinations: AASHTO-VEA-S	31.3273	-3.8307	-1.8636	0.0000	2.3660	-5.5117
57	890	Load Combinations: AASHTO-VEB-S	21.2418	-1.1434	-5.5473	0.0000	7.8893	-1.6267
57	891	Load Combinations: AASHTO-I	-220.4617	0.9176	-0.0056	0.0000	0.0122	0.2921
57	891	Load Combinations: AASHTO-E	-171.9080	1.3045	0.4625	0.0000	-0.1841	0.5250
57	891	Load Combinations: AASHTO-IE	-168.2852	1.2742	1.4452	0.0000	-0.5905	0.4677
57	891	Load Combinations: AASHTO-VEA	-44.1226	4.9924	2.1856	0.0000	-0.9164	2.1786
57	891	Load Combinations: AASHTO-VEB	-30.9586	1.4887	7.2232	0.0000	-3.0818	0.6292
57	891	Load Combinations: AASHTO-VEC	9.9920	4.9569	2.1652	0.0000	-0.8259	2.2130
57	891	Load Combinations: AASHTO-VED	23.0989	1.4951	7.2171	0.0000	-3.0844	0.6491
57	891	Load Combinations: AASHTO-I-E	-168.2838	0.3315	-0.0045	0.0000	0.0099	0.0925

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
57	891	Load Combinations: AASHTO-B-S	-132.2858	1.0021	0.3002	0.0000	-0.1420	0.4051
57	891	Load Combinations: AASHTO-IB-S	-129.1990	0.8960	1.1081	0.0000	-0.4556	0.3302
57	891	Load Combinations: AASHTO-VBA-S	-34.0416	3.8340	1.6831	0.0000	-0.7047	1.6798
57	891	Load Combinations: AASHTO-VBB-S	-23.9559	1.1451	5.5458	0.0000	-2.3528	0.4835
58	891	Load Combinations: AASHTO-I	220.4618	-0.2620	0.0122	0.0000	-0.0122	-0.2621
58	891	Load Combinations: AASHTO-B	171.9379	-0.5252	-0.1842	0.0000	0.1841	-0.5250
58	891	Load Combinations: AASHTO-IB	168.2851	-0.4678	-0.5908	0.0000	0.5905	-0.4677
58	891	Load Combinations: AASHTO-VBA	44.1207	-2.1807	-0.8168	0.0000	0.8164	-2.1796
58	891	Load Combinations: AASHTO-VBB	30.9535	-0.6294	-3.0630	0.0000	3.0618	-0.6292
58	891	Load Combinations: AASHTO-VBC	-9.0939	-2.2137	-0.8262	0.0000	0.8259	-2.2130
58	891	Load Combinations: AASHTO-VBD	-25.1019	-0.6495	-3.3853	0.0000	3.3844	-0.6491
59	891	Load Combinations: AASHTO-I-S	168.2539	-0.0625	0.0099	0.0000	-0.0099	-0.0625
59	891	Load Combinations: AASHTO-B-S	132.2859	-0.4052	-0.1420	0.0000	0.1420	-0.4051
59	891	Load Combinations: AASHTO-IB-S	129.1989	-0.3303	-0.4556	0.0000	0.4556	-0.3302
59	891	Load Combinations: AASHTO-VBA-S	34.0405	-1.6772	-0.7046	0.0000	0.7047	-1.6798
59	891	Load Combinations: AASHTO-VBB-S	23.9541	-0.4836	-2.3536	0.0000	2.3528	-0.4835
58	892	Load Combinations: AASHTO-I	-223.9804	0.2622	-0.0122	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-B	-175.4656	0.5249	0.1841	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-IB	-171.7857	0.4677	0.5904	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBA	-47.6494	2.1787	0.8161	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBB	-34.4821	0.6289	3.0606	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBC	7.3474	2.2122	0.8256	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBD	20.4554	0.6489	3.3835	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-I-S	-170.9662	0.0626	-0.0099	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-B-S	-130.0002	0.4050	0.1419	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-IB-S	-131.9133	0.3302	0.4555	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBA-S	-36.7548	1.6760	0.7044	0.0000	0.0000	0.0000
58	892	Load Combinations: AASHTO-VBB-S	-26.6684	0.4833	2.3521	0.0000	0.0000	0.0000
59	1043	Load Combinations: AASHTO-I	296.4614	-0.8770	1.9461	0.0000	-12.9352	-22.6892
59	1043	Load Combinations: AASHTO-B	210.4810	5.3377	2.5463	0.0000	-8.7462	12.4978
59	1043	Load Combinations: AASHTO-IB	200.4440	2.5483	5.7458	0.0000	-12.8433	-7.1407
59	1043	Load Combinations: AASHTO-VBA	247.1139	20.4450	7.5458	0.0000	-13.3793	49.5291
59	1043	Load Combinations: AASHTO-VBB	356.9690	6.1302	22.3626	-0.0001	-22.8893	14.8993
59	1043	Load Combinations: AASHTO-VBC	197.0445	20.3906	7.2089	0.0000	-10.2732	49.2985

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
59	1043	Load Combinations: AASHTO-VBD	306.7719	6.1140	21.9585	-0.0001	-20.3317	14.7943
59	1043	Load Combinations: AASHTO-I-S	188.9968	-0.3502	1.2145	0.0000	-8.2336	-8.5452
59	1043	Load Combinations: AASHTO-B-S	161.8843	4.0955	1.9570	0.0000	-6.7191	9.5676
59	1043	Load Combinations: AASHTO-IB-S	215.0492	1.9812	4.3375	0.0000	-8.3962	-3.5564
59	1043	Load Combinations: AASHTO-VBA-S	100.0546	15.6892	5.7902	0.0000	-8.4527	37.9263
59	1043	Load Combinations: AASHTO-VBB-S	274.4708	4.7048	17.1148	0.0000	-17.1578	11.3625
59	1586	Load Combinations: AASHTO-I	-299.6601	0.8751	-1.9437	0.0000	12.9910	21.7932
59	1586	Load Combinations: AASHTO-B	-213.9896	-5.3358	-2.5466	0.0000	8.2019	-7.1597
59	1586	Load Combinations: AASHTO-IB	-293.6727	-2.3501	-5.7449	0.0000	7.0867	9.4697
59	1586	Load Combinations: AASHTO-VBA	-250.5429	-20.4491	-7.5429	0.0000	4.8391	-29.0639
59	1586	Load Combinations: AASHTO-VBB	-360.4648	-6.1314	-22.3703	0.0001	9.3058	-8.7364
59	1586	Load Combinations: AASHTO-VBC	-199.6910	-20.3938	-7.2105	0.0000	3.0631	-28.8977
59	1586	Load Combinations: AASHTO-VBD	-309.4184	-6.1149	-21.9643	0.0001	-1.8272	-8.6806
59	1586	Load Combinations: AASHTO-I-S	-182.7112	0.3486	-1.2143	0.0000	8.8192	8.1953
59	1586	Load Combinations: AASHTO-B-S	-164.5996	-4.0961	-1.9571	0.0000	4.7621	-5.4720
59	1586	Load Combinations: AASHTO-IB-S	-217.7635	-1.9821	-4.3383	0.0000	5.0577	5.4599
59	1586	Load Combinations: AASHTO-VBA-S	-102.7699	-15.6916	-5.7914	0.0000	3.8723	-22.2371
59	1586	Load Combinations: AASHTO-VBB-S	-277.1851	-4.7056	-17.1154	0.0000	9.0423	-8.6778
60	1586	Load Combinations: AASHTO-I	299.9600	-1.1874	1.9345	0.0000	-10.9915	-21.7932
60	1586	Load Combinations: AASHTO-B	213.9895	4.8789	2.3789	0.0000	-8.2019	7.1587
60	1586	Load Combinations: AASHTO-IB	293.9730	1.9112	5.2406	0.0000	-7.0867	-9.4697
60	1586	Load Combinations: AASHTO-VBA	250.8427	18.7209	6.7955	0.0000	-4.8361	29.0639
60	1586	Load Combinations: AASHTO-VBB	360.5000	5.6171	19.8968	0.0000	-9.3058	8.7364
60	1586	Load Combinations: AASHTO-VBC	199.6912	18.6433	6.4661	0.0000	-3.0631	28.8977
60	1586	Load Combinations: AASHTO-VBD	309.4239	5.5989	19.4973	-0.0001	1.8272	8.6806
60	1586	Load Combinations: AASHTO-I-S	182.7111	-0.4625	1.2056	0.0000	-8.8192	-8.1953
60	1586	Load Combinations: AASHTO-B-S	164.5996	3.7417	1.8274	0.0000	-4.7621	5.4720
60	1586	Load Combinations: AASHTO-IB-S	217.7637	1.8039	3.9503	0.0000	-5.0577	-5.4599
60	1586	Load Combinations: AASHTO-VBA-S	102.7690	14.3596	5.2070	0.0000	-3.8723	22.2371
60	1586	Load Combinations: AASHTO-VBB-S	277.1865	4.3084	15.2202	0.0000	-9.0423	8.6778
60	1587	Load Combinations: AASHTO-I	-303.3187	1.1858	-1.9342	0.0000	9.0574	20.6068
60	1587	Load Combinations: AASHTO-B	-217.3182	-4.8796	-2.3791	0.0000	3.8233	-2.2809
60	1587	Load Combinations: AASHTO-IB	-297.5016	-1.9129	-5.2419	0.0000	1.8591	11.4015
60	1587	Load Combinations: AASHTO-VBA	-254.1713	-18.7254	-6.7977	0.0000	-1.9579	-10.3625

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
60	1587	Load Combinations: AASHTO-VIIB	-364.0286	-5.8154	-19.8036	0.0000	-19.5912	-3.1194
60	1587	Load Combinations: AASHTO-VIIC	-202.3377	-19.6667	-6.4678	0.0000	-3.4034	-10.2341
60	1587	Load Combinations: AASHTO-VIID	-512.0704	-5.8009	-19.5031	0.0001	-21.1251	-3.0809
60	1587	Load Combinations: AASHTO-I-S	-186.4255	0.4620	-1.2055	0.0000	5.6138	7.7331
60	1587	Load Combinations: AASHTO-II-S	-167.3128	-3.7424	-1.8279	0.0000	2.9048	-1.7302
60	1587	Load Combinations: AASHTO-III-S	-220.4780	-1.5947	-3.9511	0.0000	1.1073	7.0140
60	1587	Load Combinations: AASHTO-VIIA-S	-186.4834	-14.3622	-5.2083	0.0000	-1.5349	-7.8772
60	1587	Load Combinations: AASHTO-VIIB-S	-278.9026	-4.3092	-15.2348	0.0000	-19.1787	-2.3695
61	1587	Load Combinations: AASHTO-I	303.5186	-1.6131	1.8685	0.0000	-8.0574	-20.0068
61	1587	Load Combinations: AASHTO-II	217.5184	4.0752	2.0709	0.0000	-5.8232	2.2909
61	1587	Load Combinations: AASHTO-III	297.5023	1.2162	4.3603	0.0000	-1.8591	-11.4015
61	1587	Load Combinations: AASHTO-VIIA	254.1754	15.6496	5.5188	0.0000	1.9079	10.3625
61	1587	Load Combinations: AASHTO-VIIB	364.0392	4.7085	15.7289	0.0000	19.5912	3.1194
61	1587	Load Combinations: AASHTO-VIIC	202.3418	15.6357	5.2051	0.0000	3.4034	10.2341
61	1587	Load Combinations: AASHTO-VIID	512.0811	4.6803	15.3537	0.0000	21.1251	3.0809
61	1587	Load Combinations: AASHTO-I-S	186.4254	-0.6177	1.1625	0.0000	-5.6138	-7.7331
61	1587	Load Combinations: AASHTO-II-S	167.3131	3.1345	1.5902	0.0000	-2.9048	1.7302
61	1587	Load Combinations: AASHTO-III-S	220.4784	1.0593	3.2770	0.0000	-1.1073	-7.0140
61	1587	Load Combinations: AASHTO-VIIA-S	186.4857	12.0300	4.2270	0.0000	1.5349	7.8772
61	1587	Load Combinations: AASHTO-VIIB-S	278.9089	3.6105	12.0294	0.0000	15.1787	2.3695
61	1588	Load Combinations: AASHTO-I	-307.0473	1.6117	-1.8686	0.0000	7.1858	18.8945
61	1588	Load Combinations: AASHTO-II	-221.0471	-4.0766	-2.0710	0.0000	1.7525	1.7946
61	1588	Load Combinations: AASHTO-III	-301.0309	-1.2177	-4.3617	0.0000	-2.5015	12.6183
61	1588	Load Combinations: AASHTO-VIIA	-257.7040	-15.6843	-5.5207	0.0000	-7.4770	9.5260
61	1588	Load Combinations: AASHTO-VIIB	-367.5679	-4.7108	-15.7364	0.0000	-35.3218	1.5901
61	1588	Load Combinations: AASHTO-VIIC	-204.9682	-15.6392	-5.2047	0.0000	-8.6069	5.4022
61	1588	Load Combinations: AASHTO-VIID	-514.7275	-4.6944	-15.3692	0.0000	-36.4798	1.6124
61	1588	Load Combinations: AASHTO-I-S	-188.1398	0.6174	-1.1624	0.0000	4.4514	7.1156
61	1588	Load Combinations: AASHTO-II-S	-170.0274	-3.1252	-1.5904	0.0000	1.3446	1.3944
61	1588	Load Combinations: AASHTO-III-S	-223.1927	-1.0801	-3.2778	0.0000	-2.1699	8.0737
61	1588	Load Combinations: AASHTO-VIIA-S	-188.2001	-12.0327	-4.2283	0.0000	-5.7623	4.1532
61	1588	Load Combinations: AASHTO-VIIB-S	-282.8232	-3.6114	-12.0308	0.0000	-27.2060	1.2411
62	1588	Load Combinations: AASHTO-I	307.0472	-2.0312	1.7366	0.0000	-7.1858	-18.8945
62	1588	Load Combinations: AASHTO-II	221.0475	3.2599	1.9853	0.0000	-1.7525	-1.7946

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
62	1588	Load Combinations: AASHTO-III	301.0318	0.4105	3.2489	0.0000	2.5015	-12.6183
62	1588	Load Combinations: AASHTO-VIIA	257.7104	11.8465	3.9341	0.0000	7.4770	-9.5260
62	1588	Load Combinations: AASHTO-VIIB	367.5825	3.5564	10.6266	0.0000	35.3218	-1.5901
62	1588	Load Combinations: AASHTO-VIIC	204.9946	11.8017	3.8448	0.0000	8.6069	-5.4022
62	1588	Load Combinations: AASHTO-VIID	514.7401	3.5430	10.2914	0.0000	36.4798	-1.6124
62	1588	Load Combinations: AASHTO-I-S	188.1398	-0.7702	1.0787	0.0000	-4.4514	-7.1156
62	1588	Load Combinations: AASHTO-II-S	170.0276	2.3452	1.2787	0.0000	-1.3446	-1.3944
62	1588	Load Combinations: AASHTO-III-S	223.1932	0.4787	2.4304	0.0000	2.1699	-8.0737
62	1588	Load Combinations: AASHTO-VIIA-S	188.2039	9.0602	3.0121	0.0000	5.7623	-4.1532
62	1588	Load Combinations: AASHTO-VIIB-S	282.8306	2.7255	8.1191	0.0000	27.2060	-1.2411
62	1589	Load Combinations: AASHTO-I	-310.5758	2.0301	-1.7366	0.0000	5.4524	18.9641
62	1589	Load Combinations: AASHTO-II	-224.5761	-3.0612	-1.9857	0.0000	0.0871	4.8549
62	1589	Load Combinations: AASHTO-III	-304.5604	-0.4118	-3.2512	0.0000	-5.7517	13.0294
62	1589	Load Combinations: AASHTO-VIIA	-261.2390	-11.8511	-3.9361	0.0000	-11.4117	12.1758
62	1589	Load Combinations: AASHTO-VIIB	-371.1091	-3.5578	-10.6335	0.0000	-45.9503	5.1467
62	1589	Load Combinations: AASHTO-VIIC	-207.6411	-11.8051	-3.8464	0.0000	-12.2523	17.2047
62	1589	Load Combinations: AASHTO-VIID	-517.3886	-3.5440	-10.2966	0.0000	-46.7726	5.1556
62	1589	Load Combinations: AASHTO-I-S	-200.8541	0.7688	-1.0787	0.0000	3.3728	6.3456
62	1589	Load Combinations: AASHTO-II-S	-172.7420	-2.3460	-1.2788	0.0000	0.0658	3.7399
62	1589	Load Combinations: AASHTO-III-S	-225.9075	-0.4864	-2.4312	0.0000	-4.6005	8.5537
62	1589	Load Combinations: AASHTO-VIIA-S	-200.9182	-9.0829	-3.0153	0.0000	-8.7748	13.2341
62	1589	Load Combinations: AASHTO-VIIB-S	-285.3450	-2.7264	-8.1231	0.0000	-35.3262	3.9868
63	1589	Load Combinations: AASHTO-I	310.5757	-2.3610	1.5404	0.0000	-5.4524	-18.9641
63	1589	Load Combinations: AASHTO-II	224.5796	1.9977	1.2087	0.0000	-0.0871	-4.8549
63	1589	Load Combinations: AASHTO-III	304.5812	-0.3885	2.5472	0.0000	5.7517	-13.0294
63	1589	Load Combinations: AASHTO-VIIA	261.2481	7.9832	2.2450	0.0000	11.4117	-12.1758
63	1589	Load Combinations: AASHTO-VIIB	371.1210	2.3000	5.2818	0.0000	45.9503	-5.1467
63	1589	Load Combinations: AASHTO-VIIC	207.6481	7.8311	1.9927	0.0000	12.2523	-17.2047
63	1589	Load Combinations: AASHTO-VIID	517.3985	2.2904	4.9796	0.0000	46.7726	-5.1556
63	1589	Load Combinations: AASHTO-I-S	200.8541	-0.6898	0.9570	0.0000	-3.3728	-6.3456
63	1589	Load Combinations: AASHTO-II-S	172.7423	1.4998	0.0281	0.0000	-0.0658	-3.7399
63	1589	Load Combinations: AASHTO-III-S	225.9090	-0.1022	1.5159	0.0000	4.6005	-8.5537
63	1589	Load Combinations: AASHTO-VIIA-S	200.9223	5.8717	1.7177	0.0000	8.7748	-13.2341
63	1589	Load Combinations: AASHTO-VIIB-S	285.3520	1.7621	4.0132	0.0000	35.3262	-3.9868

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
63	1590	Load Combinations: AASHTO-I	-314.1044	2.3802	-1.5424	0.0000	5.9102	14.8038
63	1590	Load Combinations: AASHTO-II	-226.1052	-1.9586	-1.2091	0.0000	-1.1217	6.8131
63	1590	Load Combinations: AASHTO-III	-308.0898	0.3874	-2.0485	0.0000	-7.7993	12.6418
63	1590	Load Combinations: AASHTO-VIIA	-264.7747	-7.6675	-2.2488	0.0000	-13.9574	24.8402
63	1590	Load Combinations: AASHTO-VIIB	-374.8497	-2.3013	-5.2580	0.0000	-51.2145	7.4471
63	1590	Load Combinations: AASHTO-VIIC	-210.2945	-7.6343	-1.8841	0.0000	-14.2455	24.8368
63	1590	Load Combinations: AASHTO-VIID	-320.0448	-2.2914	-4.9845	0.0000	-51.7541	7.4462
63	1590	Load Combinations: AASHTO-I-S	-203.5884	0.8896	-0.8570	0.0000	2.4159	5.4560
63	1590	Load Combinations: AASHTO-II-S	-175.4566	-1.5005	-0.9284	0.0000	-0.8623	5.2389
63	1590	Load Combinations: AASHTO-III-S	-228.6223	0.1016	-1.5188	0.0000	-6.1188	8.4018
63	1590	Load Combinations: AASHTO-VIIA-S	-203.4367	-6.8742	-1.7188	0.0000	-10.4929	19.1066
63	1590	Load Combinations: AASHTO-VIIB-S	-266.0663	-1.7626	-4.0188	0.0000	-38.3409	5.7291
64	1590	Load Combinations: AASHTO-I	314.1042	-2.5574	1.3006	0.0000	-3.9102	-14.8038
64	1590	Load Combinations: AASHTO-II	226.1057	0.8779	0.7444	0.0000	1.1217	-6.8131
64	1590	Load Combinations: AASHTO-III	308.0904	-1.0936	0.8723	0.0000	7.7993	-12.6418
64	1590	Load Combinations: AASHTO-VIIA	264.7809	3.5542	0.6222	0.0000	13.9574	-24.8403
64	1590	Load Combinations: AASHTO-VIIB	374.8590	1.0653	0.1868	0.0000	51.2145	-7.4471
64	1590	Load Combinations: AASHTO-VIIC	210.3007	3.5363	0.4145	0.0000	14.2455	-24.8368
64	1590	Load Combinations: AASHTO-VIID	320.0540	1.0589	-0.0340	0.0000	51.7541	-7.4462
64	1590	Load Combinations: AASHTO-I-S	203.5884	-0.9901	0.9062	0.0000	-2.4159	-5.4560
64	1590	Load Combinations: AASHTO-II-S	175.4568	0.6720	0.5718	0.0000	0.8623	-5.2389
64	1590	Load Combinations: AASHTO-III-S	228.6227	-0.6237	0.8246	0.0000	6.1188	-8.4018
64	1590	Load Combinations: AASHTO-VIIA-S	203.8403	2.7315	0.4747	0.0000	10.4929	-19.1066
64	1590	Load Combinations: AASHTO-VIIB-S	266.0718	0.8199	0.1306	0.0000	38.3409	-5.7291
64	1591	Load Combinations: AASHTO-I	-317.6329	2.5568	-1.3006	0.0000	3.8097	12.0471
64	1591	Load Combinations: AASHTO-II	-231.8343	-0.8795	-0.7448	0.0000	-1.8662	7.6914
64	1591	Load Combinations: AASHTO-III	-311.6190	1.0829	-0.8735	0.0000	-8.6721	11.5483
64	1591	Load Combinations: AASHTO-VIIA	-268.3096	-3.5592	-0.6239	0.0000	-14.2804	26.3961
64	1591	Load Combinations: AASHTO-VIIB	-378.1878	-1.0665	-0.1922	0.0000	-51.4039	8.5128
64	1591	Load Combinations: AASHTO-VIIC	-212.9472	-3.5369	-0.4158	0.0000	-14.6606	26.3743
64	1591	Load Combinations: AASHTO-VIID	-322.7004	-1.0608	0.0259	0.0000	-51.7222	8.5084
64	1591	Load Combinations: AASHTO-I-S	-206.2827	0.9599	-0.8062	0.0000	1.8098	4.4961
64	1591	Load Combinations: AASHTO-II-S	-178.1712	-0.6726	-0.5720	0.0000	-1.4342	5.9122
64	1591	Load Combinations: AASHTO-III-S	-231.3370	0.6232	-0.8253	0.0000	-6.7415	7.8284

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
64	1591	Load Combinations: AASHTO-VIIA-S	-206.3547	-2.7239	-0.4758	0.0000	-10.9681	21.8291
64	1591	Load Combinations: AASHTO-VIIB-S	-290.7991	-0.8166	-0.1338	0.0000	-39.4730	6.5453
65	1591	Load Combinations: AASHTO-I	317.6328	-2.6053	1.0306	0.0000	-2.8087	-12.0471
65	1591	Load Combinations: AASHTO-II	231.8346	-0.8903	0.3107	0.0000	1.8662	-7.6914
65	1591	Load Combinations: AASHTO-III	311.6194	-1.6465	-0.1774	0.0000	8.6721	-11.5483
65	1591	Load Combinations: AASHTO-VIIA	268.3143	-0.1456	-0.7996	0.0000	14.2804	-26.3961
65	1591	Load Combinations: AASHTO-VIIB	378.1938	-0.0452	-4.1759	0.0000	51.4039	-8.5128
65	1591	Load Combinations: AASHTO-VIIC	212.9518	-0.1447	-0.8090	0.0000	14.6606	-26.3743
65	1591	Load Combinations: AASHTO-VIID	322.7094	-0.0464	-4.3333	0.0000	51.7222	-8.5084
65	1591	Load Combinations: AASHTO-I-S	206.2827	-0.9746	0.6384	0.0000	-1.8098	-4.4961
65	1591	Load Combinations: AASHTO-II-S	178.1714	-0.0701	0.2389	0.0000	1.4342	-5.9122
65	1591	Load Combinations: AASHTO-III-S	231.3372	-1.0413	-0.1697	0.0000	6.7415	-7.8284
65	1591	Load Combinations: AASHTO-VIIA-S	206.3574	-0.1103	-0.8143	0.0000	10.9681	-21.8291
65	1591	Load Combinations: AASHTO-VIIB-S	290.7997	-0.0349	-3.2083	0.0000	39.4730	-6.5453
65	1592	Load Combinations: AASHTO-I	-321.1614	2.8029	-1.0309	0.0000	1.5791	9.4443
65	1592	Load Combinations: AASHTO-II	-235.1633	0.0893	-0.3110	0.0000	-2.1770	7.6016
65	1592	Load Combinations: AASHTO-III	-315.1481	1.8458	0.1764	0.0000	-8.4952	9.9024
65	1592	Load Combinations: AASHTO-VIIA	-271.8429	0.1371	0.7981	0.0000	-13.4818	28.2573
65	1592	Load Combinations: AASHTO-VIIB	-381.7224	0.0442	4.1712	0.0000	-47.2310	8.4681
65	1592	Load Combinations: AASHTO-VIIC	-215.3983	0.1421	0.8080	0.0000	-13.7022	28.2309
65	1592	Load Combinations: AASHTO-VIID	-325.9529	0.0456	4.3298	0.0000	-47.3911	8.4604
65	1592	Load Combinations: AASHTO-I-S	-208.9970	0.9745	-0.6388	0.0000	0.9714	3.5216
65	1592	Load Combinations: AASHTO-II-S	-180.8857	0.0686	-0.2392	0.0000	-1.6752	5.8423
65	1592	Load Combinations: AASHTO-III-S	-234.0518	1.0409	0.1691	0.0000	-6.5722	6.7974
65	1592	Load Combinations: AASHTO-VIIA-S	-209.0719	0.1062	0.6134	0.0000	-10.3542	21.7188
65	1592	Load Combinations: AASHTO-VIIB-S	-293.5041	0.0342	3.2035	0.0000	-36.2684	6.5107
66	1592	Load Combinations: AASHTO-I	321.1613	-2.5017	0.7548	0.0000	-1.5791	-9.4443
66	1592	Load Combinations: AASHTO-II	235.1635	-0.8780	-0.0610	0.0000	2.1770	-7.6016
66	1592	Load Combinations: AASHTO-III	315.1483	-2.0109	-1.0271	0.0000	8.4952	-9.9024
66	1592	Load Combinations: AASHTO-VIIA	271.8459	-3.1574	-1.8208	0.0000	13.4818	-28.2573
66	1592	Load Combinations: AASHTO-VIIB	381.7295	-6.9617	-7.5226	0.0000	47.2310	-8.4681
66	1592	Load Combinations: AASHTO-VIIC	215.4012	-3.1501	-2.0323	0.0000	13.7022	-28.2309
66	1592	Load Combinations: AASHTO-VIID	325.9559	-6.9494	-7.8203	0.0000	47.3911	-8.4604
66	1592	Load Combinations: AASHTO-I-S	208.9970	-0.9346	0.4671	0.0000	-0.9714	-3.5216

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
66	1582	Load Combinations: AASHTO-B-S	182.6858	-0.6739	-0.0462	0.0000	1.5732	-5.5425
66	1582	Load Combinations: AASHTO-B-S	234.0517	-1.3277	-0.8108	0.0000	6.5722	-6.7674
66	1582	Load Combinations: AASHTO-VBA-S	209.0735	-2.4224	-1.4730	0.0000	10.3542	-21.7199
66	1582	Load Combinations: AASHTO-VBB-S	293.5059	-0.7295	-5.7691	0.0000	36.2984	-6.5107
66	1583	Load Combinations: AASHTO-I	-324.6899	2.5014	-0.7549	0.0000	0.8243	6.9459
66	1583	Load Combinations: AASHTO-II	-238.6821	0.8771	0.0606	0.0000	-2.1162	6.7242
66	1583	Load Combinations: AASHTO-III	-318.6769	3.0103	1.0262	0.0000	-7.4667	7.6620
66	1583	Load Combinations: AASHTO-VBA	-275.3745	3.1543	1.9185	0.0000	-11.5817	25.1017
66	1583	Load Combinations: AASHTO-VBB	-360.2542	0.9507	7.5189	0.0000	-39.7114	7.5170
66	1583	Load Combinations: AASHTO-VBC	-216.2477	5.1477	2.0313	0.0000	-11.6705	25.0823
66	1583	Load Combinations: AASHTO-VBD	-326.0024	0.9487	7.5173	0.0000	-39.7733	7.5114
66	1583	Load Combinations: AASHTO-A-S	-211.7113	0.9346	-0.4672	0.0000	0.5043	2.5871
66	1583	Load Combinations: AASHTO-B-S	-183.6002	0.6734	0.0460	0.0000	-1.5271	5.1667
66	1583	Load Combinations: AASHTO-BI-S	-256.7660	1.3273	0.8103	0.0000	-6.7617	5.4600
66	1583	Load Combinations: AASHTO-VBA-S	-211.7676	3.4206	1.4732	0.0000	-8.8817	19.2985
66	1583	Load Combinations: AASHTO-VBB-S	-294.2202	0.7268	5.7637	0.0000	-30.5042	5.7617
67	1583	Load Combinations: AASHTO-I	324.5899	-2.2671	0.4941	0.0000	-0.8243	-6.9430
67	1583	Load Combinations: AASHTO-II	238.6822	-1.4335	-0.3450	0.0000	2.1162	-6.7242
67	1583	Load Combinations: AASHTO-III	318.6770	-2.1677	-1.0209	0.0000	7.4667	-7.6620
67	1583	Load Combinations: AASHTO-VBA	275.3759	-5.2573	-2.6695	0.0000	11.5817	-25.1017
67	1583	Load Combinations: AASHTO-VBB	360.2551	-1.5939	-9.6431	0.0000	39.7114	-7.5171
67	1583	Load Combinations: AASHTO-VBC	216.2491	-5.2834	-2.7374	0.0000	11.6705	-25.0823
67	1583	Load Combinations: AASHTO-VBD	326.0032	-1.5894	-9.6899	0.0000	39.7733	-7.5114
67	1583	Load Combinations: AASHTO-A-S	211.7113	-0.8457	0.3055	0.0000	-0.5043	-2.5871
67	1583	Load Combinations: AASHTO-B-S	183.6003	-1.0998	-0.2642	0.0000	1.5271	-5.1667
67	1583	Load Combinations: AASHTO-BI-S	256.7661	-1.4670	-1.2570	0.0000	6.7617	-5.4600
67	1583	Load Combinations: AASHTO-VBA-S	211.7667	-4.0631	-2.0467	0.0000	8.8817	-19.2985
67	1583	Load Combinations: AASHTO-VBB-S	294.2208	-1.2217	-7.3891	0.0000	30.5042	-5.7617
67	1584	Load Combinations: AASHTO-I	-328.2186	2.2969	-0.4942	0.0000	0.3302	4.6763
67	1584	Load Combinations: AASHTO-II	-242.2209	1.4328	0.3447	0.0000	-1.7714	5.2911
67	1584	Load Combinations: AASHTO-III	-322.2056	2.1672	1.0202	0.0000	-5.5483	5.7248
67	1584	Load Combinations: AASHTO-VBA	-278.9046	5.2945	2.6684	0.0000	-8.8830	19.8064
67	1584	Load Combinations: AASHTO-VBB	-366.7831	1.5930	9.6306	0.0000	-30.0715	5.9238
67	1584	Load Combinations: AASHTO-VBC	-220.8956	5.2803	2.7366	0.0000	-8.9339	19.8013

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
67	1584	Load Combinations: AASHTO-VBD	-330.6497	1.5898	9.6873	0.0000	-30.0858	5.9225
67	1584	Load Combinations: AASHTO-A-S	-214.4257	0.8456	-0.3055	0.0000	0.1988	1.7415
67	1584	Load Combinations: AASHTO-B-S	-186.3146	1.0994	0.2641	0.0000	-1.3650	4.0692
67	1584	Load Combinations: AASHTO-BI-S	-239.4804	1.4667	1.2565	0.0000	-4.5050	3.9933
67	1584	Load Combinations: AASHTO-VBA-S	-214.5030	4.0615	2.0460	0.0000	-6.8358	15.2366
67	1584	Load Combinations: AASHTO-VBB-S	-298.9351	1.2212	7.3871	0.0000	-23.1189	4.5604
68	1584	Load Combinations: AASHTO-I	328.2184	-1.9185	0.2684	0.0000	-0.3302	-4.6763
68	1584	Load Combinations: AASHTO-II	242.2209	-1.7166	-0.5207	0.0000	1.7714	-5.2911
68	1584	Load Combinations: AASHTO-III	322.2056	-2.1067	-1.9108	0.0000	5.5483	-5.7248
68	1584	Load Combinations: AASHTO-VBA	278.9049	-6.4047	-2.9920	0.0000	8.8830	-19.8064
68	1584	Load Combinations: AASHTO-VBB	366.7831	-1.9247	-10.5850	0.0000	30.0715	-5.9238
68	1584	Load Combinations: AASHTO-VBC	220.8959	-6.3878	-3.0242	0.0000	8.9339	-19.8013
68	1584	Load Combinations: AASHTO-VBD	330.6490	-1.9196	-10.5948	0.0000	30.0858	-5.9225
68	1594	Load Combinations: AASHTO-A-S	214.4257	-0.7148	0.1655	0.0000	-0.1988	-1.7415
68	1594	Load Combinations: AASHTO-B-S	186.3146	-1.3173	-0.3963	0.0000	1.3650	-4.0692
68	1594	Load Combinations: AASHTO-BI-S	239.4804	-1.4488	-1.4751	0.0000	4.5050	-3.9933
68	1594	Load Combinations: AASHTO-VBA-S	214.5032	-4.8139	-2.2944	0.0000	6.8358	-15.2366
68	1594	Load Combinations: AASHTO-VBB-S	298.9348	-1.4791	-7.9597	0.0000	23.1189	-4.5604
69	1595	Load Combinations: AASHTO-I	-331.7471	1.9184	-0.2685	0.0000	0.0618	2.7592
69	1595	Load Combinations: AASHTO-II	-245.7495	1.7161	0.5204	0.0000	-1.2509	3.5748
69	1595	Load Combinations: AASHTO-III	-325.7342	2.1063	1.9151	0.0000	-3.9331	3.8186
69	1595	Load Combinations: AASHTO-VBA	-282.4535	6.4023	2.9913	0.0000	-6.9018	13.4238
69	1595	Load Combinations: AASHTO-VBB	-992.3119	1.9239	10.3820	0.0000	-19.6895	3.8998
69	1595	Load Combinations: AASHTO-VBC	-223.5424	6.3960	3.0235	0.0000	-6.9102	13.4150
69	1595	Load Combinations: AASHTO-VBD	-333.2995	1.9190	10.3923	0.0000	-19.6937	4.0035
69	1595	Load Combinations: AASHTO-A-S	-217.1490	0.7148	-0.1656	0.0000	0.0552	1.0298
69	1595	Load Combinations: AASHTO-B-S	-189.0299	1.3170	0.3962	0.0000	-0.9696	2.7521
69	1595	Load Combinations: AASHTO-BI-S	-242.1947	1.4486	1.4757	0.0000	-3.0293	2.5407
69	1595	Load Combinations: AASHTO-VBA-S	-217.2176	4.8124	2.2938	0.0000	-4.5418	10.3238
69	1595	Load Combinations: AASHTO-VBB-S	-301.8491	1.4788	7.9579	0.0000	-15.1589	3.0947
69	1595	Load Combinations: AASHTO-I	331.7470	-1.4739	0.0957	0.0000	-0.0618	-2.7592
69	1595	Load Combinations: AASHTO-II	245.7495	-1.6922	-0.5095	0.0000	1.2508	-3.5748
69	1595	Load Combinations: AASHTO-III	325.7341	-1.8195	-1.8735	0.0000	3.9331	-3.8186
69	1595	Load Combinations: AASHTO-VBA	282.4530	-6.3423	-2.9409	0.0000	6.9018	-13.4238

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
69	1595	Load Combinations: AASHTO-VIIB	392.3103	-1.9024	-9.8150	0.0000	19.6895	-3.9898
69	1595	Load Combinations: AASHTO-VIIC	223.5416	-6.3301	-2.8485	0.0000	5.9102	-13.4150
69	1595	Load Combinations: AASHTO-VIID	333.2540	-1.8088	-9.8052	0.0000	19.6937	-4.0035
69	1595	Load Combinations: AASHTO-I-S	217.1400	-0.5486	0.0583	0.0000	-0.0332	-1.0268
69	1595	Load Combinations: AASHTO-II-S	189.0289	-1.2960	-0.4379	0.0000	0.9636	-2.7521
69	1595	Load Combinations: AASHTO-III-S	242.1647	-1.2685	-1.4397	0.0000	3.0293	-2.9437
69	1595	Load Combinations: AASHTO-VIIA-S	217.2173	-4.8701	-2.1602	0.0000	4.5416	-10.3238
69	1595	Load Combinations: AASHTO-VIIB-S	301.5483	-1.4609	-7.3798	0.0000	15.1589	-3.0847
69	1596	Load Combinations: AASHTO-I	-335.2757	1.4738	-0.0958	0.0000	-0.0340	1.2843
69	1596	Load Combinations: AASHTO-II	-249.2761	1.6919	0.5892	0.0000	-0.6816	1.6831
69	1596	Load Combinations: AASHTO-III	-329.2827	1.8181	1.8729	0.0000	-2.0601	1.7995
69	1596	Load Combinations: AASHTO-VIIA	-285.9618	6.3400	2.8400	0.0000	-3.0617	7.0631
69	1596	Load Combinations: AASHTO-VIIB	-395.8388	1.9018	9.8122	0.0000	-10.0773	2.0960
69	1596	Load Combinations: AASHTO-VIIC	-226.1883	6.5284	2.8478	0.0000	-3.0823	7.0963
69	1596	Load Combinations: AASHTO-VIID	-335.8405	1.8963	9.8032	0.0000	-10.0907	2.1052
69	1596	Load Combinations: AASHTO-I-S	-219.8543	0.5486	-0.0583	0.0000	-0.0259	0.4782
69	1596	Load Combinations: AASHTO-II-S	-191.7433	1.2960	0.4371	0.0000	-0.5266	1.4530
69	1596	Load Combinations: AASHTO-III-S	-244.9090	1.2683	1.4393	0.0000	-1.5899	1.2754
69	1596	Load Combinations: AASHTO-VIIA-S	-219.9316	4.8687	2.1796	0.0000	-2.3618	5.4548
69	1596	Load Combinations: AASHTO-VIIB-S	-304.3626	1.4605	7.3759	0.0000	-7.7839	1.6242
70	1596	Load Combinations: AASHTO-I	335.2757	-0.9456	-0.0077	0.0000	0.0340	-1.2843
70	1596	Load Combinations: AASHTO-II	249.2760	-1.3221	-0.4727	0.0000	0.6816	-1.6831
70	1596	Load Combinations: AASHTO-III	329.2826	-1.2932	-1.4535	0.0000	2.0601	-1.7995
70	1596	Load Combinations: AASHTO-VIIA	285.9604	-4.9649	-2.1844	0.0000	3.0617	-7.0631
70	1596	Load Combinations: AASHTO-VIIB	395.8366	-1.4833	-7.1831	0.0000	10.0773	-2.0960
70	1596	Load Combinations: AASHTO-VIIC	226.1871	-4.9654	-2.1614	0.0000	3.0823	-7.0963
70	1596	Load Combinations: AASHTO-VIID	335.8383	-1.4836	-7.1758	0.0000	10.0907	-2.1052
70	1596	Load Combinations: AASHTO-I-S	219.8543	-0.3519	-0.0063	0.0000	0.0259	-0.4782
70	1596	Load Combinations: AASHTO-II-S	191.7432	-1.0171	-0.3639	0.0000	0.5266	-1.4530
70	1596	Load Combinations: AASHTO-III-S	244.9089	-0.9122	-1.1176	0.0000	1.5899	-1.2754
70	1596	Load Combinations: AASHTO-VIIA-S	219.9309	-3.8210	-1.6844	0.0000	2.3618	-5.4548
70	1596	Load Combinations: AASHTO-VIIB-S	304.3613	-1.1427	-5.5257	0.0000	7.7839	-1.6242
70	1597	Load Combinations: AASHTO-I	-338.9043	0.9455	0.0078	0.0000	-0.0263	0.3389
70	1597	Load Combinations: AASHTO-II	-252.9067	1.3215	0.4734	0.0000	-0.2091	0.5614

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
70	1597	Load Combinations: AASHTO-III	-332.7912	1.2929	1.4529	0.0000	-0.6070	0.5066
70	1597	Load Combinations: AASHTO-VIIA	-289.4690	4.9429	2.1635	0.0000	-0.8980	2.0997
70	1597	Load Combinations: AASHTO-VIIB	-399.3653	1.4827	7.1805	0.0000	-2.9965	0.6152
70	1597	Load Combinations: AASHTO-VIIC	-228.8336	4.9639	2.1809	0.0000	-0.9014	2.1221
70	1597	Load Combinations: AASHTO-VIID	-338.5847	1.4830	7.1737	0.0000	-2.9169	0.6221
70	1597	Load Combinations: AASHTO-I-S	-222.5667	0.3519	0.0063	0.0000	-0.0187	0.1263
70	1597	Load Combinations: AASHTO-II-S	-194.4576	1.0169	0.3637	0.0000	-0.1628	0.4362
70	1597	Load Combinations: AASHTO-III-S	-247.6232	0.9118	1.1171	0.0000	-0.4727	0.3838
70	1597	Load Combinations: AASHTO-VIIA-S	-222.9452	3.8196	1.6839	0.0000	-0.6979	1.6347
70	1597	Load Combinations: AASHTO-VIIB-S	-307.0756	1.1423	5.5242	0.0000	-2.2596	0.4818
71	1597	Load Combinations: AASHTO-I	338.9043	-0.3390	-0.0264	0.0000	0.0263	-0.3389
71	1597	Load Combinations: AASHTO-II	252.9065	-0.5617	-0.2060	0.0000	0.2091	-0.3614
71	1597	Load Combinations: AASHTO-III	332.7910	-0.5268	-0.8074	0.0000	0.6070	-0.5066
71	1597	Load Combinations: AASHTO-VIIA	289.4670	-2.1010	-0.8985	0.0000	0.8980	-2.0997
71	1597	Load Combinations: AASHTO-VIIB	399.3619	-0.6156	-2.9962	0.0000	2.9965	-0.6152
71	1597	Load Combinations: AASHTO-VIIC	228.8316	-2.1231	-0.9018	0.0000	0.9014	-2.1221
71	1597	Load Combinations: AASHTO-VIID	338.5815	-0.6224	-2.9182	0.0000	2.9169	-0.6221
71	1597	Load Combinations: AASHTO-I-S	222.5667	-0.1264	-0.0188	0.0000	0.0187	-0.1263
71	1597	Load Combinations: AASHTO-II-S	194.4575	-0.4364	-0.1628	0.0000	0.1628	-0.4362
71	1597	Load Combinations: AASHTO-III-S	247.6231	-0.3839	-0.4729	0.0000	0.4727	-0.3838
71	1597	Load Combinations: AASHTO-VIIA-S	222.9440	-1.6355	-0.6982	0.0000	0.6979	-1.6347
71	1597	Load Combinations: AASHTO-VIIB-S	307.0737	-0.4821	-2.2606	0.0000	2.2596	-0.4818
71	1598	Load Combinations: AASHTO-I	-342.5529	0.3389	0.0262	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-II	-256.3352	0.5612	0.2090	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-III	-336.2196	0.5265	0.8068	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIIA	-293.0139	2.0985	0.8977	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIIB	-402.8906	0.6152	2.9957	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIIC	-231.4780	2.1215	0.9012	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIID	-341.2378	0.6219	2.9163	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-I-S	-225.2836	0.1264	0.0187	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-II-S	-197.1718	0.4360	0.1628	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-III-S	-250.3375	0.3836	0.4726	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIIA-S	-225.3593	1.6343	0.6977	0.0000	0.0000	0.0000
71	1598	Load Combinations: AASHTO-VIIB-S	-309.7660	0.4817	2.2591	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
72	1439	Load Combinations: AASHTO-I	296.4614	-0.8770	-1.9441	0.0000	12.9352	-22.6692
72	1439	Load Combinations: AASHTO-II	189.8542	5.3382	0.1113	0.0000	7.3647	12.4962
72	1439	Load Combinations: AASHTO-III	225.2095	2.5468	2.4269	0.0000	9.1450	-7.1229
72	1439	Load Combinations: AASHTO-VIIA	152.9093	20.4544	5.0862	-0.0001	3.7647	49.5071
72	1439	Load Combinations: AASHTO-VIIB	43.0507	6.1306	19.7370	-0.0001	-5.9788	14.8444
72	1439	Load Combinations: AASHTO-VIIC	102.9788	20.3989	5.3091	-0.0001	1.8751	49.2981
72	1439	Load Combinations: AASHTO-VIID	-6.7866	6.1231	19.9343	-0.0001	-7.6583	14.7719
72	1439	Load Combinations: AASHTO-I-E	189.9868	-0.3502	-1.2146	0.0000	8.0336	-8.3452
72	1439	Load Combinations: AASHTO-II-E	145.8956	4.0957	0.0777	0.0000	5.8853	8.5967
72	1439	Load Combinations: AASHTO-III-E	164.0097	1.8605	1.9032	0.0000	6.9871	-5.5902
72	1439	Load Combinations: AASHTO-VIIA-E	117.6887	15.6546	3.8911	-0.0001	2.9819	37.9131
72	1439	Load Combinations: AASHTO-VIIB-E	33.2511	4.7102	15.1235	0.0000	-4.4117	11.3683
72	1599	Load Combinations: AASHTO-I	-299.9601	0.8751	1.9437	0.0000	-10.9919	21.7932
72	1599	Load Combinations: AASHTO-II	-193.1829	-5.3365	-0.1121	0.0000	-7.4764	-7.1578
72	1599	Load Combinations: AASHTO-III	-228.7341	-2.5486	-2.4269	0.0000	-11.5726	9.4704
72	1599	Load Combinations: AASHTO-VIIA	-156.4679	-20.4585	-5.0918	0.0001	-6.8749	-29.0518
72	1599	Load Combinations: AASHTO-VIIB	-46.5793	-6.1406	-19.7452	0.0001	-13.7020	-8.7043
72	1599	Load Combinations: AASHTO-VIIC	-105.6234	-20.4029	-5.3610	0.0001	-7.2349	-28.8655
72	1599	Load Combinations: AASHTO-VIID	4.1401	-6.1240	-19.9404	0.0001	-12.2791	-8.6483
72	1599	Load Combinations: AASHTO-I-E	-192.7112	0.3496	1.2143	0.0000	-8.8182	8.1953
72	1599	Load Combinations: AASHTO-II-E	-148.0098	-4.0964	-0.0781	0.0000	-5.7932	-5.4709
72	1599	Load Combinations: AASHTO-III-E	-167.6540	-1.8614	-1.9044	0.0000	-6.5908	5.4510
72	1599	Load Combinations: AASHTO-VIIA-E	-120.4030	-15.6970	-3.8926	0.0001	-6.8736	-22.2180
72	1599	Load Combinations: AASHTO-VIIB-E	-35.9654	-4.7110	-15.1274	0.0000	-10.7131	-6.6567
73	1599	Load Combinations: AASHTO-I	299.9600	-1.1674	-1.9345	0.0000	10.9915	-21.7932
73	1599	Load Combinations: AASHTO-II	193.1828	4.8784	-0.0398	0.0000	7.4764	7.1578
73	1599	Load Combinations: AASHTO-III	228.7346	1.9115	1.9437	0.0000	11.5726	-9.4704
73	1599	Load Combinations: AASHTO-VIIA	156.4684	18.7186	4.3621	-0.0001	6.8750	29.0518
73	1599	Load Combinations: AASHTO-VIIB	46.5960	5.6147	17.2960	-0.0001	13.7020	8.7043
73	1599	Load Combinations: AASHTO-VIIC	105.6239	18.6908	4.8322	-0.0001	7.2349	28.8655
73	1599	Load Combinations: AASHTO-VIID	-4.1336	5.5973	17.4968	-0.0001	12.2791	8.6483
73	1599	Load Combinations: AASHTO-I-E	192.7111	-0.4625	-1.2256	0.0000	8.8182	-8.1953
73	1599	Load Combinations: AASHTO-II-E	148.6099	3.7415	-0.0396	0.0000	5.7932	5.4709
73	1599	Load Combinations: AASHTO-III-E	167.6544	1.5539	1.5342	0.0000	6.5908	-5.4510

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
73	1599	Load Combinations: AASHTO-VIIA-E	120.4033	14.3581	3.3336	0.0000	6.8736	22.2180
73	1599	Load Combinations: AASHTO-VIIB-E	35.9654	4.3069	13.2463	0.0000	10.7131	6.6567
73	1600	Load Combinations: AASHTO-I	-303.5197	1.1858	1.9342	0.0000	-9.0574	20.6069
73	1600	Load Combinations: AASHTO-II	-196.7115	-4.8796	0.0391	0.0000	-7.4360	-2.2792
73	1600	Load Combinations: AASHTO-III	-232.2634	-1.9131	-1.9456	0.0000	-13.5172	11.3825
73	1600	Load Combinations: AASHTO-VIIA	-159.9671	-18.7231	-4.3646	0.0001	-13.2380	-10.3321
73	1600	Load Combinations: AASHTO-VIIB	-50.1147	-5.6161	-17.3040	0.0001	-31.0617	-3.0890
73	1600	Load Combinations: AASHTO-VIIC	-108.2704	-18.6642	-4.8340	0.0001	-11.8678	-10.2038
73	1600	Load Combinations: AASHTO-VIID	1.4871	-5.5963	-17.5028	0.0001	-29.7789	-3.0505
73	1600	Load Combinations: AASHTO-I-E	-195.4255	0.4629	1.2005	0.0000	-8.6136	7.7331
73	1600	Load Combinations: AASHTO-II-E	-151.3243	-3.7423	0.0392	0.0000	-6.7269	-1.7292
73	1600	Load Combinations: AASHTO-III-E	-170.3687	-1.5548	-1.5353	0.0000	-10.1255	7.0053
73	1600	Load Combinations: AASHTO-VIIA-E	-123.1177	-14.5857	-3.3551	0.0000	-10.2078	-7.8589
73	1600	Load Combinations: AASHTO-VIIB-E	-36.8837	-4.3077	-13.2531	0.0000	-23.9636	-2.3515
74	1600	Load Combinations: AASHTO-I	303.5196	-1.8131	-1.9888	0.0000	9.0574	-20.6069
74	1600	Load Combinations: AASHTO-II	196.7117	4.0748	-0.2008	0.0000	7.4360	2.2792
74	1600	Load Combinations: AASHTO-III	232.2643	1.2182	1.1788	0.0000	13.5172	-11.3825
74	1600	Load Combinations: AASHTO-VIIA	160.0013	15.6822	3.1740	-0.0001	13.2380	10.3321
74	1600	Load Combinations: AASHTO-VIIB	50.1259	4.7025	13.2462	-0.0001	31.0617	3.0890
74	1600	Load Combinations: AASHTO-VIIC	108.2746	15.6262	5.4982	-0.0001	11.8678	10.2038
74	1600	Load Combinations: AASHTO-VIID	-1.4760	4.6858	13.4907	-0.0001	29.7789	3.0505
74	1600	Load Combinations: AASHTO-I-E	195.4254	-0.6177	-1.1625	0.0000	8.6136	-7.7331
74	1600	Load Combinations: AASHTO-II-E	151.3244	3.1342	-0.2009	0.0000	6.7269	1.7292
74	1600	Load Combinations: AASHTO-III-E	170.3692	1.0602	0.9481	0.0000	10.1255	-7.0053
74	1600	Load Combinations: AASHTO-VIIA-E	123.1202	12.0255	2.4231	0.0000	10.2078	7.8589
74	1600	Load Combinations: AASHTO-VIIB-E	36.8903	3.6061	10.1408	0.0000	23.9636	2.3515
74	1601	Load Combinations: AASHTO-I	-307.0473	1.8117	1.8686	0.0000	-7.1668	18.3945
74	1601	Load Combinations: AASHTO-II	-200.2494	-4.8760	0.2602	0.0000	-7.1773	1.7959
74	1601	Load Combinations: AASHTO-III	-235.7029	-1.2197	-1.1805	0.0000	-14.6967	12.6013
74	1601	Load Combinations: AASHTO-VIIA	-163.5300	-15.6868	-3.1783	0.0001	-16.4130	9.3515
74	1601	Load Combinations: AASHTO-VIIB	-53.6545	-4.7034	-13.2539	0.0001	-44.3115	1.6137
74	1601	Load Combinations: AASHTO-VIIC	-110.9211	-15.6316	-3.6400	0.0001	-15.3068	9.4055
74	1601	Load Combinations: AASHTO-VIID	-1.1705	-4.6868	-13.4964	0.0001	-45.2325	1.6358
74	1601	Load Combinations: AASHTO-I-E	-199.1386	0.6174	1.1624	0.0000	-4.4514	7.1156

LARSA 4D

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
74	1601	Load Combinations: AASHTO-B-S	-104.0388	-3.1248	0.2058	0.0000	-5.5211	1.3951
74	1601	Load Combinations: AASHTO-B-S	-173.0835	-1.0928	-0.9490	0.0000	-11.0739	8.0656
74	1601	Load Combinations: AASHTO-VBA-S	-125.8345	-12.0282	-2.4245	0.0000	-12.6315	4.1670
74	1601	Load Combinations: AASHTO-VBB-S	-41.4047	-5.8089	-10.1403	0.0000	-34.1066	1.2549
75	1601	Load Combinations: AASHTO-I	307.0472	-2.0312	-1.7398	0.0000	7.1888	-16.8945
75	1601	Load Combinations: AASHTO-E	200.2408	3.0595	-0.4982	0.0000	7.1775	-1.7959
75	1601	Load Combinations: AASHTO-IB	235.7837	0.4139	0.2968	0.0000	14.6867	-12.6013
75	1601	Load Combinations: AASHTO-VBA	163.5363	11.8394	1.7614	-0.0001	16.4130	-5.3515
75	1601	Load Combinations: AASHTO-VBB	53.9671	5.5483	9.3583	0.0000	44.3110	-1.8137
75	1601	Load Combinations: AASHTO-VBC	110.8275	11.7945	2.0113	0.0000	15.3068	-5.4255
75	1601	Load Combinations: AASHTO-VBD	1.1830	3.9358	8.5824	0.0000	43.2325	-1.8358
75	1601	Load Combinations: AASHTO-I-S	199.1398	-0.7702	-1.8767	0.0000	4.4614	-7.1156
75	1601	Load Combinations: AASHTO-B-S	154.0390	2.3450	-0.3670	0.0000	5.5211	-1.3951
75	1601	Load Combinations: AASHTO-IB-S	173.0839	0.4812	0.2703	0.0000	11.0739	-8.0656
75	1601	Load Combinations: AASHTO-VBA-S	125.8383	8.0760	1.3410	0.0000	12.6315	-4.1670
75	1601	Load Combinations: AASHTO-VBB-S	41.4121	2.7213	6.3915	0.0000	34.1066	-1.2549
75	1602	Load Combinations: AASHTO-I	-310.5758	2.0301	1.7366	0.0000	-5.4524	16.8641
75	1602	Load Combinations: AASHTO-E	-203.7694	-3.0607	0.4977	0.0000	-8.6799	4.8558
75	1602	Load Combinations: AASHTO-IB	-239.3223	-0.4151	-0.2981	0.0000	-14.8940	13.0158
75	1602	Load Combinations: AASHTO-VBA	-167.0850	-11.8440	-1.7635	0.0001	-16.1703	17.1925
75	1602	Load Combinations: AASHTO-VBB	-57.1957	-5.5507	-8.3653	0.0000	-52.6731	5.1636
75	1602	Load Combinations: AASHTO-VBC	-113.5739	-11.7979	-2.0129	0.0000	-17.3188	17.2213
75	1602	Load Combinations: AASHTO-VBD	-3.8294	-3.9368	-8.5878	0.0000	-51.7975	5.1721
75	1602	Load Combinations: AASHTO-I-S	-200.8541	0.7699	1.0787	0.0000	-3.3728	6.3456
75	1602	Load Combinations: AASHTO-B-S	-156.7533	-2.3457	0.3967	0.0000	-5.1343	3.7404
75	1602	Load Combinations: AASHTO-IB-S	-175.7983	-0.4819	-0.2712	0.0000	-11.3447	8.5473
75	1602	Load Combinations: AASHTO-VBA-S	-126.5528	-8.0787	-1.3423	0.0000	-13.9731	13.2439
75	1602	Load Combinations: AASHTO-VBB-S	-44.1264	-2.7231	-6.3956	0.0000	-40.4868	3.8766
76	1602	Load Combinations: AASHTO-I	310.5757	-2.0610	-1.5424	0.0000	5.4524	-16.8641
76	1602	Load Combinations: AASHTO-E	203.7698	1.9576	-0.7106	0.0000	8.6796	-4.8558
76	1602	Load Combinations: AASHTO-IB	239.3229	-0.3842	-0.5729	0.0000	14.8940	-13.0158
76	1602	Load Combinations: AASHTO-VBA	167.0718	7.8601	0.5211	0.0000	16.1703	-17.1925
76	1602	Load Combinations: AASHTO-VBB	57.2065	2.2969	3.2915	0.0000	52.6731	-5.1636
76	1602	Load Combinations: AASHTO-VBC	113.5807	7.8279	0.5479	0.0000	17.3188	-17.2213

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
76	1602	Load Combinations: AASHTO-VBD	3.8407	2.2872	3.4887	0.0000	51.7975	-5.1721
76	1602	Load Combinations: AASHTO-I-S	200.8541	-0.8698	-0.9670	0.0000	3.3728	-6.3456
76	1602	Load Combinations: AASHTO-B-S	156.7536	1.4987	-0.5466	0.0000	5.1343	-3.7404
76	1602	Load Combinations: AASHTO-IB-S	175.7986	-0.1302	-0.3993	0.0000	11.3447	-8.5473
76	1602	Load Combinations: AASHTO-VBA-S	126.5588	5.8699	0.2390	0.0000	13.9731	-13.2439
76	1602	Load Combinations: AASHTO-VBB-S	44.1330	1.7603	2.5061	0.0000	40.4868	-3.8766
76	1603	Load Combinations: AASHTO-I	-314.1044	2.3652	1.5424	0.0000	-5.9102	14.8058
76	1603	Load Combinations: AASHTO-E	-207.2985	-1.9587	0.7103	0.0000	-8.9682	6.8137
76	1603	Load Combinations: AASHTO-IB	-242.8515	0.3831	0.5716	0.0000	-14.4218	12.6323
76	1603	Load Combinations: AASHTO-VBA	-170.6004	-7.8644	-0.3229	0.0000	-16.4973	24.8543
76	1603	Load Combinations: AASHTO-VBB	-60.7395	-2.2982	-3.2977	0.0000	-55.9677	7.4811
76	1603	Load Combinations: AASHTO-VBC	-116.2272	-7.8312	-0.5490	0.0000	-17.8873	24.8505
76	1603	Load Combinations: AASHTO-VBD	-6.4872	-2.2882	-3.4933	0.0000	-55.2889	7.4599
76	1603	Load Combinations: AASHTO-I-S	-203.5684	0.8696	0.9570	0.0000	-2.4159	5.4560
76	1603	Load Combinations: AASHTO-B-S	-159.4679	-1.5004	0.5467	0.0000	-4.5856	5.2403
76	1603	Load Combinations: AASHTO-IB-S	-178.5129	0.0986	0.3986	0.0000	-10.9457	8.4474
76	1603	Load Combinations: AASHTO-VBA-S	-131.2710	-5.8723	-0.2391	0.0000	-14.2117	19.1147
76	1603	Load Combinations: AASHTO-VBB-S	-46.8473	-1.7610	-2.5067	0.0000	-49.0079	5.7372
77	1603	Load Combinations: AASHTO-I	314.1042	-2.5574	-1.3006	0.0000	3.9102	-14.6038
77	1603	Load Combinations: AASHTO-E	207.2988	0.8781	-0.8724	0.0000	5.9692	-6.8137
77	1603	Load Combinations: AASHTO-IB	242.8519	-1.0891	-1.3342	0.0000	14.4218	-12.6322
77	1603	Load Combinations: AASHTO-VBA	170.6064	9.5570	-0.9946	0.0000	16.4873	-24.8543
77	1603	Load Combinations: AASHTO-VBB	60.7439	1.2680	-1.4261	0.0000	55.9676	-7.4811
77	1603	Load Combinations: AASHTO-VBC	116.2332	5.5395	-0.7981	0.0000	17.8673	-24.8505
77	1603	Load Combinations: AASHTO-VBD	6.4956	1.2626	-1.2448	0.0000	55.2889	-7.4599
77	1603	Load Combinations: AASHTO-I-S	203.5684	-0.9401	-0.8082	0.0000	2.4159	-5.4560
77	1603	Load Combinations: AASHTO-B-S	159.4681	0.6721	-0.6720	0.0000	4.5856	-5.2403
77	1603	Load Combinations: AASHTO-IB-S	178.5131	-0.8214	-0.9876	0.0000	10.9457	-8.4474
77	1603	Load Combinations: AASHTO-VBA-S	131.2746	2.7231	-0.7691	0.0000	14.2117	-19.1147
77	1603	Load Combinations: AASHTO-VBB-S	46.8523	0.8175	-1.1120	0.0000	49.0078	-5.7372
77	1604	Load Combinations: AASHTO-I	-317.4529	2.5568	1.3006	0.0000	-2.6067	12.0471
77	1604	Load Combinations: AASHTO-E	-210.8275	-0.8782	0.8731	0.0000	-5.0970	7.6823
77	1604	Load Combinations: AASHTO-IB	-246.3805	1.0882	1.3332	0.0000	-13.0882	11.5436
77	1604	Load Combinations: AASHTO-VBA	-174.1350	-3.5609	0.9930	0.0000	-17.5036	28.4130

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
77	1604	Load Combinations: AASHTO-VBB	-64.2728	-1.0692	1.4227	0.0000	-54.5423	8.5297
77	1604	Load Combinations: AASHTO-VBC	-118.8797	-5.5419	5.7969	0.0000	-17.0699	28.3908
77	1604	Load Combinations: AASHTO-VBD	-8.1421	-1.0635	1.2408	0.0000	-54.0457	8.5229
77	1604	Load Combinations: AASHTO-II-S	-206.2827	0.6699	0.8062	0.0000	-1.6099	4.4961
77	1604	Load Combinations: AASHTO-III-S	-162.1825	-0.6727	0.6718	0.0000	-3.9138	5.9127
77	1604	Load Combinations: AASHTO-IB-S	-181.2275	0.5209	0.9670	0.0000	-9.9585	7.8263
77	1604	Load Combinations: AASHTO-VBA-S	-133.9858	-2.7254	5.7681	0.0000	-13.4431	21.8389
77	1604	Load Combinations: AASHTO-VBB-S	-69.5666	-0.8182	1.1089	0.0000	-41.8973	6.5050
78	1604	Load Combinations: AASHTO-I	317.5328	-2.6030	-1.0308	0.0000	2.0097	-12.0471
78	1604	Load Combinations: AASHTO-II	216.5275	-0.6697	-0.9697	0.0000	5.0970	-7.8825
78	1604	Load Combinations: AASHTO-III	246.3606	-1.8419	-1.5238	0.0000	15.0882	-11.5436
78	1604	Load Combinations: AASHTO-VBA	174.1394	-0.1320	-2.0761	0.0000	17.0036	-28.4130
78	1604	Load Combinations: AASHTO-VBB	94.2779	-0.0366	-5.4190	0.0000	54.5423	-8.5297
78	1604	Load Combinations: AASHTO-VBC	118.8841	-0.1362	-1.9151	0.0000	17.0699	-28.3908
78	1604	Load Combinations: AASHTO-VBD	8.1474	-0.0379	-5.2472	0.0000	54.0457	-8.5229
78	1604	Load Combinations: AASHTO-II-S	206.2827	-0.6746	-0.6364	0.0000	1.6099	-4.4961
78	1604	Load Combinations: AASHTO-III-S	162.1826	-0.0699	-0.7457	0.0000	3.9138	-5.9127
78	1604	Load Combinations: AASHTO-IB-S	181.2276	-1.0390	-1.4454	0.0000	9.9585	-7.8263
78	1604	Load Combinations: AASHTO-VBA-S	133.9914	-0.1053	-1.5998	0.0000	13.4431	-21.8389
78	1604	Load Combinations: AASHTO-VBB-S	69.5696	-0.0298	-4.1636	0.0000	41.8973	-6.5050
78	1605	Load Combinations: AASHTO-I	-321.1614	2.6029	1.0309	0.0000	-1.5791	9.4443
78	1605	Load Combinations: AASHTO-II	-214.5584	0.0888	0.9695	0.0000	-4.1275	7.6030
78	1605	Load Combinations: AASHTO-III	-249.9093	1.8411	1.9229	0.0000	-11.1851	9.9023
78	1605	Load Combinations: AASHTO-VBA	-177.8881	0.1285	2.0749	0.0000	-15.4283	28.2829
78	1605	Load Combinations: AASHTO-VBB	-87.9264	0.0356	5.4054	0.0000	-49.1347	8.4936
78	1605	Load Combinations: AASHTO-VBC	-121.5309	0.1339	1.9141	0.0000	-15.1554	28.2559
78	1605	Load Combinations: AASHTO-VBD	-11.7696	0.0371	5.2438	0.0000	-48.8002	8.4854
78	1605	Load Combinations: AASHTO-II-S	-208.9670	0.6745	0.6365	0.0000	-0.9714	3.5216
78	1605	Load Combinations: AASHTO-III-S	-164.8670	0.0693	0.7455	0.0000	-3.1882	5.8431
78	1605	Load Combinations: AASHTO-IB-S	-183.9419	1.0388	1.4449	0.0000	-8.5135	6.7876
78	1605	Load Combinations: AASHTO-VBA-S	-136.7057	0.1052	1.5859	0.0000	-11.8469	21.7347
78	1605	Load Combinations: AASHTO-VBB-S	-52.2840	0.0260	4.1609	0.0000	-37.7351	6.5255
79	1605	Load Combinations: AASHTO-I	321.1613	-2.5017	-0.7546	0.0000	1.5791	-9.4443
79	1605	Load Combinations: AASHTO-II	214.3596	-0.8772	-0.9977	0.0000	4.1275	-7.6030

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
79	1605	Load Combinations: AASHTO-III	249.9093	-2.0088	-2.3038	0.0000	11.1851	-9.9023
79	1605	Load Combinations: AASHTO-VBA	177.8758	-0.1448	-2.8511	0.0000	15.4283	-28.2829
79	1605	Load Combinations: AASHTO-VBB	87.9088	-0.0390	-6.5839	0.0000	49.1347	-8.4936
79	1605	Load Combinations: AASHTO-VBC	121.5333	-0.1375	-2.7279	0.0000	15.1554	-28.2559
79	1605	Load Combinations: AASHTO-VBD	11.7963	-0.0369	-6.2472	0.0000	48.8002	-8.4854
79	1605	Load Combinations: AASHTO-II-S	208.9670	-0.6346	-0.4671	0.0000	0.9714	-3.5216
79	1605	Load Combinations: AASHTO-III-S	164.8671	-0.6734	-0.7664	0.0000	3.1682	-5.8431
79	1605	Load Combinations: AASHTO-IB-S	183.9419	-1.3259	-1.7432	0.0000	8.5135	-6.7876
79	1605	Load Combinations: AASHTO-VBA-S	136.7073	-2.4100	-2.1894	0.0000	11.8469	-21.7347
79	1605	Load Combinations: AASHTO-VBB-S	52.2954	-0.7219	-6.4419	0.0000	37.7351	-6.5255
79	1606	Load Combinations: AASHTO-I	-324.6899	2.9014	0.7549	0.0000	-0.8243	6.9430
79	1606	Load Combinations: AASHTO-II	-217.5852	0.8764	0.9976	0.0000	-3.1299	6.7263
79	1606	Load Combinations: AASHTO-III	-253.4378	2.0062	2.3001	0.0000	-8.8419	7.8960
79	1606	Load Combinations: AASHTO-VBA	-181.1994	3.1417	2.8500	0.0000	-12.5779	25.1367
79	1606	Load Combinations: AASHTO-VBB	-71.3374	0.9361	8.3801	0.0000	-40.7529	7.5051
79	1606	Load Combinations: AASHTO-VBC	-124.1798	3.1352	2.7271	0.0000	-12.4280	25.1197
79	1606	Load Combinations: AASHTO-VBD	-14.4429	0.8362	8.2443	0.0000	-40.5546	7.5489
79	1606	Load Combinations: AASHTO-II-S	-211.7113	0.9346	0.4672	0.0000	-0.9043	3.5871
79	1606	Load Combinations: AASHTO-III-S	-167.6114	0.6730	0.7665	0.0000	-2.4619	5.1700
79	1606	Load Combinations: AASHTO-IB-S	-186.6592	1.5252	1.7408	0.0000	-6.7706	5.4623
79	1606	Load Combinations: AASHTO-VBA-S	-139.4217	3.4132	3.1887	0.0000	-9.9580	19.3207
79	1606	Load Combinations: AASHTO-VBB-S	-54.8997	0.7314	6.4396	0.0000	-31.2945	5.8039
80	1606	Load Combinations: AASHTO-I	324.5998	-2.2671	-0.4941	0.0000	0.8243	-6.9430
80	1606	Load Combinations: AASHTO-II	217.5853	-1.4327	-0.9675	0.0000	3.1299	-6.7263
80	1606	Load Combinations: AASHTO-III	253.4378	-2.1647	-2.4549	0.0000	8.8419	-7.8960
80	1606	Load Combinations: AASHTO-VBA	181.2007	-5.2839	-3.2748	0.0000	12.5779	-25.1367
80	1606	Load Combinations: AASHTO-VBB	71.3377	-1.5805	-10.1714	0.0000	40.7529	-7.5551
80	1606	Load Combinations: AASHTO-VBC	124.1811	-5.2691	-3.1889	0.0000	12.4280	-25.1197
80	1606	Load Combinations: AASHTO-VBD	14.4432	-1.5761	-10.0649	0.0000	40.5546	-7.5489
80	1606	Load Combinations: AASHTO-II-S	211.7113	-0.8457	-0.3055	0.0000	0.9043	-2.5871
80	1606	Load Combinations: AASHTO-III-S	167.6115	-1.0994	-0.7549	0.0000	2.4619	-5.1700
80	1606	Load Combinations: AASHTO-IB-S	186.6592	-1.4654	-1.3658	0.0000	6.7706	-5.4623
80	1606	Load Combinations: AASHTO-VBA-S	139.4224	-4.8552	-2.5131	0.0000	9.9580	-19.3207
80	1606	Load Combinations: AASHTO-VBB-S	54.9999	-1.2138	-7.9102	0.0000	31.2945	-5.8039

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
80	1607	Load Combinations: AASHTO-I	-326.2180	2.2669	0.4842	0.0000	-0.3302	4.6783
80	1607	Load Combinations: AASHTO-II	-231.4139	1.4020	0.8574	0.0000	-2.1720	5.2941
80	1607	Load Combinations: AASHTO-III	-259.9664	2.1642	2.4545	0.0000	-6.4075	5.7317
80	1607	Load Combinations: AASHTO-VIIA	-184.7295	5.2812	3.2739	0.0000	-9.3038	19.8575
80	1607	Load Combinations: AASHTO-VIIB	-74.8864	1.5767	10.1682	0.0000	-30.5834	5.8750
80	1607	Load Combinations: AASHTO-VIIC	-126.8276	5.2671	3.1982	0.0000	-8.2396	19.8519
80	1607	Load Combinations: AASHTO-VIID	-17.0897	1.5755	10.0624	0.0000	-30.4910	5.8731
80	1607	Load Combinations: AASHTO-I-S	-214.4257	0.8456	0.3055	0.0000	-0.1968	1.7415
80	1607	Load Combinations: AASHTO-II-S	-170.9258	1.0969	0.7348	0.0000	-1.8671	4.0709
80	1607	Load Combinations: AASHTO-III-S	-169.5705	1.4651	1.8655	0.0000	-4.9051	5.8971
80	1607	Load Combinations: AASHTO-VIIA-S	-142.1367	4.0536	2.0128	0.0000	-7.1453	15.2985
80	1607	Load Combinations: AASHTO-VIIB-S	-57.7142	1.2133	7.8083	0.0000	-23.4855	4.5905
81	1607	Load Combinations: AASHTO-I	326.2184	-1.0186	-0.2984	0.0000	0.3302	-4.6743
81	1607	Load Combinations: AASHTO-II	221.4139	-1.7182	-0.8526	0.0000	2.1725	-5.2941
81	1607	Load Combinations: AASHTO-III	259.9663	-2.1053	-2.3675	0.0000	6.4075	-5.7317
81	1607	Load Combinations: AASHTO-VIIA	184.7296	-6.3954	-3.3181	0.0000	9.3038	-19.8575
81	1607	Load Combinations: AASHTO-VIIB	74.8855	-1.8154	-10.6466	0.0000	30.5834	-5.8750
81	1607	Load Combinations: AASHTO-VIIC	126.8276	-6.3765	-3.2998	0.0000	8.2396	-19.8519
81	1607	Load Combinations: AASHTO-VIID	17.0888	-1.8103	-10.5747	0.0000	30.4910	-5.8731
81	1607	Load Combinations: AASHTO-I-S	214.4257	-0.7148	-0.1695	0.0000	0.1968	-1.7415
81	1607	Load Combinations: AASHTO-II-S	170.9258	-1.3170	-0.8541	0.0000	1.8671	-4.0709
81	1607	Load Combinations: AASHTO-III-S	169.5704	-1.4481	-1.8054	0.0000	4.9051	-5.8971
81	1607	Load Combinations: AASHTO-VIIA-S	142.1368	-4.8084	-2.5457	0.0000	7.1453	-15.2985
81	1607	Load Combinations: AASHTO-VIIB-S	57.7137	-1.4706	-8.1142	0.0000	23.4855	-4.5903
81	1608	Load Combinations: AASHTO-I	-331.7471	1.9184	0.2985	0.0000	-0.0618	2.7580
81	1608	Load Combinations: AASHTO-II	-224.9425	1.7158	0.8525	0.0000	-1.3200	3.5783
81	1608	Load Combinations: AASHTO-III	-260.4948	2.1049	2.3670	0.0000	-4.0405	3.6269
81	1608	Load Combinations: AASHTO-VIIA	-188.2582	6.3930	3.3173	0.0000	-5.8863	13.4638
81	1608	Load Combinations: AASHTO-VIIB	-76.3941	1.9147	10.6458	0.0000	-19.5785	4.9800
81	1608	Load Combinations: AASHTO-VIIC	-129.4743	6.3767	3.2990	0.0000	-5.8735	13.4748
81	1608	Load Combinations: AASHTO-VIID	-19.7353	1.9099	10.5729	0.0000	-19.5174	4.9830
81	1608	Load Combinations: AASHTO-I-S	-217.1406	0.7148	0.1656	0.0000	-0.0332	1.0268
81	1608	Load Combinations: AASHTO-II-S	-173.0401	1.3186	0.8542	0.0000	-1.2131	2.7542
81	1608	Load Combinations: AASHTO-III-S	-182.0848	1.4469	1.8052	0.0000	-3.0999	2.5483

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
81	1608	Load Combinations: AASHTO-VIIA-S	-144.8012	4.9069	2.5453	0.0000	-4.5989	10.3591
81	1608	Load Combinations: AASHTO-VIIB-S	-60.4281	1.4702	8.1725	0.0000	-15.3123	3.1200
82	1608	Load Combinations: AASHTO-I	331.7470	-1.4739	-0.0957	0.0000	0.0618	-2.7580
82	1608	Load Combinations: AASHTO-II	224.9425	-0.6992	-0.6666	0.0000	1.3200	-3.5783
82	1608	Load Combinations: AASHTO-III	260.4948	-1.8200	-2.0338	0.0000	4.0405	-3.6269
82	1608	Load Combinations: AASHTO-VIIA	188.2576	-6.3400	-2.9558	0.0000	5.8863	-13.4638
82	1608	Load Combinations: AASHTO-VIIB	76.3926	-1.9031	-9.7073	0.0000	19.5065	-4.9600
82	1608	Load Combinations: AASHTO-VIIC	129.4737	-6.3307	-2.9333	0.0000	5.8735	-13.4748
82	1608	Load Combinations: AASHTO-VIID	19.7339	-1.8994	-9.6672	0.0000	19.5174	-4.9830
82	1608	Load Combinations: AASHTO-I-S	217.1406	-0.5486	-0.0583	0.0000	0.0332	-1.0268
82	1608	Load Combinations: AASHTO-II-S	173.0401	-1.2984	-0.5206	0.0000	1.0131	-2.7542
82	1608	Load Combinations: AASHTO-III-S	182.0847	-1.2667	-1.5556	0.0000	3.0999	-2.5483
82	1608	Load Combinations: AASHTO-VIIA-S	144.8509	-4.8704	-2.2682	0.0000	4.5989	-10.3591
82	1608	Load Combinations: AASHTO-VIIB-S	60.4271	-1.4612	-7.4512	0.0000	15.3123	-3.1200
82	1609	Load Combinations: AASHTO-I	-330.2757	1.4738	0.0958	0.0000	0.0340	1.2843
82	1609	Load Combinations: AASHTO-II	-226.4711	1.6916	0.6865	0.0000	-0.6336	1.8865
82	1609	Load Combinations: AASHTO-III	-264.0234	1.8139	2.0304	0.0000	-2.0071	1.8072
82	1609	Load Combinations: AASHTO-VIIA	-191.7863	6.3407	2.9051	0.0000	-5.0311	7.1224
82	1609	Load Combinations: AASHTO-VIIB	-81.9212	1.8024	9.7047	0.0000	-19.2398	2.1573
82	1609	Load Combinations: AASHTO-VIIC	-132.1202	6.3290	2.9328	0.0000	-5.0409	7.1450
82	1609	Load Combinations: AASHTO-VIID	-22.3802	1.8988	9.6853	0.0000	-19.2512	2.1638
82	1609	Load Combinations: AASHTO-I-S	-219.8543	0.5486	0.0583	0.0000	0.0250	0.4782
82	1609	Load Combinations: AASHTO-II-S	-175.7544	1.2990	0.5285	0.0000	-0.4866	1.4551
82	1609	Load Combinations: AASHTO-III-S	-184.7990	1.2685	1.5553	0.0000	-1.5446	1.2798
82	1609	Load Combinations: AASHTO-VIIA-S	-147.3852	4.8691	2.2678	0.0000	-2.3320	5.4896
82	1609	Load Combinations: AASHTO-VIIB-S	-63.1415	1.4908	7.4497	0.0000	-7.8620	1.6590
83	1609	Load Combinations: AASHTO-I	330.2757	-0.9458	0.0977	0.0000	-0.0340	-1.2843
83	1609	Load Combinations: AASHTO-II	226.4711	-1.3231	-0.4607	0.0000	0.6336	-1.8865
83	1609	Load Combinations: AASHTO-III	264.0233	-1.2959	-1.4409	0.0000	2.0071	-1.8072
83	1609	Load Combinations: AASHTO-VIIA	191.7851	-4.9824	-2.1585	0.0000	5.0311	-7.1224
83	1609	Load Combinations: AASHTO-VIIB	81.9180	-1.5008	-7.2195	0.0000	19.2398	-2.1573
83	1609	Load Combinations: AASHTO-VIIC	132.1190	-4.9826	-2.1554	0.0000	5.0406	-7.1450
83	1609	Load Combinations: AASHTO-VIID	22.3781	-1.5008	-7.2132	0.0000	19.2512	-2.1638
83	1609	Load Combinations: AASHTO-I-S	219.8543	-0.3519	0.0063	0.0000	-0.0250	-0.4782

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
83	1609	Load Combinations: AASHTO-B-S	175.7544	-1.0177	-0.3534	0.0000	0.4896	-1.4551
83	1609	Load Combinations: AASHTO-BI-S	194.7990	-0.0134	-1.1059	0.0000	1.5446	-1.2799
83	1609	Load Combinations: AASHTO-VBA-S	147.3645	-3.8313	-1.6564	0.0000	2.3529	-5.4696
83	1609	Load Combinations: AASHTO-VBB-S	93.1402	-1.1529	-5.5436	0.0000	7.8625	-1.6586
83	1610	Load Combinations: AASHTO-I	-339.8043	0.9455	-0.0076	0.0000	0.0243	0.3389
83	1610	Load Combinations: AASHTO-II	-231.9997	1.3225	0.4606	0.0000	-0.1730	0.5639
83	1610	Load Combinations: AASHTO-IB	-267.5519	1.2956	1.4406	0.0000	-0.5985	0.5116
83	1610	Load Combinations: AASHTO-VBA	-195.3137	4.9802	2.1559	0.0000	-0.8750	2.1414
83	1610	Load Combinations: AASHTO-VBB	-85.4477	1.5001	7.2171	0.0000	-3.0127	0.6569
83	1610	Load Combinations: AASHTO-VBC	-134.7635	4.3812	2.1549	0.0000	-0.8856	2.1634
83	1610	Load Combinations: AASHTO-VBD	-25.0246	1.3063	7.2114	0.0000	-3.0389	0.8634
83	1610	Load Combinations: AASHTO-I-S	-222.5667	0.3018	-0.0093	0.0000	0.0167	0.1263
83	1610	Load Combinations: AASHTO-II-S	-178.4667	1.0174	0.3534	0.0000	-0.1332	0.4376
83	1610	Load Combinations: AASHTO-IB-S	-197.5133	0.9133	1.1057	0.0000	-0.4389	0.3965
83	1610	Load Combinations: AASHTO-VBA-S	-150.2799	3.8300	1.6550	0.0000	-0.6756	1.6592
83	1610	Load Combinations: AASHTO-VBB-S	-65.8545	1.1525	5.5422	0.0000	-2.3103	0.5063
84	1610	Load Combinations: AASHTO-I	338.8043	-0.3390	0.0084	0.0000	-0.0263	-0.3389
84	1610	Load Combinations: AASHTO-II	231.9998	-0.5841	-0.1730	0.0000	0.1730	-0.5639
84	1610	Load Combinations: AASHTO-IB	267.5518	-0.5118	-0.5607	0.0000	0.5985	-0.5116
84	1610	Load Combinations: AASHTO-VBA	195.3117	-2.1426	-0.8754	0.0000	0.8750	-2.1414
84	1610	Load Combinations: AASHTO-VBB	85.4446	-0.6572	-5.0140	0.0000	3.0127	-0.6569
84	1610	Load Combinations: AASHTO-VBC	134.7635	-2.1643	-0.8859	0.0000	0.8856	-2.1634
84	1610	Load Combinations: AASHTO-VBD	25.0219	-0.8636	-3.0396	0.0000	3.0389	-0.8634
84	1610	Load Combinations: AASHTO-I-S	222.5667	-0.1264	0.0188	0.0000	-0.0167	-0.1263
84	1610	Load Combinations: AASHTO-II-S	178.4666	-0.4378	-0.1332	0.0000	0.1332	-0.4376
84	1610	Load Combinations: AASHTO-IB-S	197.5132	-0.3666	-0.4390	0.0000	0.4389	-0.3665
84	1610	Load Combinations: AASHTO-VBA-S	150.2777	-1.6596	-0.6761	0.0000	0.6759	-1.6592
84	1610	Load Combinations: AASHTO-VBB-S	65.8527	-0.5065	-2.3200	0.0000	2.3193	-0.5063
84	1611	Load Combinations: AASHTO-I	-342.3329	0.3389	-0.0282	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-II	-235.5282	0.5636	0.1730	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-IB	-271.0804	0.5115	0.5993	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-VBA	-198.8404	2.1405	0.8748	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-VBB	-88.9733	0.9996	3.0116	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-VBC	-137.4100	2.1627	0.8854	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
84	1611	Load Combinations: AASHTO-VBD	-27.8690	0.6832	3.0381	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-I-S	-225.2830	0.1264	-0.0187	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-II-S	-181.1830	0.4375	0.1331	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-IB-S	-200.2275	0.3664	0.4388	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-VBA-S	-152.9620	1.6587	0.6757	0.0000	0.0000	0.0000
84	1611	Load Combinations: AASHTO-VBB-S	-66.5671	0.5061	2.3186	0.0000	0.0000	0.0000
85	1055	Load Combinations: AASHTO-I	333.8634	5.8466	1.8344	0.0000	-10.8446	20.5826
85	1055	Load Combinations: AASHTO-II	219.7992	8.3814	3.3110	0.0000	-7.1680	36.5213
85	1055	Load Combinations: AASHTO-IB	320.9091	7.3485	5.6767	0.0000	-12.3585	29.9553
85	1055	Load Combinations: AASHTO-VBA	547.6107	25.5229	7.9563	-0.0001	-15.1387	81.3842
85	1055	Load Combinations: AASHTO-VBB	366.7523	10.5573	22.9918	-0.0002	-26.9917	44.2311
85	1055	Load Combinations: AASHTO-VBC	303.7917	24.4967	7.7430	-0.0001	-13.7777	76.5800
85	1055	Load Combinations: AASHTO-VBD	316.8742	9.7710	22.7078	-0.0002	-25.4370	36.9957
85	1055	Load Combinations: AASHTO-I-S	169.9777	3.3838	0.8167	0.0000	-6.0368	15.9017
85	1055	Load Combinations: AASHTO-II-S	166.0512	6.9087	1.7752	0.0000	-6.5027	28.0643
85	1055	Load Combinations: AASHTO-IB-S	233.0356	5.9005	4.2691	0.0000	-8.9215	23.0341
85	1055	Load Combinations: AASHTO-VBA-S	267.2853	19.4638	6.0985	0.0000	-11.5419	62.3206
85	1055	Load Combinations: AASHTO-VBB-S	277.3644	8.1311	17.6003	-0.0001	-20.4813	34.0042
85	1612	Load Combinations: AASHTO-I	-337.3921	-5.8482	-1.8340	0.0000	9.2106	-14.8142
85	1612	Load Combinations: AASHTO-II	-223.3276	-8.3817	-2.3113	0.0000	6.8580	-27.5406
85	1612	Load Combinations: AASHTO-IB	-324.4377	-7.3500	-5.6780	0.0000	8.8818	-22.0060
85	1612	Load Combinations: AASHTO-VBA	-551.1394	-25.3252	-7.9583	0.0001	7.1524	-56.8838
85	1612	Load Combinations: AASHTO-VBB	-364.2808	-10.5575	-22.9894	0.0002	3.9892	-33.6752
85	1612	Load Combinations: AASHTO-VBC	-306.4382	-24.5020	-7.7446	0.0001	6.0348	-52.0826
85	1612	Load Combinations: AASHTO-VBD	-319.5307	-9.7712	-22.7138	0.0002	3.7290	-29.2157
85	1612	Load Combinations: AASHTO-I-S	-166.6826	-3.3837	-0.8166	0.0000	5.1190	-12.5363
85	1612	Load Combinations: AASHTO-II-S	-171.7655	-6.9088	-1.7754	0.0000	3.7275	-21.1559
85	1612	Load Combinations: AASHTO-IB-S	-235.7500	-5.9057	-4.2698	0.0000	4.8524	-17.1340
85	1612	Load Combinations: AASHTO-VBA-S	-270.0076	-19.4659	-6.0996	0.0000	5.4435	-43.4079
85	1612	Load Combinations: AASHTO-VBB-S	-280.0787	-8.1312	-17.6047	0.0001	2.8808	-25.6739
86	1612	Load Combinations: AASHTO-I	337.3917	5.3043	1.8267	0.0000	-9.2106	14.9142
86	1612	Load Combinations: AASHTO-II	223.3268	8.4959	3.1446	0.0000	-6.8580	27.5406
86	1612	Load Combinations: AASHTO-IB	324.4372	7.4829	5.1741	0.0000	-8.8818	22.0060
86	1612	Load Combinations: AASHTO-VBA	551.1356	23.5668	7.2111	-0.0001	-7.1524	56.8838

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
86	1612	Load Combinations: AASHTO-VBB	364.2944	19.0251	20.5254	-0.0002	-5.8882	33.8752
86	1612	Load Combinations: AASHTO-VBC	306.4352	22.7831	6.0868	-0.0001	-6.0349	32.0820
86	1612	Load Combinations: AASHTO-VBD	319.5247	9.2377	20.2458	-0.0002	-2.7296	28.2157
86	1612	Load Combinations: AASHTO-I-S	196.8918	3.2221	0.9295	0.0000	-5.1186	12.5383
86	1612	Load Combinations: AASHTO-B-S	171.7649	6.5314	1.8469	0.0000	-3.7275	21.1559
86	1612	Load Combinations: AASHTO-BI-S	235.7496	5.5645	3.8823	0.0000	-4.6524	17.1340
86	1612	Load Combinations: AASHTO-VBA-S	370.0054	18.1180	5.5245	0.0000	-5.4439	43.4578
86	1612	Load Combinations: AASHTO-VBB-S	280.0809	7.7135	15.7050	-0.0001	-2.8806	25.8739
86	1613	Load Combinations: AASHTO-I	-340.9303	-5.3049	-1.8268	0.0000	7.5842	-9.8103
86	1613	Load Combinations: AASHTO-B	-226.8655	-6.4965	-2.1452	0.0000	2.7132	-19.0451
86	1613	Load Combinations: AASHTO-BI	-327.9858	-7.4837	-5.1705	0.0000	1.9077	-14.5242
86	1613	Load Combinations: AASHTO-VBA	-354.6643	-23.5826	-7.2133	0.0001	-0.0598	-32.0762
86	1613	Load Combinations: AASHTO-VBB	-367.8130	-10.0259	-20.5330	0.0002	-16.5273	-23.6511
86	1613	Load Combinations: AASHTO-VBC	-309.0817	-22.7660	-7.0006	0.0001	-0.9641	-29.3201
86	1613	Load Combinations: AASHTO-VBD	-323.1713	-9.2383	-20.2514	0.0002	-17.5172	-19.8768
86	1613	Load Combinations: AASHTO-I-S	-199.4061	-3.2222	-0.9094	0.0000	4.2096	-9.3183
86	1613	Load Combinations: AASHTO-B-S	-174.4785	-6.5318	-1.8471	0.0000	2.0806	-14.6248
86	1613	Load Combinations: AASHTO-BI-S	-238.4640	-5.5649	-3.8831	0.0000	5.7701	-11.5689
86	1613	Load Combinations: AASHTO-VBA-S	-272.7197	-18.1200	-5.5257	0.0000	-0.0910	-25.3406
86	1613	Load Combinations: AASHTO-VBB-S	-282.7952	-7.7139	-15.7094	0.0001	-12.8249	-18.1810
87	1613	Load Combinations: AASHTO-I	340.9202	4.8537	1.5711	0.0000	-7.5842	9.8103
87	1613	Load Combinations: AASHTO-B	226.8551	7.5818	1.8444	0.0000	-2.7132	19.0451
87	1613	Load Combinations: AASHTO-BI	327.9659	6.5946	4.2952	0.0000	-1.5077	14.5242
87	1613	Load Combinations: AASHTO-VBA	354.6857	20.3971	5.9196	-0.0001	0.0598	33.0762
87	1613	Load Combinations: AASHTO-VBB	367.8225	8.9673	16.3411	-0.0002	16.5273	23.6511
87	1613	Load Combinations: AASHTO-VBC	309.0836	19.5084	5.7166	-0.0001	0.9641	29.3201
87	1613	Load Combinations: AASHTO-VBD	322.1608	8.2044	16.0801	-0.0001	17.5172	19.8768
87	1613	Load Combinations: AASHTO-I-S	199.4060	2.8319	0.8763	0.0000	-4.2096	9.3183
87	1613	Load Combinations: AASHTO-B-S	174.4790	5.8110	1.4158	0.0000	-2.0806	14.6248
87	1613	Load Combinations: AASHTO-BI-S	238.4640	4.9252	3.2129	0.0000	-0.7701	11.5689
87	1613	Load Combinations: AASHTO-VBA-S	272.7206	19.8085	4.5331	0.0000	0.0910	25.3406
87	1613	Load Combinations: AASHTO-VBB-S	282.8008	6.9948	12.4973	-0.0001	12.8249	18.1810
87	1614	Load Combinations: AASHTO-I	-344.4489	-4.8545	-1.5710	0.0000	6.0134	-4.9568
87	1614	Load Combinations: AASHTO-B	-230.3837	-7.5827	-1.8449	0.0000	0.8667	-11.4634

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
87	1614	Load Combinations: AASHTO-B	-331.4946	-6.5956	-4.2966	0.0000	-2.7877	-7.9299
87	1614	Load Combinations: AASHTO-VBA	-358.1944	-20.4014	-5.9217	0.0001	-0.9787	-12.6796
87	1614	Load Combinations: AASHTO-VBB	-371.3811	-8.9684	-16.5460	0.0002	-32.8898	-14.6845
87	1614	Load Combinations: AASHTO-VBC	-311.7301	-19.6016	-5.7182	0.0001	-6.6808	-9.7223
87	1614	Load Combinations: AASHTO-VBD	-324.8273	-8.2062	-16.0859	0.0001	-33.5980	-11.7750
87	1614	Load Combinations: AASHTO-I-S	-202.1203	-2.8320	-0.8762	0.0000	3.3335	-6.3646
87	1614	Load Combinations: AASHTO-B-S	-177.1834	-5.8115	-1.4160	0.0000	0.8648	-8.8139
87	1614	Load Combinations: AASHTO-BI-S	-241.1783	-4.9258	-3.2116	0.0000	-2.4410	-6.8448
87	1614	Load Combinations: AASHTO-VBA-S	-275.4349	-19.8610	-4.5343	0.0000	-4.8143	-9.6824
87	1614	Load Combinations: AASHTO-VBB-S	-285.5151	-6.9954	-12.5015	0.0001	-25.3230	-11.2967
88	1614	Load Combinations: AASHTO-I	344.4489	3.7963	1.4091	0.0000	-6.0134	4.9568
88	1614	Load Combinations: AASHTO-B	230.3838	6.2927	1.4547	0.0000	-0.8667	11.4634
88	1614	Load Combinations: AASHTO-BI	331.4952	5.4029	3.1879	0.0000	2.7877	7.9299
88	1614	Load Combinations: AASHTO-VBA	358.1997	16.2188	4.3043	0.0000	0.9787	12.6796
88	1614	Load Combinations: AASHTO-VBB	371.3632	7.5104	11.1966	-0.0001	32.8898	14.6845
88	1614	Load Combinations: AASHTO-VBC	311.7306	15.4796	4.1191	0.0000	6.6808	9.7223
88	1614	Load Combinations: AASHTO-VBD	324.8395	6.8013	10.9656	-0.0001	33.5980	11.7750
88	1614	Load Combinations: AASHTO-I-S	202.1203	2.5198	0.8122	0.0000	-3.3335	6.3646
88	1614	Load Combinations: AASHTO-B-S	177.1834	4.8345	1.1184	0.0000	-0.8648	8.8139
88	1614	Load Combinations: AASHTO-BI-S	241.1787	4.0642	2.3685	0.0000	2.4410	6.8448
88	1614	Load Combinations: AASHTO-VBA-S	275.4350	12.4467	3.2949	0.0000	4.8143	9.6824
88	1614	Load Combinations: AASHTO-VBB-S	285.5222	5.7719	8.5594	-0.0001	25.3230	11.2967
88	1615	Load Combinations: AASHTO-I	-347.9776	-3.7671	-1.4596	0.0000	4.5545	-1.1706
88	1615	Load Combinations: AASHTO-B	-233.9125	-6.2938	-1.4651	0.0000	-0.5861	-5.1907
88	1615	Load Combinations: AASHTO-BI	-335.0239	-5.4041	-3.1892	0.0000	-5.9759	-2.5270
88	1615	Load Combinations: AASHTO-VBA	-361.7293	-16.2232	-4.3064	0.0000	-10.2834	3.5392
88	1615	Load Combinations: AASHTO-VBB	-374.8918	-7.5117	-11.2064	0.0001	-44.0713	-7.1746
88	1615	Load Combinations: AASHTO-VBC	-314.3821	-15.4832	-4.1207	0.0000	-10.9083	5.7576
88	1615	Load Combinations: AASHTO-VBD	-327.4890	-6.8022	-10.9749	0.0001	-44.5990	-4.9746
88	1615	Load Combinations: AASHTO-I-S	-204.6346	-2.5200	-0.8122	0.0000	2.5213	-3.8646
88	1615	Load Combinations: AASHTO-B-S	-179.9077	-4.8351	-1.1167	0.0000	-0.4517	-3.9794
88	1615	Load Combinations: AASHTO-BI-S	-243.8930	-4.0648	-2.3691	0.0000	-4.8085	-2.5902
88	1615	Load Combinations: AASHTO-VBA-S	-278.1524	-12.4483	-3.2961	0.0000	-7.9094	2.7648
88	1615	Load Combinations: AASHTO-VBB-S	-288.2396	-5.7727	-8.5635	0.0001	-33.6838	-5.4880

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-fort)	Force Y (tn-fort)	Force Z (tn-fort)	Moment X (tn-fort-m)	Moment Y (tn-fort-m)	Moment Z (tn-fort-m)
89	1615	Load Combinations: AASHTO-I	347.9778	2.7681	1.2947	0.0000	-4.5540	1.1706
89	1615	Load Combinations: AASHTO-II	239.9128	4.8226	1.0211	0.0000	0.5861	5.1907
89	1615	Load Combinations: AASHTO-III	335.0247	6.0583	1.9905	0.0000	5.8756	2.5270
89	1615	Load Combinations: AASHTO-VIIIA	361.7354	11.5380	2.5705	0.0000	10.2834	-3.0392
89	1615	Load Combinations: AASHTO-VIIIB	374.6037	5.8078	5.7748	-0.0001	44.0713	7.1745
89	1615	Load Combinations: AASHTO-VIIIC	314.8892	10.6895	2.4700	0.0000	10.6003	-5.7575
89	1615	Load Combinations: AASHTO-VIIID	327.4879	5.1782	5.5856	-0.0001	44.5898	4.8740
89	1615	Load Combinations: AASHTO-I-S	304.8346	3.0349	0.7156	0.0000	-2.5213	3.8648
89	1615	Load Combinations: AASHTO-II-S	179.8080	3.7045	0.7838	0.0000	0.4617	3.8784
89	1615	Load Combinations: AASHTO-III-S	243.8085	3.0743	1.4099	0.0000	4.6095	2.5807
89	1615	Load Combinations: AASHTO-VIIIA-S	278.1588	8.8543	1.9858	0.0000	7.9094	-2.7644
89	1615	Load Combinations: AASHTO-VIIIB-S	288.2436	4.4623	4.4073	-0.0001	33.8830	5.4950
89	1616	Load Combinations: AASHTO-I	-351.3064	-2.7999	-1.2947	0.0000	3.2920	1.8298
89	1616	Load Combinations: AASHTO-II	-237.4415	-4.8238	-1.0215	0.0000	-1.6073	-0.3689
89	1616	Load Combinations: AASHTO-III	-338.3534	-6.0405	-1.9916	0.0000	-7.9665	1.5124
89	1616	Load Combinations: AASHTO-VIIIA	-365.2641	-11.5437	-2.5722	0.0000	-12.8543	15.0791
89	1616	Load Combinations: AASHTO-VIIIB	-379.4324	-5.8091	-5.7910	0.0001	-48.8484	-1.3669
89	1616	Load Combinations: AASHTO-VIIIC	-317.0367	-10.6927	-2.4114	0.0000	-13.2107	16.8473
89	1616	Load Combinations: AASHTO-VIIID	-330.1443	-5.1802	-5.5902	0.0001	-52.1563	0.2051
89	1616	Load Combinations: AASHTO-I-S	-307.5490	-3.0251	-0.7136	0.0000	1.8018	-1.8401
89	1616	Load Combinations: AASHTO-II-S	-182.6223	-3.7003	-0.7830	0.0000	-1.2954	-0.2748
89	1616	Load Combinations: AASHTO-III-S	-246.8079	-3.0749	-1.4008	0.0000	-6.2999	0.4936
89	1616	Load Combinations: AASHTO-VIIIA-S	-280.8709	-8.8569	-1.9877	0.0000	-9.8764	11.8191
89	1616	Load Combinations: AASHTO-VIIIB-S	-290.9579	-4.4631	-4.4109	0.0001	-38.2922	-1.0328
90	1616	Load Combinations: AASHTO-I	351.5067	1.7991	1.0803	0.0000	-3.2900	-1.8299
90	1616	Load Combinations: AASHTO-II	237.4421	3.2878	0.5855	0.0000	1.6073	0.3690
90	1616	Load Combinations: AASHTO-III	338.3543	2.8329	0.8222	0.0000	7.9665	-1.5124
90	1616	Load Combinations: AASHTO-VIIIA	365.2713	6.8122	0.8923	0.0000	12.8543	-15.0791
90	1616	Load Combinations: AASHTO-VIIIB	378.4421	4.0179	0.8233	-0.0001	48.8484	1.3669
90	1616	Load Combinations: AASHTO-VIIIC	317.0427	6.2727	0.7619	0.0000	13.2107	-16.8473
90	1616	Load Combinations: AASHTO-VIIID	330.1539	3.4962	0.4799	-0.0001	52.1563	-0.2051
90	1616	Load Combinations: AASHTO-I-S	307.5490	1.4913	0.8052	0.0000	-1.8018	1.8401
90	1616	Load Combinations: AASHTO-II-S	182.6227	2.5257	0.4495	0.0000	1.2954	0.2748
90	1616	Load Combinations: AASHTO-III-S	246.8084	2.0481	0.5764	0.0000	6.2999	-0.4936

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (tn-fort)	Force Y (tn-fort)	Force Z (tn-fort)	Moment X (tn-fort-m)	Moment Y (tn-fort-m)	Moment Z (tn-fort-m)
90	1616	Load Combinations: AASHTO-VIIIA-S	280.8702	5.2280	0.8919	0.0000	9.8764	-11.8191
90	1616	Load Combinations: AASHTO-VIIIB-S	290.9636	3.0671	0.4659	0.0000	38.2922	1.0328
90	1617	Load Combinations: AASHTO-I	-355.0353	-1.7870	-1.0803	0.0000	2.1998	3.4149
90	1617	Load Combinations: AASHTO-II	-240.9707	-3.2890	-0.5859	0.0000	-2.1930	2.8201
90	1617	Load Combinations: AASHTO-III	-342.0829	-2.8340	-0.8234	0.0000	-8.7992	4.1455
90	1617	Load Combinations: AASHTO-VIIIA	-368.7998	-6.8193	-0.8940	0.0000	-13.7474	21.8925
90	1617	Load Combinations: AASHTO-VIIIB	-381.9709	-4.0193	-0.8288	0.0001	-50.4743	2.8511
90	1617	Load Combinations: AASHTO-VIIIC	-319.5891	-6.2757	-0.7631	0.0000	-13.9731	22.9207
90	1617	Load Combinations: AASHTO-VIIID	-332.8004	-3.4912	-0.4840	0.0001	-50.6381	3.6954
90	1617	Load Combinations: AASHTO-I-S	-210.2633	-1.4915	-0.8052	0.0000	1.1998	-0.3489
90	1617	Load Combinations: AASHTO-II-S	-185.3376	-2.5264	-0.4497	0.0000	-1.8850	2.2512
90	1617	Load Combinations: AASHTO-III-S	-249.3227	-2.0487	-0.5771	0.0000	-6.8463	2.5418
90	1617	Load Combinations: AASHTO-VIIIA-S	-283.5895	-5.2354	-0.6829	0.0000	-10.5567	16.8477
90	1617	Load Combinations: AASHTO-VIIIB-S	-293.6786	-3.0679	-0.4692	0.0000	-38.7597	2.0544
91	1617	Load Combinations: AASHTO-I	355.0356	0.8314	0.8625	0.0000	-2.1998	-3.4149
91	1617	Load Combinations: AASHTO-II	240.9713	1.8144	0.1840	0.0000	2.1930	-2.8201
91	1617	Load Combinations: AASHTO-III	342.0837	1.3000	-0.2192	0.0000	8.7992	-4.1455
91	1617	Load Combinations: AASHTO-VIIIA	368.8059	2.4295	-0.5901	0.0000	13.7474	-21.8925
91	1617	Load Combinations: AASHTO-VIIIB	381.9774	2.2852	-0.8259	0.0000	50.4743	-2.8511
91	1617	Load Combinations: AASHTO-VIIIC	319.5949	2.0116	-0.6884	0.0000	13.9731	-22.9207
91	1617	Load Combinations: AASHTO-VIIID	332.8065	1.6740	-0.8228	0.0000	50.6381	-3.6954
91	1617	Load Combinations: AASHTO-I-S	210.2634	0.9624	0.4783	0.0000	-1.1998	0.3489
91	1617	Load Combinations: AASHTO-II-S	185.3375	1.3945	0.1418	0.0000	1.8850	-2.2512
91	1617	Load Combinations: AASHTO-III-S	249.3231	1.0701	-0.2089	0.0000	6.8463	-2.5418
91	1617	Load Combinations: AASHTO-VIIIA-S	283.5890	1.9672	-0.4626	0.0000	10.5567	-16.8477
91	1617	Load Combinations: AASHTO-VIIIB-S	293.6818	1.7597	-0.8074	0.0000	38.7597	-2.0544
91	1618	Load Combinations: AASHTO-I	-358.5642	-0.8322	-0.8628	0.0000	1.3074	4.2488
91	1618	Load Combinations: AASHTO-II	-244.4699	-1.8105	-0.1843	0.0000	-2.3771	4.7349
91	1618	Load Combinations: AASHTO-III	-345.8124	-1.3011	0.2182	0.0000	-8.5705	5.4459
91	1618	Load Combinations: AASHTO-VIIIA	-372.3345	-2.4334	0.5888	0.0000	-13.1591	24.3236
91	1618	Load Combinations: AASHTO-VIIIB	-385.5091	-2.2908	0.8212	0.0000	-46.8513	4.3407
91	1618	Load Combinations: AASHTO-VIIIC	-322.3414	-2.0144	0.6873	0.0000	-13.3953	24.8338
91	1618	Load Combinations: AASHTO-VIIID	-335.4534	-1.6748	0.8193	0.0000	-46.7176	5.9888
91	1618	Load Combinations: AASHTO-I-S	-212.9777	-0.9627	-0.4783	0.0000	0.7183	0.6127

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
91	1618	Load Combinations: AASHTO-B-S	-188.0517	-1.3951	-0.1417	0.0000	-1.8268	3.6459
91	1618	Load Combinations: AASHTO-BI-S	-252.0374	-1.0707	0.2083	0.0000	-8.6378	3.8121
91	1618	Load Combinations: AASHTO-VBA-S	-286.3073	-1.5694	0.4019	0.0000	-10.1085	16.7158
91	1618	Load Combinations: AASHTO-VBB-S	-296.3962	-1.7605	2.9348	0.0000	-35.8240	3.8143
92	1618	Load Combinations: AASHTO-I	358.5846	0.0054	0.8299	0.0000	-1.3074	-4.2466
92	1618	Load Combinations: AASHTO-E	244.5064	0.5116	-0.1545	0.0000	2.3771	-4.7349
92	1618	Load Combinations: AASHTO-IE	345.8129	0.1385	-1.0599	0.0000	8.5706	-5.4459
92	1619	Load Combinations: AASHTO-VBA	372.3367	-1.2878	-1.7717	0.0000	13.1581	-24.3236
92	1619	Load Combinations: AASHTO-VBB	380.3066	0.7515	-7.2622	0.0000	46.6513	-4.9407
92	1618	Load Combinations: AASHTO-VBC	322.5454	-1.5836	-1.8366	0.0000	13.2859	-24.9355
92	1618	Load Combinations: AASHTO-VBD	335.4570	0.4508	-7.3163	0.0000	46.7178	-5.0606
92	1618	Load Combinations: AASHTO-I-E	212.8778	0.4784	0.3469	0.0000	-0.7183	-0.8137
92	1618	Load Combinations: AASHTO-B-S	188.0519	0.3943	-0.1181	0.0000	1.8299	-3.6459
92	1618	Load Combinations: AASHTO-BI-S	252.0378	0.2125	-0.6498	0.0000	8.6578	-3.8121
92	1618	Load Combinations: AASHTO-VBA-S	286.3068	-0.9634	-1.3573	0.0000	10.1065	-16.7158
92	1618	Load Combinations: AASHTO-VBB-S	296.3884	0.5762	-5.5659	0.0000	35.8240	-3.8143
92	1619	Load Combinations: AASHTO-I	-362.0930	-0.0062	-0.6300	0.0000	0.6775	4.2524
92	1619	Load Combinations: AASHTO-E	-246.0290	-0.5127	0.1542	0.0000	-2.2227	5.2470
92	1619	Load Combinations: AASHTO-IE	-349.1418	-0.1405	1.0599	0.0000	-7.5112	5.5858
92	1619	Load Combinations: AASHTO-VBA	-375.8674	1.2844	1.7704	0.0000	-11.3873	23.0377
92	1619	Load Combinations: AASHTO-VBB	-389.0385	-0.7527	7.2582	0.0000	-39.3921	5.8927
92	1619	Load Combinations: AASHTO-VBC	-324.9818	1.5811	1.8377	0.0000	-11.4474	23.3513
92	1619	Load Combinations: AASHTO-VBD	-339.1035	-0.4517	7.3133	0.0000	-39.4037	6.0298
92	1619	Load Combinations: AASHTO-I-E	-215.8921	-0.4787	-0.3490	0.0000	0.3894	1.0922
92	1619	Load Combinations: AASHTO-B-S	-190.7663	-0.3948	0.1179	0.0000	-1.7080	4.0405
92	1619	Load Combinations: AASHTO-BI-S	-254.7521	-0.2130	0.6421	0.0000	-8.7975	3.8249
92	1619	Load Combinations: AASHTO-VBA-S	-289.0242	0.9614	1.3568	0.0000	-8.7497	17.7335
92	1619	Load Combinations: AASHTO-VBB-S	-299.1128	-0.5766	5.5635	0.0000	-30.2599	4.3938
93	1619	Load Combinations: AASHTO-I	362.0931	-0.6343	0.4126	0.0000	-0.6775	-4.2524
93	1619	Load Combinations: AASHTO-E	246.0293	-0.5292	-0.4071	0.0000	2.2227	-5.2470
93	1619	Load Combinations: AASHTO-IE	349.1419	-0.7577	-1.6448	0.0000	7.5112	-5.5858
93	1619	Load Combinations: AASHTO-VBA	375.8698	-4.0849	-2.5757	0.0000	11.3873	-23.0377
93	1619	Load Combinations: AASHTO-VBB	389.0396	-0.4857	-8.4682	0.0000	39.3921	-5.8927
93	1619	Load Combinations: AASHTO-VBC	324.9941	-4.2684	-2.6146	0.0000	11.4474	-23.3513

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
93	1619	Load Combinations: AASHTO-VBD	338.1047	-0.6791	-6.4870	0.0000	39.4037	-6.0298
93	1619	Load Combinations: AASHTO-I-E	215.8922	0.0737	0.2271	0.0000	-0.3684	-1.0922
93	1619	Load Combinations: AASHTO-B-S	190.7685	-0.4050	-0.5116	0.0000	1.7085	-4.0405
93	1619	Load Combinations: AASHTO-BI-S	254.7523	-0.4648	-1.2775	0.0000	8.7975	-3.8249
93	1619	Load Combinations: AASHTO-VBA-S	289.0257	-3.1286	-1.9732	0.0000	8.7497	-17.7335
93	1619	Load Combinations: AASHTO-VBB-S	299.1136	-0.3710	-7.2546	0.0000	30.2599	-4.3939
93	1620	Load Combinations: AASHTO-I	-365.8218	0.6337	-0.4106	0.0000	0.2670	3.8185
93	1620	Load Combinations: AASHTO-E	-251.3580	0.5282	0.4068	0.0000	-1.8158	-4.7183
93	1620	Load Combinations: AASHTO-IE	-352.6706	0.7668	1.6439	0.0000	-5.8671	4.8187
93	1620	Load Combinations: AASHTO-VBA	-376.3995	4.0818	2.5746	0.0000	-8.8125	16.9549
93	1620	Load Combinations: AASHTO-VBB	-392.5695	0.4845	8.4647	0.0000	-29.8270	5.2077
93	1620	Load Combinations: AASHTO-VBC	-327.9406	4.2981	2.6137	0.0000	-8.8336	19.0846
93	1620	Load Combinations: AASHTO-VBD	-340.7512	0.8783	8.4944	0.0000	-29.8182	5.3422
93	1620	Load Combinations: AASHTO-I-S	-218.4095	-0.0740	-0.2271	0.0000	0.1423	1.1960
93	1620	Load Combinations: AASHTO-B-S	-193.4808	0.4044	0.3118	0.0000	-1.3967	3.8358
93	1620	Load Combinations: AASHTO-BI-S	-257.4696	0.4644	1.2771	0.0000	-4.5203	3.9603
93	1620	Load Combinations: AASHTO-VBA-S	-291.7400	3.1277	1.9726	0.0000	-8.7770	14.6052
93	1620	Load Combinations: AASHTO-VBB-S	-301.8279	0.3703	7.2525	0.0000	-23.0072	4.0233
94	1620	Load Combinations: AASHTO-I	365.8218	-1.0403	0.2211	0.0000	-0.2670	-3.8185
94	1620	Load Combinations: AASHTO-E	251.3581	-1.2313	-0.5553	0.0000	1.8158	-4.7183
94	1620	Load Combinations: AASHTO-IE	352.6707	-1.3541	-1.9307	0.0000	5.8671	-4.8187
94	1620	Load Combinations: AASHTO-VBA	376.3996	-6.7547	-2.9436	0.0000	8.8125	-16.9549
94	1620	Load Combinations: AASHTO-VBB	392.5682	-1.3297	-10.2850	0.0000	29.8270	-5.2077
94	1620	Load Combinations: AASHTO-VBC	327.9416	-6.8495	-2.9600	0.0000	8.8336	-19.0846
94	1620	Load Combinations: AASHTO-VBD	340.7526	-1.4318	-10.2796	0.0000	29.8182	-5.3422
94	1620	Load Combinations: AASHTO-I-S	218.4095	-0.2219	0.1219	0.0000	-0.1423	-1.1960
94	1620	Load Combinations: AASHTO-B-S	193.4809	-0.3448	-0.4259	0.0000	1.3967	-3.8358
94	1620	Load Combinations: AASHTO-BI-S	257.4697	-0.3122	-1.4883	0.0000	4.5203	-3.9603
94	1620	Load Combinations: AASHTO-VBA-S	291.7406	-4.4138	-2.2581	0.0000	8.7770	-14.6052
94	1620	Load Combinations: AASHTO-VBB-S	301.8279	-1.0203	-7.8827	0.0000	23.0072	-4.0233
94	1621	Load Combinations: AASHTO-I	-368.1505	1.0397	-0.2212	0.0000	0.0459	2.5796
94	1621	Load Combinations: AASHTO-E	-255.0868	1.2304	0.5551	0.0000	-1.2406	3.4875
94	1621	Load Combinations: AASHTO-IE	-356.1993	1.3533	1.9300	0.0000	-5.9370	3.4851
94	1621	Load Combinations: AASHTO-VBA	-382.8091	5.7518	2.9426	0.0000	-8.8998	13.3324

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
84	1621	Load Combinations: AASHTO-VIIB	-396.2858	1.3286	10.2819	0.0000	-19.6481	3.8767
84	1621	Load Combinations: AASHTO-VIIC	-330.2880	5.5434	2.9593	0.0000	-5.8744	15.2409
84	1621	Load Combinations: AASHTO-VIID	-343.5973	1.4311	10.2773	0.0000	-19.6421	3.8108
84	1621	Load Combinations: AASHTO-II-S	-221.1208	0.2214	-0.1219	0.0000	0.0254	0.9445
84	1621	Load Combinations: AASHTO-III-S	-196.1952	0.9443	0.4257	0.0000	-0.8709	2.6913
84	1621	Load Combinations: AASHTO-III-E	-260.1810	0.9118	1.4876	0.0000	-3.0324	2.4463
84	1621	Load Combinations: AASHTO-VIIA-S	-294.4549	4.4121	2.2555	0.0000	-4.5214	10.1927
84	1621	Load Combinations: AASHTO-VIIB-S	-304.5421	1.0197	7.5809	0.0000	-15.1263	3.0094
85	1621	Load Combinations: AASHTO-I	369.1505	-1.1703	0.0767	0.0000	-0.0459	-2.5799
85	1621	Load Combinations: AASHTO-II	255.0868	-1.5262	-0.5826	0.0000	1.2606	-3.4875
85	1621	Load Combinations: AASHTO-III	356.1993	-1.5597	-1.8806	0.0000	3.8070	-3.4851
85	1621	Load Combinations: AASHTO-VIIA	382.9280	-6.1132	-2.8239	0.0000	5.8698	-13.2024
85	1621	Load Combinations: AASHTO-VIIB	396.0005	-1.8979	-6.5731	0.0000	19.6451	-3.8767
85	1621	Load Combinations: AASHTO-VIIC	330.2877	-6.1394	-2.8258	0.0000	5.8743	-13.2409
85	1621	Load Combinations: AASHTO-VIID	343.3960	-1.7324	-6.5579	0.0000	19.6421	-3.8109
85	1621	Load Combinations: AASHTO-II-S	221.1209	-0.3808	0.0415	0.0000	-0.0204	-0.9445
85	1621	Load Combinations: AASHTO-III-S	196.1953	-1.1728	-0.4474	0.0000	0.8709	-2.6913
85	1621	Load Combinations: AASHTO-III-E	260.1810	-1.0850	-1.4449	0.0000	3.0324	-2.4463
85	1621	Load Combinations: AASHTO-VIIA-S	294.4546	-4.8962	-2.1668	0.0000	4.5214	-10.1927
85	1621	Load Combinations: AASHTO-VIIB-S	304.5413	-1.3059	-7.5445	0.0000	15.1263	-3.0094
85	1622	Load Combinations: AASHTO-I	-372.8791	1.1657	-0.0768	0.0000	-0.0309	1.4087
85	1622	Load Combinations: AASHTO-II	-258.8185	1.5253	0.5825	0.0000	-0.8780	1.9820
85	1622	Load Combinations: AASHTO-III	-359.7279	1.5589	1.8800	0.0000	-2.0570	1.9060
85	1622	Load Combinations: AASHTO-VIIA	-368.4566	6.1105	2.8229	0.0000	-5.0466	7.0914
85	1622	Load Combinations: AASHTO-VIIB	-399.6241	1.8968	6.5703	0.0000	-19.6746	3.1917
85	1622	Load Combinations: AASHTO-VIIC	-332.9342	6.1374	2.8251	0.0000	-5.0482	7.1032
85	1622	Load Combinations: AASHTO-VIID	-346.0424	1.7317	6.5558	0.0000	-19.0864	2.1791
85	1622	Load Combinations: AASHTO-II-S	-223.8352	0.3806	-0.0416	0.0000	-0.0211	0.5638
85	1622	Load Combinations: AASHTO-III-S	-198.9096	1.1723	0.4473	0.0000	-0.5237	1.5188
85	1622	Load Combinations: AASHTO-III-E	-262.8954	1.0845	1.4448	0.0000	-1.5678	1.3637
85	1622	Load Combinations: AASHTO-VIIA-S	-297.1692	4.8947	2.1662	0.0000	-2.3551	5.4978
85	1622	Load Combinations: AASHTO-VIIB-S	-307.2557	1.3053	7.3429	0.0000	-7.7834	1.6979
86	1622	Load Combinations: AASHTO-I	372.8791	-0.0817	-0.0068	0.0000	0.0309	-1.4087
86	1623	Load Combinations: AASHTO-II	258.8154	-1.3409	-0.4726	0.0000	0.8780	-1.9820

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
86	1622	Load Combinations: AASHTO-III	359.7279	-1.3245	-1.4542	0.0000	2.0570	-1.9060
86	1622	Load Combinations: AASHTO-VIIA	368.4554	-4.8729	-2.1609	0.0000	5.0466	-7.0914
86	1622	Load Combinations: AASHTO-VIIB	399.6219	-1.5086	-7.1775	0.0000	19.6746	-2.1917
86	1622	Load Combinations: AASHTO-VIIC	332.9330	-4.8707	-2.1583	0.0000	5.0492	-7.1032
86	1622	Load Combinations: AASHTO-VIID	346.0402	-1.5095	-7.1693	0.0000	19.0864	-2.1791
86	1622	Load Combinations: AASHTO-II-S	223.8352	-0.3780	-0.0064	0.0000	0.0211	-0.5638
86	1622	Load Combinations: AASHTO-III-S	198.9096	-1.0373	-0.3637	0.0000	0.5237	-1.5188
86	1622	Load Combinations: AASHTO-III-E	262.8953	-0.9388	-1.1177	0.0000	1.5678	-1.3637
86	1622	Load Combinations: AASHTO-VIIA-S	297.1685	-3.8341	-1.5629	0.0000	2.3551	-5.4978
86	1622	Load Combinations: AASHTO-VIIB-S	307.2544	-1.1657	-5.5217	0.0000	7.7834	-1.6979
86	1623	Load Combinations: AASHTO-I	-376.2077	0.9912	0.0087	0.0000	-0.0222	0.4274
86	1623	Load Combinations: AASHTO-II	-262.1440	1.3451	0.4734	0.0000	-0.2056	0.6186
86	1623	Load Combinations: AASHTO-III	-363.2584	1.3237	1.4039	0.0000	-0.6032	0.5821
86	1623	Load Combinations: AASHTO-VIIA	-385.9646	4.8703	2.1600	0.0000	-0.9867	2.1206
86	1623	Load Combinations: AASHTO-VIIB	-403.1505	1.5075	7.1747	0.0000	-2.8998	0.6739
86	1623	Load Combinations: AASHTO-VIIC	-335.5795	4.9089	2.1576	0.0000	-0.9915	2.1341
86	1623	Load Combinations: AASHTO-VIID	-348.6867	1.5058	7.1674	0.0000	-2.9180	0.6731
86	1623	Load Combinations: AASHTO-II-S	-226.5495	0.3778	0.0064	0.0000	-0.0147	0.1860
86	1623	Load Combinations: AASHTO-III-S	-201.6239	1.0368	0.3639	0.0000	-0.1600	0.4816
86	1623	Load Combinations: AASHTO-III-E	-265.6096	0.9384	1.1173	0.0000	-0.4704	0.4252
86	1623	Load Combinations: AASHTO-VIIA-S	-299.8828	3.8328	1.6624	0.0000	-0.6927	1.6848
86	1623	Load Combinations: AASHTO-VIIB-S	-309.9687	1.1651	5.5201	0.0000	-2.2932	0.5327
87	1623	Load Combinations: AASHTO-I	376.2076	-0.4277	-0.0223	0.0000	0.0223	-0.4274
87	1623	Load Combinations: AASHTO-II	262.1439	-0.8171	-0.2057	0.0000	0.2056	-0.6186
87	1623	Load Combinations: AASHTO-III	363.2581	-0.5825	-0.5036	0.0000	0.6032	-0.5821
87	1623	Load Combinations: AASHTO-VIIA	386.9817	-2.1222	-0.8872	0.0000	0.8867	-2.1206
87	1623	Load Combinations: AASHTO-VIIB	403.1471	-0.6745	-2.9015	0.0000	2.8998	-0.6739
87	1623	Load Combinations: AASHTO-VIIC	335.5772	-2.1352	-0.8920	0.0000	0.8915	-2.1341
87	1623	Load Combinations: AASHTO-VIID	348.6833	-0.6736	-2.9033	0.0000	2.9190	-0.6731
87	1623	Load Combinations: AASHTO-II-S	226.5495	-0.1661	-0.0147	0.0000	0.0147	-0.1860
87	1623	Load Combinations: AASHTO-III-S	201.6239	-0.4621	-0.1601	0.0000	0.1600	-0.4816
87	1623	Load Combinations: AASHTO-III-E	265.6094	-0.4254	-0.4707	0.0000	0.4704	-0.4252
87	1623	Load Combinations: AASHTO-VIIA-S	299.8814	-1.6858	-0.6930	0.0000	0.6927	-1.6848
87	1623	Load Combinations: AASHTO-VIIB-S	309.9667	-0.5330	-2.2642	0.0000	2.2932	-0.5327

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
97	1624	Load Combinations: AASHTO-I	-578.7363	0.4272	0.0221	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-II	-295.6725	0.6163	0.2053	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-III	-366.7847	0.5818	0.9530	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIIA	-393.5103	2.1196	0.8864	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIIB	-406.6757	0.6735	2.8969	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIIC	-338.2237	2.1334	0.8813	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIID	-351.3298	0.6729	2.9184	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-I-S	-229.2639	0.1859	0.0147	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-II-S	-204.9361	0.4815	0.1400	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-III-S	-266.3238	0.4250	0.4703	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIIA-S	-302.5957	1.6843	0.6925	0.0000	0.0000	0.0000
97	1624	Load Combinations: AASHTO-VIIB-S	-312.8818	0.5334	2.2627	0.0000	0.0000	0.0000
98	1451	Load Combinations: AASHTO-I	333.8634	0.9488	-1.8344	0.0000	10.8446	20.5626
98	1451	Load Combinations: AASHTO-II	200.2640	0.8711	0.4720	0.0000	4.9404	35.7727
98	1451	Load Combinations: AASHTO-III	259.5750	7.6100	2.9137	0.0000	5.8014	27.8341
98	1451	Load Combinations: AASHTO-VIIA	259.1025	24.8472	0.2688	-0.0001	2.8167	76.8411
98	1451	Load Combinations: AASHTO-VIIB	65.7953	8.9188	20.9689	-0.0002	-14.2047	53.0802
98	1451	Load Combinations: AASHTO-VIIC	215.3894	24.0178	5.4245	-0.0001	1.4746	73.2264
98	1451	Load Combinations: AASHTO-VIID	22.2304	8.1104	21.0573	-0.0001	-15.1308	27.5010
98	1451	Load Combinations: AASHTO-I-S	193.8777	3.3639	-0.8167	0.0000	6.0359	15.0017
98	1451	Load Combinations: AASHTO-II-S	154.0406	6.8229	0.3958	0.0000	3.8196	27.4868
98	1451	Load Combinations: AASHTO-III-S	166.0079	5.6329	2.2672	0.0000	4.1213	21.2325
98	1451	Load Combinations: AASHTO-VIIA-S	199.2876	18.0894	4.0242	-0.0001	2.1506	60.3410
98	1451	Load Combinations: AASHTO-VIIB-S	50.6971	6.9509	16.0975	-0.0001	-10.7279	25.4022
98	1625	Load Combinations: AASHTO-I	-337.3821	-5.6492	1.6340	0.0000	-8.2106	-14.9142
98	1625	Load Combinations: AASHTO-II	-203.7928	-6.8714	-0.4728	0.0000	-5.4127	-26.9021
98	1625	Load Combinations: AASHTO-III	-263.2037	-7.6106	-2.9157	0.0000	-8.8158	-20.0246
98	1625	Load Combinations: AASHTO-VIIA	-262.9311	-24.8503	-0.2726	0.0001	-7.8875	-53.7947
98	1625	Load Combinations: AASHTO-VIIB	-69.2940	-8.9185	-20.9769	0.0002	-6.7679	-24.1813
98	1625	Load Combinations: AASHTO-VIIC	-218.8958	-24.0205	-5.4245	0.0001	-6.8997	-49.2083
98	1625	Load Combinations: AASHTO-VIID	-24.8789	-8.1138	-21.0632	0.0001	-5.8282	-19.6904
98	1625	Load Combinations: AASHTO-I-S	-196.8820	-3.3637	0.8166	0.0000	-5.1190	-12.5383
98	1625	Load Combinations: AASHTO-II-S	-156.7549	-6.8228	-0.3963	0.0000	-4.1759	-25.8645
98	1625	Load Combinations: AASHTO-III-S	-168.7221	-5.6331	-2.2663	0.0000	-6.4088	-15.6000

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
99	1625	Load Combinations: AASHTO-VIIA-S	-202.0020	-19.0912	-4.0258	0.0001	-6.1253	-41.2521
99	1625	Load Combinations: AASHTO-VIIB-S	-53.4114	-6.8512	-16.0717	0.0001	-5.3412	-18.5512
99	1625	Load Combinations: AASHTO-I	337.3817	5.3043	-1.6267	0.0000	8.2106	14.9142
99	1625	Load Combinations: AASHTO-II	203.7918	6.3844	0.3198	0.0000	5.4127	26.9021
99	1625	Load Combinations: AASHTO-III	263.2035	7.1399	2.4271	0.0000	8.8156	20.0246
99	1625	Load Combinations: AASHTO-VIIA	262.9283	23.0968	4.5397	-0.0001	7.8875	53.7947
99	1625	Load Combinations: AASHTO-VIIB	69.2960	8.3659	18.5178	-0.0001	6.7676	24.1813
99	1625	Load Combinations: AASHTO-VIIC	218.8936	22.2662	4.6868	-0.0001	6.8997	49.2083
99	1625	Load Combinations: AASHTO-VIID	24.8823	7.5635	18.6095	-0.0001	5.8282	19.6904
99	1625	Load Combinations: AASHTO-I-S	196.8818	3.2221	-0.9095	0.0000	5.1190	12.5383
99	1625	Load Combinations: AASHTO-II-S	156.7544	6.4449	0.2397	0.0000	4.1755	25.8645
99	1625	Load Combinations: AASHTO-III-S	168.7220	5.2957	1.9154	0.0000	6.4088	15.6000
99	1625	Load Combinations: AASHTO-VIIA-S	202.0003	17.7347	3.4850	-0.0001	6.1253	41.2521
99	1625	Load Combinations: AASHTO-VIIB-S	53.4146	6.4252	14.1851	-0.0001	5.3412	18.5512
99	1626	Load Combinations: AASHTO-I	-340.9203	-5.3049	1.6265	0.0000	-7.5842	-9.8103
99	1626	Load Combinations: AASHTO-II	-207.3204	-6.3851	-0.3205	0.0000	-5.7329	-18.5180
99	1626	Load Combinations: AASHTO-III	-266.7321	-7.1407	-2.4259	0.0000	-11.2439	-12.8849
99	1626	Load Combinations: AASHTO-VIIA	-266.1569	-23.1005	-4.5422	0.0001	-12.4260	-30.8984
99	1626	Load Combinations: AASHTO-VIIB	-72.6179	-8.3669	-18.5236	0.0001	-25.2868	-15.7952
99	1626	Load Combinations: AASHTO-VIIC	-220.8801	-22.2662	-4.6874	0.0001	-11.5958	-26.9454
99	1626	Load Combinations: AASHTO-VIID	-27.5298	-7.5645	-18.6103	0.0001	-24.5415	-12.1288
99	1626	Load Combinations: AASHTO-I-S	-199.4091	-3.2232	0.9094	0.0000	-6.2096	-9.3183
99	1626	Load Combinations: AASHTO-II-S	-159.4668	-6.4453	-0.2401	0.0000	-4.4154	-14.2188
99	1626	Load Combinations: AASHTO-III-S	-191.4364	-5.2962	-1.9164	0.0000	-8.3246	-10.3044
99	1626	Load Combinations: AASHTO-VIIA-S	-204.7146	-17.7369	-3.4884	0.0001	-9.5908	-23.5178
99	1626	Load Combinations: AASHTO-VIIB-S	-56.1289	-6.4257	-14.1897	0.0001	-19.5283	-12.1259
100	1626	Load Combinations: AASHTO-I	340.9202	4.8537	-1.5711	0.0000	7.5842	9.8103
100	1626	Load Combinations: AASHTO-II	207.3201	7.4532	0.0860	0.0000	5.7329	18.5180
100	1626	Load Combinations: AASHTO-III	266.7325	6.2801	1.8452	0.0000	11.2436	12.8849
100	1626	Load Combinations: AASHTO-VIIA	266.1569	19.8111	3.3431	-0.0001	12.4260	30.8984
100	1626	Load Combinations: AASHTO-VIIB	72.6283	7.3485	14.4247	-0.0001	25.2868	15.7952
100	1626	Load Combinations: AASHTO-VIIC	220.8826	19.1095	3.4971	-0.0001	11.5958	26.9434
100	1626	Load Combinations: AASHTO-VIID	27.5303	6.5764	14.5228	-0.0001	24.5415	12.1288
100	1626	Load Combinations: AASHTO-I-S	199.4090	2.9319	-0.8763	0.0000	6.2096	9.3183

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
100	1626	Load Combinations: AASHTO-II-S	159.4686	5.7270	0.0811	0.0000	6.4154	14.2188
100	1626	Load Combinations: AASHTO-III-S	191.4366	4.6643	1.3161	0.0000	8.3246	10.3044
100	1626	Load Combinations: AASHTO-VBA-S	204.7158	15.2827	2.5469	-0.0001	9.5868	23.5176
100	1626	Load Combinations: AASHTO-VBB-S	56.1351	5.6432	11.0446	-0.0001	19.5283	12.1259
100	1627	Load Combinations: AASHTO-I	-344.4489	-4.8545	1.5719	0.0000	-6.0134	-4.9568
100	1627	Load Combinations: AASHTO-II	-210.8497	-7.4541	-0.0668	0.0000	-5.8191	-11.0649
100	1627	Load Combinations: AASHTO-III	-270.2611	-6.2611	-1.8469	0.0000	-7.8895	-8.6250
100	1627	Load Combinations: AASHTO-VBA	-268.0876	-19.9153	-3.3454	0.0001	-15.7719	-10.7873
100	1627	Load Combinations: AASHTO-VBB	-76.3570	-7.3467	-14.4322	0.0001	-39.7169	-8.4463
100	1627	Load Combinations: AASHTO-VBC	-223.5391	-19.1127	-3.4988	0.0001	-15.0935	-7.8339
100	1627	Load Combinations: AASHTO-VBD	-30.1859	-6.5775	-14.0283	0.0001	-39.0668	-5.5498
100	1627	Load Combinations: AASHTO-II-S	-202.1203	-2.9320	0.6762	0.0000	-2.3335	-6.3846
100	1627	Load Combinations: AASHTO-III-S	-192.1829	-5.7275	-0.0614	0.0000	-4.4767	-8.4929
100	1627	Load Combinations: AASHTO-IB-S	-194.1509	-4.6648	-1.3170	0.0000	-9.6411	-5.8401
100	1627	Load Combinations: AASHTO-VBA-S	-207.4301	-15.2852	-2.5503	0.0001	-12.1402	-8.2348
100	1627	Load Combinations: AASHTO-VBB-S	-58.8484	-5.6439	-11.0490	0.0001	-30.5748	-6.4825
101	1627	Load Combinations: AASHTO-I	344.4489	3.7863	-1.4591	0.0000	6.0134	4.9568
101	1627	Load Combinations: AASHTO-II	210.8488	6.1913	-0.1702	0.0000	5.8191	11.0649
101	1627	Load Combinations: AASHTO-III	270.2618	5.0904	0.7298	0.0000	12.8895	6.6250
101	1627	Load Combinations: AASHTO-VBA	269.9930	15.7633	1.9159	-0.0001	15.7719	10.7872
101	1627	Load Combinations: AASHTO-VBB	76.3693	5.9888	9.4031	-0.0001	39.7169	8.4463
101	1627	Load Combinations: AASHTO-VBC	223.5547	15.0239	2.0833	-0.0001	15.0935	7.8339
101	1627	Load Combinations: AASHTO-VBD	30.1991	5.3859	9.5571	-0.0001	39.0668	5.5498
101	1627	Load Combinations: AASHTO-II-S	202.1203	2.5198	-0.8122	0.0000	3.3335	6.3846
101	1627	Load Combinations: AASHTO-III-S	192.1830	4.7963	-0.1364	0.0000	4.4767	8.4929
101	1627	Load Combinations: AASHTO-IB-S	194.1512	3.8212	0.8125	0.0000	9.6411	5.8401
101	1627	Load Combinations: AASHTO-VBA-S	207.4333	12.0059	1.4569	0.0000	12.1402	8.2348
101	1627	Load Combinations: AASHTO-VBB-S	58.8566	4.8072	7.2316	-0.0001	30.5748	6.4825
101	1628	Load Combinations: AASHTO-I	-347.9776	-3.7871	1.4590	0.0000	-4.5545	-1.1706
101	1628	Load Combinations: AASHTO-II	-214.3775	-6.1525	0.1747	0.0000	-5.6442	-4.8735
101	1628	Load Combinations: AASHTO-IB	-273.7904	-5.0915	-0.7312	0.0000	-13.6199	-1.5345
101	1628	Load Combinations: AASHTO-VBA	-273.2216	-15.7677	-1.9181	0.0001	-17.6867	4.9768
101	1628	Load Combinations: AASHTO-VBB	-79.8679	-6.0011	-9.4600	0.0001	-40.1732	-2.4460
101	1628	Load Combinations: AASHTO-VBC	-225.9612	-15.0263	-2.0649	0.0001	-17.1574	7.1695

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
101	1628	Load Combinations: AASHTO-VBD	-32.9446	-5.2889	-9.5622	0.0001	-40.6264	-0.2634
101	1628	Load Combinations: AASHTO-II-S	-204.8346	-2.5200	0.8122	0.0000	-2.5213	-3.8649
101	1628	Load Combinations: AASHTO-III-S	-164.8973	-4.7570	0.1361	0.0000	-4.3364	-3.7365
101	1628	Load Combinations: AASHTO-IB-S	-196.8656	-3.8218	-0.8133	0.0000	-10.2539	-1.8189
101	1628	Load Combinations: AASHTO-VBA-S	-210.1477	-12.0985	-1.4581	0.0000	-13.5975	3.8614
101	1628	Load Combinations: AASHTO-VBB-S	-61.5710	-4.8078	-7.2358	0.0001	-37.8083	-1.8751
102	1628	Load Combinations: AASHTO-I	347.9778	2.7981	-1.2947	0.0000	4.5545	1.1706
102	1628	Load Combinations: AASHTO-II	214.3779	4.7326	-0.4229	0.0000	5.6442	4.8735
102	1628	Load Combinations: AASHTO-III	273.7913	3.7612	-0.1661	0.0000	13.6199	1.5345
102	1628	Load Combinations: AASHTO-VBA	273.2286	11.1360	0.4957	-0.0001	17.6867	-4.9768
102	1628	Load Combinations: AASHTO-VBB	79.8084	4.4868	4.2846	-0.0001	40.1732	2.4460
102	1628	Load Combinations: AASHTO-VBC	220.9681	10.4855	0.5913	-0.0001	17.1574	-7.1696
102	1628	Load Combinations: AASHTO-VBD	32.8581	3.8366	4.3716	-0.0001	40.6264	0.2634
103	1628	Load Combinations: AASHTO-I-S	204.8346	2.0249	-0.7196	0.0000	2.5213	3.8649
103	1628	Load Combinations: AASHTO-II-S	164.8975	3.6353	-0.3275	0.0000	4.3364	3.7365
103	1628	Load Combinations: AASHTO-III-S	196.8660	2.8084	-0.0950	0.0000	10.2539	1.8189
103	1628	Load Combinations: AASHTO-VBA-S	210.1518	8.5439	0.3309	0.0000	13.5975	-3.8614
103	1628	Load Combinations: AASHTO-VBB-S	61.5777	3.4239	3.2033	0.0000	37.8083	1.8751
103	1629	Load Combinations: AASHTO-I	-351.5064	-2.7990	1.2947	0.0000	-3.2400	1.6286
103	1629	Load Combinations: AASHTO-II	-217.9095	-4.7336	0.4225	0.0000	-5.2215	-0.1467
103	1629	Load Combinations: AASHTO-III	-277.3198	-3.7624	0.1669	0.0000	-13.4324	2.2289
103	1629	Load Combinations: AASHTO-VBA	-276.7572	-11.1403	-0.4975	0.0001	-18.1453	16.1137
103	1629	Load Combinations: AASHTO-VBB	-83.4391	-4.4681	-4.2706	0.0001	-53.4407	2.0214
103	1629	Load Combinations: AASHTO-VBC	-226.8346	-10.4888	-0.5926	0.0001	-17.7493	17.6757
103	1629	Load Combinations: AASHTO-VBD	-35.5029	-3.8376	-4.3702	0.0001	-53.0092	3.5736
103	1629	Load Combinations: AASHTO-I-S	-207.5490	-2.0251	0.7196	0.0000	-1.8018	-1.8401
103	1629	Load Combinations: AASHTO-II-S	-167.6119	-3.6360	0.3273	0.0000	-4.0711	-0.1011
103	1629	Load Combinations: AASHTO-III-S	-199.5803	-2.8092	0.0943	0.0000	-10.1092	1.0396
103	1629	Load Combinations: AASHTO-VBA-S	-212.8651	-8.5465	-0.3410	0.0000	-13.8380	12.4060
103	1629	Load Combinations: AASHTO-VBB-S	-64.2921	-5.4307	-3.2570	0.0000	-41.0633	1.5551
103	1629	Load Combinations: AASHTO-I	351.5067	1.7881	-1.0903	0.0000	3.2400	-1.8286
103	1629	Load Combinations: AASHTO-II	217.9070	3.2122	-0.6287	0.0000	5.2215	0.1467
103	1629	Load Combinations: AASHTO-III	277.3205	2.3998	-1.0096	0.0000	13.4324	-2.2289
103	1629	Load Combinations: AASHTO-VBA	276.7640	6.4764	-0.6836	0.0000	18.1453	-16.1138

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RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
103	1629	Load Combinations: AASHTO-VBB	83.4471	2.8928	-0.8091	0.0000	53.4407	-2.0214
103	1629	Load Combinations: AASHTO-VBC	228.5412	5.9369	-0.7644	0.0000	17.7493	-17.6757
103	1629	Load Combinations: AASHTO-VBD	99.5116	2.3663	-0.5091	0.0000	53.0002	-3.5736
103	1629	Load Combinations: AASHTO-II	207.5490	1.4912	-0.8052	0.0000	1.8018	1.8401
103	1629	Load Combinations: AASHTO-II-S	167.8122	2.4876	-0.4845	0.0000	4.0111	0.1011
103	1629	Load Combinations: AASHTO-IB-S	199.5807	1.8667	-0.7304	0.0000	10.1992	-1.0399
103	1629	Load Combinations: AASHTO-VBA-S	212.8701	4.9883	-0.8841	0.0000	13.9380	-12.4060
103	1629	Load Combinations: AASHTO-VBB-S	84.2974	3.2213	-0.4803	0.0000	41.9639	-1.5551
103	1630	Load Combinations: AASHTO-I	-355.0353	-1.7570	1.0903	0.0000	-2.1698	3.4149
103	1630	Load Combinations: AASHTO-II	-221.4357	-3.2134	0.8284	0.0000	-4.5891	3.0719
103	1630	Load Combinations: AASHTO-IB	-280.8492	-2.5998	1.0088	0.0000	-12.4234	4.8258
103	1630	Load Combinations: AASHTO-VBA	-280.2826	-6.4905	0.8520	0.0000	-17.2626	22.5916
103	1630	Load Combinations: AASHTO-VBB	-86.8757	-2.8939	0.6007	0.0000	-52.8373	4.9145
103	1630	Load Combinations: AASHTO-VBC	-231.2877	-5.9400	0.7832	0.0000	-16.9856	23.6137
103	1630	Load Combinations: AASHTO-VBD	-36.1591	-2.3662	0.4961	0.0000	-52.5021	5.8394
103	1630	Load Combinations: AASHTO-II-S	-210.2633	-1.4915	0.8052	0.0000	-1.1968	-0.3488
103	1630	Load Combinations: AASHTO-IB-S	-170.3295	-2.4983	0.4843	0.0000	-3.5267	2.3987
103	1630	Load Combinations: AASHTO-IB-S	-202.2950	-1.8674	0.7298	0.0000	-9.4252	2.9087
103	1630	Load Combinations: AASHTO-VBA-S	-215.0844	-4.8717	0.8831	0.0000	-13.2544	17.3782
103	1630	Load Combinations: AASHTO-VBB-S	-67.6117	-2.2221	0.4778	0.0000	-40.5848	3.7767
104	1630	Load Combinations: AASHTO-I	355.0359	0.8314	-0.9625	0.0000	2.1698	-3.4149
104	1630	Load Combinations: AASHTO-II	221.4362	1.7350	-0.7753	0.0000	4.5931	-3.0719
104	1630	Load Combinations: AASHTO-IB	280.8497	1.1151	-1.0661	0.0000	12.4234	-4.8258
104	1630	Load Combinations: AASHTO-VBA	280.2982	2.1698	-1.0903	0.0000	17.2626	-22.5916
104	1630	Load Combinations: AASHTO-VBB	86.8815	1.4056	-4.7563	0.0000	52.8373	-4.9145
104	1630	Load Combinations: AASHTO-VBC	231.2939	1.7020	-1.8908	0.0000	16.9856	-23.6137
104	1630	Load Combinations: AASHTO-VBD	36.1639	0.0918	-4.8540	0.0000	52.5021	-5.8394
104	1630	Load Combinations: AASHTO-II-S	210.2634	0.9624	-0.4783	0.0000	1.1968	0.3489
104	1630	Load Combinations: AASHTO-IB-S	170.3298	1.3488	-0.5062	0.0000	3.5267	-2.3987
104	1630	Load Combinations: AASHTO-IB-S	202.2953	0.8271	-1.2407	0.0000	9.4252	-2.9087
104	1630	Load Combinations: AASHTO-VBA-S	215.5877	1.8681	-1.0299	0.0000	13.2544	-17.3782
104	1630	Load Combinations: AASHTO-VBB-S	67.0151	1.0797	-3.9605	0.0000	40.5848	-3.7767
104	1631	Load Combinations: AASHTO-I	-359.3642	-0.8322	0.9629	0.0000	-1.3074	4.2466
104	1631	Load Combinations: AASHTO-II	-224.9648	-1.7581	0.7751	0.0000	-3.8179	4.8273

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
104	1631	Load Combinations: AASHTO-IB	-284.3784	-1.1181	1.0853	0.0000	-10.7578	5.7413
104	1631	Load Combinations: AASHTO-VBA	-283.8268	-2.1733	1.0889	0.0000	-15.2732	24.7628
104	1631	Load Combinations: AASHTO-VBB	-86.5102	-1.4068	4.7517	0.0000	-48.0835	6.3207
104	1631	Load Combinations: AASHTO-VBC	-233.9395	-1.7546	1.8888	0.0000	-15.0954	25.3669
104	1631	Load Combinations: AASHTO-VBD	-40.8104	-0.0927	4.8526	0.0000	-47.8479	6.8316
104	1631	Load Combinations: AASHTO-II-S	-212.9777	-0.9627	0.4783	0.0000	-0.7183	0.6137
104	1631	Load Combinations: AASHTO-IB-S	-173.0411	-1.3495	0.5062	0.0000	-2.9307	3.7157
104	1631	Load Combinations: AASHTO-IB-S	-205.0097	-0.8277	1.2402	0.0000	-8.1888	3.8341
104	1631	Load Combinations: AASHTO-VBA-S	-218.3020	-1.8694	1.0291	0.0000	-11.7251	19.0431
104	1631	Load Combinations: AASHTO-VBB-S	-69.7296	-1.0804	3.9577	0.0000	-36.9257	4.8568
105	1631	Load Combinations: AASHTO-I	358.5644	0.0054	-0.6299	0.0000	1.3074	-4.2466
105	1631	Load Combinations: AASHTO-II	224.9652	0.4667	-0.8541	0.0000	3.8179	-4.8273
105	1631	Load Combinations: AASHTO-IB	284.3787	0.0049	-2.1149	0.0000	10.7578	-5.7413
105	1631	Load Combinations: AASHTO-VBA	283.8306	-1.4716	-2.7898	0.0000	15.2732	-24.7628
105	1631	Load Combinations: AASHTO-VBB	90.5132	0.1139	-7.9023	0.0000	48.0835	-6.3207
105	1631	Load Combinations: AASHTO-VBC	233.9431	-1.7668	-2.7121	0.0000	15.0954	-25.3669
105	1631	Load Combinations: AASHTO-VBD	40.8133	-0.1500	-7.9124	0.0000	47.8479	-6.8316
105	1631	Load Combinations: AASHTO-II-S	212.9778	0.4784	-0.5469	0.0000	0.7183	-0.6137
105	1631	Load Combinations: AASHTO-IB-S	173.0414	0.3613	-0.8509	0.0000	2.9307	-3.7157
105	1631	Load Combinations: AASHTO-IB-S	205.0098	0.1086	-1.5924	0.0000	8.1888	-3.8341
105	1631	Load Combinations: AASHTO-VBA-S	218.3043	-1.1263	-2.1408	0.0000	11.7251	-19.0431
105	1631	Load Combinations: AASHTO-VBB-S	69.7312	0.0881	-6.0704	0.0000	36.9257	-4.8568
105	1632	Load Combinations: AASHTO-I	-362.0939	-0.0062	0.6300	0.0000	-0.6775	4.2534
105	1632	Load Combinations: AASHTO-II	-228.4659	-0.4698	0.8539	0.0000	-2.9840	5.2965
105	1632	Load Combinations: AASHTO-IB	-287.9073	-0.0059	2.1136	0.0000	-8.6439	5.7467
105	1632	Load Combinations: AASHTO-VBA	-287.3093	1.4691	2.7868	0.0000	-12.4842	23.2931
105	1632	Load Combinations: AASHTO-VBB	-94.0418	-0.1150	7.8984	0.0000	-40.1834	6.4351
105	1632	Load Combinations: AASHTO-VBC	-236.5896	1.7644	2.7113	0.0000	-12.3840	23.8014
105	1632	Load Combinations: AASHTO-VBD	-43.4598	0.1842	7.8095	0.0000	-40.0371	6.7470
105	1632	Load Combinations: AASHTO-II-S	-215.6601	-0.4787	0.5469	0.0000	-0.3694	1.0923
105	1632	Load Combinations: AASHTO-IB-S	-175.7557	-0.3618	0.8558	0.0000	-2.2749	4.0773
105	1632	Load Combinations: AASHTO-IB-S	-207.7242	-0.1092	1.5920	0.0000	-6.5967	3.9429
105	1632	Load Combinations: AASHTO-VBA-S	-221.0199	1.1243	2.1401	0.0000	-9.5848	17.8178
105	1632	Load Combinations: AASHTO-VBB-S	-72.4459	-0.0868	6.0681	0.0000	-30.8568	4.9453

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
106	1632	Load Combinations: AASHTO-I	362.0951	-0.6345	-0.4105	0.0000	0.6775	-4.2524
106	1632	Load Combinations: AASHTO-II	228.4941	-0.5068	-0.8621	0.0000	2.3640	-5.2965
106	1632	Load Combinations: AASHTO-III	287.9075	-0.8551	-2.5391	0.0000	6.8439	-5.7467
106	1632	Load Combinations: AASHTO-VIIA	287.3815	-4.1996	-3.2354	0.0000	12.4642	-23.2951
106	1632	Load Combinations: AASHTO-VIIB	94.0429	-0.8542	-9.8522	0.0000	40.1634	-6.4351
106	1632	Load Combinations: AASHTO-VIIC	236.5916	-4.3626	-3.1767	0.0000	12.3640	-23.6614
106	1632	Load Combinations: AASHTO-VIID	43.4606	-1.0858	-9.7772	0.0000	40.0371	-6.7470
106	1632	Load Combinations: AASHTO-I-S	215.8823	0.0737	-0.2271	0.0000	0.3694	-1.0922
106	1632	Load Combinations: AASHTO-II-S	175.7559	-0.4262	-0.8615	0.0000	2.3749	-4.0773
106	1632	Load Combinations: AASHTO-III-S	207.7243	-0.5322	-1.7660	0.0000	6.5967	-3.9429
106	1632	Load Combinations: AASHTO-VIIA-S	221.0198	-3.2184	-2.4810	0.0000	9.5848	-17.9179
106	1632	Load Combinations: AASHTO-VIIB-S	72.4460	-0.6559	-7.5834	0.0000	30.9596	-4.9453
106	1633	Load Combinations: AASHTO-I	-365.8218	0.6337	0.4106	0.0000	-0.2670	3.8188
106	1633	Load Combinations: AASHTO-II	-232.0239	0.5056	0.8619	0.0000	-2.1021	4.7402
106	1633	Load Combinations: AASHTO-III	-291.4361	0.8542	2.5395	0.0000	-6.3143	4.8922
106	1633	Load Combinations: AASHTO-VIIA	-290.8901	4.1960	3.2340	0.0000	-9.2486	19.0955
106	1633	Load Combinations: AASHTO-VIIB	-97.5712	0.8552	9.8488	0.0000	-30.3303	5.5415
106	1633	Load Combinations: AASHTO-VIIC	-239.2381	4.3653	3.1780	0.0000	-9.2049	19.2204
106	1633	Load Combinations: AASHTO-VIID	-46.1071	1.0851	9.7747	0.0000	-30.2613	5.6815
106	1633	Load Combinations: AASHTO-I-S	-218.4065	-0.0740	0.2271	0.0000	-0.1423	1.1990
106	1633	Load Combinations: AASHTO-II-S	-178.4702	0.4256	0.8614	0.0000	-1.8134	3.6514
106	1633	Load Combinations: AASHTO-III-S	-210.4388	0.5317	1.7658	0.0000	-4.8311	3.4111
106	1633	Load Combinations: AASHTO-VIIA-S	-223.7342	3.2178	2.4805	0.0000	-7.1043	14.6867
106	1633	Load Combinations: AASHTO-VIIB-S	-75.1604	0.6853	7.5815	0.0000	-23.2944	4.2597
107	1633	Load Combinations: AASHTO-I	365.6218	-1.0403	-0.2211	0.0000	0.2670	-3.8188
107	1633	Load Combinations: AASHTO-II	232.0229	-1.2459	-0.7992	0.0000	2.1021	-4.7402
107	1633	Load Combinations: AASHTO-III	291.4362	-1.4015	-2.2985	0.0000	6.3149	-4.8922
107	1633	Load Combinations: AASHTO-VIIA	290.8909	-5.8144	-3.2958	0.0000	9.2496	-19.0955
107	1633	Load Combinations: AASHTO-VIIB	97.5707	-1.5458	-10.4699	0.0000	30.3333	-5.5415
107	1633	Load Combinations: AASHTO-VIIC	239.2388	-5.9046	-3.2611	0.0000	9.2048	-19.2204
107	1633	Load Combinations: AASHTO-VIID	46.1065	-1.8460	-10.4140	0.0000	30.2615	-5.6815
107	1633	Load Combinations: AASHTO-I-S	218.4065	-0.2218	-0.1218	0.0000	0.1423	-1.1990
107	1633	Load Combinations: AASHTO-II-S	178.4703	-0.9580	-0.8130	0.0000	1.8134	-3.6514
107	1633	Load Combinations: AASHTO-III-S	210.4389	-0.9483	-1.7498	0.0000	4.8311	-3.4111

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
107	1633	Load Combinations: AASHTO-VIIA-S	223.7347	-4.4606	-2.5271	0.0000	7.1043	-14.6867
107	1633	Load Combinations: AASHTO-VIIB-S	75.1600	-1.1884	-8.0357	0.0000	23.2944	-4.2597
107	1634	Load Combinations: AASHTO-I	-369.1505	1.0357	0.2212	0.0000	-0.2459	3.5786
107	1634	Load Combinations: AASHTO-II	-235.5516	1.2459	0.7991	0.0000	-1.7030	3.4949
107	1634	Load Combinations: AASHTO-III	-294.9648	1.4007	2.2980	0.0000	-4.8163	3.4913
107	1634	Load Combinations: AASHTO-VIIA	-294.4195	5.8118	3.2951	0.0000	-6.9545	13.2831
107	1634	Load Combinations: AASHTO-VIIB	-101.2863	1.5449	10.4670	0.0000	-19.8852	3.9961
107	1634	Load Combinations: AASHTO-VIIC	-241.8853	5.9033	3.2605	0.0000	-6.9444	13.3173
107	1634	Load Combinations: AASHTO-VIID	-46.7530	1.8453	10.4119	0.0000	-19.8465	4.0159
107	1634	Load Combinations: AASHTO-I-S	-221.1208	0.2214	0.1219	0.0000	-0.0204	0.8445
107	1634	Load Combinations: AASHTO-II-S	-181.1846	0.9555	0.8130	0.0000	-1.0005	2.4067
107	1634	Load Combinations: AASHTO-III-S	-213.1530	0.9478	1.7485	0.0000	-3.0815	2.4631
107	1634	Load Combinations: AASHTO-VIIA-S	-229.4491	4.4590	2.5267	0.0000	-4.5776	10.2403
107	1634	Load Combinations: AASHTO-VIIB-S	-77.6744	1.1859	8.0340	0.0000	-15.2599	3.0736
108	1634	Load Combinations: AASHTO-I	369.1505	-1.1703	-0.0757	0.0000	0.0459	-2.5786
108	1634	Load Combinations: AASHTO-II	235.5516	-1.5314	-0.6857	0.0000	1.3030	-3.4949
108	1634	Load Combinations: AASHTO-III	294.9646	-1.5779	-2.0074	0.0000	4.0163	-3.4913
108	1634	Load Combinations: AASHTO-VIIA	294.4193	-6.1363	-2.9447	0.0000	5.9545	-13.2831
108	1634	Load Combinations: AASHTO-VIIB	101.0979	-1.7709	-9.8362	0.0000	19.8852	-3.9961
108	1634	Load Combinations: AASHTO-VIIC	241.8859	-6.1637	-2.9283	0.0000	5.9444	-13.3173
108	1634	Load Combinations: AASHTO-VIID	46.7510	-1.8079	-9.8031	0.0000	19.8465	-4.0159
108	1634	Load Combinations: AASHTO-I-S	221.1208	-0.3808	-0.0415	0.0000	0.0204	-0.8445
108	1634	Load Combinations: AASHTO-II-S	181.1847	-1.1767	-0.5106	0.0000	1.0005	-2.4067
108	1634	Load Combinations: AASHTO-III-S	213.1529	-1.0980	-1.5341	0.0000	3.0815	-2.4631
108	1634	Load Combinations: AASHTO-VIIA-S	226.4488	-4.7145	-2.2588	0.0000	4.5776	-10.2403
108	1634	Load Combinations: AASHTO-VIIB-S	77.6739	-1.3837	-7.3960	0.0000	15.2599	-3.0736
108	1635	Load Combinations: AASHTO-I	-372.6791	1.1697	0.0768	0.0000	0.0000	1.4067
108	1635	Load Combinations: AASHTO-II	-239.0802	1.5305	0.6856	0.0000	-0.6374	1.9641
108	1635	Load Combinations: AASHTO-III	-298.4934	1.5771	2.0069	0.0000	-2.0064	1.9139
108	1635	Load Combinations: AASHTO-VIIA	-297.9479	6.1357	2.9446	0.0000	-3.0104	7.1468
108	1635	Load Combinations: AASHTO-VIIB	-104.8295	1.7750	9.8335	0.0000	-10.2307	2.2206
108	1635	Load Combinations: AASHTO-VIIC	-244.5315	6.1618	2.9278	0.0000	-3.0166	7.1352
108	1635	Load Combinations: AASHTO-VIID	-51.3990	1.8073	9.8011	0.0000	-10.2466	2.2084
108	1635	Load Combinations: AASHTO-I-S	-223.8352	0.3806	0.0416	0.0000	0.0211	0.8439

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
108	1635	Load Combinations: AASHTO-II-S	-183.8690	1.1762	0.5106	0.0000	-0.4899	1.5185
108	1635	Load Combinations: AASHTO-III-S	-215.9673	1.0976	1.5339	0.0000	-1.5477	1.3654
108	1635	Load Combinations: AASHTO-VIIIA-S	-229.1630	4.7130	3.2584	0.0000	-2.3191	5.5270
108	1635	Load Combinations: AASHTO-VIIIB-S	-40.5879	1.3832	7.3945	0.0000	-7.8647	1.7101
109	1635	Load Combinations: AASHTO-I	572.8791	-0.9917	0.0068	0.0000	-0.0309	-1.4087
109	1635	Load Combinations: AASHTO-II	339.0802	-1.3465	-0.4601	0.0000	0.6274	-1.9641
109	1635	Load Combinations: AASHTO-III	298.4833	-1.3275	-1.4396	0.0000	2.0094	-1.9139
109	1635	Load Combinations: AASHTO-VIIIA	287.8467	-4.9563	-2.1488	0.0000	3.0134	-7.1468
109	1635	Load Combinations: AASHTO-VIIIB	104.6245	-1.5190	-7.2132	0.0000	10.2307	-2.2206
109	1635	Load Combinations: AASHTO-VIIC	344.5303	-4.9856	-2.1471	0.0000	3.0166	-7.1552
109	1635	Load Combinations: AASHTO-VIID	91.3959	-1.5132	-7.2065	0.0000	10.2499	-2.2084
109	1635	Load Combinations: AASHTO-I-S	323.8352	-0.3780	0.0064	0.0000	-0.0211	-0.5639
109	1635	Load Combinations: AASHTO-II-S	183.8690	-1.0374	-0.3531	0.0000	0.4899	-1.5193
109	1635	Load Combinations: AASHTO-III-S	215.8672	-0.9394	-1.1052	0.0000	1.5477	-1.3654
109	1635	Load Combinations: AASHTO-VIIIA-S	229.1626	-3.8425	-1.6511	0.0000	2.3191	-5.5270
109	1635	Load Combinations: AASHTO-VIIIB-S	80.5906	-1.1677	-5.5393	0.0000	7.8647	-1.7101
109	1636	Load Combinations: AASHTO-I	-376.2077	0.9812	-0.0067	0.0000	0.0222	0.4274
109	1636	Load Combinations: AASHTO-II	-242.8089	1.3455	0.4600	0.0000	-0.1774	0.6181
109	1636	Load Combinations: AASHTO-III	-302.0218	1.3267	1.4395	0.0000	-0.5689	0.5468
109	1636	Load Combinations: AASHTO-VIIIA	-301.4704	4.9868	2.1482	0.0000	-0.8621	2.1393
109	1636	Load Combinations: AASHTO-VIIIB	-108.1530	1.5181	7.2106	0.0000	-3.0180	0.7023
109	1636	Load Combinations: AASHTO-VIIC	-247.1768	4.9842	2.1466	0.0000	-0.8589	2.1707
109	1636	Load Combinations: AASHTO-VIID	-54.0423	1.5126	7.2044	0.0000	-3.0414	0.6955
109	1636	Load Combinations: AASHTO-I-S	-229.5495	0.3778	-0.0064	0.0000	0.0147	0.1880
109	1636	Load Combinations: AASHTO-II-S	-166.6133	1.0368	0.3531	0.0000	-0.1366	0.4822
109	1636	Load Combinations: AASHTO-III-S	-218.5815	0.9390	1.1050	0.0000	-0.4427	0.4262
109	1636	Load Combinations: AASHTO-VIIIA-S	-231.8768	3.8410	1.6507	0.0000	-0.6684	1.6859
109	1636	Load Combinations: AASHTO-VIIIB-S	-83.3006	1.1672	5.5379	0.0000	-2.3283	0.5427
110	1636	Load Combinations: AASHTO-I	376.2076	-0.4277	0.0222	0.0000	-0.0222	-0.4274
110	1636	Load Combinations: AASHTO-II	242.8088	-0.8196	-0.1775	0.0000	0.1774	-0.6181
110	1636	Load Combinations: AASHTO-III	302.0218	-0.5874	-0.5701	0.0000	0.5698	-0.5469
110	1636	Load Combinations: AASHTO-VIIIA	301.4731	-2.1608	-0.8625	0.0000	0.8621	-2.1393
110	1636	Load Combinations: AASHTO-VIIIB	108.1496	-0.7028	-3.0254	0.0000	3.0190	-0.7023
110	1636	Load Combinations: AASHTO-VIIC	247.1746	-2.1718	-0.8703	0.0000	0.8698	-2.1707

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (m-ton)	Force Y (m-ton)	Force Z (m-ton)	Moment X (m-ton-m)	Moment Y (m-ton-m)	Moment Z (m-ton-m)
110	1636	Load Combinations: AASHTO-VIID	54.0392	-0.6958	-1.0424	0.0000	1.0414	-0.6955
110	1636	Load Combinations: AASHTO-I-S	229.5495	-0.1881	0.0147	0.0000	-0.0147	-0.1880
110	1636	Load Combinations: AASHTO-II-S	166.6132	-0.4825	-0.1368	0.0000	0.1368	-0.4822
110	1636	Load Combinations: AASHTO-III-S	218.5814	-0.4265	-0.4429	0.0000	0.4427	-0.4262
110	1636	Load Combinations: AASHTO-VIIIA-S	231.8768	-1.6864	-0.6687	0.0000	0.6684	-1.6859
110	1636	Load Combinations: AASHTO-VIIIB-S	83.2981	-0.5429	-2.3271	0.0000	2.3283	-0.5427
110	1637	Load Combinations: AASHTO-I	-379.7363	0.4272	-0.0221	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-II	-246.1373	0.8178	0.1774	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-III	-305.3503	0.5866	0.5699	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIIIA	-305.3017	2.1583	0.8619	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIIIB	-111.6784	0.7019	3.0179	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIIC	-249.8211	2.1700	0.8699	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIID	-58.6857	0.6952	1.0406	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-I-S	-229.2639	0.1858	-0.0147	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-II-S	-169.3275	0.4820	0.1368	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-III-S	-221.2857	0.4260	0.4426	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIIIA-S	-234.5899	1.6850	0.6683	0.0000	0.0000	0.0000
110	1637	Load Combinations: AASHTO-VIIIB-S	-86.0134	0.5424	2.3257	0.0000	0.0000	0.0000

DISEÑO DE VIGA METÁLICA DE 44.55 M

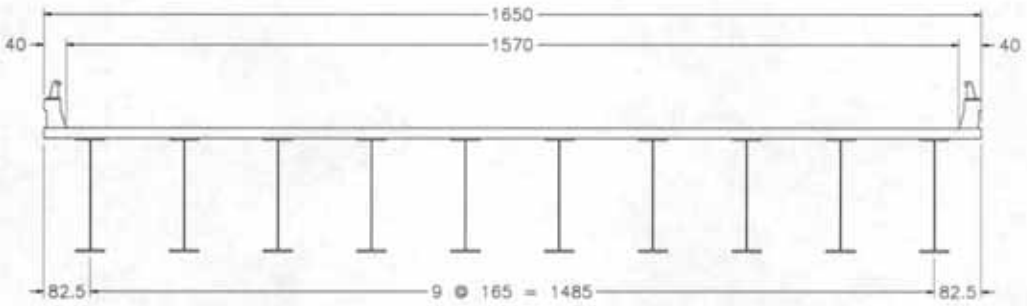
EJE 90

DISTRIBUIDOR JT

1. Sección transversal

Se diseñará una viga de 3 placas construida con acero A709-Grado 50, actuando en acción compuesta con una losa de concreto de 18 cms de espesor y una resistencia de f'c=350 kg/cm2. La viga tiene un claro entre ejes de apoyos de 43.95 metros.

La sección transversal del puente, al centro del claro se muestra en la siguiente figura:



2. Propiedades de la sección

La viga que se propone posee las siguientes dimensiones en pulgadas:

2.1 Propiedades de la sección

El cálculo de las propiedades de la viga se muestra en la siguiente tabla:

VIGA SOLA									
	B	**H**	**Area**	**y**	**Ay**	**d**	**I**	**Ad2**	**I+Ad2**
Alma	0.63	68.12	42.57	35.56	1513.80	3.76	16460.72	600.39	17061.11
Patín Superior	18.00	1.25	22.50	70.24	1580.43	38.44	2.93	33244.03	33246.96
Patín Inferior	22.00	1.50	33.00	0.75	24.75	-31.05	6.19	31820.95	31827.14
Losa de Concreto	9.01	0.00	0.00	70.87	0.00	39.06	0.00	0.00	0.00
TOTAL		**70.87**	**98.07**		**3118.97**				**82135.21**
				C2	**31.80**			**S2**	**2582.65**
				C1	**39.06**			**S1**	**2102.61**

2.2 Propiedades de la sección compuesta

El ancho efectivo de losa que trabaja en acción compuesta con la viga al centro del claro es igual a:

$$Befectivo = \frac{Blosa}{N} = \frac{64.96}{7.21} = 9.0 \text{ in}$$

Las propiedades de la sección compuesta se muestran en la siguiente tabla:

VIGA COMPUESTA									
	B	H	Area	y	Ay	d	I	Ad2	I+Ad2
Alma	0.63	68.12	42.57	35.56	1513.80	-13.04	16460.72	7244.23	23704.95
Patín Superior	18.00	1.25	22.50	70.24	1580.43	21.64	2.93	10535.02	10537.95
Patín Inferior	22.00	1.50	33.00	0.75	24.75	-47.85	6.19	75566.00	75572.19
Losa de Concreto	9.01	7.09	63.84	74.41	4750.62	25.81	267.19	42519.64	42786.83
TOTAL		**77.95**	**161.92**		**7869.60**				**152601.91**
				C2	**48.60**			**S2 patín**	**3139.78**
				C1	**29.35**			**S1 patín**	**6854.37**

2.3 Propiedades de la sección compuesta a largo plazo

Para el cálculo de esfuerzos en la viga, bajo cargas permanentes, se modifica el ancho efectivo del patín de la losa que trabaja en acción compuesta de acuerdo a la siguiente expresión:

$$Befectivo = \frac{Blosa}{3N} = \frac{64.96}{3 \times 7.21} = 3.0 \text{ in}$$

VIGA COMPUESTA LARGO PLAZO									
	B	H	Area	y	Ay	d	I	Ad2	I+Ad2
Alma	0.63	68.12	42.57	35.56	1513.80	-3.84	16460.72	628.30	17089.02
Patín Superior	18.00	1.25	22.50	70.24	1580.43	30.84	2.93	21401.85	21404.78
Patín Inferior	22.00	1.50	33.00	0.75	24.75	-38.65	6.19	49295.42	49301.61
Losa de Concreto	3.00	7.09	21.28	74.41	1583.54	35.01	89.06	26084.26	26173.32
TOTAL		**77.95**	**119.35**		**4702.51**				**113968.73**
				C2	**39.40**			**S2 patín**	**2892.63**
				C1	**38.55**			**S1 patín**	**3621.92**

3. Claro de la viga

La longitud total de la viga es de 44500 mm, por lo que tomando el eje de apoyos a 300 mm del paño de la viga se obtiene que:

Claro = 44500 - 600 = 43,900 mm

4. Cargas Muertas antes de la acción compuesta

4.1 Peso Propio

$Wpp = 490\ lb/ft^3 \times 98.07/144\ ft^2 = 334\ lb/ft$

4.2 Losa

$Wlosa = 2{,}400 \times 0.20 \times 1.65 = 792\ kg/m = 532\ lb/ft$

4.3 Diafragmas

Se asumirá una carga por diafragmas igual a 34 lb/ft.

5. Cargas Muertas después de la acción compuesta

5.1 Carpeta

Wcarpeta = 2200 × 0.12 × 15.7 / 10 = 414 kg/m = 279 lb/ft

5.2 Guarnición y parapeto

Wguarnición = (530 + 530) / 10 = 106 kg/m = 71 lb/ft

6. Cargas Vivas

6.1 Carga viva

El momento y cortante máximo producido por un camión T3-S2-R4 en una línea es igual a:

$M_{T3\text{-}S2\text{-}R4}$= 605 Ton-m

$V_{T3\text{-}S2\text{-}R4}$= 57.5 Ton

6.2 Impacto

De acuerdo al inciso 3.8.2 del AASHTO el impacto se puede estimar como:

$$I = \frac{50}{L+125} = \frac{50}{144.2+125} = 0.19$$

6.3 Factor de distribución de línea

6.3.1 Factor de distribución de acuerdo al AASHTO

De acuerdo al reglamento del AASHTO, en su inciso 3.23.2, el factor de distribución de línea de carga para cada viga interior es igual a:

$$DFint = \frac{S}{11} = \frac{5.42}{11} = 0.49$$

6.3.2 Factor de distribución por COURBON

El factor de distribución por el método del COURBON, se puede expresar mediante la siguiente fórmula

$$DF = \frac{\Sigma P}{Nvigas} + \frac{\Sigma Mc}{Stablero}$$

Por lo que substituyendo se obtiene que:

Pv = 3 líneas

Mc = 9.9

$$FD_{2líneas} = 0.9 \times \frac{3}{10} + 0.9 \times \frac{9.9}{30.23} = 0.56$$

6.4 Elementos mecánicos bajo carga viva

Vviva+impacto = 1.19 × 0.56 × 57.5 T = 38.3 T = 84.5 k

Mviva+impacto = 1.19 × 0.56 × 605 T-m = 403.2 T-m = 2,917 k-ft

7. Fuerzas últimas

7.1 Determinación de Vu

El cortante último se puede estimar como:

$Vu = 1.3 \times (90) + 2.171 \times (84.5) = 300.4$ kips

7.2 Determinación de Mu

El momento último se puede estimar como:

$Mu = 1.3 \times (3241) + 2.171 \times (2917) = 10{,}546$ kip-ft

8. Revisión a flexión

8.1 Momento plástico

Si suponemos que la sección cumple con los criterios de esbeltez, indicados en el inciso 10.5.1 del reglamento del AASHTO, la capacidad de momento esta dada por el momento plástico de la sección compuesta.

De acuerdo con la sección compuesta, el eje neutro se localiza en el alma se obtiene que:

$C = 0.85 \times 4.979 \times 64.96 \times 7.087 = 1948$ k

$C' = (98.07 \times 50 - 1948) / 2 = 1478$ k

Substituyendo se obtiene que:

$$\bar{y} = \frac{1478 - 1125}{0.625 \times 50} = 11.3 \text{ in}$$

Por lo que el momento plástico es igual a:

Mp=1948×16.1+1125×11.925+353×5.65+1776×28.41+1650×57.57
Mp = 192,220 kip-in = 16,018 kip-ft > Mu

8.2 Revisión de esbeltez

De acuerdo al inciso 10.50.1.1.2, del reglamento del AASHTO La sección compuesta se considera compacta si:

$$\frac{2Dcp}{tw} \leq \frac{19230}{\sqrt{Fy}}$$

$$\frac{2 \times 11.3}{0.625} \leq \frac{19230}{\sqrt{Fy}}$$

∴ La sección es compacta

8.3 Revisión de ductilidad

De acuerdo al inciso 10.50.1.1.2, del reglamento del AASHTO, la sección compuesta debe satisfacer la siguiente expresión:

$$\left(\frac{Dp}{D'}\right) \leq 5$$

$$Dp = 7.087 + 1.25 + 11.3 = 19.64 \text{ in}$$

$$D' = 0.7 \times \left(\frac{70.87 + 7.087 + 0}{7.5} \right) = 7.3 \text{ in}$$

Substituyendo se obtiene que:

$$\left(\frac{Dp}{D'} \right) = \frac{19.64}{7.3} = 2.7$$

∴ La sección es adecuada a flexión

9. Revisión por sobrecarga

De acuerdo al inciso 10.57 del reglamento se debe diseñar para que el máximo esfuerzo en el patín no sobrepase 0.95Fy, para la siguiente combinación de cargas:

$$DL + \frac{5}{3} \times (L + I)$$

Para obtener los esfuerzos en el patín inferior, que es el más crítico, se deberán tomar en cuenta los efectos de apuntalamiento, por lo que el esfuerzo es igual a:

$$\sigma_{OVERLOAD} = \frac{2334 \times 12}{2583} + \frac{908 \times 12}{2893} + \frac{5}{3} \times \frac{2917 \times 12}{3140}$$

$$\sigma_{OVERLOAD} = 10.8 + 3.8 + 18.6 = 33.2 \text{ ksi} < 0.95Fy = 47.5 \text{ ksi}$$

∴ La viga es adecuada por sobrecarga

10. Revisión por fatiga

10.1 Esfuerzo de fatiga

El rango de esfuerzo en el patín inferior producido por la carga viva más impacto es igual a:

$$\sigma_{Fátiga} = \frac{M_{LL+I}}{S_{2C}}$$

Substituyendo:

MLL+I = 2,917 k-ft

S_{2C} = 3,140 in3

$$\sigma_{Fátiga} = \frac{2917 \times 12}{3140} = 11.1 \text{ ksi}$$

10.2 Rango de esfuerzo permisible

El rango de esfuerzo permisible de acuerdo con la tabla 10.31.A, indica que para el máximo rango esfuerzo es igual a:

$\sigma_{Permisible}$ = 13 ksi < 11.1

∴ La viga es adecuada a fatiga

11. Revisión de deflexión

De acuerdo al inciso 10.6 del AASHTO, la deflexión producida por carga viva más impacto, en puentes donde no hay paso peatonal, la deflexión máxima no debe ser mayor de L / 800. Así mismo, el inciso 10.6.4, nos indica que podemos utilizar un factor de distribución tomando en cuenta que todas las vigas tienen la misma deflexión.

De un análisis realizado a la viga se obtiene que la máxima deflexión es igual a:

$$\Delta = 92\ \text{mm} \times 0.75 \times \frac{5\text{bandas}}{10\text{vigas}} \times 1.19 = 41\ \text{mm} \approx \frac{L}{1070} < \frac{L}{800}$$

$\therefore$ La viga es adecuada por deflexión.

12. Revisión a cortante

12.1 Esbeltez del alma

La esbeltez del alma es igual a:

$$\frac{D}{t_w} = \frac{68.12}{0.625} = 108.99$$

12.2 Cálculo de Vp

El valor de Vp, se puede calcular como:

$Vp = 0.58 \times 50 \times 68.12 \times 0.625 = 1{,}235$ kips

12.3 Cortante último

El cortante último no será mayor de:

$Vu = C \times Vp$

Donde:

$Vp = 1235$ kips

$$C = \frac{4.5e7 \times k}{\left(\frac{D}{tw}\right)^2 \times Fy} = \frac{4.5e7 \times 5}{109^2 \times 50000} = 0.38$$

Substituyendo se obtiene que:

$Vu = 0.38 \times 1235 = 468$ kips > 300.4

$\therefore$ La viga es adecuada a cortante

13. Conectores de corte

13.1 Resistencia última

Utilizando conectores de corte de ¾" de diámetro, la resistencia última de un conector es igual a:

$$\Phi Su = 0.85 \times 0.4 \times d^2 \times \sqrt{f'cEc} < 60{,}000\ Asc$$

Substituyendo se obtiene que:

$$\Phi Su = 0.85 \times 0.4 \times 0.75^2 \times \sqrt{20.15 \times 10^9} < 60{,}000 \times 0.442$$

$$\Phi Su = 27150\ lbs > 60{,}000\ Asc \therefore \text{Usar } 26{,}520\ lbs$$

La fuerza que se transfiere entre la viga y la losa es igual a:

$$C = 0.85 \times 5000 \times 65 \times 7.087 = 1958\ kips$$

Por lo tanto se requiere un número de conectores en toda la viga no menor de:

$$N_{sc} = 2 \times \frac{1958}{26.52} = 145 \text{ conectores}$$

13.2 Requerimiento de conectores por fatiga

El rango de fatiga en el conector no puede ser mayor de:

$$Zr = \alpha\, d^2$$

Substituyendo se obtiene que:

$Zr = 7850 \times 0.75^2 = 4{,}416$ lb

El rango de cortante provocado por la carga viva más impacto se obtiene a partir de la siguiente ecuación:

$$Sr = \frac{Vr \times Q}{I}$$

En la siguiente tabla se muestra el rango de cortante y el espaciamiento mínimo de conectores considerando que se colocan 3 conectores de ¾" .

Distancia	***Vr***	***Sr***	***Espaciamiento***
(m)	(kips)	(kips/in)	(in)
0.00	84.17	0.91	14.58
2.20	78.86	0.85	15.56
4.40	73.31	0.79	16.74
6.60	68.25	0.74	17.98
8.80	62.70	0.68	19.57
11.00	57.63	0.62	21.29
13.20	52.08	0.56	23.56
15.40	47.02	0.51	26.10
17.60	41.47	0.45	29.59
19.80	36.40	0.39	33.71
22.00	30.86	0.33	39.77
24.20	36.40	0.39	33.71
26.40	41.47	0.45	29.59
28.60	47.02	0.51	26.10
30.80	52.08	0.56	23.56
33.00	57.63	0.62	21.29
35.20	62.70	0.68	19.57
37.40	68.25	0.74	17.98
39.60	73.31	0.79	16.74
41.80	78.86	0.85	15.56
44.00	84.17	0.91	14.58

14. Soldadura patín – alma

Suponiendo que usamos el tamaño mínimo de soldadura de 5/16", obtenemos que la resistencia última de la soldadura es igual al menor de:

$\Phi Rn = 0.75 \times 0.6 \times 58 \times 0.625 = 16.3$ kip/ in
$\Phi Rn = 0.75 \times 0.707 \times 2 \times 0.6 \times 70 \times 5/16 = 13.9$ kip/in

Por lo tanto la soldadura tiene una resistencia de 13.9 kip/in

El flujo de cortante en la unión patín-alma es igual a:

$$v = \frac{V \times Q}{I} = \frac{302 \times 1648}{152602} = 3.3 \text{ kips/in} < \Phi Rn$$

$\therefore$ La soldadura de 5/16" es adecuada

15. Atiesadores en apoyo

Se proponen utilizar atiesadores en los apoyos formados por dos placas de 9" × 1"; de conformidad a lo establecido en el inciso 10.34.6 del AASHTO.

15.1 Espesor mínimo de atiesadores

De acuerdo con el reglamento del AASHTO, el espesor mínimo del atiesador en el apoyo no debe ser menor de:

$$t > \frac{b'}{12} \times \sqrt{\frac{Fy}{33{,}000}}$$

Substituyendo se obtiene que:

$$t > \frac{9}{12} \times \sqrt{\frac{36{,}000}{33{,}000}} = 0.78$$

$\therefore$ El espesor de 1" es adecuado

15.2 Revisión por aplastamiento

La resistencia al aplastamiento esta dada por:

$\Phi Rn = 0.75 \times 1.8 \times Fy \times Apn$

Substituyendo se obtiene que:

$\Phi Rn = 0.75 \times 1.8 \times 36 \times 2 \times 1 \times (9\text{-}1) = 777.6$ kips

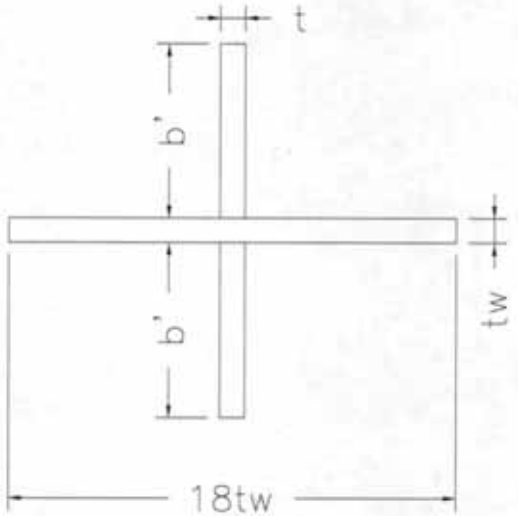
$\Phi Rn = 777.6$ kips $> Vu = 302$ kips

$\therefore$ El atiesador es adecuado por aplastamiento

15.3 Revisión como columna

De acuerdo al inciso 10.34.6.1, la sección a compresión que debe resistir el total de la reacción, es el área de los atiesadores, mas una franja de 18 veces el espesor.

Por lo que la sección que resiste la carga se muestra en la siguiente figura:



Las propiedades de la sección son:

As = 18 + 7 = 25 in2

r = 4.41 in

KL = 64.2 in

KL/r = 14.6

Por lo que el esfuerzo crítico de pandeo esta dado por:

$$Fcr = Fy \times \left\{1 - \frac{Fy}{4\pi^2 E}(KL/r)^2\right\} = 35.8 \text{ ksi}$$

La resistencia a compresión esta dada por:

$\Phi Pn = 0.85 \times 25 \times 35.8 = 760.8 > Pu$

$\therefore$ El atiesador es adecuado a compresión

15.4 Soldadura de atiesador

Utilizando la soldadura mínima de 5/16" en las cuatro esquinas de unión, obtenemos que la resistencia esta dada por la menor de:

$\Phi Rn = 0.75 \times 0.6 \times 58 \times 0.625 \times 2$ lados $= 32.6$ kip/ in
$\Phi Rn = 0.75 \times 0.707 \times 0.6 \times 70 \times 4 \times 5/16 = 27.8$ kip/in

Por lo que soldando el atiesador en toda su longitud se obtiene que:

$\Phi Rn = 27.8$ kip/in $\times 64.2$ in $= 1784.8$ kips $> Vu$

$\therefore$ La soldadura es adecuada

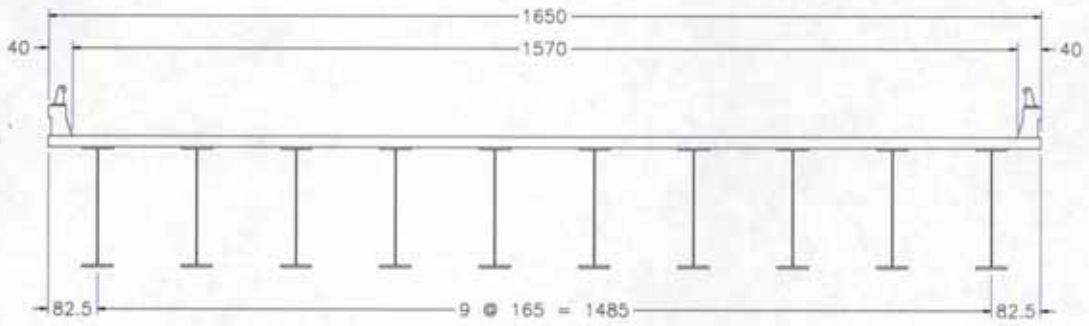
DISEÑO DE VIGAS METÁLICAS CURVAS

EJE 90

DISTRIBUIDOR JT

1. Sección transversal

La sección transversal del puente se muestra en la siguiente figura:



2. Geometría

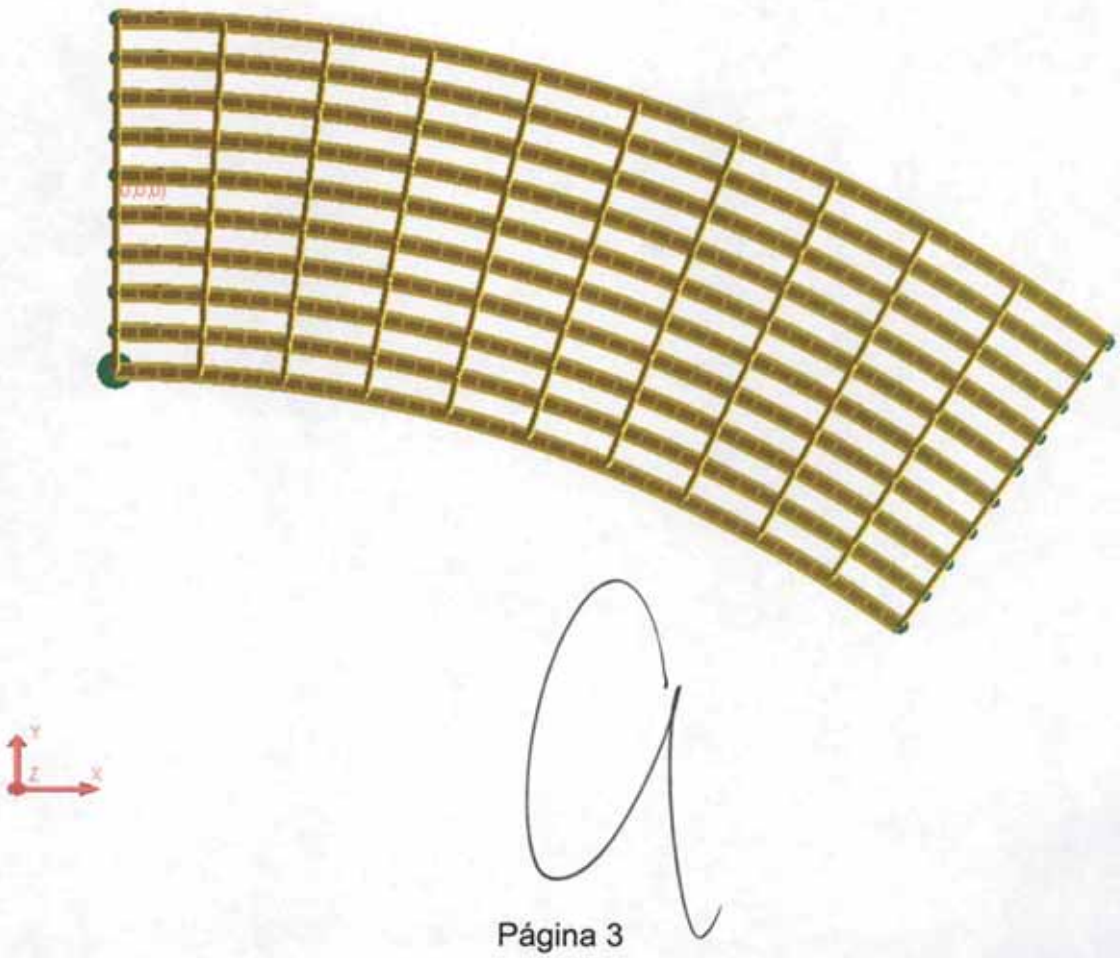
La geometría de las trabes se muestra en la siguiente tabla:

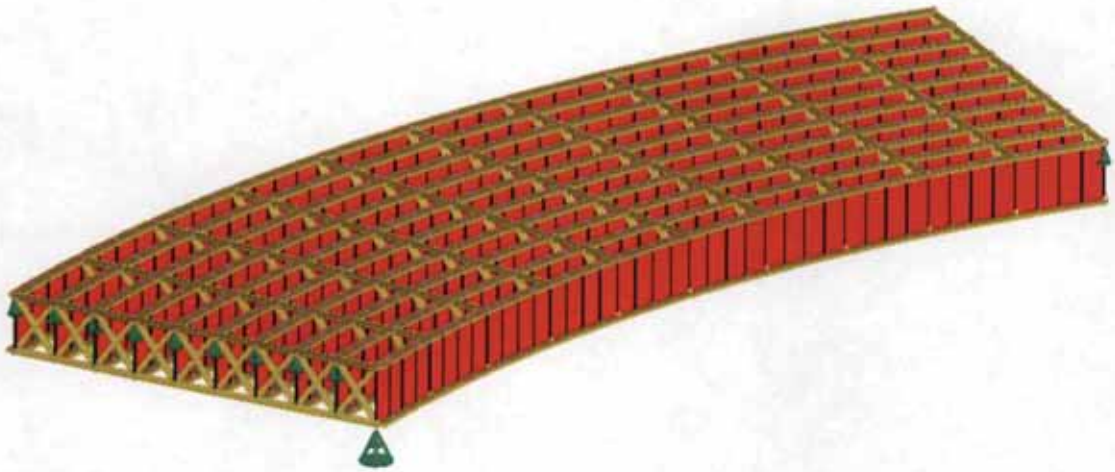
	RADIO DE LA VIGA	LONGITUD TOTAL	ESPACIAMIENTO DE DIAFRAGMAS
	(m)	(m)	(m)
VIGA 1	71.48	44.64	4.46
VIGA 2	69.83	43.61	4.36
VIGA 3	68.18	42.58	4.26
VIGA 4	66.53	41.55	4.15
VIGA 5	64.88	40.52	4.05
VIGA 6	63.23	39.48	3.95
VIGA 7	61.58	38.45	3.85
VIGA 8	59.93	37.42	3.74
VIGA 9	58.28	36.39	3.64
VIGA 10	56.63	35.36	3.54

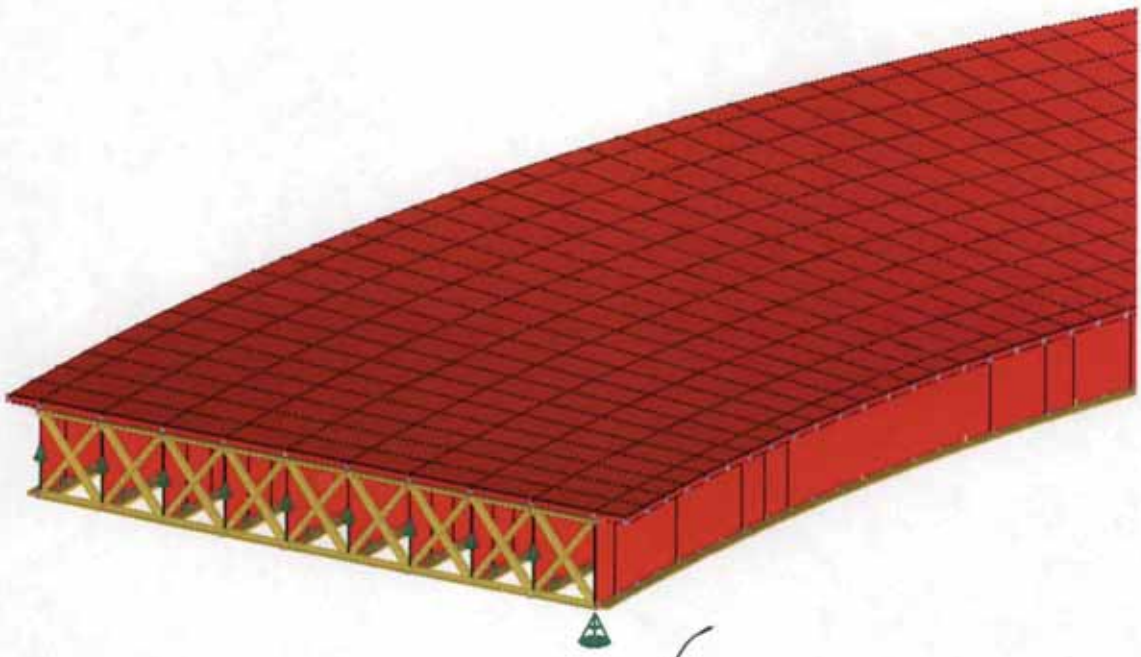
3. Método de análisis

Para el análisis de las vigas curvas se utilizó el programa LARSA 4D, en el cual se creó un modelo de elemento finito, modelando los patines de las vigas como elementos viga y el alma utilizando elementos placa, conectados rigidamente para las combinaciones de carga donde aplique, con la losa de concreto modelada con elementos placa. Este análisis en 4 dimensiones, toma en consideración la flexión lateral sobre los patines, por lo que los esfuerzos que se obtengan se pueden comparar directamente con los indicados en las Especificaciones AASHTO para el Diseño de Puentes con Curvatura Horizontal; tal y como lo indica en su inciso 4.3.2.

En las siguientes figuras se muestra un modelo utilizado:







4. Cargas Muertas antes de la acción compuesta

4.1 Peso Propio

Se considera un peso volumétrico de 7,840 kg/m3 para el acero estructural.

4.2 Losa

Wlosa = 2,400 × 0.20 × 1.65 = 792 kg/m

4.3 Diafragmas

Se considera un peso volumétrico de 7,840 kg/m3 para el acero estructural.

5. Cargas Muertas después de la acción compuesta

Se considera un espesor de carpeta de 12 cms en la zona de la calzada y un peso de 530 kg/m para las guarniciones y parapetos; por tener una geometría curva, la distribución de cargas se hizo en base a un análisis de elemento finito.

6. Cargas Vivas

6.1 Tren de cargas

Se considera el paso de un camión T3S3R4 en tres bandas de circulación, la distribución de cargas se hizo en base al análisis de elemento finito que se realizó.

6.2 Impacto

De acuerdo a las especificaciones del AASHTO para el diseño de puentes curvos, se utilizó un factor de impacto de 0.25 para flexión y de 0.30 para corte.

7. Fuerzas Centrífugas

De acuerdo al inciso 3.10 del reglamento del AASHTO, se deberá aplicar radialmente un porcentaje de la carga viva a una altura de 1.8 m por encima de la rasante:

$C = \frac{6.68 \times S^2}{R}$; donde:

S = Velocidad en mph = 60 kmh = 37.5 mph

R = Radio de la curva = 64.05 m = 210.14 ft

Substituyendo se obtiene que:

$C = \frac{6.68 \times 37.5^2}{210.14} = 44.7\ \%$

A este porcentaje se le puede disminuir el valor mínimo de sobrelevación en el tramo.

8. Secciones Transversales

Se utilizan las siguientes secciones transversales:

VIGAS 1 Y 2

VIGAS 3 Y 4

VIGAS 5 A 10

9. Revisión de Patín Inferior

En la siguiente tabla se muestra el esfuerzo obtenido en el análisis de elemento finito, y el esfuerzo crítico en el patín de acuerdo a las especificaciones.

Cad. (m)	fb (ksi)	fl (ksi)	fl/fb	L/bf	L/R	Lambda	Fbs (ksi)	rhoB	rhoW	rhoB x rhoW	Fcr1 (ksi)	Fcr2 (ksi)	Fcr (ksi)	Max Esfuerzo (ksi)		%
-	0.40	-	-	0.52	0.08	0.08	48.97	0.94	0.96	0.90	45.16	50.00	45.16	0.40	OK	1%
2.00	10.91	- 1.62	- 0.15	0.52	0.08	0.08	48.97	0.94	0.92	0.87	43.25	49.46	43.25	12.53	OK	29%
4.00	9.89	1.32	0.13	0.52	0.08	0.08	48.97	0.94	0.99	0.94	46.86	49.56	46.86	11.21	OK	24%
6.00	16.62	- 3.69	- 0.22	0.52	0.08	0.08	48.97	0.94	0.90	0.85	42.32	48.77	42.32	20.31	OK	48%
8.00	20.41	3.03	0.15	0.52	0.08	0.08	48.97	0.94	1.00	0.94	47.05	48.99	47.05	23.44	OK	50%
10.00	26.41	- 5.12	- 0.19	0.52	0.08	0.08	48.97	0.94	0.91	0.85	42.68	48.29	42.68	31.53	OK	74%
12.00	30.27	4.21	0.14	0.52	0.08	0.08	48.97	0.94	1.00	0.94	46.93	48.60	46.93	34.48	OK	73%
14.00	32.90	- 6.14	- 0.19	0.52	0.08	0.08	48.97	0.94	0.91	0.86	42.77	47.95	42.77	39.04	OK	91%
16.00	36.69	4.97	0.14	0.52	0.08	0.08	48.97	0.94	0.99	0.94	46.89	48.34	46.89	41.67	OK	89%
18.00	35.70	- 6.58	- 0.18	0.52	0.08	0.08	48.97	0.94	0.91	0.86	42.80	47.81	42.80	42.28	OK	99%
20.00	39.30	5.18	0.13	0.52	0.08	0.08	48.97	0.94	0.99	0.94	46.84	48.27	46.84	44.48	OK	95%
22.00	35.39	- 6.38	- 0.18	0.52	0.08	0.08	48.97	0.94	0.91	0.86	42.85	47.87	42.85	41.78	OK	97%
24.00	38.46	5.00	0.13	0.52	0.08	0.08	48.97	0.94	0.99	0.94	46.82	48.33	46.82	43.46	OK	93%
26.00	34.23	- 6.06	- 0.18	0.52	0.08	0.08	48.97	0.94	0.91	0.86	42.89	47.98	42.89	40.29	OK	94%
28.00	33.50	4.21	0.13	0.52	0.08	0.08	48.97	0.94	0.99	0.94	46.76	48.60	46.76	37.71	OK	81%
30.00	28.04	- 4.80	- 0.17	0.52	0.08	0.08	48.97	0.94	0.91	0.86	42.97	48.40	42.97	32.85	OK	76%
32.00	25.86	3.18	0.12	0.52	0.08	0.08	48.97	0.94	0.99	0.93	46.73	48.94	46.73	29.04	OK	62%
34.00	21.31	- 3.46	- 0.16	0.52	0.08	0.08	48.97	0.94	0.91	0.86	43.08	48.85	43.08	24.77	OK	57%
36.00	15.54	1.38	0.09	0.52	0.08	0.08	48.97	0.94	0.98	0.93	46.29	49.54	46.29	16.92	OK	37%
38.00	10.01	- 1.46	- 0.15	0.52	0.08	0.08	48.97	0.94	0.92	0.87	43.29	49.51	43.29	11.47	OK	26%
40.00	0.36	-	-	0.52	0.08	0.08	48.97	0.94	0.96	0.90	45.16	50.00	45.16	0.36	OK	1%

10. Revisión de Patín Superior

En la siguiente tabla se muestra el esfuerzo obtenido en el análisis de elemento finito, y el esfuerzo crítico en el patín de acuerdo a las especificaciones.

Cad. (m)	fb (ksi)	fl (ksi)	fl/fb	L/bf	L/R	Lambda	Fbs (ksi)	rhoB	rhoW	rhoB x rhoW	Fcr1 (ksi)	Fcr2 (ksi)	Fcr (ksi)	Max Esfuerzo (ksi)		%
-	0.82	- 0.33	- 0.40	-	-	-	50.00	1.00	1.01	1.00	50.00	49.89	49.89	1.15	OK	2%
2.00	- 4.15	0.64	- 0.15	-	-	-	50.00	1.00	1.08	1.00	50.00	49.79	49.79	- 4.79	OK	10%
4.00	-10.22	- 2.21	0.22	-	-	-	50.00	1.00	1.19	1.00	50.00	49.26	49.26	- 12.42	OK	25%
6.00	-16.63	1.99	- 0.12	-	-	-	50.00	1.00	1.09	1.00	50.00	49.34	49.34	- 18.62	OK	38%
8.00	-20.64	- 4.13	0.20	-	-	-	50.00	1.00	1.19	1.00	50.00	48.62	48.62	- 24.77	OK	51%
10.00	-29.55	2.79	- 0.09	-	-	-	50.00	1.00	1.10	1.00	50.00	49.07	49.07	- 32.34	OK	66%
12.00	-34.40	- 6.23	0.18	-	-	-	50.00	1.00	1.18	1.00	50.00	47.92	47.92	- 40.62	OK	85%
14.00	-35.30	3.48	- 0.10	-	-	-	50.00	1.00	1.10	1.00	50.00	48.84	48.84	- 38.78	OK	79%
16.00	-36.61	- 7.33	0.20	-	-	-	50.00	1.00	1.19	1.00	50.00	47.56	47.56	- 43.94	OK	92%
18.00	-37.94	4.07	- 0.11	-	-	-	50.00	1.00	1.10	1.00	50.00	48.64	48.64	- 42.01	OK	86%
20.00	-37.78	- 7.68	0.20	-	-	-	50.00	1.00	1.19	1.00	50.00	47.44	47.44	- 45.46	OK	96%
22.00	-36.04	3.98	- 0.11	-	-	-	50.00	1.00	1.10	1.00	50.00	48.67	48.67	- 40.02	OK	82%
24.00	-35.37	- 7.30	0.21	-	-	-	50.00	1.00	1.19	1.00	50.00	47.57	47.57	- 42.66	OK	90%
26.00	-31.27	3.82	- 0.12	-	-	-	50.00	1.00	1.09	1.00	50.00	48.73	48.73	- 35.08	OK	72%
28.00	-29.21	- 6.26	0.21	-	-	-	50.00	1.00	1.19	1.00	50.00	47.91	47.91	- 35.47	OK	74%
30.00	-30.88	2.87	- 0.09	-	-	-	50.00	1.00	1.10	1.00	50.00	49.04	49.04	- 33.75	OK	69%
32.00	-26.83	- 4.56	0.17	-	-	-	50.00	1.00	1.18	1.00	50.00	48.48	48.48	- 31.39	OK	65%
34.00	-21.84	1.79	- 0.08	-	-	-	50.00	1.00	1.11	1.00	50.00	49.40	49.40	- 23.63	OK	48%
36.00	-15.95	- 2.50	0.16	-	-	-	50.00	1.00	1.18	1.00	50.00	49.17	49.17	- 18.46	OK	38%
38.00	-10.98	0.44	- 0.04	-	-	-	50.00	1.00	1.12	1.00	50.00	49.85	49.85	- 11.42	OK	23%
40.00	1.09	- 0.16	- 0.15	-	-	-	50.00	1.00	1.09	1.00	50.00	49.95	49.95	1.25	OK	3%

11. Revisión a corte

Del análisis se obtiene que el cortante último es igual a:

Vu = 583 kips

El cortante último no será mayor de:

$Vu = C \times Vp$

Donde:

$Vp = 0.58 \times 50 \times 81.86 \times 5/8 = 1484$ kips

El espaciamiento de atiesadores es igual a 42.92 "; por lo que la constante de pandeo a corte es igual a:

$k = 5 + 5 \times (d/D)^2 = 5 + 5 / (42.92/81.86)^2 = 23.2$

$$C = \frac{1.52E \times k}{\left(\frac{D}{tw}\right)^2 \times Fy} = \frac{1.52 \times 29000 \times 23.2}{131^2 \times 50} = 1.19 \therefore 1.0$$

Substituyendo se obtiene que:

$Vu = 1.0 \times 1484 = 1484$ kips > 583

$\therefore$ La viga es adecuada a cortante

12. Revisión de deflexión

De acuerdo al inciso 10.6 del AASHTO, la deflexión producida por carga viva más impacto, en puentes donde no hay paso peatonal, la deflexión máxima no debe ser mayor de L / 800. Así mismo, el inciso 10.6.4, nos indica que podemos utilizar un factor de distribución tomando en cuenta que todas las vigas tienen la misma deflexión.

De un análisis realizado a la viga se obtiene que la máxima deflexión es igual a:

$$\Delta = 36 \text{ mm} \times 1.25 = 45 \text{ mm} \approx \frac{L}{991} < \frac{L}{800}$$

$\therefore$ La viga es adecuada por deflexión.

13. Conectores de corte

13.1 Resistencia última

Utilizando conectores de corte de 7/8" de diámetro, la resistencia última de un conector es igual a:

$$\Phi Su = 0.85 \times 0.4 \times d^2 \times \sqrt{f'cEc} < 60{,}000 \text{ Asc}$$

Substituyendo se obtiene que:

$$\Phi Su = 0.85 \times 0.4 \times 0.875^2 \times \sqrt{20.15 \times 10^9} < 60{,}000 \times 0.601$$

ΦSu =36,952 lbs > 60,000 Asc $\therefore$ Usar 30,667 lbs

La fuerza que se transfiere entre la viga y la losa es igual a:

$Pp = 0.85 \times 5000 \times 65 \times 7.087 = 1{,}958$ kips

Ademas, por ser curvo tenemos una fuerza lateral sobre el conector igual a:

$Fp = Pp \times \frac{Lp}{R} = 1958 \times \frac{20}{64} = 612$ kips

La fuerza total sobre el conector es igual a:

$P = \sqrt{1958^2 + 612^2} = 2051$ kips

Por lo tanto se requiere un número de conectores, entre el punto de máximo momento y el extremo, no menor de:

$N_{sc} = \frac{2051}{30.7} = 67$ conectores

Estos conectores se deberán colocar en una distancia de 20 mts, por lo que utilizando 3 líneas se tiene que el espacimiento máximo es igual:

$Smax = \frac{20}{67} \times 3 conectores = 0.89$ m

13.2 Requerimiento de conectores por fatiga

El rango de fatiga en el conector no puede ser mayor de:

$Zr = \alpha\, d^2$

Substituyendo se obtiene que:

$Zr = 7850 \times 0.875^2 = 6{,}010$ lb

El rango de cortante provocado por la carga viva más impacto se obtiene a partir de la siguiente ecuación:

$Vsr = \sqrt{Vfat^2 + Ffat^2}$

$Vfat = \frac{V \times Q}{I} = 0.85$ k/in

$Ffat = \frac{Fcr}{w} = 1.22$ k/in

$Vsr = 1.49$ kip/in

La separación entre conectores no puede ser mayor de:

$Espaciamiento = \frac{3 \times 6}{1.49} = 12.1$ in $= 30$ cm

$\therefore$ Rige el espaciamiento por fatiga

14. Soldadura patín – alma

Suponiendo que usamos el tamaño mínimo de soldadura de 5/16", obtenemos que la resistencia última de la soldadura es igual al menor de:

$\Phi Rn = 0.75 \times 0.6 \times 58 \times 0.625 = 16.3$ kip/ in

$\Phi Rn = 0.75 \times 0.707 \times 2 \times 0.6 \times 70 \times 5/16 = 13.9$ kip/in

Por lo tanto la soldadura tiene una resistencia de 13.9 kip/in

El flujo de cortante en la unión patín-alma es igual a:

$$v = \frac{V \times Q}{I} = \frac{583 \times 4104}{366669} = 6.53 \text{ kips/in} < \Phi Rn$$

$\therefore$ La soldadura de 5/16" es adecuada

15. Atiesadores en apoyo

Se proponen utilizar atiesadores en los apoyos formados por dos placas de 12" × 1"; de conformidad a lo establecido en el inciso 10.34.6 del AASHTO.

15.1 Espesor mínimo de atiesadores

De acuerdo con el reglamento del AASHTO, el espesor mínimo del atiesador en el apoyo no debe ser menor de:

$$t > \frac{b'}{12} \times \sqrt{\frac{Fy}{33{,}000}}$$

Substituyendo se obtiene que:

$$t > \frac{12}{12} \times \sqrt{\frac{50{,}000}{33{,}000}} = 1.23$$

∴ Utilizar placa de 1.25"

15.2 Revisión por aplastamiento

La resistencia al aplastamiento esta dada por:

$\Phi Rn = 0.75 \times 1.8 \times Fy \times Apn$

Substituyendo se obtiene que:

$\Phi Rn = 0.75 \times 1.8 \times 50 \times 2 \times 1.25 \times (12-1) = 1856 kips$

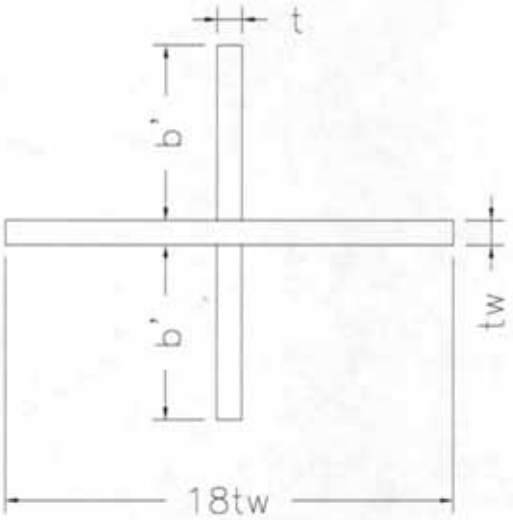
$\Phi Rn = 1856 \text{ kips} > Ru = 583 \text{ kips}$

∴ El atiesador es adecuado por aplastamiento

15.3 Revisión como columna

De acuerdo al inciso 10.34.6.1, la sección a compresión que debe resistir el total de la reacción, es el área de los atiesadores, mas una franja de 18 veces el espesor.

Por lo que la sección que resiste la carga se muestra en la siguiente figura:



Las propiedades de la sección son:

As = 30+ 7 = 37 in2

r = 8.7 in

KL = 82 in

KL/r = 9.4

Por lo que el esfuerzo crítico de pandeo esta dado por:

$$Fcr = Fy \times \left\{1 - \frac{Fy}{4\pi^2 E}(KL/r)^2\right\} = 49.8 \text{ ksi}$$

La resistencia a compresión esta dada por:

$\Phi Pn = 0.85 \times 37 \times 49.8 = 1566 > Pu$

$\therefore$ El atiesador es adecuado a compresión

15.4 Soldadura de atiesador

Utilizando la soldadura mínima de 5/16" en las cuatro esquinas de unión, obtenemos que la resistencia esta dada por la menor de:

$\Phi Rn = 0.75 \times 0.6 \times 65 \times 0.625 \times 2$ lados $= 36.6$ kip/ in

$\Phi Rn = 0.75 \times 0.707 \times 0.6 \times 70 \times 4 \times 5/16 = 27.8$ kip/in

Por lo que soldando el atiesador en toda su longitud se obtiene que:

$\Phi Rn = 27.8$ kip/in $\times 60$ in $= 1668$ kips $> Vu$

$\therefore$ La soldadura es adecuada

CONSTRUCTORA MOYEDA SA DE CV

EJE 90 - ANALISIS CARGA MUERTA

CONSTRUCTORA MOYEDA
CONSTRUCTORA MOYEDA SA DE CV

MORONES PRIETO 1310 PTE
COL. PIO X
MONTERREY, NL.
MEXICO 64710
Tel. 818-340-3400

PROJECT SUMMARY

INPUT PROPERTIES	Count
Material Materials	None
Materials	3
Sections	10
User Coordinate Systems	1
Spring Curves	None
Isolator Property	None
Group Definitions	None

INPUT GEOMETRY	Count
Joints	1112
Members	1608
Plates	240
Solids	None
Isolators / Bearings	None
Mass Elements	None
Struts / Braces	None
Tendons	None

LOAD CASES	Count
Load Cases	9
Combination Cases	Above
Construction Stages	0
Linked Definitions	None

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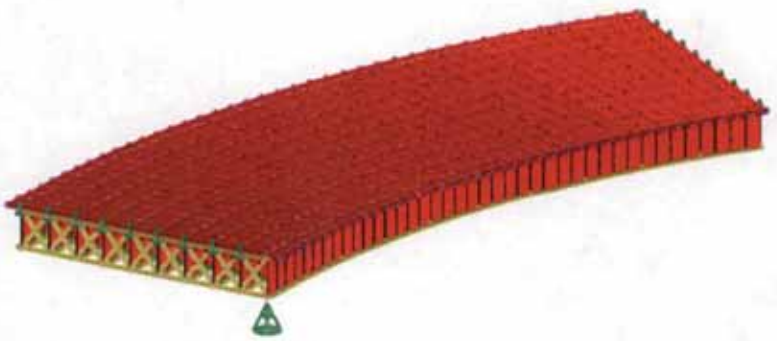
INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 5	- RESULT : Reactions	Page 17
- INPUT : UCSs	Page 5	- RESULT : Member End Forces (Local)	Page 17
- INPUT : Sections	Page 5	- RESULT : Member Stresses	Page 56
- INPUT : Section Stress Points	Page 5		
- INPUT : Section Dimensions	Page 6		
- INPUT : More Material Properties	Page 6		
- STRUCTURE GROUP SUMMARY	Page 7		
- Load Cases	Page 15		
- Stage Summary	Page 15		

Graphics View 1

Zoom 1.563X



INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
A572-G50	2.04e7	0.2948	7,874,347.79	7.8491	11.700000	Yes
Fu_5	844,687.00	0.1704	403,560.16	0.0000	9.900000	Yes
Rigid Material	1.00e10	0.1111	4.50e9	0.0000	0.000000	Yes

INPUT : UCSs

Name	Type	Origin X (m)	Origin Y (m)	Origin Z (m)	Axis Point X (m)	Axis Point Y (m)	Axis Point Z (m)	Point on XY Plane X	Point on XY Plane Y	Point on EY Plane Z	Angle Z	Angle X	Angle Y	Assigned
EJE-90	Bridge	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000				Yes

INPUT : Sections

Name	Section Area (in²)	Shear Area in yy (in²)	Shear Area in zz (in²)	Torsion Constant (in^4)	Inertia Izz (in^4)	Inertia Iyy (in^4)	Plastic Modulus Zyy (in³)	Plastic Modulus Zzz (in³)	Perimeter (in)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
Rigid Connection	10.0000e6	0.0000	0.0000	10.0000e9	10.0000e9	10.0000e9	0.0000	0.0000	0.0000	(NONE)	50.	0.	Yes
Rect 2.000x 20.00	40.0000	33.3333	33.3333	50.0800	13.3333	1,333.3333	0.0000	0.0000	44.0000	(NONE)	50.	0.	Yes
Rect 2.750x 26.00	77.0000	64.1667	64.1667	193.8101	48.5260	5,030.6667	0.0000	0.0000	61.5000	(NONE)	50.	0.	Yes
Rect 2.449x 2.449	6.0000	5.0000	5.0000	5.0760	3.0000	3.0000	0.0000	0.0000	9.7960	(NONE)	50.	0.	No
Rect 1.500x 20.00	30.0000	25.0000	25.0000	22.4775	5.6250	1,000.0000	0.0000	0.0000	43.0000	(NONE)	50.	0.	Yes
Rect 1.750x 26.00	49.0000	40.8333	40.8333	49.9756	12.5052	3,201.3333	0.0000	0.0000	58.5000	(NONE)	50.	0.	Yes
Rect 1.250x 20.00	25.0000	20.8333	20.8333	13.0076	3.2552	833.3333	0.0000	0.0000	42.5000	(NONE)	50.	0.	Yes
Rect 1.250x 26.00	65.0000	29.1667	29.1667	18.2109	4.5573	2,256.6667	0.0000	0.0000	56.5000	(NONE)	50.	0.	Yes
2L5x4x3/4 [DB:American]	13.5	0	0	0	49	0	0	22.5	0	0	50	0	Yes
L6x6x3/4 [DB:American]	8.44	3.75	3.75	1.81	28.2	28.2	13	13	24	0	50	0	Yes

INPUT : Section Stress Points

Name	Point 1 Y (in)	Point 1 Z (in)	Point 2 Y (in)	Point 2 Z (in)	Point 3 Y (in)	Point 3 Z (in)	Point 4 Y (in)	Point 4 Z (in)	Point 5 Y (in)	Point 5 Z (in)	Point 6 Y (in)	Point 6 Z (in)
Rigid Connection	1.0000	1.0000	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)
Rect 2.000x 20.00	1.0000	10.0000	1.0000	-10.0000	-1.0000	-10.0000	-1.0000	10.0000	(none)	(none)	(none)	(none)
Rect 2.750x 26.00	1.3750	14.0000	1.3750	-14.0000	-1.3750	-14.0000	-1.3750	14.0000	(none)	(none)	(none)	(none)
Rect 2.449x 2.449	1.2247	1.2247	1.2247	-1.2247	-1.2247	-1.2247	-1.2247	1.2247	(none)	(none)	(none)	(none)

INPUT : Section Stress Points

Name	Point 1 Y (in)	Point 1 Z (in)	Point 2 Y (in)	Point 2 Z (in)	Point 3 Y (in)	Point 3 Z (in)	Point 4 Y (in)	Point 4 Z (in)	Point 5 Y (in)	Point 5 Z (in)	Point 6 Y (in)	Point 6 Z (in)
Rect 1.500x 20.00	0.7500	10.0000	0.7500	-10.0000	-0.7500	-10.0000	-0.7500	10.0000	(none)	(none)	(none)	(none)
Rect 1.750x 26.00	0.8750	14.0000	0.8750	-14.0000	-0.8750	-14.0000	-0.8750	14.0000	(none)	(none)	(none)	(none)
Rect 1.250x 20.00	0.6250	10.0000	0.6250	-10.0000	-0.6250	-10.0000	-0.6250	10.0000	(none)	(none)	(none)	(none)
Rect 1.250x 26.00	0.6250	14.0000	0.6250	-14.0000	-0.6250	-14.0000	-0.6250	14.0000	(none)	(none)	(none)	(none)
2L5x4x3/4 [DB:American]	4.2250	0.0000	-1.7750	-6.0000	-1.7750	6.0000	(none)	(none)	(none)	(none)	(none)	(none)
L6x6x3/4 [DB:American]	4.2250	-1.7750	-1.7750	-1.7750	-1.7750	4.2250	(none)	(none)	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
Rigid Connection	Unspecified						
Rect 2.000x 20.00	Rectangle	2.0000	20.0000				
Rect 2.750x 26.00	Rectangle	2.7500	26.0000				
Rect 2.449x 2.449	Rectangle	2.4495	2.4495				
Rect 1.500x 20.00	Rectangle	1.5000	20.0000				
Rect 1.750x 26.00	Rectangle	1.7500	26.0000				
Rect 1.250x 20.00	Rectangle	1.2500	20.0000				
Rect 1.250x 26.00	Rectangle	1.2500	26.0000				
2L5x4x3/4 [DB:American]	2L Shape (DB)	5	4	.75	0		
L6x6x3/4 [DB:American]	Angle (DB)	6	6	.75			

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
A572-G50	35,153.34	0.020	Cylinder	45,686.34	Not Concrete	0.00	(NONE)	Yes
Fu_5	0.00	0.020	Cylinder	3,515.33	Not Concrete	0.00	(NONE)	Yes
Rigid Material	0.00	0.020	Cylinder	0.00	Not Concrete	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

DIAFRAGMAS

Members

123	124	125	126	139	140	141	142	155	156
157	158	171	172	175	174	187	188	189	190
203	204	205	206	219	220	221	222	235	236
237	238	251	252	253	254	267	268	269	270
283	284	285	286	299	299	290	291	304	305
306	307	320	321	322	323	336	337	338	339
352	353	354	355	368	369	370	371	384	385
386	387	400	401	402	403	416	417	418	419
432	433	434	435	448	449	450	451	453	454
455	456	469	470	471	472	485	486	487	488
501	502	503	504	517	518	519	520	533	534
535	536	549	550	551	552	565	566	567	568
581	582	583	584	597	598	599	600	613	614
615	616	618	619	620	621	634	635	636	637
650	651	652	653	666	667	668	669	682	683
684	685	698	699	700	701	714	715	716	717
730	731	732	733	746	747	748	749	762	763
764	765	778	779	780	781	793	784	795	796
799	800	801	802	815	816	817	818	831	832
833	834	847	848	849	850	863	864	865	866
879	880	881	882	895	896	897	898	911	912
913	914	927	928	929	930	943	944	945	946
948	949	950	951	964	965	966	967	980	981
982	983	996	997	998	999	1012	1013	1014	1015
1028	1029	1030	1031	1044	1045	1046	1047	1060	1061
1062	1063	1076	1077	1078	1079	1092	1093	1094	1095
1108	1109	1110	1111	1113	1114	1115	1116	1129	1130
1131	1132	1145	1146	1147	1148	1161	1162	1163	1164
1177	1178	1179	1180	1193	1194	1195	1196	1209	1210
1211	1212	1225	1226	1227	1228	1241	1242	1243	1244
1257	1258	1259	1260	1273	1274	1275	1276	1278	1278

1290	1291	1294	1295	1296	1297	1310	1311	1312	1313
1326	1327	1328	1329	1342	1343	1344	1345	1358	1359
1360	1361	1374	1375	1376	1377	1390	1391	1392	1393
1406	1407	1408	1409	1422	1423	1424	1425	1438	1439
1440	1441	1443	1444	1445	1446	1459	1460	1461	1462
1475	1476	1477	1478	1491	1492	1493	1494	1507	1508
1509	1510	1523	1524	1525	1526	1539	1540	1541	1542
1555	1556	1557	1558	1571	1572	1573	1574	1587	1588
1589	1590	1603	1604	1605	1606				

VIGA1

Joints

1150	1151	1153	1154	1156	1157	1159	1160	1162	1163
1165	1166	1168	1169	1171	1172	1174	1175	1177	1178
1180	1181	1183	1184	1186	1187	1188	1190	1192	1193
1195	1196	1198	1199	1201	1202	1204	1205	1207	1208
1210	1211	1213	1214	1216	1217	1219	1220	1222	1223
1225	1226	1228	1229	1231	1232	1234	1235	1237	1238
1240	1241	1243	1244	1246	1247	1249	1250	1252	1253
1255	1256	1258	1259	1261	1262	1264	1265	1267	1268
1270	1271								

Members

1448	1449	1451	1452	1454	1455	1457	1458	1464	1465
1467	1468	1470	1471	1473	1474	1480	1481	1483	1484
1486	1487	1489	1490	1496	1497	1499	1500	1502	1503
1505	1506	1512	1513	1515	1516	1518	1519	1521	1522
1529	1529	1531	1532	1534	1535	1537	1538	1544	1545
1547	1548	1550	1551	1553	1554	1560	1561	1563	1564
1566	1567	1569	1570	1576	1577	1579	1580	1582	1583
1585	1586	1592	1593	1595	1596	1598	1599	1601	1602

Plates

361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400

VIGA2

Joints

1027	1028	1030	1031	1033	1034	1036	1037	1039	1040
1042	1043	1045	1046	1048	1049	1051	1052	1054	1055
1057	1058	1060	1061	1063	1064	1066	1067	1069	1070
1072	1073	1075	1076	1078	1079	1081	1082	1084	1085
1087	1088	1090	1091	1093	1094	1096	1097	1099	1100
1102	1103	1105	1106	1108	1109	1111	1112	1114	1115
1117	1118	1120	1121	1123	1124	1126	1127	1129	1130
1132	1133	1135	1136	1138	1139	1141	1142	1144	1145
1147	1148								

Members

1293	1294	1296	1297	1299	1290	1292	1293	1299	1300
1302	1303	1305	1306	1308	1309	1310	1316	1318	1319
1321	1322	1324	1325	1331	1332	1334	1335	1337	1338
1340	1341	1347	1348	1350	1351	1353	1354	1356	1357
1363	1364	1366	1367	1369	1370	1372	1373	1376	1380
1382	1383	1385	1386	1388	1389	1395	1396	1396	1399
1401	1402	1404	1405	1411	1412	1414	1415	1417	1418
1420	1421	1427	1428	1430	1431	1433	1434	1436	1437

Plates

321	322	323	324	325	329	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360

VIGA3

Joints

904	905	907	908	910	911	913	914	916	917
919	920	922	923	925	926	928	929	931	932
934	935	937	938	940	941	943	944	946	947
949	950	952	953	955	956	958	959	961	962
964	965	967	968	970	971	973	974	976	977
979	980	982	983	985	986	988	989	991	992
994	995	997	998	1000	1001	1003	1004	1006	1007
1009	1010	1012	1013	1015	1016	1018	1019	1021	1022

1024	1025

Members

1116	1119	1121	1122	1124	1125	1127	1128	1134	1135
1137	1138	1140	1141	1143	1144	1150	1151	1153	1154
1156	1157	1159	1160	1186	1187	1189	1170	1172	1173
1175	1176	1182	1183	1185	1186	1188	1189	1191	1192
1198	1199	1201	1202	1294	1295	1207	1208	1214	1215
1217	1218	1220	1221	1223	1224	1230	1231	1233	1234
1236	1237	1239	1240	1246	1247	1249	1250	1252	1253
1255	1256	1262	1263	1265	1266	1268	1269	1271	1272

Plates

281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320

VIGA4

Joints

791	792	794	795	797	798	790	791	793	794
796	797	799	800	802	803	805	806	808	809
811	813	814	815	817	818	820	821	823	824
826	827	829	830	832	833	835	836	838	839
841	842	844	845	847	848	850	851	853	854
856	857	859	860	862	863	865	866	868	869
871	873	874	875	877	878	880	881	883	884
886	887	889	890	892	893	895	896	898	899
901	902								

Members

953	954	956	957	959	960	962	963	969	970
972	973	975	976	978	979	985	986	988	989
991	992	994	995	1001	1002	1004	1005	1007	1008
1010	1011	1017	1018	1020	1021	1023	1024	1026	1027
1033	1034	1036	1037	1039	1040	1042	1043	1049	1050
1052	1053	1055	1056	1058	1059	1060	1066	1068	1069
1071	1072	1074	1075	1081	1082	1084	1085	1087	1088
1090	1091	1097	1098	1100	1101	1103	1104	1106	1107

Plates

241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280

VIGA8

Joints

658	659	661	662	664	665	667	668	670	671
673	674	676	677	679	680	682	683	685	686
688	689	691	692	694	695	697	698	700	701
703	704	706	707	709	710	712	713	715	716
718	719	721	722	724	725	727	728	730	731
733	734	736	737	739	740	742	743	745	746
748	749	751	752	754	755	757	758	760	761
763	764	766	767	769	770	772	773	775	776
778	779								

Members

786	789	791	792	794	795	797	798	804	805
807	808	810	811	813	814	820	821	823	824
826	827	829	830	836	837	839	840	842	843
845	846	852	853	855	856	858	859	861	862
868	868	871	872	874	875	877	878	884	885
887	888	890	891	893	894	900	901	903	904
906	907	909	910	916	917	919	920	922	923
925	926	932	933	935	936	938	939	941	942

Plates

201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240

VIGA6

Joints

535	536	538	539	541	542	544	545	547	548
550	551	553	554	556	557	559	560	562	563

585	586	588	589	571	572	574	575	577	578
580	581	583	584	566	567	569	590	592	593
595	596	598	599	601	602	604	605	607	608
610	611	613	614	616	617	619	620	622	623
625	626	628	629	631	632	634	635	637	638
640	641	645	644	646	647	649	650	652	653
655	656								

Members

623	624	626	627	629	630	632	633	639	640
642	643	645	646	648	649	655	656	658	659
661	662	664	665	671	672	674	675	677	678
680	681	687	688	690	691	693	694	696	697
703	704	706	707	709	710	712	713	719	720
722	723	725	726	728	729	735	736	738	739
741	742	744	745	751	752	754	755	757	758
760	761	767	768	770	771	773	774	776	777

Plates

161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

VIGA7

Joints

412	413	415	416	418	419	421	422	424	425
427	428	430	431	433	434	436	437	439	440
442	443	445	446	448	449	451	452	454	455
457	458	460	461	463	464	466	467	469	470
472	473	475	476	478	479	481	482	484	485
487	488	490	491	493	494	496	497	499	500
502	503	505	506	508	509	511	512	514	515
517	518	520	521	523	524	526	527	529	530
532	533								

Members

458	459	461	462	464	465	467	469	474	475
477	479	480	481	483	484	490	491	493	494

496	497	499	500	506	507	509	510	512	513
515	516	522	523	525	526	528	529	531	532
538	539	541	542	544	545	547	548	554	555
557	558	560	561	563	564	570	571	573	574
576	577	579	580	586	587	589	590	592	593
595	596	602	603	605	606	608	609	611	612

Plates

121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160

VIGA6

Joints

289	290	293	295	295	296	298	299	301	302
304	305	307	308	310	311	313	314	316	317
319	320	322	323	325	326	328	329	331	332
334	335	337	338	340	341	343	344	346	347
349	350	352	353	355	356	358	359	361	362
364	365	367	368	370	371	373	374	376	377
379	380	382	383	385	386	388	389	391	392
394	395	397	398	400	401	403	404	406	407
409	410								

Members

293	294	296	297	299	300	302	303	309	310
312	313	315	316	318	319	325	326	328	329
331	332	334	335	341	342	344	345	347	348
350	351	357	358	360	361	363	364	366	367
373	374	376	377	379	380	382	383	389	390
392	393	395	396	398	399	405	406	408	409
411	412	414	415	421	422	424	425	427	428
430	431	437	438	440	441	443	444	446	447

Plates

81	82	83	84	80	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110

111	112	113	114	115	116	117	118	119	120

VIGA9

Joints

166	167	169	170	172	173	175	176	178	179
181	182	184	185	187	188	190	191	193	194
196	197	199	200	202	203	205	206	208	209
211	212	214	215	217	218	220	221	223	224
226	227	229	230	232	233	235	236	238	239
241	242	244	245	247	248	250	251	253	254
256	257	259	260	262	263	265	266	268	269
271	272	274	275	277	278	280	281	283	284
286	287								

Members

128	129	131	132	134	135	137	138	144	145
147	148	150	151	153	154	160	161	163	164
166	167	168	170	176	177	179	180	182	183
185	186	192	193	195	196	198	199	201	202
208	209	211	212	214	215	217	218	224	225
227	228	230	231	233	234	240	241	243	244
246	247	249	250	256	257	259	260	262	263
265	266	272	273	275	276	278	279	281	282

Plates

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

VIGA10

Joints

43	44	46	47	49	50	52	53	55	56
58	59	61	62	64	65	67	68	70	71
73	74	76	77	79	80	82	83	85	86
88	89	91	92	94	95	97	98	100	101
103	104	106	107	109	110	112	113	115	116
118	119	121	122	124	125	127	128	130	131

133	134	136	137	139	140	142	143	145	146
148	149	151	152	154	155	157	158	160	161
163	164								

Members

3	4	6	7	9	10	12	13	15	16
18	19	21	22	24	25	27	28	30	31
33	34	36	37	39	40	42	43	45	46
48	49	51	52	54	55	57	58	60	61
63	64	66	67	69	70	72	73	75	76
78	79	81	82	84	85	87	88	90	91
93	94	96	97	99	100	102	103	105	106
108	109	111	112	114	115	117	118	120	121

Plates

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinati	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of Trck Loading	# of Trck Initial
1	PESO-	Static	None	Active	0.0000	0.0000	-1.0000	No	Yes	0	0	0	0	0	0	0	0
2	DL-NC	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	400	0	0	0	0	0
3	DL-C	Static	None	Active	0.0000	0.0000	0.0000	No	Yes	0	0	0	0	840	0	0	0

Stage Summary

Stage 1 'WP0' Day = 1 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1

Construct Structure Groups

VIGAS,DIAFRAGMAS

NO Support Activity.

NO Slave/Master Activity.

NO Tendon Activity.

NO Displacement Initialization Activity.

Load Activity

1 PESO-PROPIO-ACERO 1.3

Stage 2 'DL-NC' Day = 2 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1

No Construction activity

NO Support Activity.

NO Slave/Master Activity.

NO Tendon Activity.

NO Displacement Initialization Activity.

Load Activity

2 DL-NC 1.3

Stage 3 'DL-C' Day = 3 Temp = 22°C Rel Hum = 60 %

Step 1 : Step 1

Construct Structure Groups

LOSA-LINK

NO Support Activity.

NO Slave/Master Activity.

NO Tendon Activity.

NO Displacement Initialization Activity.

Load Activity

3 DL-C 1.3

Result Cases Summary

Stage DL-C: DL-C: Step 1
Solved: 02/03/2009

Load Class: None

RESULT : Reactions

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
44	DLC: Step 1	-40.7631	-0.0001	15.5744	0.0000	0.0000	0.0000
164	DLC: Step 1	0.0000	0.0000	24.7254	0.0000	0.0000	0.0000
167	DLC: Step 1	-13.8993	0.0000	55.1728	0.0000	0.0000	0.0000
287	DLC: Step 1	0.0000	0.0000	57.9592	0.0000	0.0000	0.0000
290	DLC: Step 1	7.2372	0.0000	88.7552	0.0000	0.0000	0.0000
410	DLC: Step 1	0.0000	0.0000	84.6442	0.0000	0.0000	0.0000
413	DLC: Step 1	18.7960	0.0000	110.4691	0.0000	0.0000	0.0000
533	DLC: Step 1	0.0000	0.0000	106.2347	0.0000	0.0000	0.0000
536	DLC: Step 1	27.9444	0.0000	130.0446	0.0000	0.0000	0.0000
656	DLC: Step 1	0.0000	0.0000	124.0521	0.0000	0.0000	0.0000
659	DLC: Step 1	37.4752	0.0000	150.2575	0.0000	0.0000	0.0000
779	DLC: Step 1	0.0000	0.0000	142.9061	0.0000	0.0000	0.0000
782	DLC: Step 1	9.9709	0.0000	160.5191	0.0000	0.0000	0.0000
902	DLC: Step 1	0.0000	0.0000	178.8352	0.0000	0.0000	0.0000
905	DLC: Step 1	26.3253	0.0000	209.9260	0.0000	0.0000	0.0000
1025	DLC: Step 1	0.0000	0.0000	206.3663	0.0000	0.0000	0.0000
1028	DLC: Step 1	-57.8629	0.0000	276.0576	0.0000	0.0000	0.0000
1148	DLC: Step 1	0.0000	0.0000	286.4724	0.0000	0.0000	0.0000
1151	DLC: Step 1	-16.3240	0.0000	297.7034	0.0000	0.0000	0.0000
1271	DLC: Step 1	0.0000	0.0000	299.9299	0.0000	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
133	166	Stage DLC: DLC: Step 1	0.0622	0.1187	-0.0915	-0.0859	-0.0614	0.2198
123	44	Stage DLC: DLC: Step 1	-5.3239	0.0834	0.0915	0.0858	0.8716	-0.0836
124	167	Stage DLC: DLC: Step 1	7.9299	0.1483	0.1278	-0.0268	-0.6854	0.2913
124	43	Stage DLC: DLC: Step 1	-7.8681	0.0528	-0.1278	0.0269	-0.4882	0.1764
125	166	Stage DLC: DLC: Step 1	-2.3866	-0.3310	0.0000	0.0000	0.0000	-0.5168
125	43	Stage DLC: DLC: Step 1	2.3866	-0.0018	0.0000	0.0000	0.0000	-0.5741
126	167	Stage DLC: DLC: Step 1	-4.5812	0.3700	0.0000	0.0000	0.0000	0.5362
126	44	Stage DLC: DLC: Step 1	4.5812	-0.0376	0.0000	0.0000	0.0000	0.5485
139	178	Stage DLC: DLC: Step 1	-10.0029	0.1039	0.1245	-0.0362	-0.5428	0.1367

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
139	56	Stage DLC: DLC: Step 1	9.7412	0.0952	-0.1245	0.0362	-0.5599	-0.1148
140	179	Stage DLC: DLC: Step 1	11.1465	0.0565	0.2219	-0.0360	-0.9878	-0.0254
140	55	Stage DLC: DLC: Step 1	-10.8848	0.1458	-0.2218	0.0360	-0.9763	-0.3606
141	178	Stage DLC: DLC: Step 1	-2.0295	-0.2319	0.0000	0.0000	0.0000	-0.4349
141	55	Stage DLC: DLC: Step 1	2.0295	-0.1013	0.0000	0.0000	0.0000	0.0824
142	179	Stage DLC: DLC: Step 1	2.3146	0.3485	0.0000	0.0000	0.0000	0.5400
142	56	Stage DLC: DLC: Step 1	-2.3146	-0.0167	0.0000	0.0000	0.0000	0.4011
155	180	Stage DLC: DLC: Step 1	-15.7068	0.0862	0.1186	-0.0309	-0.5171	0.0711
155	88	Stage DLC: DLC: Step 1	15.4473	0.1159	-0.1186	0.0309	-0.5333	-0.2029
156	181	Stage DLC: DLC: Step 1	17.2290	0.0361	0.1862	-0.0308	-0.8253	-0.1077
156	87	Stage DLC: DLC: Step 1	-16.9673	0.1641	-0.1862	0.0308	-0.8241	-0.4503
157	180	Stage DLC: DLC: Step 1	-4.8383	-0.2902	0.0000	0.0000	0.0000	-0.5989
157	87	Stage DLC: DLC: Step 1	4.8383	-0.0427	0.0000	0.0000	0.0000	-0.0709
158	181	Stage DLC: DLC: Step 1	7.9689	0.3719	0.0000	0.0000	0.0000	0.6193
158	88	Stage DLC: DLC: Step 1	-7.9689	-0.0367	0.0000	0.0000	0.0000	0.4911
171	202	Stage DLC: DLC: Step 1	-19.7610	0.0730	0.0744	-0.0222	-0.3169	0.0176
171	90	Stage DLC: DLC: Step 1	19.4983	0.1291	-0.0744	0.0222	-0.3402	-0.2660
172	203	Stage DLC: DLC: Step 1	21.4176	0.0253	0.1170	-0.0223	-0.5061	-0.1632
172	79	Stage DLC: DLC: Step 1	-21.1559	0.1768	-0.1170	0.0223	-0.5285	-0.5076
173	202	Stage DLC: DLC: Step 1	-7.1528	-0.3231	0.0000	0.0000	0.0000	-0.6825
173	79	Stage DLC: DLC: Step 1	7.1528	-0.0098	0.0000	0.0000	0.0000	-0.1559
174	203	Stage DLC: DLC: Step 1	11.5820	0.3918	0.0000	0.0000	0.0000	0.6860
174	80	Stage DLC: DLC: Step 1	-11.5820	-0.0598	0.0000	0.0000	0.0000	0.5338
187	214	Stage DLC: DLC: Step 1	-21.9601	0.0648	0.0123	-0.0114	-0.0379	-0.0143
187	92	Stage DLC: DLC: Step 1	21.7034	0.1373	-0.0123	0.0114	-0.0710	-0.3067
188	215	Stage DLC: DLC: Step 1	23.7240	0.0178	0.0329	-0.0120	-0.1281	-0.1953
188	91	Stage DLC: DLC: Step 1	-23.4623	0.1643	-0.0329	0.0120	-0.1957	-0.5419
189	214	Stage DLC: DLC: Step 1	-8.7604	-0.3394	0.0000	0.0000	0.0000	-0.7406
189	91	Stage DLC: DLC: Step 1	8.7604	0.0065	0.0000	0.0000	0.0000	-0.1958
190	215	Stage DLC: DLC: Step 1	14.0320	0.3875	0.0000	0.0000	0.0000	0.7133
190	92	Stage DLC: DLC: Step 1	-14.0320	-0.0646	0.0000	0.0000	0.0000	0.5374
203	226	Stage DLC: DLC: Step 1	-22.5652	0.0623	-0.0591	0.0005	0.2661	-0.0235
203	104	Stage DLC: DLC: Step 1	22.3235	0.1399	0.0591	-0.0005	0.2371	-0.3202
204	227	Stage DLC: DLC: Step 1	24.3819	0.0155	-0.0592	-0.0006	0.2908	-0.2050

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
204	103	Stage DL-C: DL-C: Step 1	-24.1002	0.1668	0.0092	0.0006	0.2331	-0.1530
205	226	Stage DL-C: DL-C: Step 1	-8.2831	-0.3432	0.0000	0.0000	0.0000	-0.7533
205	103	Stage DL-C: DL-C: Step 1	9.2831	0.0103	0.0000	0.0000	0.0000	-0.2034
206	227	Stage DL-C: DL-C: Step 1	14.8241	0.3972	0.0000	0.0000	0.0000	0.7192
206	104	Stage DL-C: DL-C: Step 1	-14.8241	-0.0644	0.0000	0.0000	0.0000	0.5311
219	238	Stage DL-C: DL-C: Step 1	-21.6501	0.0655	-0.1308	0.0124	0.0124	-0.0099
219	116	Stage DL-C: DL-C: Step 1	21.3684	0.1368	0.1308	-0.0124	0.5463	-0.3052
220	239	Stage DL-C: DL-C: Step 1	23.3464	0.0183	-0.1521	0.0107	0.7113	-0.1925
220	115	Stage DL-C: DL-C: Step 1	-23.0947	0.1838	0.1521	-0.0107	0.5080	-0.5405
221	238	Stage DL-C: DL-C: Step 1	-8.6553	-0.3347	0.0000	0.0000	0.0000	-0.7305
221	115	Stage DL-C: DL-C: Step 1	8.6553	0.0018	0.0000	0.0000	0.0000	-0.1805
222	239	Stage DL-C: DL-C: Step 1	14.1183	0.3927	0.0000	0.0000	0.0000	0.7039
222	116	Stage DL-C: DL-C: Step 1	-14.1183	-0.2599	0.0000	0.0000	0.0000	0.5209
235	250	Stage DL-C: DL-C: Step 1	-19.1448	0.0742	-0.1943	0.0232	0.9010	0.0257
235	128	Stage DL-C: DL-C: Step 1	18.8851	0.1279	0.1943	-0.0232	0.8195	-0.2638
236	251	Stage DL-C: DL-C: Step 1	20.6773	0.0262	-0.2388	0.0211	1.1038	-0.1579
236	127	Stage DL-C: DL-C: Step 1	-20.4156	0.1760	0.2388	-0.0211	1.0113	-0.5055
237	250	Stage DL-C: DL-C: Step 1	-8.9577	-0.3135	0.0000	0.0000	0.0000	-0.6717
237	127	Stage DL-C: DL-C: Step 1	8.9577	-0.0194	0.0000	0.0000	0.0000	-0.1244
238	251	Stage DL-C: DL-C: Step 1	11.8081	0.3818	0.0000	0.0000	0.0000	0.6873
238	126	Stage DL-C: DL-C: Step 1	-11.8081	-0.0490	0.0000	0.0000	0.0000	0.4988
251	262	Stage DL-C: DL-C: Step 1	-14.8637	0.0875	-0.2408	0.0326	1.1130	0.0919
251	140	Stage DL-C: DL-C: Step 1	14.6020	0.1148	0.2408	-0.0330	1.0196	-0.3015
252	263	Stage DL-C: DL-C: Step 1	16.1922	0.0390	-0.3125	0.0295	1.4393	-0.1009
252	139	Stage DL-C: DL-C: Step 1	-15.9305	0.1631	0.3125	-0.0295	1.3279	-0.4489
253	262	Stage DL-C: DL-C: Step 1	-6.3994	-0.2706	0.0000	0.0000	0.0000	-0.5675
253	139	Stage DL-C: DL-C: Step 1	6.3994	-0.0573	0.0000	0.0000	0.0000	-0.0234
254	263	Stage DL-C: DL-C: Step 1	8.4608	0.3570	0.0000	0.0000	0.0000	0.5930
254	140	Stage DL-C: DL-C: Step 1	-8.4608	-0.0241	0.0000	0.0000	0.0000	0.4399
267	274	Stage DL-C: DL-C: Step 1	-8.8314	0.1041	-0.2515	0.0378	1.1639	0.1486
267	152	Stage DL-C: DL-C: Step 1	8.5997	0.0980	0.2515	-0.0378	1.0636	-0.1215
268	275	Stage DL-C: DL-C: Step 1	9.7799	0.0573	-0.3542	0.0351	1.6302	-0.0179
268	151	Stage DL-C: DL-C: Step 1	-9.5182	0.1449	0.3542	-0.0351	1.5070	-0.3699
269	274	Stage DL-C: DL-C: Step 1	-1.9310	-0.2083	0.0000	0.0000	0.0000	-0.3912

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
269	151	Stage DL-C: DL-C: Step 1	1.9310	-0.1246	0.0000	0.0000	0.0000	0.1549
270	275	Stage DL-C: DL-C: Step 1	3.6562	0.3230	0.0000	0.0000	0.0000	0.4837
270	152	Stage DL-C: DL-C: Step 1	-3.6562	0.0093	0.0000	0.0000	0.0000	0.3568
283	286	Stage DL-C: DL-C: Step 1	6.8031	0.1147	-0.2955	0.0443	0.8610	0.1677
283	164	Stage DL-C: DL-C: Step 1	-6.8648	0.2874	0.2955	-0.0443	-0.0353	-0.0667
284	287	Stage DL-C: DL-C: Step 1	6.4048	0.1551	-0.1134	0.0230	0.4536	0.3218
284	163	Stage DL-C: DL-C: Step 1	-6.1431	0.0470	0.1134	-0.0230	0.5503	0.1568
285	286	Stage DL-C: DL-C: Step 1	-3.3035	-0.3197	0.0000	0.0000	0.0000	-0.4670
285	163	Stage DL-C: DL-C: Step 1	3.3035	-0.0131	0.0000	0.0000	0.0000	-0.3628
286	287	Stage DL-C: DL-C: Step 1	-4.7411	0.3675	0.0000	0.0000	0.0000	0.5404
286	164	Stage DL-C: DL-C: Step 1	4.7411	-0.0346	0.0000	0.0000	0.0000	0.5480
288	288	Stage DL-C: DL-C: Step 1	10.5503	0.0833	-0.0416	-0.0346	-0.2423	0.0169
288	167	Stage DL-C: DL-C: Step 1	-10.8121	0.1368	0.0416	0.0346	0.8106	-0.3514
289	290	Stage DL-C: DL-C: Step 1	13.8365	0.1819	0.0819	-0.0249	-0.4740	0.3842
289	168	Stage DL-C: DL-C: Step 1	-13.5738	0.0403	-0.0819	0.0249	-0.2516	0.1543
290	289	Stage DL-C: DL-C: Step 1	-5.0134	-0.2675	0.0000	0.0000	0.0000	-0.3882
290	168	Stage DL-C: DL-C: Step 1	5.0134	-0.0603	0.0000	0.0000	0.0000	-0.1490
291	290	Stage DL-C: DL-C: Step 1	-7.6046	0.2393	0.0000	0.0000	0.0000	0.3754
291	167	Stage DL-C: DL-C: Step 1	7.6046	0.0935	0.0000	0.0000	0.0000	0.0192
304	301	Stage DL-C: DL-C: Step 1	-13.7590	0.0888	0.1600	-0.0339	-0.6395	0.0229
304	179	Stage DL-C: DL-C: Step 1	13.4943	0.1333	-0.1600	0.0339	-0.7772	-0.3084
305	302	Stage DL-C: DL-C: Step 1	14.2459	0.0795	0.2193	-0.0332	-1.0869	0.0561
305	178	Stage DL-C: DL-C: Step 1	-13.9822	0.1226	-0.2193	0.0332	-0.8757	-0.2470
306	301	Stage DL-C: DL-C: Step 1	-10.6710	-0.3595	0.0000	0.0000	0.0000	-0.6756
306	178	Stage DL-C: DL-C: Step 1	10.6710	0.0266	0.0000	0.0000	0.0000	-0.3693
307	302	Stage DL-C: DL-C: Step 1	11.6728	0.3109	0.0000	0.0000	0.0000	0.5914
307	179	Stage DL-C: DL-C: Step 1	-11.6728	0.0229	0.0000	0.0000	0.0000	0.1908
320	313	Stage DL-C: DL-C: Step 1	-25.2247	0.0529	0.1491	-0.0288	-0.8009	-0.0312
320	191	Stage DL-C: DL-C: Step 1	22.9693	0.1482	-0.1491	0.0288	-0.7194	-0.3950
321	314	Stage DL-C: DL-C: Step 1	24.4759	0.0057	0.1833	-0.0283	-0.8836	-0.0391
321	190	Stage DL-C: DL-C: Step 1	-24.2142	0.1464	-0.1833	0.0283	-0.7400	-0.3624
322	313	Stage DL-C: DL-C: Step 1	-18.4321	-0.4853	0.0000	0.0000	0.0000	-1.0630
322	190	Stage DL-C: DL-C: Step 1	18.4321	0.1954	0.0000	0.0000	0.0000	-0.6794
323	314	Stage DL-C: DL-C: Step 1	25.2425	0.4151	0.0000	0.0000	0.0000	0.9099

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
329	191	Stage:DL+C: DL+C: Step 1	-25.2426	-0.0822	0.0000	0.0000	0.0000	0.4361
330	325	Stage:DL+C: DL+C: Step 1	-30.1342	0.0401	0.0958	-0.0209	-0.3855	-0.0773
330	203	Stage:DL+C: DL+C: Step 1	28.8425	0.1621	-0.0958	0.0209	-0.4831	-0.4629
331	326	Stage:DL+C: DL+C: Step 1	31.8777	0.0396	0.1138	-0.0205	-0.5339	-0.1018
331	202	Stage:DL+C: DL+C: Step 1	-31.4180	0.1625	-0.1138	0.0205	-0.4543	-0.4425
338	325	Stage:DL+C: DL+C: Step 1	-25.2711	-0.5744	0.0000	0.0000	0.0000	-1.3254
338	202	Stage:DL+C: DL+C: Step 1	25.2711	0.2415	0.0000	0.0000	0.0000	-0.8830
339	326	Stage:DL+C: DL+C: Step 1	34.1784	0.4929	0.0000	0.0000	0.0000	1.1472
339	203	Stage:DL+C: DL+C: Step 1	-34.1784	-0.1660	0.0000	0.0000	0.0000	0.6199
352	337	Stage:DL+C: DL+C: Step 1	-34.0290	0.0526	0.0225	-0.0110	-0.0831	-0.1033
352	215	Stage:DL+C: DL+C: Step 1	35.7673	0.1688	-0.0225	0.0110	-0.1158	-0.5028
353	338	Stage:DL+C: DL+C: Step 1	35.7990	0.0300	0.0295	-0.0107	-0.1591	-0.1363
353	214	Stage:DL+C: DL+C: Step 1	-35.5373	0.1721	-0.0295	0.0107	-0.1018	-0.4909
354	337	Stage:DL+C: DL+C: Step 1	-29.5378	-0.4219	0.0000	0.0000	0.0000	-1.4729
354	214	Stage:DL+C: DL+C: Step 1	29.5378	0.2895	0.0000	0.0000	0.0000	-0.9607
355	338	Stage:DL+C: DL+C: Step 1	39.8342	0.5360	0.0000	0.0000	0.0000	1.2815
355	215	Stage:DL+C: DL+C: Step 1	-39.8342	-0.2032	0.0000	0.0000	0.0000	0.7185
368	345	Stage:DL+C: DL+C: Step 1	-35.1675	0.0904	-0.0615	-0.0001	0.2852	-0.1108
368	227	Stage:DL+C: DL+C: Step 1	34.9058	0.1717	0.0615	0.0001	0.2792	-0.5146
369	350	Stage:DL+C: DL+C: Step 1	37.0123	0.0271	-0.0627	0.0001	0.2696	-0.1462
369	226	Stage:DL+C: DL+C: Step 1	-36.7936	0.1750	0.0627	-0.0001	0.2860	-0.5054
370	349	Stage:DL+C: DL+C: Step 1	-30.9002	-0.6358	0.0000	0.0000	0.0000	-1.5154
370	226	Stage:DL+C: DL+C: Step 1	30.9002	0.3026	0.0000	0.0000	0.0000	-1.0238
371	350	Stage:DL+C: DL+C: Step 1	41.8059	0.5487	0.0000	0.0000	0.0000	1.3213
371	227	Stage:DL+C: DL+C: Step 1	-41.8059	-0.2158	0.0000	0.0000	0.0000	0.7479
384	361	Stage:DL+C: DL+C: Step 1	-33.5718	0.0330	-0.1480	0.0108	0.6185	-0.1004
384	239	Stage:DL+C: DL+C: Step 1	33.3101	0.1686	0.1480	-0.0108	0.6798	-0.4662
385	362	Stage:DL+C: DL+C: Step 1	36.3325	0.0311	-0.1556	0.0108	0.7005	-0.1341
385	238	Stage:DL+C: DL+C: Step 1	-35.0706	0.1710	0.1556	-0.0108	0.6795	-0.4853
386	361	Stage:DL+C: DL+C: Step 1	-29.2427	-0.6157	0.0000	0.0000	0.0000	-1.4634
386	238	Stage:DL+C: DL+C: Step 1	29.2427	0.2828	0.0000	0.0000	0.0000	-0.9788
387	362	Stage:DL+C: DL+C: Step 1	39.8069	0.5318	0.0000	0.0000	0.0000	1.2683
387	239	Stage:DL+C: DL+C: Step 1	-39.8069	-0.1989	0.0000	0.0000	0.0000	0.7083
400	373	Stage:DL+C: DL+C: Step 1	-29.2200	0.0417	-0.2214	0.0297	0.8262	-0.5716

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
400	251	Stage:DL+C: DL+C: Step 1	28.9082	0.1605	0.2214	-0.0297	1.0323	-0.4542
401	374	Stage:DL+C: DL+C: Step 1	30.7627	0.0417	-0.2415	0.0206	1.1017	-0.0939
401	250	Stage:DL+C: DL+C: Step 1	-30.5010	0.1604	0.2415	-0.0206	1.0373	-0.4320
402	373	Stage:DL+C: DL+C: Step 1	-24.7413	-0.5815	0.0000	0.0000	0.0000	-1.2957
402	250	Stage:DL+C: DL+C: Step 1	24.7413	0.2287	0.0000	0.0000	0.0000	-0.8531
403	374	Stage:DL+C: DL+C: Step 1	33.6482	0.4645	0.0000	0.0000	0.0000	1.1220
403	251	Stage:DL+C: DL+C: Step 1	-33.6482	-0.1516	0.0000	0.0000	0.0000	0.5966
416	385	Stage:DL+C: DL+C: Step 1	-21.9605	0.0550	-0.2781	0.0288	1.1600	-0.0243
416	263	Stage:DL+C: DL+C: Step 1	21.6888	0.1472	0.2781	-0.0288	1.3032	-0.3640
417	386	Stage:DL+C: DL+C: Step 1	23.2047	0.0580	-0.3140	0.0285	1.4436	-0.0276
417	262	Stage:DL+C: DL+C: Step 1	-22.9430	0.1438	0.3140	-0.0285	1.3575	-0.3489
418	385	Stage:DL+C: DL+C: Step 1	-17.8484	-0.4686	0.0000	0.0000	0.0000	-1.0035
418	262	Stage:DL+C: DL+C: Step 1	17.8484	0.1357	0.0000	0.0000	0.0000	-0.8322
419	386	Stage:DL+C: DL+C: Step 1	24.7052	0.4035	0.0000	0.0000	0.0000	0.8762
419	263	Stage:DL+C: DL+C: Step 1	-24.7052	-0.0706	0.0000	0.0000	0.0000	0.4070
432	397	Stage:DL+C: DL+C: Step 1	-12.2983	0.0769	-0.2947	0.0340	1.2243	0.0299
432	275	Stage:DL+C: DL+C: Step 1	13.0366	0.1312	0.2947	-0.0340	1.3857	-0.2967
433	398	Stage:DL+C: DL+C: Step 1	12.8443	0.0620	-0.3042	0.0336	1.8429	0.0679
433	274	Stage:DL+C: DL+C: Step 1	-12.5626	0.1291	0.3042	-0.0336	1.4944	-0.2368
434	397	Stage:DL+C: DL+C: Step 1	-10.4985	-0.3322	0.0000	0.0000	0.0000	-0.5975
434	274	Stage:DL+C: DL+C: Step 1	10.4985	-0.0087	0.0000	0.0000	0.0000	-0.3003
435	398	Stage:DL+C: DL+C: Step 1	12.0081	0.2960	0.0000	0.0000	0.0000	0.5582
435	275	Stage:DL+C: DL+C: Step 1	-13.0081	0.0339	0.0000	0.0000	0.0000	0.1584
448	409	Stage:DL+C: DL+C: Step 1	11.1877	0.0595	-0.0490	0.0298	0.7170	-0.0087
448	287	Stage:DL+C: DL+C: Step 1	-11.4484	0.1426	0.0490	-0.0298	0.2917	-0.3590
449	410	Stage:DL+C: DL+C: Step 1	12.9871	0.1598	-0.1555	0.0215	0.6952	0.3879
449	286	Stage:DL+C: DL+C: Step 1	-12.7254	0.0428	0.1555	-0.0215	0.7117	0.1295
450	409	Stage:DL+C: DL+C: Step 1	-6.4587	-0.2106	0.0000	0.0000	0.0000	-0.2529
450	286	Stage:DL+C: DL+C: Step 1	6.4587	-0.1223	0.0000	0.0000	0.0000	0.0131
451	410	Stage:DL+C: DL+C: Step 1	-7.4992	0.2354	0.0000	0.0000	0.0000	0.3717
451	287	Stage:DL+C: DL+C: Step 1	7.4992	0.0975	0.0000	0.0000	0.0000	0.0017
453	412	Stage:DL+C: DL+C: Step 1	14.5453	0.0549	-0.0029	-0.0329	-0.3905	-0.0372
453	290	Stage:DL+C: DL+C: Step 1	-14.5070	0.1472	0.0029	0.0329	0.4158	-0.3712
454	413	Stage:DL+C: DL+C: Step 1	18.4707	0.1735	0.0746	-0.0337	-0.4319	0.4366

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
454	289	Stage DL-C: DL-C: Step 1	-16.2090	0.0291	-0.0746	0.0237	-0.2289	0.1976
455	412	Stage DL-C: DL-C: Step 1	-7.1954	-0.2731	0.5000	0.0000	0.0000	-0.4160
455	289	Stage DL-C: DL-C: Step 1	7.1954	-0.0096	0.0000	0.0000	0.0000	-0.1593
456	413	Stage DL-C: DL-C: Step 1	-8.1054	0.2807	0.0000	0.0000	0.0000	0.3967
456	290	Stage DL-C: DL-C: Step 1	8.1054	0.0721	0.0000	0.0000	0.0000	0.1137
469	424	Stage DL-C: DL-C: Step 1	-16.6826	0.0741	0.1426	-0.0332	-0.5727	0.0792
469	302	Stage DL-C: DL-C: Step 1	16.4206	0.1280	-0.1426	0.0332	-0.6894	-0.3182
470	425	Stage DL-C: DL-C: Step 1	17.8244	0.0624	0.2482	-0.0321	-1.2156	0.0210
470	301	Stage DL-C: DL-C: Step 1	-17.3627	0.1397	-0.2482	0.0321	-0.9623	-0.3637
471	424	Stage DL-C: DL-C: Step 1	-17.8172	-0.3900	0.0000	0.0000	0.0000	-0.9000
471	301	Stage DL-C: DL-C: Step 1	17.8172	0.0571	0.0000	0.0000	0.0000	-0.3125
472	425	Stage DL-C: DL-C: Step 1	22.8414	0.3599	0.0000	0.0000	0.0000	0.7899
472	302	Stage DL-C: DL-C: Step 1	-22.8414	-0.0292	0.0000	0.0000	0.0000	0.2520
485	436	Stage DL-C: DL-C: Step 1	-26.7727	0.0551	0.1339	-0.0291	-0.5393	0.0391
485	314	Stage DL-C: DL-C: Step 1	26.5110	0.1470	-0.1339	0.0291	-0.6429	-0.4447
486	437	Stage DL-C: DL-C: Step 1	30.5329	0.0319	0.2052	-0.0272	-0.8970	-0.5799
486	313	Stage DL-C: DL-C: Step 1	-30.5709	0.1702	-0.2052	0.0272	-0.8203	-0.5334
487	436	Stage DL-C: DL-C: Step 1	-31.8055	-0.5082	0.0000	0.0000	0.0000	-1.4660
487	313	Stage DL-C: DL-C: Step 1	31.8055	0.2251	0.0000	0.0000	0.0000	-0.6537
488	437	Stage DL-C: DL-C: Step 1	45.2775	0.4973	0.0000	0.0000	0.0000	1.2746
488	314	Stage DL-C: DL-C: Step 1	-45.2775	-0.1645	0.0000	0.0000	0.0000	0.5172
501	448	Stage DL-C: DL-C: Step 1	-37.6478	0.0393	0.0873	-0.0204	-0.3531	-0.0018
501	326	Stage DL-C: DL-C: Step 1	37.3961	0.1628	-0.0873	0.0204	-0.4203	-0.5456
502	449	Stage DL-C: DL-C: Step 1	46.1684	0.0115	0.1320	-0.0197	-0.6463	-0.1429
502	325	Stage DL-C: DL-C: Step 1	-26.9077	0.1907	-0.1320	0.0197	-0.5334	-0.6510
503	449	Stage DL-C: DL-C: Step 1	-43.4145	-0.6733	0.0000	0.0000	0.0000	-1.8808
503	325	Stage DL-C: DL-C: Step 1	43.4145	0.3405	0.0000	0.0000	0.0000	-0.8833
504	449	Stage DL-C: DL-C: Step 1	60.4263	0.5969	0.0000	0.0000	0.0000	1.6299
504	326	Stage DL-C: DL-C: Step 1	-60.4263	-0.2682	0.0000	0.0000	0.0000	0.7110
517	460	Stage DL-C: DL-C: Step 1	-42.8150	0.0299	0.0229	-0.0107	-0.0885	-0.0245
517	338	Stage DL-C: DL-C: Step 1	42.5533	0.1722	-0.0229	0.0107	-0.1143	-0.6060
518	461	Stage DL-C: DL-C: Step 1	45.6460	-0.0009	0.0445	-0.0103	-0.2327	-0.1804
518	337	Stage DL-C: DL-C: Step 1	-45.3847	0.2052	-0.0445	0.0103	-0.1815	-0.7224
519	460	Stage DL-C: DL-C: Step 1	-50.7488	-0.7392	0.0000	0.0000	0.0000	-2.0901

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
519	337	Stage DL-C: DL-C: Step 1	50.7488	0.4064	0.0000	0.0000	0.0000	-1.2107
520	461	Stage DL-C: DL-C: Step 1	68.0194	0.6572	0.0000	0.0000	0.0000	1.8377
520	338	Stage DL-C: DL-C: Step 1	-68.0194	-0.3244	0.0000	0.0000	0.0000	0.8191
533	472	Stage DL-C: DL-C: Step 1	-44.4046	0.0269	-0.0512	-0.0001	0.2179	-0.0321
533	350	Stage DL-C: DL-C: Step 1	44.1429	0.1752	0.0512	0.0001	0.2358	-0.6247
534	473	Stage DL-C: DL-C: Step 1	47.3497	-0.0047	-0.0508	0.0001	0.2145	-0.1920
534	349	Stage DL-C: DL-C: Step 1	-47.0796	0.2068	0.0505	-0.0001	0.2328	-0.7442
535	472	Stage DL-C: DL-C: Step 1	-53.0914	-0.7391	0.0000	0.0000	0.0000	-2.1592
535	349	Stage DL-C: DL-C: Step 1	53.0914	0.4262	0.0000	0.0000	0.0000	-1.3491
536	473	Stage DL-C: DL-C: Step 1	72.8925	0.6756	0.0000	0.0000	0.0000	1.9025
536	350	Stage DL-C: DL-C: Step 1	-72.8925	-0.3427	0.0000	0.0000	0.0000	0.8536
549	484	Stage DL-C: DL-C: Step 1	-42.4260	0.0304	-0.1259	0.0105	0.5267	-0.0247
549	362	Stage DL-C: DL-C: Step 1	42.1965	0.1717	0.1259	-0.0105	0.5880	-0.6013
550	485	Stage DL-C: DL-C: Step 1	45.2441	0.0003	-0.1458	0.0105	0.6627	-0.1768
550	361	Stage DL-C: DL-C: Step 1	-44.9624	0.2018	0.1458	-0.0105	0.6284	-0.7153
551	484	Stage DL-C: DL-C: Step 1	-50.2712	-0.7332	0.0000	0.0000	0.0000	-2.0675
551	361	Stage DL-C: DL-C: Step 1	50.2712	0.4003	0.0000	0.0000	0.0000	-1.0005
552	485	Stage DL-C: DL-C: Step 1	68.0435	0.6546	0.0000	0.0000	0.0000	1.8247
552	362	Stage DL-C: DL-C: Step 1	-68.0435	-0.3217	0.0000	0.0000	0.0000	0.8177
565	498	Stage DL-C: DL-C: Step 1	-36.8897	0.0402	-0.1918	0.0201	0.7982	-0.0021
565	374	Stage DL-C: DL-C: Step 1	36.8280	0.1918	0.1918	-0.0201	0.8007	-0.5966
566	497	Stage DL-C: DL-C: Step 1	39.3842	0.0138	-0.2341	0.0199	1.8784	-0.1952
566	373	Stage DL-C: DL-C: Step 1	-39.1225	0.1883	0.2341	-0.0199	0.8657	-0.6375
567	496	Stage DL-C: DL-C: Step 1	-42.5667	-0.6609	0.0000	0.0000	0.0000	-1.8154
567	373	Stage DL-C: DL-C: Step 1	42.5667	0.3289	0.0000	0.0000	0.0000	-0.8611
568	497	Stage DL-C: DL-C: Step 1	58.7954	0.5946	0.0000	0.0000	0.0000	1.6282
568	374	Stage DL-C: DL-C: Step 1	-58.7954	-0.2612	0.0000	0.0000	0.0000	0.7087
581	508	Stage DL-C: DL-C: Step 1	-27.7485	0.0562	-0.2406	0.0279	0.9960	0.0068
581	386	Stage DL-C: DL-C: Step 1	27.4878	0.1459	0.2406	-0.0279	1.1351	-0.4836
582	509	Stage DL-C: DL-C: Step 1	29.7732	0.0351	-0.3089	0.0275	1.4062	-0.0680
582	385	Stage DL-C: DL-C: Step 1	-29.5115	0.1670	0.3089	-0.0275	1.2999	-0.5157
583	508	Stage DL-C: DL-C: Step 1	-50.7030	-0.5395	0.0000	0.0000	0.0000	-1.4813
583	385	Stage DL-C: DL-C: Step 1	50.7030	0.2998	0.0000	0.0000	0.0000	-0.8181
584	509	Stage DL-C: DL-C: Step 1	43.1823	0.4918	0.0000	0.0000	0.0000	1.2459

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
584	386	Stage DL-C: DL-C: Step 1	-43.1823	-0.1589	0.0000	0.0000	0.0000	0.5154
597	520	Stage DL-C: DL-C: Step 1	-15.7123	0.0748	-0.2534	0.0331	1.0456	0.0764
597	598	Stage DL-C: DL-C: Step 1	15.4936	0.1273	0.2534	-0.0331	1.1986	-0.3691
598	521	Stage DL-C: DL-C: Step 1	16.6566	0.0653	-0.3541	0.0325	1.8612	0.0330
598	397	Stage DL-C: DL-C: Step 1	-16.3948	0.1368	0.3541	-0.0325	1.4745	-0.3494
599	535	Stage DL-C: DL-C: Step 1	-17.6316	-0.3678	0.0000	0.0000	0.0000	-0.8293
599	587	Stage DL-C: DL-C: Step 1	17.6316	0.0350	0.0000	0.0000	0.0000	-0.3809
600	521	Stage DL-C: DL-C: Step 1	21.4285	0.3571	0.0000	0.0000	0.0000	0.7756
600	399	Stage DL-C: DL-C: Step 1	-21.4285	-0.0242	0.0000	0.0000	0.0000	0.2596
613	532	Stage DL-C: DL-C: Step 1	14.4714	0.0531	-0.0098	0.0298	0.5662	-0.3527
613	410	Stage DL-C: DL-C: Step 1	-14.7331	0.1490	0.0098	-0.0298	-0.5106	-0.3719
614	533	Stage DL-C: DL-C: Step 1	17.2283	0.1703	-0.1741	0.0198	0.8381	0.4393
614	409	Stage DL-C: DL-C: Step 1	-16.9666	0.0318	0.1741	-0.0198	0.7062	0.1738
615	532	Stage DL-C: DL-C: Step 1	-8.9535	-0.2215	0.0000	0.0000	0.0000	-0.2897
615	409	Stage DL-C: DL-C: Step 1	8.9535	-0.1114	0.0000	0.0000	0.0000	-0.0094
616	533	Stage DL-C: DL-C: Step 1	-8.6903	0.2457	0.0000	0.0000	0.0000	0.4114
616	410	Stage DL-C: DL-C: Step 1	8.6903	0.0671	0.0000	0.0000	0.0000	0.1260
618	535	Stage DL-C: DL-C: Step 1	17.5186	0.0407	0.0098	-0.0319	-0.4520	-0.1922
618	413	Stage DL-C: DL-C: Step 1	-17.7803	0.1614	-0.0098	0.0319	0.3656	-0.4326
619	536	Stage DL-C: DL-C: Step 1	21.8292	0.1818	0.0720	-0.0224	-0.4199	0.4891
619	412	Stage DL-C: DL-C: Step 1	-21.5675	0.0205	-0.0720	0.0224	-0.2178	0.2277
620	539	Stage DL-C: DL-C: Step 1	-8.6960	-0.2613	0.0000	0.0000	0.0000	-0.3928
620	412	Stage DL-C: DL-C: Step 1	8.6960	-0.0716	0.0000	0.0000	0.0000	-0.1206
621	536	Stage DL-C: DL-C: Step 1	-8.5316	0.2541	0.0000	0.0000	0.0000	0.3903
621	413	Stage DL-C: DL-C: Step 1	8.5316	0.0787	0.0000	0.0000	0.0000	0.0645
634	547	Stage DL-C: DL-C: Step 1	-18.0567	0.0721	0.1295	-0.0327	-0.5180	0.0984
634	425	Stage DL-C: DL-C: Step 1	17.7950	0.1300	-0.1295	0.0327	-0.6289	-0.3546
635	548	Stage DL-C: DL-C: Step 1	18.3375	0.0627	0.2770	-0.0314	-1.3563	0.0440
635	424	Stage DL-C: DL-C: Step 1	-19.0758	0.1184	-0.2770	0.0314	-1.0971	-0.3838
636	547	Stage DL-C: DL-C: Step 1	-25.9333	-0.4290	0.0000	0.0000	0.0000	-1.0558
636	424	Stage DL-C: DL-C: Step 1	25.9333	0.0951	0.0000	0.0000	0.0000	-0.3599
637	548	Stage DL-C: DL-C: Step 1	35.0262	0.3760	0.0000	0.0000	0.0000	0.9324
637	425	Stage DL-C: DL-C: Step 1	-35.0262	-0.0484	0.0000	0.0000	0.0000	0.2199
650	559	Stage DL-C: DL-C: Step 1	-31.3619	0.0548	0.1213	-0.0277	-0.4882	0.0867

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
650	437	Stage DL-C: DL-C: Step 1	31.1193	0.1473	-0.1213	0.0277	-0.5859	-0.4998
651	560	Stage DL-C: DL-C: Step 1	34.0991	0.0308	0.2272	-0.0298	-1.1098	-0.0396
651	438	Stage DL-C: DL-C: Step 1	-33.8284	0.1715	-0.2272	0.0298	-0.9086	-0.5844
652	559	Stage DL-C: DL-C: Step 1	-45.8718	-0.6285	0.0000	0.0000	0.0000	-1.7722
652	438	Stage DL-C: DL-C: Step 1	45.8718	0.2937	0.0000	0.0000	0.0000	-0.7194
653	560	Stage DL-C: DL-C: Step 1	66.2365	0.5401	0.0000	0.0000	0.0000	1.5621
653	437	Stage DL-C: DL-C: Step 1	-66.2365	-0.2132	0.0000	0.0000	0.0000	0.4652
666	571	Stage DL-C: DL-C: Step 1	-41.3206	0.0394	0.0815	-0.0200	-0.3301	0.0882
666	449	Stage DL-C: DL-C: Step 1	41.0589	0.1627	-0.0815	0.0200	-0.3921	-0.6152
667	572	Stage DL-C: DL-C: Step 1	44.6403	0.0089	0.1507	-0.0192	-0.7367	-0.0829
667	448	Stage DL-C: DL-C: Step 1	-44.3786	0.1932	-0.1507	0.0192	-0.5965	-0.7244
668	571	Stage DL-C: DL-C: Step 1	-62.6703	-0.7663	0.0000	0.0000	0.0000	-2.2628
668	448	Stage DL-C: DL-C: Step 1	62.6703	0.4335	0.0000	0.0000	0.0000	-0.9647
669	572	Stage DL-C: DL-C: Step 1	67.6648	0.6683	0.0000	0.0000	0.0000	2.0233
669	449	Stage DL-C: DL-C: Step 1	-67.6648	-0.3305	0.0000	0.0000	0.0000	0.6936
682	583	Stage DL-C: DL-C: Step 1	-47.2611	0.0301	0.0254	-0.0106	-0.1017	0.0574
682	461	Stage DL-C: DL-C: Step 1	46.8994	0.1720	-0.0254	0.0106	-0.1232	-0.6861
683	584	Stage DL-C: DL-C: Step 1	59.9771	-0.0044	0.0603	-0.0100	-0.3075	-0.1238
683	462	Stage DL-C: DL-C: Step 1	-59.7154	0.2065	-0.0603	0.0100	-0.2267	-0.8098
684	583	Stage DL-C: DL-C: Step 1	-73.1067	-0.9481	0.0000	0.0000	0.0000	-2.5674
684	460	Stage DL-C: DL-C: Step 1	73.1067	0.5162	0.0000	0.0000	0.0000	-1.1079
685	584	Stage DL-C: DL-C: Step 1	101.0187	0.7409	0.0000	0.0000	0.0000	2.2993
685	461	Stage DL-C: DL-C: Step 1	-101.0187	-0.4080	0.0000	0.0000	0.0000	0.8103
688	595	Stage DL-C: DL-C: Step 1	-46.1822	0.0269	-0.0096	-0.0002	0.1648	0.0524
688	473	Stage DL-C: DL-C: Step 1	46.8205	0.1752	0.0096	0.0002	0.1884	-0.7099
689	596	Stage DL-C: DL-C: Step 1	53.0232	-0.0085	-0.0575	0.0002	0.1549	-0.1339
689	472	Stage DL-C: DL-C: Step 1	-52.7915	0.2106	0.0575	-0.0002	0.1776	-0.8364
700	595	Stage DL-C: DL-C: Step 1	-76.4703	-0.8754	0.0000	0.0000	0.0000	-2.6833
700	472	Stage DL-C: DL-C: Step 1	76.4703	0.5425	0.0000	0.0000	0.0000	-1.1547
701	596	Stage DL-C: DL-C: Step 1	105.1341	0.7648	0.0000	0.0000	0.0000	2.3982
701	473	Stage DL-C: DL-C: Step 1	-105.1341	-0.4319	0.0000	0.0000	0.0000	0.8309
714	607	Stage DL-C: DL-C: Step 1	-47.0531	0.0300	-0.1051	0.0102	0.4231	0.0536
714	485	Stage DL-C: DL-C: Step 1	46.7914	0.1721	0.1051	-0.0102	0.4876	-0.6828
715	608	Stage DL-C: DL-C: Step 1	50.7264	-0.0030	-0.1354	0.0103	0.8173	-0.1218

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
715	484	Stage DL-C: DL-C: Step 1	-50.4647	0.2054	0.1354	-0.0103	0.5822	-0.3023
716	607	Stage DL-C: DL-C: Step 1	-72.5245	-0.3401	0.0000	0.0000	0.0000	-2.3681
716	484	Stage DL-C: DL-C: Step 1	72.5245	0.0123	0.0000	0.0000	0.0000	-1.1060
717	606	Stage DL-C: DL-C: Step 1	99.6370	0.7400	0.0000	0.0000	0.0000	2.2879
717	485	Stage DL-C: DL-C: Step 1	-99.6370	-0.4071	0.0000	0.0000	0.0000	0.8171
730	619	Stage DL-C: DL-C: Step 1	-46.9915	0.0364	-0.1624	0.0197	0.6668	0.0925
730	487	Stage DL-C: DL-C: Step 1	46.6396	0.1627	0.1624	-0.0197	0.7716	-0.4087
731	620	Stage DL-C: DL-C: Step 1	44.1346	0.0110	-0.2260	0.0188	1.0466	-0.3875
731	486	Stage DL-C: DL-C: Step 1	-43.8729	0.1911	0.2260	-0.0185	0.9553	-0.7087
732	619	Stage DL-C: DL-C: Step 1	-61.8358	-0.7582	0.0000	0.0000	0.0000	-2.2449
732	486	Stage DL-C: DL-C: Step 1	61.8358	0.4254	0.0000	0.0000	0.0000	-0.9588
733	620	Stage DL-C: DL-C: Step 1	95.0089	0.6669	0.0000	0.0000	0.0000	2.0022
733	487	Stage DL-C: DL-C: Step 1	-95.0089	-0.3340	0.0000	0.0000	0.0000	0.7068
746	631	Stage DL-C: DL-C: Step 1	-32.7818	0.0548	-0.2042	0.0274	0.6337	0.0925
746	509	Stage DL-C: DL-C: Step 1	30.5201	0.1473	0.2042	-0.0274	0.8744	-0.4904
747	632	Stage DL-C: DL-C: Step 1	33.3639	0.0337	-0.3053	0.0270	1.4156	-0.0310
747	508	Stage DL-C: DL-C: Step 1	-33.1009	0.1684	0.3053	-0.0270	1.2702	-0.5646
748	631	Stage DL-C: DL-C: Step 1	-44.7707	-0.6145	0.0000	0.0000	0.0000	-1.7210
748	508	Stage DL-C: DL-C: Step 1	44.7707	0.2816	0.0000	0.0000	0.0000	-0.7043
749	632	Stage DL-C: DL-C: Step 1	62.6265	0.5446	0.0000	0.0000	0.0000	1.8373
749	509	Stage DL-C: DL-C: Step 1	-62.6265	-0.2119	0.0000	0.0000	0.0000	0.5109
762	643	Stage DL-C: DL-C: Step 1	-17.5674	0.0721	-0.2149	0.0325	0.8749	0.0919
762	521	Stage DL-C: DL-C: Step 1	17.3057	0.1300	0.2149	-0.0325	1.0263	-0.3465
763	644	Stage DL-C: DL-C: Step 1	18.7251	0.0661	-0.3538	0.0319	1.8689	0.0564
763	520	Stage DL-C: DL-C: Step 1	-18.4634	0.1360	0.3538	-0.0318	1.4668	-0.3659
764	643	Stage DL-C: DL-C: Step 1	-25.7406	-0.4164	0.0000	0.0000	0.0000	-1.0140
764	520	Stage DL-C: DL-C: Step 1	25.7406	0.0835	0.0000	0.0000	0.0000	-0.3391
765	644	Stage DL-C: DL-C: Step 1	31.8120	0.3634	0.0000	0.0000	0.0000	0.9281
765	521	Stage DL-C: DL-C: Step 1	-31.8120	-0.0505	0.0000	0.0000	0.0000	0.2462
778	655	Stage DL-C: DL-C: Step 1	16.6796	0.0391	0.0228	0.0305	0.4829	-0.1137
778	533	Stage DL-C: DL-C: Step 1	-16.8414	0.1831	-0.0228	-0.0305	-0.6929	-0.4354
779	656	Stage DL-C: DL-C: Step 1	20.7329	0.1787	-0.1831	0.0189	0.9810	0.4848
779	532	Stage DL-C: DL-C: Step 1	-20.4891	0.0225	0.1831	-0.0188	0.7187	0.2118
780	655	Stage DL-C: DL-C: Step 1	-13.0414	-0.2341	0.0000	0.0000	0.0000	-0.3269

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
780	532	Stage DL-C: DL-C: Step 1	13.0414	-0.0958	0.0000	0.0000	0.0000	-0.0368
781	656	Stage DL-C: DL-C: Step 1	-10.8430	0.2598	0.0000	0.0000	0.0000	0.4009
781	533	Stage DL-C: DL-C: Step 1	10.8430	0.0742	0.0000	0.0000	0.0000	0.0983
783	656	Stage DL-C: DL-C: Step 1	18.7705	0.0383	0.0304	-0.0320	-0.6118	-0.1024
783	539	Stage DL-C: DL-C: Step 1	-20.0372	0.1839	-0.0304	0.0320	0.3423	-0.4833
784	659	Stage DL-C: DL-C: Step 1	25.0284	0.1834	0.0439	-0.0318	-0.3817	0.4943
784	538	Stage DL-C: DL-C: Step 1	-24.7677	0.0187	-0.0439	0.0219	-0.1843	0.2347
785	658	Stage DL-C: DL-C: Step 1	-12.2286	-0.2882	0.0000	0.0000	0.0000	-0.3146
785	538	Stage DL-C: DL-C: Step 1	13.2286	-0.0436	0.0000	0.0000	0.0000	-0.1503
786	659	Stage DL-C: DL-C: Step 1	-8.2864	0.2433	0.0000	0.0000	0.0000	0.3456
786	536	Stage DL-C: DL-C: Step 1	9.2864	0.0896	0.0000	0.0000	0.0000	0.0703
799	670	Stage DL-C: DL-C: Step 1	-16.4811	0.0766	0.1171	-0.0327	-0.4685	0.1454
799	548	Stage DL-C: DL-C: Step 1	18.2294	0.1256	-0.1171	0.0327	-0.5878	-0.3624
800	671	Stage DL-C: DL-C: Step 1	20.2362	0.0958	0.3061	-0.0310	-1.5167	0.0368
800	547	Stage DL-C: DL-C: Step 1	-19.9645	0.1483	-0.3061	0.0310	-1.2123	-0.4399
801	670	Stage DL-C: DL-C: Step 1	-33.1410	-0.4400	0.0000	0.0000	0.0000	-1.1745
801	547	Stage DL-C: DL-C: Step 1	33.1410	0.1071	0.0000	0.0000	0.0000	-0.3062
802	671	Stage DL-C: DL-C: Step 1	46.7369	0.3637	0.0000	0.0000	0.0000	1.0064
802	548	Stage DL-C: DL-C: Step 1	-46.7369	-0.0559	0.0000	0.0000	0.0000	0.1560
815	662	Stage DL-C: DL-C: Step 1	-32.3129	0.0578	0.1125	-0.0277	-0.4618	0.1399
815	560	Stage DL-C: DL-C: Step 1	32.0512	0.1443	-0.1125	0.0277	-0.5344	-0.5228
816	663	Stage DL-C: DL-C: Step 1	39.6730	0.0301	0.2508	-0.0291	-1.2278	-0.0503
816	559	Stage DL-C: DL-C: Step 1	-35.4113	0.1835	-0.2508	0.0291	-0.9406	-0.6849
817	662	Stage DL-C: DL-C: Step 1	-58.7603	-0.6382	0.0000	0.0000	0.0000	-1.8209
817	559	Stage DL-C: DL-C: Step 1	58.7603	0.3063	0.0000	0.0000	0.0000	-0.6381
818	663	Stage DL-C: DL-C: Step 1	85.5697	0.5520	0.0000	0.0000	0.0000	1.6725
818	560	Stage DL-C: DL-C: Step 1	-85.5697	-0.2182	0.0000	0.0000	0.0000	0.4152
831	664	Stage DL-C: DL-C: Step 1	-42.7696	0.0419	0.0829	-0.0202	-0.3556	0.1284
831	572	Stage DL-C: DL-C: Step 1	42.5079	0.1902	-0.0829	0.0202	-0.3784	-0.8521
832	665	Stage DL-C: DL-C: Step 1	46.9464	-0.0040	0.1733	-0.0188	-0.8589	-0.1041
832	571	Stage DL-C: DL-C: Step 1	-46.5842	0.2061	-0.1733	0.0188	-0.6762	-0.8261
833	664	Stage DL-C: DL-C: Step 1	-80.1042	-0.7867	0.0000	0.0000	0.0000	-2.4605
833	571	Stage DL-C: DL-C: Step 1	80.1042	0.4539	0.0000	0.0000	0.0000	-0.8773
834	665	Stage DL-C: DL-C: Step 1	112.7810	0.6770	0.0000	0.0000	0.0000	2.1684

REGULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
934	572	Stage DL-C: DL-C: Step 1	-112.7910	-0.3442	0.0000	0.0000	0.0000	0.5967
947	706	Stage DL-C: DL-C: Step 1	-49.1250	0.0323	0.0389	-0.0110	-0.1694	0.1227
947	564	Stage DL-C: DL-C: Step 1	48.8033	0.1668	-0.0389	0.0110	-0.1555	-0.7315
948	707	Stage DL-C: DL-C: Step 1	53.6627	-0.0187	0.0832	-0.0094	-0.4347	-0.1364
948	563	Stage DL-C: DL-C: Step 1	-55.4010	0.2208	-0.0832	0.0094	-0.3023	-0.9244
949	706	Stage DL-C: DL-C: Step 1	-93.3691	-0.8766	0.0000	0.0000	0.0000	-2.8241
949	563	Stage DL-C: DL-C: Step 1	93.3691	0.5438	0.0000	0.0000	0.0000	-1.0206
950	707	Stage DL-C: DL-C: Step 1	129.6871	0.7530	0.0000	0.0000	0.0000	2.4723
950	564	Stage DL-C: DL-C: Step 1	-129.6871	-0.4201	0.0000	0.0000	0.0000	0.7030
953	719	Stage DL-C: DL-C: Step 1	-51.2758	0.0289	-0.0129	-0.0008	0.0093	0.1166
953	599	Stage DL-C: DL-C: Step 1	51.0140	0.1733	0.0129	0.0008	0.1038	-0.7581
954	719	Stage DL-C: DL-C: Step 1	59.9501	-0.0235	-0.0137	0.0007	0.0191	-0.1473
954	595	Stage DL-C: DL-C: Step 1	-55.6884	0.2256	0.0137	-0.0007	0.1020	-0.9556
955	718	Stage DL-C: DL-C: Step 1	-97.6968	-0.3066	0.0000	0.0000	0.0000	-2.9360
955	595	Stage DL-C: DL-C: Step 1	97.6968	0.5737	0.0000	0.0000	0.0000	-1.0726
956	719	Stage DL-C: DL-C: Step 1	134.9227	0.7769	0.0000	0.0000	0.0000	2.5726
956	596	Stage DL-C: DL-C: Step 1	-134.9227	-0.4460	0.0000	0.0000	0.0000	0.7431
979	730	Stage DL-C: DL-C: Step 1	-46.1804	0.0915	-0.0648	0.0093	0.2260	0.1150
979	608	Stage DL-C: DL-C: Step 1	46.8187	0.1706	0.0648	-0.0093	0.3642	-0.7310
980	731	Stage DL-C: DL-C: Step 1	53.6454	-0.0179	-0.1103	0.0108	0.4716	-0.1368
980	607	Stage DL-C: DL-C: Step 1	-53.2837	0.2201	0.1103	-0.0108	0.5051	-0.9173
981	730	Stage DL-C: DL-C: Step 1	-92.7940	-0.6760	0.0000	0.0000	0.0000	-2.8113
981	607	Stage DL-C: DL-C: Step 1	92.7940	0.5451	0.0000	0.0000	0.0000	-1.0297
982	731	Stage DL-C: DL-C: Step 1	127.9891	0.7544	0.0000	0.0000	0.0000	2.4649
982	608	Stage DL-C: DL-C: Step 1	-127.9891	-0.4215	0.0000	0.0000	0.0000	0.7176
985	742	Stage DL-C: DL-C: Step 1	-42.8891	0.0402	-0.1096	0.0186	0.3796	0.1126
985	620	Stage DL-C: DL-C: Step 1	42.6184	0.1618	0.1096	-0.0186	0.5807	-0.9514
986	743	Stage DL-C: DL-C: Step 1	46.8068	-0.0023	-0.1995	0.0201	0.8908	-0.1041
986	619	Stage DL-C: DL-C: Step 1	-46.5451	0.2044	0.1995	-0.0201	0.8782	-0.8115
987	742	Stage DL-C: DL-C: Step 1	-76.0879	-0.7891	0.0000	0.0000	0.0000	-2.4641
987	619	Stage DL-C: DL-C: Step 1	76.0879	0.4522	0.0000	0.0000	0.0000	-0.8950
988	743	Stage DL-C: DL-C: Step 1	108.4390	0.6799	0.0000	0.0000	0.0000	2.1539
988	620	Stage DL-C: DL-C: Step 1	-109.4390	-0.3470	0.0000	0.0000	0.0000	0.6255
811	764	Stage DL-C: DL-C: Step 1	-32.4441	0.0550	-0.1410	0.0281	0.4842	0.1158

REGULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
911	632	Stage DL-C: DL-C: Step 1	32.1824	0.1471	0.1410	-0.0281	0.7545	-0.5231
912	755	Stage DL-C: DL-C: Step 1	36.5799	0.0226	-0.2759	0.0275	1.2534	-0.0495
912	631	Stage DL-C: DL-C: Step 1	-35.3171	0.1795	0.2759	-0.0275	1.1909	-0.9459
913	754	Stage DL-C: DL-C: Step 1	-57.6999	-0.6305	0.0000	0.0000	0.0000	-1.8781
913	631	Stage DL-C: DL-C: Step 1	57.6999	0.3026	0.0000	0.0000	0.0000	-0.8800
914	755	Stage DL-C: DL-C: Step 1	80.9040	0.5553	0.0000	0.0000	0.0000	1.8494
914	632	Stage DL-C: DL-C: Step 1	-80.9040	-0.2325	0.0000	0.0000	0.0000	0.4958
927	766	Stage DL-C: DL-C: Step 1	-18.7287	0.0726	-0.1475	0.0310	0.5122	0.1157
927	644	Stage DL-C: DL-C: Step 1	18.4670	0.1286	0.1475	-0.0310	0.7940	-0.3679
928	767	Stage DL-C: DL-C: Step 1	20.2070	0.0593	-0.3006	0.0324	1.3207	0.0447
928	643	Stage DL-C: DL-C: Step 1	-19.9452	0.1428	0.3006	-0.0324	1.4088	-0.4142
929	766	Stage DL-C: DL-C: Step 1	-33.0665	-0.4354	0.0000	0.0000	0.0000	-1.1294
929	643	Stage DL-C: DL-C: Step 1	33.0665	0.1025	0.0000	0.0000	0.0000	-0.3264
930	767	Stage DL-C: DL-C: Step 1	41.9364	0.3613	0.0000	0.0000	0.0000	0.9962
930	644	Stage DL-C: DL-C: Step 1	-41.9364	-0.0585	0.0000	0.0000	0.0000	0.2192
943	778	Stage DL-C: DL-C: Step 1	18.0234	0.0420	0.0627	0.0308	0.3056	-0.0788
943	656	Stage DL-C: DL-C: Step 1	-18.2851	0.1601	-0.0627	-0.0308	-0.9610	-0.4441
944	779	Stage DL-C: DL-C: Step 1	24.1903	0.1828	-0.2101	0.0228	1.1335	0.4061
944	655	Stage DL-C: DL-C: Step 1	-23.8286	0.0195	0.2101	-0.0228	0.7271	0.2261
945	778	Stage DL-C: DL-C: Step 1	-15.9991	-0.3151	0.0000	0.0000	0.0000	-0.9157
945	655	Stage DL-C: DL-C: Step 1	15.9991	-0.0177	0.0000	0.0000	0.0000	-0.1893
946	779	Stage DL-C: DL-C: Step 1	-10.6768	0.2568	0.0000	0.0000	0.0000	0.3704
946	656	Stage DL-C: DL-C: Step 1	10.6768	0.0821	0.0000	0.0000	0.0000	0.0863
948	781	Stage DL-C: DL-C: Step 1	24.1116	0.0222	0.0216	-0.0303	-0.4889	-0.1564
948	659	Stage DL-C: DL-C: Step 1	-24.3725	0.1660	-0.0216	0.0303	0.2976	-0.5411
949	782	Stage DL-C: DL-C: Step 1	28.5152	0.2179	0.2790	-0.0148	-1.6822	0.6645
949	658	Stage DL-C: DL-C: Step 1	-28.2550	-0.0159	-0.2790	0.0148	-0.7684	0.3667
950	781	Stage DL-C: DL-C: Step 1	-15.1478	-0.2705	0.0000	0.0000	0.0000	-0.4681
950	658	Stage DL-C: DL-C: Step 1	15.1481	-0.0624	0.0000	0.0000	0.0000	-0.0851
951	782	Stage DL-C: DL-C: Step 1	-9.7461	0.3263	0.0000	0.0000	0.0000	0.4709
951	659	Stage DL-C: DL-C: Step 1	9.7459	0.0066	0.0000	0.0000	0.0000	0.1944
964	783	Stage DL-C: DL-C: Step 1	-17.5751	0.0815	0.1164	-0.0324	-0.4017	0.2008
964	671	Stage DL-C: DL-C: Step 1	17.3142	0.1206	-0.1164	0.0324	-0.5975	-0.3737
665	764	Stage DL-C: DL-C: Step 1	18.7438	0.0713	0.3260	-0.0314	-1.5733	0.1556

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
965	670	Stage DL-C: DL-C: Step 1	-19.4857	0.1308	-0.3280	0.0314	-1.3029	-0.4183
966	793	Stage DL-C: DL-C: Step 1	-30.4408	-0.4487	0.0000	0.0000	0.0000	-1.2819
966	670	Stage DL-C: DL-C: Step 1	30.4422	0.1160	0.0000	0.0000	0.0000	-0.2517
967	794	Stage DL-C: DL-C: Step 1	56.7991	0.4449	0.0000	0.0000	0.0000	1.3234
967	671	Stage DL-C: DL-C: Step 1	-56.8017	-0.1122	0.0000	0.0000	0.0000	0.1839
968	805	Stage DL-C: DL-C: Step 1	-32.1700	0.0718	0.1149	-0.0272	-0.4324	0.2887
968	683	Stage DL-C: DL-C: Step 1	31.9090	0.1304	-0.1148	0.0272	-0.5933	-0.5287
981	806	Stage DL-C: DL-C: Step 1	35.8886	0.0481	0.2738	-0.0262	-1.3165	0.1678
981	982	Stage DL-C: DL-C: Step 1	-35.8389	0.1540	-0.2736	0.0262	-1.0971	-0.9350
982	805	Stage DL-C: DL-C: Step 1	-68.8898	-0.7032	0.0000	0.0000	0.0000	-2.2742
982	982	Stage DL-C: DL-C: Step 1	68.8811	0.3764	0.0000	0.0000	0.0000	-0.6318
983	806	Stage DL-C: DL-C: Step 1	102.0159	0.0961	0.0000	0.0000	0.0000	2.3063
983	983	Stage DL-C: DL-C: Step 1	-102.0186	-0.3622	0.0000	0.0000	0.0000	0.5256
996	817	Stage DL-C: DL-C: Step 1	-42.9707	0.0813	0.1026	-0.0196	-0.4027	0.3073
996	995	Stage DL-C: DL-C: Step 1	42.7096	0.1406	-0.1026	0.0196	-0.5040	-0.9583
997	818	Stage DL-C: DL-C: Step 1	-47.4061	0.0330	0.2102	-0.0187	-1.0127	0.1861
997	994	Stage DL-C: DL-C: Step 1	-47.1492	0.1691	-0.2102	0.0187	-0.8421	-0.7862
998	817	Stage DL-C: DL-C: Step 1	-94.9021	-0.6840	0.0000	0.0000	0.0000	-2.9910
998	994	Stage DL-C: DL-C: Step 1	94.9034	0.5515	0.0000	0.0000	0.0000	-0.8948
999	818	Stage DL-C: DL-C: Step 1	134.1522	0.8719	0.0000	0.0000	0.0000	3.0648
999	995	Stage DL-C: DL-C: Step 1	-134.1548	-0.5396	0.0000	0.0000	0.0000	0.7542
1012	829	Stage DL-C: DL-C: Step 1	-46.5375	0.0546	0.0816	-0.0104	-0.5403	0.3300
1012	707	Stage DL-C: DL-C: Step 1	46.2770	0.1473	-0.0816	0.0104	-0.3815	-0.7385
1013	830	Stage DL-C: DL-C: Step 1	54.4329	0.0235	0.1391	-0.0096	-0.6883	0.1957
1013	706	Stage DL-C: DL-C: Step 1	-54.1716	0.1786	-0.1391	0.0095	-0.5519	-0.8802
1014	829	Stage DL-C: DL-C: Step 1	-110.4404	-0.9159	0.0000	0.0000	0.0000	-3.4278
1014	706	Stage DL-C: DL-C: Step 1	110.4457	0.8810	0.0000	0.0000	0.0000	-1.3516
1015	830	Stage DL-C: DL-C: Step 1	154.1461	0.8779	0.0000	0.0000	0.0000	3.5047
1015	707	Stage DL-C: DL-C: Step 1	-154.1487	-0.6450	0.0000	0.0000	0.0000	0.8860
1028	841	Stage DL-C: DL-C: Step 1	-51.8459	0.0523	0.0559	-0.0003	-0.2587	0.3351
1028	719	Stage DL-C: DL-C: Step 1	51.5829	0.1488	-0.0559	0.0003	-0.2350	-0.7663
1029	842	Stage DL-C: DL-C: Step 1	96.8617	0.0203	0.0610	0.0006	-0.2965	0.1565
1029	718	Stage DL-C: DL-C: Step 1	-96.8015	0.1918	-0.0610	-0.0006	-0.2414	-0.9106
1030	841	Stage DL-C: DL-C: Step 1	-115.5823	-1.0318	0.0000	0.0000	0.0000	-3.5750

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1030	718	Stage DL-C: DL-C: Step 1	115.5836	0.8969	0.0000	0.0000	0.0000	-1.1098
1031	842	Stage DL-C: DL-C: Step 1	160.4307	1.0145	0.0000	0.0000	0.0000	3.6529
1031	719	Stage DL-C: DL-C: Step 1	-160.4333	-0.6817	0.0000	0.0000	0.0000	0.9362
1044	853	Stage DL-C: DL-C: Step 1	-49.6678	0.0537	0.0303	0.0094	-0.1796	0.3217
1044	731	Stage DL-C: DL-C: Step 1	49.8268	0.1484	-0.0303	-0.0098	-0.0884	-0.7403
1045	854	Stage DL-C: DL-C: Step 1	54.8675	0.0239	-0.0155	0.0157	0.0709	0.1838
1045	730	Stage DL-C: DL-C: Step 1	-54.4074	0.1783	0.0155	-0.0107	0.0662	-0.8756
1046	853	Stage DL-C: DL-C: Step 1	-106.9632	-0.8986	0.0000	0.0000	0.0000	-3.4319
1046	730	Stage DL-C: DL-C: Step 1	106.9645	0.8957	0.0000	0.0000	0.0000	-1.2730
1047	854	Stage DL-C: DL-C: Step 1	152.4625	0.9817	0.0000	0.0000	0.0000	3.5054
1047	731	Stage DL-C: DL-C: Step 1	-152.4651	-0.6488	0.0000	0.0000	0.0000	0.9080
1060	865	Stage DL-C: DL-C: Step 1	-49.7314	0.0592	0.0104	0.0190	-0.1215	0.2916
1060	743	Stage DL-C: DL-C: Step 1	49.4705	0.1429	-0.0104	-0.0190	0.0590	-0.8617
1061	866	Stage DL-C: DL-C: Step 1	47.9260	0.0339	-0.0858	0.0198	0.4099	0.1933
1061	742	Stage DL-C: DL-C: Step 1	-47.8659	0.1683	0.0858	-0.0198	0.3470	-0.7769
1062	865	Stage DL-C: DL-C: Step 1	-94.0994	-0.8958	0.0000	0.0000	0.0000	-3.0064
1062	742	Stage DL-C: DL-C: Step 1	94.0967	0.5429	0.0000	0.0000	0.0000	-0.9419
1063	868	Stage DL-C: DL-C: Step 1	130.7853	0.8808	0.0000	0.0000	0.0000	3.0702
1063	745	Stage DL-C: DL-C: Step 1	-130.7879	-0.5482	0.0000	0.0000	0.0000	0.7972
1076	877	Stage DL-C: DL-C: Step 1	-33.4165	0.0650	-0.0001	0.0264	-0.1041	0.2468
1076	753	Stage DL-C: DL-C: Step 1	33.1555	0.1331	0.0001	-0.0264	0.1049	-0.5335
1077	878	Stage DL-C: DL-C: Step 1	36.7757	0.0467	-0.1459	0.0273	0.7027	0.1989
1077	754	Stage DL-C: DL-C: Step 1	-36.5156	0.1524	0.1459	-0.0273	0.5843	-0.6203
1078	877	Stage DL-C: DL-C: Step 1	-99.0781	-0.7254	0.0000	0.0000	0.0000	-2.3149
1078	754	Stage DL-C: DL-C: Step 1	99.0764	0.3926	0.0000	0.0000	0.0000	-0.7113
1079	878	Stage DL-C: DL-C: Step 1	97.2417	0.7119	0.0000	0.0000	0.0000	2.3573
1079	755	Stage DL-C: DL-C: Step 1	-97.2445	-0.3790	0.0000	0.0000	0.0000	0.5952
1092	889	Stage DL-C: DL-C: Step 1	-19.3439	0.0782	0.0037	0.0314	-0.1348	0.1843
1092	767	Stage DL-C: DL-C: Step 1	19.0830	0.1229	-0.0037	-0.0314	0.1021	-0.3778
1093	890	Stage DL-C: DL-C: Step 1	20.9846	0.0740	-0.1926	0.0322	0.8092	0.1918
1093	768	Stage DL-C: DL-C: Step 1	-20.7246	0.1281	0.1926	-0.0322	0.7619	-0.3894
1094	889	Stage DL-C: DL-C: Step 1	-38.5143	-0.4674	0.0000	0.0000	0.0000	-1.3708
1094	768	Stage DL-C: DL-C: Step 1	38.5156	0.1545	0.0000	0.0000	0.0000	-0.3867
1095	890	Stage DL-C: DL-C: Step 1	51.3723	0.4728	0.0000	0.0000	0.0000	1.3752

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
1095	767	Stage DL-C: DL-C: Step 1	-51.3746	-0.1399	0.0000	0.0000	0.0000	0.2934
1096	901	Stage DL-C: DL-C: Step 1	23.2016	0.0232	0.1436	0.0334	-0.1993	-0.1439
1096	779	Stage DL-C: DL-C: Step 1	-23.4625	0.1789	-0.1436	-0.0334	-1.3806	-0.5440
1096	902	Stage DL-C: DL-C: Step 1	27.8303	0.2301	-0.2844	0.0195	1.8025	0.6656
1096	778	Stage DL-C: DL-C: Step 1	-27.3702	-0.0180	0.2844	-0.0195	0.6069	0.3850
1110	901	Stage DL-C: DL-C: Step 1	-18.3751	-0.2835	0.0000	0.0000	0.0000	-0.5090
1110	778	Stage DL-C: DL-C: Step 1	18.3774	-0.0494	0.0000	0.0000	0.0000	-0.1348
1111	902	Stage DL-C: DL-C: Step 1	-12.1458	0.3292	0.0000	0.0000	0.0000	0.6706
1111	779	Stage DL-C: DL-C: Step 1	12.1432	0.0036	0.0000	0.0000	0.0000	0.2107
1113	904	Stage DL-C: DL-C: Step 1	25.7586	0.0289	-0.1598	-0.0362	-0.1845	-0.1456
1113	782	Stage DL-C: DL-C: Step 1	-29.0180	0.1735	0.1599	0.0362	1.5927	-0.4883
1114	905	Stage DL-C: DL-C: Step 1	36.2918	0.2218	0.2629	-0.0179	-1.4844	0.6435
1114	781	Stage DL-C: DL-C: Step 1	-35.0318	-0.0197	-0.2629	0.0179	-0.8307	0.4189
1115	904	Stage DL-C: DL-C: Step 1	-18.2306	-0.4067	0.0000	0.0000	0.0000	-0.8243
1115	781	Stage DL-C: DL-C: Step 1	18.2306	0.0736	0.0000	0.0000	0.0000	-0.4765
1116	905	Stage DL-C: DL-C: Step 1	-10.3036	0.3494	0.0000	0.0000	0.0000	0.5775
1116	782	Stage DL-C: DL-C: Step 1	10.3036	-0.0165	0.0000	0.0000	0.0000	0.4130
1129	916	Stage DL-C: DL-C: Step 1	-16.2624	0.1044	0.1004	-0.0322	-0.3404	0.2889
1129	784	Stage DL-C: DL-C: Step 1	16.3030	0.0977	-0.1004	0.0322	-0.5495	-0.2654
1130	917	Stage DL-C: DL-C: Step 1	18.1585	0.0724	0.3451	-0.0328	-1.6448	0.1577
1130	783	Stage DL-C: DL-C: Step 1	-17.8972	0.1297	-0.3451	0.0320	-1.3947	-0.4102
1131	918	Stage DL-C: DL-C: Step 1	-41.1411	-0.4589	0.0000	0.0000	0.0000	-1.3272
1131	783	Stage DL-C: DL-C: Step 1	41.1411	0.1260	0.0000	0.0000	0.0000	-0.2590
1132	917	Stage DL-C: DL-C: Step 1	59.4078	0.4758	0.0000	0.0000	0.0000	1.3522
1132	784	Stage DL-C: DL-C: Step 1	-59.4078	-0.1460	0.0000	0.0000	0.0000	0.3389
1145	928	Stage DL-C: DL-C: Step 1	-28.0185	0.1040	0.0974	-0.0273	-0.3520	0.3864
1145	906	Stage DL-C: DL-C: Step 1	27.7571	0.0982	-0.0974	0.0273	-0.3061	-0.3548
1146	929	Stage DL-C: DL-C: Step 1	30.0083	0.0514	0.2808	-0.0268	-1.3266	0.1716
1146	905	Stage DL-C: DL-C: Step 1	-30.6090	0.1507	-0.2808	0.0268	-1.1463	-0.9090
1147	929	Stage DL-C: DL-C: Step 1	-72.8720	-0.8479	0.0000	0.0000	0.0000	-2.1182
1147	905	Stage DL-C: DL-C: Step 1	72.8720	0.3150	0.0000	0.0000	0.0000	-0.4882
1148	929	Stage DL-C: DL-C: Step 1	105.4563	0.7084	0.0000	0.0000	0.0000	2.2588
1148	906	Stage DL-C: DL-C: Step 1	-105.4563	-0.3765	0.0000	0.0000	0.0000	0.6804
1161	940	Stage DL-C: DL-C: Step 1	-37.4271	0.1024	0.0841	-0.0199	-0.3318	0.4445

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kgs)	Force Y (kgs)	Force Z (kgs)	Moment X (kgs-ft)	Moment Y (kgs-ft)	Moment Z (kgs-ft)
1161	818	Stage DL-C: DL-C: Step 1	37.1677	0.0997	-0.0841	0.0199	-0.4089	-0.4327
1162	941	Stage DL-C: DL-C: Step 1	40.7312	0.0376	0.2060	-0.0193	-0.9726	0.1990
1162	817	Stage DL-C: DL-C: Step 1	-40.4718	0.1845	-0.2060	0.0193	-0.8413	-0.7480
1163	940	Stage DL-C: DL-C: Step 1	-96.4733	-0.8049	0.0000	0.0000	0.0000	-2.7668
1163	817	Stage DL-C: DL-C: Step 1	96.4733	0.4720	0.0000	0.0000	0.0000	-0.6907
1164	941	Stage DL-C: DL-C: Step 1	136.4825	0.8869	0.0000	0.0000	0.0000	3.9469
1164	818	Stage DL-C: DL-C: Step 1	-136.4825	-0.5536	0.0000	0.0000	0.0000	0.9516
1177	952	Stage DL-C: DL-C: Step 1	-45.3127	0.1016	0.0610	-0.0108	-0.2718	0.4856
1177	830	Stage DL-C: DL-C: Step 1	40.0533	0.1004	-0.0610	0.0108	-0.2659	-0.4812
1178	953	Stage DL-C: DL-C: Step 1	46.8789	0.0291	0.1187	-0.0099	-0.5629	0.2306
1178	829	Stage DL-C: DL-C: Step 1	-46.8195	0.1730	-0.1187	0.0099	-0.4826	-0.8342
1178	952	Stage DL-C: DL-C: Step 1	-114.5169	-0.8052	0.0000	0.0000	0.0000	-3.1619
1178	829	Stage DL-C: DL-C: Step 1	114.5169	0.5724	0.0000	0.0000	0.0000	-0.8375
1180	953	Stage DL-C: DL-C: Step 1	159.1693	0.9978	0.0000	0.0000	0.0000	3.3784
1180	830	Stage DL-C: DL-C: Step 1	-159.1693	-0.6647	0.0000	0.0000	0.0000	1.1210
1193	964	Stage DL-C: DL-C: Step 1	-45.4466	0.1008	0.0328	-0.0008	-0.1909	0.4970
1193	842	Stage DL-C: DL-C: Step 1	45.1872	0.1013	-0.0328	0.0008	-0.0976	-0.4898
1194	963	Stage DL-C: DL-C: Step 1	46.0624	0.0263	0.0250	0.0003	-0.1243	0.2038
1194	841	Stage DL-C: DL-C: Step 1	-46.8030	0.1758	-0.0250	-0.0003	-0.0959	-0.8626
1195	964	Stage DL-C: DL-C: Step 1	-119.8695	-0.9410	0.0000	0.0000	0.0000	-3.3020
1195	841	Stage DL-C: DL-C: Step 1	119.8695	0.6081	0.0000	0.0000	0.0000	-0.8909
1196	963	Stage DL-C: DL-C: Step 1	165.7694	1.0366	0.0000	0.0000	0.0000	3.5262
1196	842	Stage DL-C: DL-C: Step 1	-165.7694	-0.7037	0.0000	0.0000	0.0000	1.1842
1209	976	Stage DL-C: DL-C: Step 1	-45.7994	0.1000	0.0046	0.0002	-0.1103	0.4764
1209	854	Stage DL-C: DL-C: Step 1	45.5460	0.1021	-0.0046	-0.0002	0.0699	-0.4856
1210	977	Stage DL-C: DL-C: Step 1	47.2362	0.0230	-0.0683	0.0105	0.3125	0.1975
1210	853	Stage DL-C: DL-C: Step 1	-46.9798	0.1731	0.0683	-0.0105	0.2999	-0.8317
1211	976	Stage DL-C: DL-C: Step 1	-114.2502	-0.9110	0.0000	0.0000	0.0000	-3.1702
1211	853	Stage DL-C: DL-C: Step 1	114.2502	0.5782	0.0000	0.0000	0.0000	-0.8606
1212	977	Stage DL-C: DL-C: Step 1	157.7678	1.0021	0.0000	0.0000	0.0000	3.3830
1212	854	Stage DL-C: DL-C: Step 1	-157.7678	-0.6682	0.0000	0.0000	0.0000	1.1467
1225	988	Stage DL-C: DL-C: Step 1	-36.3647	0.0992	-0.0182	0.0183	-0.3506	0.4255
1225	966	Stage DL-C: DL-C: Step 1	36.1254	0.1030	0.0182	-0.0183	0.2108	-0.4422
1226	989	Stage DL-C: DL-C: Step 1	41.4233	0.0375	-0.1544	0.0196	0.7165	0.1830

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1226	965	Stage DL+C: DL+C: Step 1	-41.1639	0.1646	0.1544	-0.0198	0.6438	-0.7427
1227	966	Stage DL+C: DL+C: Step 1	-98.0266	-0.8161	0.0000	0.0000	0.0000	-2.7720
1227	965	Stage DL+C: DL+C: Step 1	98.0266	0.4852	0.0000	0.0000	0.0000	-0.7446
1228	966	Stage DL+C: DL+C: Step 1	135.7233	0.8948	0.0000	0.0000	0.0000	2.9546
1228	966	Stage DL+C: DL+C: Step 1	-135.7233	-0.5420	0.0000	0.0000	0.0000	0.9866
1241	1000	Stage DL+C: DL+C: Step 1	-29.2588	0.0960	-0.0316	0.0257	-0.0276	0.3518
1241	876	Stage DL+C: DL+C: Step 1	29.0095	0.1032	0.0316	-0.0257	0.3063	-0.3704
1242	1001	Stage DL+C: DL+C: Step 1	31.8086	0.0513	-0.2280	0.0274	1.0620	0.1928
1242	877	Stage DL+C: DL+C: Step 1	-31.5492	0.1508	0.2280	-0.0274	0.9457	-0.6011
1243	1000	Stage DL+C: DL+C: Step 1	-72.2830	-0.6407	0.0000	0.0000	0.0000	-2.1316
1243	877	Stage DL+C: DL+C: Step 1	72.2830	0.5219	0.0000	0.0000	0.0000	-0.5441
1244	1001	Stage DL+C: DL+C: Step 1	101.3120	0.7172	0.0000	0.0000	0.0000	2.2581
1244	878	Stage DL+C: DL+C: Step 1	-101.3120	-0.3643	0.0000	0.0000	0.0000	0.7223
1257	1012	Stage DL+C: DL+C: Step 1	-17.3792	0.0977	-0.0352	0.0306	-0.0315	0.2543
1257	890	Stage DL+C: DL+C: Step 1	17.1198	0.1044	0.0352	-0.0306	0.3414	-0.2641
1258	1013	Stage DL+C: DL+C: Step 1	18.7258	0.0741	-0.2901	0.0325	1.3617	0.1574
1258	889	Stage DL+C: DL+C: Step 1	-18.4884	0.1260	0.2901	-0.0325	1.1936	-0.3849
1259	1012	Stage DL+C: DL+C: Step 1	-41.4456	-0.4664	0.0000	0.0000	0.0000	-1.3244
1259	889	Stage DL+C: DL+C: Step 1	41.4456	0.1330	0.0000	0.0000	0.0000	-0.2994
1260	1013	Stage DL+C: DL+C: Step 1	54.7432	0.4834	0.0000	0.0000	0.0000	1.3489
1260	890	Stage DL+C: DL+C: Step 1	-54.7432	-0.1506	0.0000	0.0000	0.0000	0.3673
1275	1024	Stage DL+C: DL+C: Step 1	23.9176	0.0350	0.2447	0.0410	-0.2857	-0.1042
1275	902	Stage DL+C: DL+C: Step 1	-24.1770	0.1671	-0.2447	-0.0410	-1.8896	-0.4776
1274	1025	Stage DL+C: DL+C: Step 1	35.8906	0.2294	-0.3660	0.0234	2.2676	0.6693
1274	901	Stage DL+C: DL+C: Step 1	-35.8212	-0.0273	0.3660	-0.0234	1.1124	0.4811
1276	1024	Stage DL+C: DL+C: Step 1	-20.5239	-0.5239	0.0000	0.0000	0.0000	-1.1528
1276	901	Stage DL+C: DL+C: Step 1	20.5239	0.1680	0.0000	0.0000	0.0000	-0.7662
1276	1025	Stage DL+C: DL+C: Step 1	-12.3980	0.3526	0.0000	0.0000	0.0000	0.5844
1276	902	Stage DL+C: DL+C: Step 1	12.3980	-0.0197	0.0000	0.0000	0.0000	0.4132
1278	1027	Stage DL+C: DL+C: Step 1	33.5403	0.0039	-0.1963	-0.0325	0.5360	-0.1809
1278	905	Stage DL+C: DL+C: Step 1	-33.5012	0.1963	0.1963	0.0325	1.3881	-0.6722
1278	1028	Stage DL+C: DL+C: Step 1	40.5963	0.3064	1.1003	0.0026	-6.5307	1.1078
1279	904	Stage DL+C: DL+C: Step 1	-40.3421	-0.1043	-1.1003	-0.0026	-3.0878	0.6875
1280	1027	Stage DL+C: DL+C: Step 1	-23.0578	-0.3591	0.0000	0.0000	0.0000	-0.8359

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1290	904	Stage DL+C: DL+C: Step 1	23.0604	0.0263	0.0000	0.0000	0.0000	-0.2228
1291	1028	Stage DL+C: DL+C: Step 1	-11.5511	0.6068	0.0000	0.0000	0.0000	1.8012
1291	905	Stage DL+C: DL+C: Step 1	11.5460	-0.2758	0.0000	0.0000	0.0000	0.7457
1294	1039	Stage DL+C: DL+C: Step 1	-12.1153	0.1046	0.1458	-0.0321	-0.4984	0.3028
1294	917	Stage DL+C: DL+C: Step 1	11.8075	0.0975	-0.1458	0.0321	-0.7812	-0.2717
1295	1040	Stage DL+C: DL+C: Step 1	13.6680	0.1178	0.3406	-0.0336	-1.5280	0.4159
1295	916	Stage DL+C: DL+C: Step 1	-13.4117	0.0844	-0.3406	0.0336	-1.4481	-0.2699
1296	1039	Stage DL+C: DL+C: Step 1	-39.5316	-0.3975	0.0000	0.0000	0.0000	-1.1660
1296	916	Stage DL+C: DL+C: Step 1	39.5341	0.0647	0.0000	0.0000	0.0000	-0.0846
1297	1040	Stage DL+C: DL+C: Step 1	56.8917	0.5766	0.0000	0.0000	0.0000	1.6116
1297	917	Stage DL+C: DL+C: Step 1	-56.8958	-0.2438	0.0000	0.0000	0.0000	0.4093
1310	1051	Stage DL+C: DL+C: Step 1	-24.1800	0.1159	0.1439	-0.0267	-0.5013	0.4599
1310	929	Stage DL+C: DL+C: Step 1	23.9222	0.0895	-0.1439	0.0267	-0.7916	-0.3222
1311	1052	Stage DL+C: DL+C: Step 1	26.0017	0.1219	0.2939	-0.0279	-1.3264	0.5956
1311	928	Stage DL+C: DL+C: Step 1	-25.7455	0.0802	-0.2939	0.0279	-1.2423	-0.3868
1312	1051	Stage DL+C: DL+C: Step 1	-68.5528	-0.6434	0.0000	0.0000	0.0000	-2.1286
1312	929	Stage DL+C: DL+C: Step 1	68.5553	0.3095	0.0000	0.0000	0.0000	-0.4479
1313	1052	Stage DL+C: DL+C: Step 1	99.2146	0.8233	0.0000	0.0000	0.0000	3.1074
1313	929	Stage DL+C: DL+C: Step 1	-99.2197	-0.5905	0.0000	0.0000	0.0000	0.9905
1326	1063	Stage DL+C: DL+C: Step 1	-32.8651	0.1217	0.1531	-0.0192	-0.5770	0.5585
1326	941	Stage DL+C: DL+C: Step 1	32.8675	0.0804	-0.1531	0.0192	-0.7985	-0.3770
1327	1064	Stage DL+C: DL+C: Step 1	34.8424	0.1284	0.2556	-0.0197	-1.1810	0.7031
1327	940	Stage DL+C: DL+C: Step 1	-34.3851	0.0737	-0.2556	0.0197	-1.0729	-0.4639
1328	1063	Stage DL+C: DL+C: Step 1	-65.8999	-0.8239	0.0000	0.0000	0.0000	-2.8578
1328	940	Stage DL+C: DL+C: Step 1	93.8834	0.4910	0.0000	0.0000	0.0000	-0.7016
1329	1064	Stage DL+C: DL+C: Step 1	130.3392	1.1710	0.0000	0.0000	0.0000	4.0867
1329	941	Stage DL+C: DL+C: Step 1	-130.3443	-0.8361	0.0000	0.0000	0.0000	1.3720
1342	1075	Stage DL+C: DL+C: Step 1	-36.0973	0.1257	0.1620	-0.0101	-0.6595	0.6270
1342	953	Stage DL+C: DL+C: Step 1	37.8394	0.0765	-0.1620	0.0101	-0.7823	-0.4111
1343	1076	Stage DL+C: DL+C: Step 1	38.8917	0.1321	0.2149	-0.0099	-0.9623	0.7950
1343	952	Stage DL+C: DL+C: Step 1	-39.6354	0.0700	-0.2148	0.0099	-0.8951	-0.5139
1344	1075	Stage DL+C: DL+C: Step 1	-108.9795	-0.9337	0.0000	0.0000	0.0000	-3.3048
1344	952	Stage DL+C: DL+C: Step 1	108.9820	0.6009	0.0000	0.0000	0.0000	-0.9498
1345	1076	Stage DL+C: DL+C: Step 1	149.8814	1.3207	0.0000	0.0000	0.0000	4.6521

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1345	953	Stage DL-C: DL-C: Step 1	-149.8895	-0.9878	0.0000	0.0000	0.0000	1.5972
1358	1067	Stage DL-C: DL-C: Step 1	-40.0199	0.1267	0.1710	-0.0001	-0.7464	0.6487
1358	953	Stage DL-C: DL-C: Step 1	39.7630	0.0754	-0.1710	0.0001	-0.7541	-0.4240
1359	1068	Stage DL-C: DL-C: Step 1	41.7747	0.1333	0.1723	0.0009	-0.7952	0.6123
1359	954	Stage DL-C: DL-C: Step 1	-41.5195	0.0669	-0.1723	-0.0009	-0.7114	-0.5305
1360	1067	Stage DL-C: DL-C: Step 1	-114.0822	-0.8734	0.0000	0.0000	0.0000	-3.4615
1360	954	Stage DL-C: DL-C: Step 1	114.2846	0.8406	0.0000	0.0000	0.0000	-0.9075
1361	1068	Stage DL-C: DL-C: Step 1	156.2321	1.3725	0.0000	0.0000	0.0000	4.9527
1361	955	Stage DL-C: DL-C: Step 1	-156.2372	-1.0396	0.0000	0.0000	0.0000	1.6771
1374	1069	Stage DL-C: DL-C: Step 1	-38.7056	0.1247	0.1812	0.0094	-0.8386	0.6225
1374	977	Stage DL-C: DL-C: Step 1	38.4479	0.0774	-0.1812	-0.0094	-0.7902	-0.4158
1375	1100	Stage DL-C: DL-C: Step 1	40.3001	0.1317	0.1310	0.0117	-0.6125	0.7918
1375	976	Stage DL-C: DL-C: Step 1	-40.0938	0.0704	-0.1310	-0.0117	-0.5330	-0.5140
1376	1099	Stage DL-C: DL-C: Step 1	-108.9304	-0.9447	0.0000	0.0000	0.0000	-3.3324
1376	976	Stage DL-C: DL-C: Step 1	108.9330	0.8719	0.0000	0.0000	0.0000	-0.8818
1377	1100	Stage DL-C: DL-C: Step 1	148.9695	1.3256	0.0000	0.0000	0.0000	4.8622
1377	977	Stage DL-C: DL-C: Step 1	-149.0046	-0.8928	0.0000	0.0000	0.0000	1.6137
1390	1111	Stage DL-C: DL-C: Step 1	-34.1596	0.1200	0.1943	0.0189	-0.9434	0.5505
1390	989	Stage DL-C: DL-C: Step 1	33.8988	0.0821	-0.1943	-0.0189	-0.7610	-0.3841
1391	1112	Stage DL-C: DL-C: Step 1	35.6187	0.1277	0.0940	0.0215	-0.4462	0.6970
1391	988	Stage DL-C: DL-C: Step 1	-35.3635	0.0744	-0.0940	-0.0215	-0.3736	-0.4643
1392	1111	Stage DL-C: DL-C: Step 1	-93.8546	-0.8487	0.0000	0.0000	0.0000	-2.9023
1392	988	Stage DL-C: DL-C: Step 1	93.8574	0.5158	0.0000	0.0000	0.0000	-0.7710
1393	1112	Stage DL-C: DL-C: Step 1	128.5676	1.1821	0.0000	0.0000	0.0000	4.0900
1393	989	Stage DL-C: DL-C: Step 1	-128.5727	-0.8468	0.0000	0.0000	0.0000	1.4088
1406	1123	Stage DL-C: DL-C: Step 1	-28.2772	0.1136	0.2110	0.0282	-1.0597	0.4469
1406	1001	Stage DL-C: DL-C: Step 1	26.3194	0.0865	-0.2110	-0.0282	-0.7916	-0.3309
1407	1124	Stage DL-C: DL-C: Step 1	27.6181	0.1213	0.0635	0.0295	-0.3124	0.5816
1407	1000	Stage DL-C: DL-C: Step 1	-27.3598	0.0808	-0.0635	-0.0295	-0.2423	-0.3850
1408	1123	Stage DL-C: DL-C: Step 1	-69.6668	-0.6670	0.0000	0.0000	0.0000	-2.2463
1408	1000	Stage DL-C: DL-C: Step 1	69.6694	0.3541	0.0000	0.0000	0.0000	-0.5716
1409	1124	Stage DL-C: DL-C: Step 1	86.7040	0.8402	0.0000	0.0000	0.0000	3.1541
1409	1001	Stage DL-C: DL-C: Step 1	-86.7091	-0.6114	0.0000	0.0000	0.0000	1.0566
1422	1135	Stage DL-C: DL-C: Step 1	-14.8745	0.1041	0.2224	0.0312	-1.1336	0.2986

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1422	1013	Stage DL-C: DL-C: Step 1	14.8167	0.0950	-0.2224	-0.0312	-0.8180	-0.2715
1423	1136	Stage DL-C: DL-C: Step 1	15.6361	0.1169	0.0291	0.0350	-0.1476	0.4027
1423	1012	Stage DL-C: DL-C: Step 1	-15.3625	0.0952	-0.0291	-0.0350	-0.0978	-0.2643
1424	1135	Stage DL-C: DL-C: Step 1	-40.0864	-0.4641	0.0000	0.0000	0.0000	-1.3417
1424	1012	Stage DL-C: DL-C: Step 1	40.0869	0.1313	0.0000	0.0000	0.0000	-0.2700
1425	1136	Stage DL-C: DL-C: Step 1	53.0349	0.6027	0.0000	0.0000	0.0000	1.8549
1425	1013	Stage DL-C: DL-C: Step 1	-53.0400	-0.2899	0.0000	0.0000	0.0000	0.5074
1435	1147	Stage DL-C: DL-C: Step 1	34.5815	0.0014	0.4526	0.0389	-1.6429	-0.1853
1435	1025	Stage DL-C: DL-C: Step 1	-34.8393	0.2007	-0.4526	-0.0389	-2.3289	-0.6893
1439	1148	Stage DL-C: DL-C: Step 1	40.1254	0.3124	-0.5736	0.0111	3.8241	1.1127
1439	1024	Stage DL-C: DL-C: Step 1	-39.8692	-0.1102	0.5736	-0.0111	1.2819	0.7344
1440	1147	Stage DL-C: DL-C: Step 1	-23.5519	-0.3010	0.0000	0.0000	0.0000	-0.7751
1440	1024	Stage DL-C: DL-C: Step 1	23.5945	0.0191	0.0000	0.0000	0.0000	-0.2239
1441	1146	Stage DL-C: DL-C: Step 1	-14.3909	0.6007	0.0000	0.0000	0.0000	1.8113
1441	1025	Stage DL-C: DL-C: Step 1	14.3858	-0.2679	0.0000	0.0000	0.0000	0.7399
1443	1150	Stage DL-C: DL-C: Step 1	55.5535	0.6457	-1.1307	-0.0522	3.3893	-0.0178
1443	1028	Stage DL-C: DL-C: Step 1	-55.8090	0.1584	1.1307	0.0522	6.4077	-0.4818
1444	1151	Stage DL-C: DL-C: Step 1	50.5469	0.4172	0.4582	0.1483	-2.2851	1.5800
1444	1027	Stage DL-C: DL-C: Step 1	-50.3952	-0.2151	-0.4582	-0.1483	-1.7265	1.1630
1445	1150	Stage DL-C: DL-C: Step 1	-29.8081	-0.2898	0.0000	0.0000	0.0000	-0.7481
1445	1027	Stage DL-C: DL-C: Step 1	29.8081	-0.0441	0.0000	0.0000	0.0000	0.0857
1446	1151	Stage DL-C: DL-C: Step 1	-26.3672	1.1231	0.0000	0.0000	0.0000	2.8463
1446	1028	Stage DL-C: DL-C: Step 1	26.3672	-0.7902	0.0000	0.0000	0.0000	3.2805
1459	1162	Stage DL-C: DL-C: Step 1	-5.0599	0.2164	0.1014	-0.0300	-0.1821	0.7958
1459	1040	Stage DL-C: DL-C: Step 1	4.8051	-0.0143	-0.1014	0.0300	-0.7068	0.2081
1460	1163	Stage DL-C: DL-C: Step 1	4.8988	0.1908	0.2592	-0.0348	-1.1234	0.7668
1460	1039	Stage DL-C: DL-C: Step 1	-4.6441	0.0113	-0.2592	0.0348	-1.1307	-0.0058
1461	1162	Stage DL-C: DL-C: Step 1	-22.7526	-0.5808	0.0000	0.0000	0.0000	-1.8401
1461	1039	Stage DL-C: DL-C: Step 1	22.7526	0.2480	0.0000	0.0000	0.0000	-0.4032
1462	1163	Stage DL-C: DL-C: Step 1	33.1910	0.8961	0.0000	0.0000	0.0000	2.8639
1462	1040	Stage DL-C: DL-C: Step 1	-33.1910	-0.5632	0.0000	0.0000	0.0000	1.2980
1475	1174	Stage DL-C: DL-C: Step 1	-11.8574	0.2803	0.0840	-0.0253	-0.1589	1.1782
1475	1052	Stage DL-C: DL-C: Step 1	11.4026	-0.0781	-0.0840	0.0253	-0.5749	0.3824
1476	1175	Stage DL-C: DL-C: Step 1	10.1116	0.2782	0.2051	-0.0292	-0.8648	1.0909

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1476	1001	Stage DL-C: DL-C: Step 1	-8.8569	-0.0790	-0.2051	0.0292	-0.3210	0.1514
1477	1174	Stage DL-C: DL-C: Step 1	-42.0520	-0.8709	0.0000	0.0000	0.0000	-2.9665
1477	1001	Stage DL-C: DL-C: Step 1	42.0520	0.0380	0.0000	0.0000	0.0000	-0.8170
1478	1175	Stage DL-C: DL-C: Step 1	61.0131	1.5462	0.0000	0.0000	0.0000	4.9699
1478	1052	Stage DL-C: DL-C: Step 1	-61.0131	-1.2133	0.0000	0.0000	0.0000	2.4062
1491	1166	Stage DL-C: DL-C: Step 1	-15.5038	0.3314	0.0635	-0.0182	-0.1394	1.4817
1491	1064	Stage DL-C: DL-C: Step 1	15.5491	-0.1262	-0.0635	0.0182	-0.4200	0.5240
1492	1167	Stage DL-C: DL-C: Step 1	13.0941	0.3435	0.1002	-0.0212	-0.6224	1.8068
1492	1063	Stage DL-C: DL-C: Step 1	-12.8394	-0.1413	-0.1502	0.0212	-0.6863	0.2760
1493	1166	Stage DL-C: DL-C: Step 1	-57.2982	-1.0927	0.0000	0.0000	0.0000	-3.8620
1493	1063	Stage DL-C: DL-C: Step 1	57.2982	0.7598	0.0000	0.0000	0.0000	-1.1322
1494	1167	Stage DL-C: DL-C: Step 1	90.5958	3.0074	0.0000	0.0000	0.0000	6.6071
1494	1064	Stage DL-C: DL-C: Step 1	-90.5958	-1.6745	0.0000	0.0000	0.0000	3.3599
1507	1186	Stage DL-C: DL-C: Step 1	-18.3640	0.3927	0.0308	-0.0095	-0.0568	1.8878
1507	1076	Stage DL-C: DL-C: Step 1	18.1063	-0.1806	-0.0306	0.0095	-0.2080	0.8111
1508	1184	Stage DL-C: DL-C: Step 1	14.8742	0.3847	0.0800	-0.0113	-0.3151	2.1148
1508	1075	Stage DL-C: DL-C: Step 1	-14.7195	-0.1826	-0.0800	0.0113	-0.3912	0.3551
1509	1186	Stage DL-C: DL-C: Step 1	-66.6891	-1.2295	0.0000	0.0000	0.0000	-4.4260
1509	1075	Stage DL-C: DL-C: Step 1	66.6891	0.8968	0.0000	0.0000	0.0000	-1.3268
1510	1199	Stage DL-C: DL-C: Step 1	92.9209	2.2963	0.0000	0.0000	0.0000	7.6329
1510	1076	Stage DL-C: DL-C: Step 1	-92.9209	-1.8634	0.0000	0.0000	0.0000	5.6970
1523	1210	Stage DL-C: DL-C: Step 1	-19.3108	0.3732	-0.0096	0.0002	0.0450	1.7305
1523	1088	Stage DL-C: DL-C: Step 1	19.0561	-0.1771	0.0089	-0.0002	0.0303	0.6398
1524	1211	Stage DL-C: DL-C: Step 1	15.6483	0.3963	0.0029	-0.0009	0.0222	2.2579
1524	1087	Stage DL-C: DL-C: Step 1	-15.3936	-0.1962	-0.0026	0.0009	-0.0447	0.3611
1525	1210	Stage DL-C: DL-C: Step 1	-69.8821	-1.2774	0.0000	0.0000	0.0000	-4.8149
1525	1087	Stage DL-C: DL-C: Step 1	69.8821	0.8445	0.0000	0.0000	0.0000	-1.3890
1526	1211	Stage DL-C: DL-C: Step 1	96.9827	2.3930	0.0000	0.0000	0.0000	7.9764
1526	1088	Stage DL-C: DL-C: Step 1	-96.9827	-2.0602	0.0000	0.0000	0.0000	4.0771
1539	1222	Stage DL-C: DL-C: Step 1	-18.5797	0.3622	-0.0479	0.0089	0.1471	1.8877
1539	1100	Stage DL-C: DL-C: Step 1	18.3250	-0.1801	0.0479	-0.0096	0.2703	0.6068
1540	1223	Stage DL-C: DL-C: Step 1	15.0768	0.3838	-0.0752	0.0102	0.3607	2.1106
1540	1099	Stage DL-C: DL-C: Step 1	-14.8222	-0.1818	0.0752	-0.0102	0.2841	0.3515
1541	1222	Stage DL-C: DL-C: Step 1	-66.7104	-1.2337	0.0000	0.0000	0.0000	-4.4412

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1541	1099	Stage DL-C: DL-C: Step 1	66.7104	0.9009	0.0000	0.0000	0.0000	-1.3365
1542	1223	Stage DL-C: DL-C: Step 1	92.9667	2.2923	0.0000	0.0000	0.0000	7.6233
1542	1100	Stage DL-C: DL-C: Step 1	-92.9667	-1.8594	0.0000	0.0000	0.0000	5.6847
1555	1234	Stage DL-C: DL-C: Step 1	-19.1042	0.3304	-0.0814	-0.0186	0.2263	1.4832
1555	1113	Stage DL-C: DL-C: Step 1	15.8499	-0.1283	0.0814	-0.0186	0.4826	0.5144
1556	1235	Stage DL-C: DL-C: Step 1	13.1742	0.3417	-0.1468	0.0259	0.6723	1.8276
1556	1111	Stage DL-C: DL-C: Step 1	-12.9195	-0.1396	0.1468	-0.0259	0.8063	0.2679
1557	1234	Stage DL-C: DL-C: Step 1	-57.3400	-1.0992	0.0000	0.0000	0.0000	-3.9004
1557	1111	Stage DL-C: DL-C: Step 1	57.3400	0.7983	0.0000	0.0000	0.0000	-1.1399
1558	1235	Stage DL-C: DL-C: Step 1	90.1323	1.9964	0.0000	0.0000	0.0000	6.5826
1558	1112	Stage DL-C: DL-C: Step 1	-90.1323	-1.6635	0.0000	0.0000	0.0000	5.3235
1571	1246	Stage DL-C: DL-C: Step 1	-11.7393	0.2782	-0.1039	0.0257	0.2567	1.1843
1571	1124	Stage DL-C: DL-C: Step 1	11.4846	-0.0771	0.1039	-0.0257	0.8423	0.3670
1572	1247	Stage DL-C: DL-C: Step 1	9.8784	0.2755	-0.2052	0.0291	0.8253	1.3907
1572	1123	Stage DL-C: DL-C: Step 1	-9.8237	-0.0733	0.2052	-0.0291	0.9615	0.1391
1573	1246	Stage DL-C: DL-C: Step 1	-42.1423	-0.8744	0.0000	0.0000	0.0000	-3.0397
1573	1123	Stage DL-C: DL-C: Step 1	42.1423	0.5415	0.0000	0.0000	0.0000	-0.8057
1574	1247	Stage DL-C: DL-C: Step 1	90.5022	1.5223	0.0000	0.0000	0.0000	4.9186
1574	1124	Stage DL-C: DL-C: Step 1	-90.5022	-1.1894	0.0000	0.0000	0.0000	2.4210
1587	1258	Stage DL-C: DL-C: Step 1	-4.5846	0.2138	-0.1274	0.0305	0.3159	0.8033
1587	1136	Stage DL-C: DL-C: Step 1	4.3289	-0.0117	0.1274	-0.0305	0.7898	0.1783
1588	1259	Stage DL-C: DL-C: Step 1	-9.3469	0.1883	-0.2695	0.0337	1.2028	0.7904
1588	1135	Stage DL-C: DL-C: Step 1	-3.7969	0.0139	0.2655	-0.0337	1.1062	-0.0209
1589	1259	Stage DL-C: DL-C: Step 1	-22.9583	-0.5767	0.0000	0.0000	0.0000	-1.8812
1589	1135	Stage DL-C: DL-C: Step 1	22.9583	0.3439	0.0000	0.0000	0.0000	-0.3599
1590	1259	Stage DL-C: DL-C: Step 1	32.8279	0.8490	0.0000	0.0000	0.0000	2.5999
1590	1136	Stage DL-C: DL-C: Step 1	-32.8279	-0.5161	0.0000	0.0000	0.0000	1.1250
1603	1270	Stage DL-C: DL-C: Step 1	05.1052	0.0323	0.6971	0.0504	-2.0877	-0.0751
1603	1148	Stage DL-C: DL-C: Step 1	-05.4186	0.1598	-0.6971	-0.0504	-0.9830	-0.5234
1604	1271	Stage DL-C: DL-C: Step 1	52.3600	0.4251	-0.4043	-0.1307	2.0501	1.6107
1604	1147	Stage DL-C: DL-C: Step 1	-52.1053	-0.2230	0.4043	0.1307	1.4712	1.2117
1605	1270	Stage DL-C: DL-C: Step 1	-29.2423	-0.3502	0.0000	0.0000	0.0000	-0.8562
1605	1147	Stage DL-C: DL-C: Step 1	29.2423	0.0173	0.0000	0.0000	0.0000	-0.1384
1606	1271	Stage DL-C: DL-C: Step 1	-27.8979	1.0926	0.0000	0.0000	0.0000	2.8111

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1036	1148	Stage DL-C: DL-C: Step 1	27.8979	-0.7592	0.0000	0.0000	0.0000	2.1985

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1448	1150	Stage DL-C: DL-C: Step 1	67.2914	2.8061	1.4407	1.0808	-2.2799	2.9007
1448	1153	Stage DL-C: DL-C: Step 1	-67.2914	0.3747	-1.4407	-1.0808	-2.9952	1.5501
1448	1151	Stage DL-C: DL-C: Step 1	-18.5544	3.8403	-4.1335	4.0128	0.0000	0.0000
1449	1154	Stage DL-C: DL-C: Step 1	18.5544	-2.6932	4.1335	-4.0128	15.1332	12.1430
1451	1153	Stage DL-C: DL-C: Step 1	160.9081	4.1652	1.1023	0.8221	3.0026	5.8626
1451	1156	Stage DL-C: DL-C: Step 1	-160.9081	-0.0884	-1.1023	-0.8221	-7.0381	3.5367
1452	1154	Stage DL-C: DL-C: Step 1	-217.5500	5.8304	-2.0026	3.9010	-15.5905	10.6617
1452	1157	Stage DL-C: DL-C: Step 1	217.5500	-4.5835	2.0026	-3.9010	22.8023	8.4015
1454	1156	Stage DL-C: DL-C: Step 1	251.7566	3.4711	-2.1747	0.9469	7.0206	4.1230
1454	1159	Stage DL-C: DL-C: Step 1	-251.7566	-0.2993	2.1747	-0.9469	0.9416	2.7620
1455	1157	Stage DL-C: DL-C: Step 1	-363.8136	5.1770	2.9475	4.0024	-22.9068	8.3148
1455	1160	Stage DL-C: DL-C: Step 1	363.8136	-1.5299	-2.9475	-4.0024	12.1067	6.3560
1457	1159	Stage DL-C: DL-C: Step 1	345.2915	3.5411	-6.9199	1.0411	-0.8478	4.4838
1457	1162	Stage DL-C: DL-C: Step 1	-345.2915	-0.3603	6.9199	-1.0411	26.3023	2.8579
1458	1160	Stage DL-C: DL-C: Step 1	-464.6802	4.3948	10.1253	4.1178	-13.0785	6.6020
1458	1163	Stage DL-C: DL-C: Step 1	464.6802	-3.1477	-10.1253	-4.1178	-24.9914	7.2051
1464	1162	Stage DL-C: DL-C: Step 1	436.3929	5.3418	10.1579	0.8194	-26.2246	3.8474
1464	1165	Stage DL-C: DL-C: Step 1	-436.3929	-0.1610	-10.1579	-0.8194	-10.9648	2.5647
1465	1163	Stage DL-C: DL-C: Step 1	-818.8014	4.2987	-16.6260	3.5983	25.7316	6.1070
1465	1166	Stage DL-C: DL-C: Step 1	818.8014	-3.0517	16.6260	-3.5983	30.1355	7.3477
1467	1165	Stage DL-C: DL-C: Step 1	518.8031	3.3952	3.2599	0.8781	10.9635	4.0000
1467	1168	Stage DL-C: DL-C: Step 1	-518.8031	-0.2143	-3.2599	-0.8781	-22.8985	2.6073
1468	1166	Stage DL-C: DL-C: Step 1	-735.4760	4.2465	-5.3595	5.9552	-35.1331	5.9589
1468	1169	Stage DL-C: DL-C: Step 1	735.4760	-2.9993	5.3595	-5.9552	54.7559	7.3077
1470	1168	Stage DL-C: DL-C: Step 1	599.1511	3.3102	-4.4425	0.9167	22.8778	5.7731
1470	1171	Stage DL-C: DL-C: Step 1	-599.1511	-0.1294	4.4425	-0.9167	-6.6134	2.5233
1471	1169	Stage DL-C: DL-C: Step 1	847.5317	4.1130	7.7900	3.6748	-34.7317	5.4904
1471	1172	Stage DL-C: DL-C: Step 1	847.5317	-2.8659	-7.7900	-3.6748	26.2114	7.2949
1473	1171	Stage DL-C: DL-C: Step 1	675.1900	3.1141	-14.4838	1.0828	6.3727	3.4709

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1473	1174	Stage DL-C: DL-C: Step 1	-675.1900	0.0867	14.6838	-1.0828	47.1134	2.1070
1474	1172	Stage DL-C: DL-C: Step 1	-954.3391	3.8068	22.7964	3.8028	-26.1644	4.9332
1474	1175	Stage DL-C: DL-C: Step 1	954.3391	-2.5597	-22.7964	-3.8028	-57.2596	6.7211
1480	1174	Stage DL-C: DL-C: Step 1	746.9733	2.9193	17.2247	0.5229	-47.0476	2.9252
1480	1177	Stage DL-C: DL-C: Step 1	-746.9733	0.2615	-17.2247	-0.5229	-16.0142	1.9400
1481	1176	Stage DL-C: DL-C: Step 1	-1,052.0221	3.3700	-27.5005	2.7459	57.8341	3.7569
1481	1179	Stage DL-C: DL-C: Step 1	1,052.0221	-2.1229	27.5005	-2.7459	42.8486	5.2961
1483	1177	Stage DL-C: DL-C: Step 1	809.0872	2.9309	5.2409	0.6648	16.0280	2.9799
1483	1180	Stage DL-C: DL-C: Step 1	-809.0872	0.2500	-5.2409	-0.6648	-35.2867	1.9276
1484	1179	Stage DL-C: DL-C: Step 1	-1,139.5520	3.5278	-9.2888	2.8473	-42.8635	3.6754
1484	1181	Stage DL-C: DL-C: Step 1	1,139.5520	-2.0807	9.2888	-2.8472	76.8710	6.2251
1486	1183	Stage DL-C: DL-C: Step 1	868.8186	2.9448	-6.2898	0.7431	35.2726	2.7697
1486	1182	Stage DL-C: DL-C: Step 1	-868.8186	0.2360	6.2898	-0.7431	-12.2450	1.8227
1487	1181	Stage DL-C: DL-C: Step 1	-1,222.5760	3.1940	10.5087	2.8837	-76.8523	3.2545
1487	1184	Stage DL-C: DL-C: Step 1	1,222.5760	-1.8469	-10.5087	-2.9837	39.1107	6.1582
1489	1183	Stage DL-C: DL-C: Step 1	934.5090	2.8764	-20.7584	0.9529	12.1964	2.5092
1489	1186	Stage DL-C: DL-C: Step 1	-934.5090	0.5044	20.7584	-0.9529	63.8008	1.4670
1490	1184	Stage DL-C: DL-C: Step 1	-1,300.4561	2.9164	31.2813	3.0177	-59.0578	2.7664
1490	1187	Stage DL-C: DL-C: Step 1	1,300.4561	-1.8669	-31.2813	-3.0177	-75.4671	5.6290
1496	1186	Stage DL-C: DL-C: Step 1	974.1581	2.4448	22.4529	0.1852	-63.7467	1.9518
1496	1189	Stage DL-C: DL-C: Step 1	-974.1581	0.7160	-22.4529	-0.1852	-18.4822	1.1782
1497	1187	Stage DL-C: DL-C: Step 1	-1,367.5562	2.3952	-34.8601	1.6749	75.6808	1.5542
1497	1190	Stage DL-C: DL-C: Step 1	1,367.5562	-1.1481	34.8601	-1.6749	51.7465	4.8319
1499	1189	Stage DL-C: DL-C: Step 1	1,013.7443	2.4245	6.7928	0.3932	18.4895	1.9323
1499	1192	Stage DL-C: DL-C: Step 1	-1,013.7443	0.7563	-6.7928	-0.3932	-63.3587	1.1218
1500	1190	Stage DL-C: DL-C: Step 1	-1,423.1046	2.3045	-11.6815	1.8092	-51.7763	1.3695
1500	1193	Stage DL-C: DL-C: Step 1	1,423.1046	-1.0574	11.6815	-1.8092	94.5439	4.7948
1502	1192	Stage DL-C: DL-C: Step 1	1,050.8257	2.3368	-7.4062	0.5013	63.3488	1.7388
1502	1195	Stage DL-C: DL-C: Step 1	-1,050.8257	0.8440	7.4062	-0.5013	-16.2354	0.9956
1503	1193	Stage DL-C: DL-C: Step 1	-1,474.0700	2.1605	12.3404	1.8216	-94.5321	1.0332
1503	1196	Stage DL-C: DL-C: Step 1	1,474.0700	-0.8334	-12.3404	-1.8216	49.3525	4.6870
1505	1196	Stage DL-C: DL-C: Step 1	1,083.7595	2.2006	-24.6308	0.7516	16.1803	1.5261
1505	1199	Stage DL-C: DL-C: Step 1	-1,083.7595	0.9802	24.6308	-0.7516	73.9811	0.7080
1506	1196	Stage DL-C: DL-C: Step 1	-1,520.0504	1.9414	37.2122	1.8691	-49.2985	0.6267

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1506	1199	Stage DL-C: DL-C: Step 1	1,520.0504	-0.6543	-37.2122	-1.9881	-66.9401	4.2041
1512	1198	Stage DL-C: DL-C: Step 1	1,109.1988	1.5469	25.4987	-0.1589	-73.9676	0.3886
1512	1201	Stage DL-C: DL-C: Step 1	-1,109.1988	1.2340	-25.4987	0.1589	-19.3962	0.3164
1513	1199	Stage DL-C: DL-C: Step 1	-1,554.0790	1.2877	-39.0149	0.4570	67.1502	-0.5816
1513	1202	Stage DL-C: DL-C: Step 1	1,554.0790	-0.1207	39.0149	-0.4570	55.6663	3.2962
1515	1201	Stage DL-C: DL-C: Step 1	1,124.7827	1.8931	7.8710	0.0906	19.4241	0.8925
1515	1204	Stage DL-C: DL-C: Step 1	-1,124.7827	1.2877	-7.8710	-0.0906	-47.5085	0.2156
1516	1202	Stage DL-C: DL-C: Step 1	-1,575.8256	1.2343	-13.0251	0.6132	-55.7302	-0.8474
1516	1205	Stage DL-C: DL-C: Step 1	1,575.8256	0.0227	13.0251	-0.6132	103.4189	3.0470
1518	1204	Stage DL-C: DL-C: Step 1	1,137.3506	1.8046	-7.8709	0.2142	47.5050	0.7184
1518	1207	Stage DL-C: DL-C: Step 1	-1,137.3506	1.3762	7.8708	-0.2142	-18.8715	0.0857
1519	1205	Stage DL-C: DL-C: Step 1	-1,592.8575	1.1052	13.2383	0.6230	-103.4129	-1.1030
1519	1208	Stage DL-C: DL-C: Step 1	1,592.8575	0.1418	-13.2383	-0.6230	54.9484	2.8963
1521	1207	Stage DL-C: DL-C: Step 1	1,146.4601	1.7024	-26.2423	0.4783	18.8265	0.5552
1521	1210	Stage DL-C: DL-C: Step 1	-1,146.4601	1.4784	26.2423	-0.4783	77.4457	-0.1449
1523	1208	Stage DL-C: DL-C: Step 1	-1,605.0679	0.9132	39.7919	0.7897	-54.8982	-1.4299
1523	1211	Stage DL-C: DL-C: Step 1	1,605.0679	0.3339	-39.7919	-0.7897	-90.7861	2.4699
1528	1210	Stage DL-C: DL-C: Step 1	1,146.7174	1.4405	26.2461	-0.4813	-77.4775	0.0655
1528	1213	Stage DL-C: DL-C: Step 1	-1,146.7174	1.7403	-26.2461	0.4813	-18.8127	-0.6143
1528	1211	Stage DL-C: DL-C: Step 1	-1,604.7321	0.5211	-39.7767	-0.8011	90.7748	-2.5109
1528	1214	Stage DL-C: DL-C: Step 1	1,604.7321	0.9260	39.7767	0.8011	54.8567	1.4036
1531	1213	Stage DL-C: DL-C: Step 1	1,137.7750	1.3524	7.8808	-0.2171	18.8577	-0.1079
1531	1216	Stage DL-C: DL-C: Step 1	-1,137.7750	1.8284	-7.8808	0.2171	-47.5104	-0.7833
1532	1214	Stage DL-C: DL-C: Step 1	-1,592.0262	0.1348	-13.2339	-0.6347	-54.9069	-2.8972
1532	1217	Stage DL-C: DL-C: Step 1	1,592.0262	1.1225	13.2339	0.6347	103.3080	1.0764
1534	1216	Stage DL-C: DL-C: Step 1	1,125.5280	1.2657	-7.8651	-0.0034	47.5140	-0.2828
1534	1219	Stage DL-C: DL-C: Step 1	-1,125.5280	1.9171	7.8651	0.0834	-19.4512	-0.9352
1535	1217	Stage DL-C: DL-C: Step 1	-1,574.4382	0.0063	13.0071	-0.6258	-103.3621	-3.0783
1535	1220	Stage DL-C: DL-C: Step 1	1,574.4382	1.2408	-13.0071	0.6258	55.7416	0.8185
1537	1219	Stage DL-C: DL-C: Step 1	1,110.1062	1.1962	-25.5144	0.1568	19.4134	-0.5759
1537	1222	Stage DL-C: DL-C: Step 1	-1,110.1062	1.9848	25.5144	-0.1568	73.9060	-1.0677
1538	1220	Stage DL-C: DL-C: Step 1	-1,552.2116	-0.1338	38.9622	-0.4709	-55.8997	-3.3125
1538	1223	Stage DL-C: DL-C: Step 1	1,552.2116	1.3808	-38.9622	0.4709	-66.9403	0.5408
1544	1222	Stage DL-C: DL-C: Step 1	1,085.1464	0.9410	24.6533	-0.7548	-74.0771	-0.7096

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1544	1225	Stage DL-C: DL-C: Step 1	-1,085.1464	2.2399	-24.6533	0.7548	-16.1918	-1.5877
1545	1223	Stage DL-C: DL-C: Step 1	-1,317.4532	-0.7100	-37.1214	-1.8059	86.7064	-4.2300
1545	1226	Stage DL-C: DL-C: Step 1	1,317.4532	1.9571	37.1214	1.8959	48.1678	-0.8523
1547	1225	Stage DL-C: DL-C: Step 1	1,052.0967	0.8195	7.4097	-0.5036	16.2299	-1.0374
1547	1228	Stage DL-C: DL-C: Step 1	-1,052.0967	2.3913	-7.4097	0.5036	-43.3578	-1.7849
1548	1226	Stage DL-C: DL-C: Step 1	-1,470.8560	-0.8554	-13.3090	-1.8311	-48.2516	-4.7062
1548	1229	Stage DL-C: DL-C: Step 1	1,470.8560	2.2025	13.3090	1.8311	94.3165	-1.0745
1550	1228	Stage DL-C: DL-C: Step 1	1,015.4627	0.7316	-6.7676	-0.3954	43.3680	-1.1679
1550	1231	Stage DL-C: DL-C: Step 1	-1,015.4627	2.4492	6.7676	0.2954	-16.5177	-1.9760
1551	1229	Stage DL-C: DL-C: Step 1	-1,419.2060	-1.5770	11.6404	-1.8206	-94.3284	-4.8220
1551	1232	Stage DL-C: DL-C: Step 1	1,419.2060	2.3241	-11.6404	1.8206	51.7096	-1.4041
1553	1231	Stage DL-C: DL-C: Step 1	875.9423	0.6981	-22.4783	-0.1881	16.4905	-1.2356
1553	1234	Stage DL-C: DL-C: Step 1	-875.9423	2.4827	22.4783	0.1881	93.7983	-2.0313
1554	1232	Stage DL-C: DL-C: Step 1	-1,363.0736	-1.1648	34.7328	-1.6887	-51.6788	-4.9645
1554	1235	Stage DL-C: DL-C: Step 1	1,363.0736	2.4120	-34.7328	1.6887	-75.4799	-1.5832
1560	1234	Stage DL-C: DL-C: Step 1	926.7079	0.4651	20.7865	-0.9543	-63.9158	-1.5490
1560	1237	Stage DL-C: DL-C: Step 1	-926.7079	2.7157	-20.7865	0.9543	-12.1962	-2.5708
1561	1235	Stage DL-C: DL-C: Step 1	-1,295.1079	-1.6848	-31.1060	-3.0203	75.0362	-5.6587
1561	1238	Stage DL-C: DL-C: Step 1	1,295.1079	2.9356	31.1060	3.0203	38.8477	-2.8059
1563	1237	Stage DL-C: DL-C: Step 1	870.8668	0.3129	6.2904	-0.7432	12.2327	-1.8636
1563	1240	Stage DL-C: DL-C: Step 1	-870.8668	2.8680	-6.2904	0.7432	-35.2925	-2.8138
1564	1238	Stage DL-C: DL-C: Step 1	-1,218.4630	-1.9743	-10.2494	-2.8882	-56.8005	-6.2046
1564	1241	Stage DL-C: DL-C: Step 1	1,218.4630	3.2214	10.2494	2.8882	76.4245	-3.3063
1566	1240	Stage DL-C: DL-C: Step 1	811.2361	0.2273	-5.2586	-0.6857	35.2785	-1.9702
1566	1243	Stage DL-C: DL-C: Step 1	-811.2361	2.9030	5.2586	0.6857	-16.0262	-3.0302
1567	1241	Stage DL-C: DL-C: Step 1	-1,132.6059	-2.1047	9.2173	-2.8531	-76.4431	-6.2586
1567	1244	Stage DL-C: DL-C: Step 1	1,132.6059	3.3017	-9.2173	2.8531	42.9877	-3.7195
1569	1243	Stage DL-C: DL-C: Step 1	748.9730	0.2270	-17.2267	-0.5228	16.0124	-1.9828
1569	1246	Stage DL-C: DL-C: Step 1	-748.9730	2.9038	17.2267	0.5228	47.0586	-2.9986
1570	1244	Stage DL-C: DL-C: Step 1	-1,044.3487	-2.1441	27.2825	-2.7634	-42.8851	-6.3258
1570	1247	Stage DL-C: DL-C: Step 1	1,044.3487	3.3911	-27.2825	2.7634	-57.2013	-3.8067
1576	1246	Stage DL-C: DL-C: Step 1	677.3594	0.0339	14.6839	-1.0595	-47.1962	-2.1781
1576	1249	Stage DL-C: DL-C: Step 1	-677.3594	3.1469	-14.6839	1.0595	-6.5003	-3.5205
1577	1247	Stage DL-C: DL-C: Step 1	-945.7309	-2.5758	-22.5128	-3.7884	59.5903	-6.7427

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1577	1250	Stage DL-C: DL-C: Step 1	945.7503	5.8229	22.5126	3.7984	25.8309	-9.9707
1576	1249	Stage DL-C: DL-C: Step 1	901.0482	-0.1434	4.4368	-0.9122	5.5406	-2.5472
1579	1252	Stage DL-C: DL-C: Step 1	-901.0482	5.3242	-4.4368	0.9122	-22.7844	-3.8008
1580	1250	Stage DL-C: DL-C: Step 1	-838.1945	-2.8930	-7.8916	-3.8898	-25.8775	-7.3309
1580	1253	Stage DL-C: DL-C: Step 1	838.1945	4.1401	7.8916	3.8898	54.0376	-5.5436
1582	1252	Stage DL-C: DL-C: Step 1	520.5624	-0.2259	-3.2663	-0.8774	22.8049	-2.6295
1582	1255	Stage DL-C: DL-C: Step 1	-520.5624	3.4068	3.2663	0.8774	-10.8467	-4.0204
1583	1253	Stage DL-C: DL-C: Step 1	-725.3388	-3.0224	5.2684	-3.6479	-54.0816	-7.3483
1583	1256	Stage DL-C: DL-C: Step 1	725.3388	4.2695	-5.2684	3.6479	34.7736	-6.0020
1585	1255	Stage DL-C: DL-C: Step 1	457.6256	-0.1632	-10.1194	-0.8204	10.8481	-2.5840
1585	1258	Stage DL-C: DL-C: Step 1	-457.6256	5.3640	10.1194	0.8204	26.2002	-3.8894
1586	1256	Stage DL-C: DL-C: Step 1	-607.9737	-3.0711	16.3315	-3.5888	-34.7761	-7.3624
1586	1259	Stage DL-C: DL-C: Step 1	607.9737	4.3181	-16.3315	3.5888	-25.0156	-6.1441
1592	1258	Stage DL-C: DL-C: Step 1	346.4429	-0.3753	6.5859	-1.0327	-26.3629	-2.8963
1592	1261	Stage DL-C: DL-C: Step 1	-346.4429	3.5561	-6.5859	1.0327	1.1381	-4.5003
1593	1259	Stage DL-C: DL-C: Step 1	-483.1782	-3.1394	-8.7454	-4.1046	24.2271	-7.1629
1593	1262	Stage DL-C: DL-C: Step 1	483.1782	4.3864	8.7454	4.1046	11.4521	-6.5936
1595	1261	Stage DL-C: DL-C: Step 1	252.8071	-0.2480	2.1662	-0.9437	-1.1121	-2.7529
1596	1264	Stage DL-C: DL-C: Step 1	-252.8071	3.4688	-2.1662	0.9437	-6.8982	-4.1241
1596	1262	Stage DL-C: DL-C: Step 1	-351.9094	-3.0625	-2.7696	-3.8671	-11.4831	-6.4104
1596	1265	Stage DL-C: DL-C: Step 1	351.9094	5.2208	2.7696	3.8671	21.8981	-6.4529
1598	1264	Stage DL-C: DL-C: Step 1	161.5142	-0.8950	-1.0476	-0.9256	8.9171	-3.5488
1598	1267	Stage DL-C: DL-C: Step 1	-161.5142	4.1758	1.0476	0.9256	-3.0816	-5.9166
1598	1265	Stage DL-C: DL-C: Step 1	-208.2412	-4.3719	1.9340	-3.8818	-21.7176	-6.1640
1598	1268	Stage DL-C: DL-C: Step 1	208.2412	5.8190	-1.9340	3.8818	14.8373	-10.0949
1601	1267	Stage DL-C: DL-C: Step 1	63.2682	0.3307	-1.2388	-1.0793	5.0772	-1.5925
1601	1270	Stage DL-C: DL-C: Step 1	-63.2682	2.8931	1.2388	1.0793	1.4583	-3.0215
1602	1268	Stage DL-C: DL-C: Step 1	-16.6352	-2.5331	3.8863	-5.9788	-14.2281	-11.6300
1602	1271	Stage DL-C: DL-C: Step 1	16.6352	5.8002	-3.8863	5.9788	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1118	904	Stage DL-C: DL-C: Step 1	26.4362	1.7425	0.7420	0.4405	1.9815	0.9344

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1118	907	Stage DL-C: DL-C: Step 1	-26.4362	1.1575	-0.7420	-0.4405	-4.5728	0.1229
1119	905	Stage DL-C: DL-C: Step 1	-31.4583	1.0119	-2.1671	1.0903	0.0000	0.0000
1119	908	Stage DL-C: DL-C: Step 1	31.4583	-0.2592	2.1671	-1.0903	7.3677	2.2121
1121	907	Stage DL-C: DL-C: Step 1	94.1704	2.5895	0.1673	0.4640	4.5824	2.9716
1121	910	Stage DL-C: DL-C: Step 1	-94.1704	0.2405	-0.1673	-0.4640	-5.1467	1.0417
1122	908	Stage DL-C: DL-C: Step 1	-108.0642	3.1883	-1.0647	1.0360	-7.5911	3.3547
1122	911	Stage DL-C: DL-C: Step 1	108.0642	-1.4123	1.0647	-1.0360	11.3090	2.8992
1124	910	Stage DL-C: DL-C: Step 1	151.8620	2.2740	-1.3624	0.4415	5.1292	2.2084
1124	913	Stage DL-C: DL-C: Step 1	-151.8620	0.6058	1.3624	-0.4415	-0.3715	0.7139
1125	911	Stage DL-C: DL-C: Step 1	-192.9565	2.1706	1.5653	0.9936	-11.2902	3.2811
1125	914	Stage DL-C: DL-C: Step 1	192.9565	-1.4136	-1.5653	-0.9936	5.8241	2.9772
1127	913	Stage DL-C: DL-C: Step 1	208.2421	2.1595	-4.9113	0.4539	0.3516	2.1385
1127	916	Stage DL-C: DL-C: Step 1	-208.2421	0.7200	4.9113	-0.4539	16.7991	0.3739
1128	914	Stage DL-C: DL-C: Step 1	-271.3367	1.8472	5.8313	0.9807	-5.8020	2.7295
1128	917	Stage DL-C: DL-C: Step 1	271.3367	-1.0902	-5.8313	-0.9807	-13.8832	2.4004
1134	916	Stage DL-C: DL-C: Step 1	264.9570	2.0817	6.5736	0.4221	-15.7575	1.7850
1134	919	Stage DL-C: DL-C: Step 1	-264.9570	0.7978	-6.5736	-0.4221	-7.1960	0.4588
1135	917	Stage DL-C: DL-C: Step 1	-345.8623	1.7427	-10.1260	1.0315	15.4183	2.3249
1135	920	Stage DL-C: DL-C: Step 1	345.8623	-0.9658	10.1260	-1.0315	19.9468	2.4360
1137	919	Stage DL-C: DL-C: Step 1	312.9008	2.1789	1.3851	0.4171	7.1922	2.0412
1137	922	Stage DL-C: DL-C: Step 1	-312.9008	0.7008	-1.3851	-0.4171	-14.1244	0.5400
1138	920	Stage DL-C: DL-C: Step 1	-413.8813	1.8053	-3.4621	0.9546	-19.9457	2.5118
1138	923	Stage DL-C: DL-C: Step 1	413.8813	-1.0483	3.4621	-0.9546	32.0339	2.4708
1140	922	Stage DL-C: DL-C: Step 1	360.7231	2.1408	-2.8680	0.3829	14.1094	1.9370
1140	925	Stage DL-C: DL-C: Step 1	-360.7231	0.7367	2.8680	-0.3829	-4.7925	0.5110
1141	923	Stage DL-C: DL-C: Step 1	-479.1888	1.7171	4.3779	0.8465	-32.0177	2.2652
1141	926	Stage DL-C: DL-C: Step 1	479.1888	-0.9601	-4.3779	-0.8465	16.7295	2.3813
1143	925	Stage DL-C: DL-C: Step 1	405.1837	1.8685	-8.7183	0.2964	4.7698	1.7165
1143	928	Stage DL-C: DL-C: Step 1	-405.1837	0.9100	8.7183	-0.5954	29.1687	0.1335
1144	928	Stage DL-C: DL-C: Step 1	-540.3617	1.5997	13.3502	0.7719	-16.7020	2.0981
1144	929	Stage DL-C: DL-C: Step 1	540.3617	-0.8017	-13.3502	-0.7719	-29.8182	2.0052
1150	928	Stage DL-C: DL-C: Step 1	448.8894	1.8126	10.8917	0.3391	-28.2376	1.4446
1150	931	Stage DL-C: DL-C: Step 1	-448.8894	0.9668	-10.8917	-0.3391	-10.1462	0.2068
1151	929	Stage DL-C: DL-C: Step 1	-596.8831	1.4018	-16.6377	0.8990	31.2580	1.8185

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1151	932	Stage DL-C: DL-C: Step 1	596.8631	-0.6446	16.6377	-0.8960	29.8445	1.9570
1153	931	Stage DL-C: DL-C: Step 1	484.6827	1.6820	3.1744	0.3387	10.1480	1.6355
1153	934	Stage DL-C: DL-C: Step 1	-484.6827	0.8975	-3.1744	-0.3387	-21.2332	0.2581
1154	932	Stage DL-C: DL-C: Step 1	-647.9432	1.4347	-0.8827	0.7952	-26.8486	1.7317
1154	933	Stage DL-C: DL-C: Step 1	647.9432	-0.8778	5.6827	-0.7952	46.8931	1.9568
1156	934	Stage DL-C: DL-C: Step 1	519.8291	1.9460	-3.7254	0.2882	21.2215	1.5451
1156	937	Stage DL-C: DL-C: Step 1	-519.8291	0.8335	3.7254	-0.2882	-8.2119	0.2227
1157	935	Stage DL-C: DL-C: Step 1	-695.5955	1.3369	6.1291	0.8290	-46.6805	1.5106
1157	938	Stage DL-C: DL-C: Step 1	695.5955	-0.5830	-6.1291	-0.8290	25.2771	1.9469
1159	937	Stage DL-C: DL-C: Step 1	551.8815	1.7923	-13.4333	0.3032	8.1968	1.3444
1159	940	Stage DL-C: DL-C: Step 1	-551.8815	1.0872	13.4333	-0.3032	36.7234	-0.1132
1160	938	Stage DL-C: DL-C: Step 1	-739.4428	1.2356	16.7952	0.5144	-25.2477	1.3557
1160	941	Stage DL-C: DL-C: Step 1	739.4428	-0.4788	-16.7952	-0.5144	-40.2820	1.8380
1186	940	Stage DL-C: DL-C: Step 1	581.8705	1.7307	14.0468	0.2252	-37.8046	1.0961
1186	943	Stage DL-C: DL-C: Step 1	-581.8705	1.1468	-14.0468	-0.2252	-11.8568	-0.0801
1167	941	Stage DL-C: DL-C: Step 1	-777.4845	1.0622	-21.1304	0.6866	41.3005	0.8632
1167	944	Stage DL-C: DL-C: Step 1	777.4845	-0.3052	21.1304	-0.6866	52.3967	1.4244
1169	943	Stage DL-C: DL-C: Step 1	604.3852	1.7788	4.5526	0.2298	11.8657	1.2374
1169	946	Stage DL-C: DL-C: Step 1	-604.3852	1.1007	-4.5526	-0.2298	-25.9479	-0.0534
1170	944	Stage DL-C: DL-C: Step 1	-810.3668	1.0406	-7.1473	0.5468	-32.4113	0.9463
1170	947	Stage DL-C: DL-C: Step 1	810.3668	-0.2837	7.1473	-0.5468	57.3702	1.3960
1172	946	Stage DL-C: DL-C: Step 1	625.9690	1.7492	-4.3930	0.1702	25.9404	1.1588
1172	949	Stage DL-C: DL-C: Step 1	-625.9690	1.1365	4.3930	-0.1702	-10.5967	-0.0879
1173	947	Stage DL-C: DL-C: Step 1	-839.4213	0.9448	7.3622	0.3545	-57.3622	0.7478
1173	950	Stage DL-C: DL-C: Step 1	839.4213	-0.1676	-7.3622	-0.3545	31.9529	1.2291
1175	949	Stage DL-C: DL-C: Step 1	644.2868	1.6066	-15.7914	0.1839	10.5758	0.8791
1175	952	Stage DL-C: DL-C: Step 1	-644.2868	1.2729	15.7914	-0.1839	44.5892	-0.3836
1176	950	Stage DL-C: DL-C: Step 1	-865.1286	0.8969	22.3718	0.2135	-31.6239	0.6581
1176	953	Stage DL-C: DL-C: Step 1	865.1286	-0.1429	-22.3718	-0.2135	-46.5010	1.1827
1182	952	Stage DL-C: DL-C: Step 1	660.4163	1.5409	16.1614	0.0915	-43.8668	0.7519
1182	955	Stage DL-C: DL-C: Step 1	-660.4163	1.3386	-16.1614	-0.0915	-12.5884	-0.3987
1183	953	Stage DL-C: DL-C: Step 1	-883.6875	0.7136	-23.6228	0.4139	47.3376	0.3394
1183	956	Stage DL-C: DL-C: Step 1	883.6875	0.0434	23.6228	-0.4139	35.1560	0.8308
1185	955	Stage DL-C: DL-C: Step 1	668.7812	1.5689	4.5138	0.1005	12.5840	0.9463

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1185	958	Stage DL-C: DL-C: Step 1	-668.7812	1.3106	-4.5138	-0.1005	-28.5468	-0.3954
1186	956	Stage DL-C: DL-C: Step 1	-897.8183	0.6311	-7.8282	0.2595	-35.1759	0.1752
1186	959	Stage DL-C: DL-C: Step 1	897.8183	0.1259	7.8282	-0.2595	62.8618	0.7070
1188	958	Stage DL-C: DL-C: Step 1	676.1573	1.5352	-4.6824	0.0357	26.3441	0.7759
1188	961	Stage DL-C: DL-C: Step 1	-676.1573	1.3463	4.6824	-0.0357	-11.8928	-0.4498
1189	959	Stage DL-C: DL-C: Step 1	-907.5578	0.5344	7.9518	0.0483	-62.8591	0.0015
1189	962	Stage DL-C: DL-C: Step 1	907.5578	0.2225	-7.9518	-0.0483	35.0913	0.5430
1191	961	Stage DL-C: DL-C: Step 1	680.2893	1.4146	-16.7480	0.0479	11.9722	0.8159
1191	964	Stage DL-C: DL-C: Step 1	-680.2893	1.4049	16.7480	-0.0479	46.5133	-0.7038
1192	962	Stage DL-C: DL-C: Step 1	-914.4762	0.5529	23.9946	-0.1062	-46.0960	-0.0195
1192	965	Stage DL-C: DL-C: Step 1	914.4762	0.2040	-23.9946	0.1062	-46.7284	0.6287
1196	964	Stage DL-C: DL-C: Step 1	681.9473	1.3474	16.0648	-0.0500	-45.9958	0.4199
1196	967	Stage DL-C: DL-C: Step 1	-681.9473	1.5321	-16.0648	0.0500	-12.2397	-0.7424
1198	965	Stage DL-C: DL-C: Step 1	-913.0399	0.3927	-24.0804	0.1049	49.2678	-0.2440
1198	968	Stage DL-C: DL-C: Step 1	913.0399	0.3942	24.0804	-0.1049	34.8246	0.1888
1201	967	Stage DL-C: DL-C: Step 1	675.5095	1.3568	4.8069	-0.0377	12.2604	0.4711
1201	970	Stage DL-C: DL-C: Step 1	-675.5095	1.5226	-4.8069	0.0377	-28.3490	-0.7803
1202	968	Stage DL-C: DL-C: Step 1	-908.1671	0.2159	-8.0305	-0.0507	-34.8501	-0.0832
1202	971	Stage DL-C: DL-C: Step 1	908.1671	0.5411	8.0305	0.0507	62.8832	-0.0047
1204	970	Stage DL-C: DL-C: Step 1	668.8495	1.3212	-4.5824	-0.1023	28.3508	0.4109
1204	973	Stage DL-C: DL-C: Step 1	-668.8495	1.0383	4.5824	0.1023	-12.3486	-0.8247
1205	971	Stage DL-C: DL-C: Step 1	-898.3486	0.1197	7.8618	-0.2827	-62.8960	-0.7096
1205	974	Stage DL-C: DL-C: Step 1	898.3486	0.8372	-7.8618	0.2827	35.4417	-0.1940
1207	973	Stage DL-C: DL-C: Step 1	658.5796	1.2217	-16.2799	-0.0927	12.3331	0.2731
1207	976	Stage DL-C: DL-C: Step 1	-658.5796	1.6578	16.2799	0.0927	44.5177	-1.0346
1208	974	Stage DL-C: DL-C: Step 1	-886.2699	0.2022	23.5737	-0.4176	-35.4220	-0.8615
1208	977	Stage DL-C: DL-C: Step 1	886.2699	0.5548	-23.5737	0.4176	-46.8994	0.0458
1214	976	Stage DL-C: DL-C: Step 1	645.7604	1.1561	15.7430	-0.1868	-44.0985	0.1106
1214	979	Stage DL-C: DL-C: Step 1	-645.7604	1.7234	-15.7430	0.1868	-10.8764	-1.1511
1215	977	Stage DL-C: DL-C: Step 1	-864.6805	0.0180	-22.4927	-0.2123	47.1499	-0.7741
1215	980	Stage DL-C: DL-C: Step 1	864.6805	0.7390	22.4927	0.2123	31.3990	-0.4848
1217	979	Stage DL-C: DL-C: Step 1	625.5847	1.1467	4.3108	-0.1723	10.9004	0.1220
1217	982	Stage DL-C: DL-C: Step 1	-625.5847	1.7307	-4.3108	0.1723	-26.9543	-1.1382
1218	980	Stage DL-C: DL-C: Step 1	-841.2822	-0.1933	-7.4501	-0.3559	-31.4254	-1.2479

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1218	983	Stage DL-C: DL-C: Step 1	841.2922	0.9503	7.4001	0.3559	57.4418	-0.7488
1220	982	Stage DL-C: DL-C: Step 1	604.2803	1.1129	-4.0892	-0.2314	25.9616	0.0715
1220	985	Stage DL-C: DL-C: Step 1	-604.2803	1.7866	4.0892	0.2314	-11.8880	-1.2128
1221	983	Stage DL-C: DL-C: Step 1	-812.2311	-0.2677	7.0882	-0.3506	-57.4488	-1.3653
1221	988	Stage DL-C: DL-C: Step 1	812.2311	1.0447	-7.0882	0.5506	32.8582	-0.9611
1223	985	Stage DL-C: DL-C: Step 1	579.7828	1.0340	-14.4073	-0.2253	11.8589	-0.5419
1223	988	Stage DL-C: DL-C: Step 1	-579.7828	1.9455	14.4073	0.2253	39.8528	-1.3750
1224	988	Stage DL-C: DL-C: Step 1	-781.5238	-0.1438	21.1290	-0.6926	-30.6458	-1.2516
1224	989	Stage DL-C: DL-C: Step 1	781.5238	0.9008	-21.1290	0.6926	-41.1380	-0.5723
1230	988	Stage DL-C: DL-C: Step 1	552.8011	0.9731	13.4226	-0.3071	-38.3515	-0.1656
1230	991	Stage DL-C: DL-C: Step 1	-552.8011	1.9084	-13.4226	0.3071	-8.5218	-1.4646
1231	988	Stage DL-C: DL-C: Step 1	-740.7590	-0.3121	-18.9468	-0.5099	41.1268	-1.2389
1231	992	Stage DL-C: DL-C: Step 1	740.7590	1.0691	18.9468	0.5099	25.0348	-1.1729
1233	991	Stage DL-C: DL-C: Step 1	519.2181	0.9489	3.6343	-0.2912	8.5470	-0.1918
1233	994	Stage DL-C: DL-C: Step 1	-519.2181	1.9285	-3.6343	0.2912	-21.2384	-1.5188
1234	992	Stage DL-C: DL-C: Step 1	-698.2478	-0.5847	-6.2423	-0.6288	-25.0645	-1.8596
1234	995	Stage DL-C: DL-C: Step 1	698.2478	1.3417	6.2423	0.6288	46.8629	-1.5041
1236	994	Stage DL-C: DL-C: Step 1	484.3135	0.9142	-3.2287	-0.3396	21.2552	-0.2326
1236	997	Stage DL-C: DL-C: Step 1	-484.3135	1.9853	3.2287	0.3396	-8.5753	-1.8826
1237	995	Stage DL-C: DL-C: Step 1	-651.8058	-0.6769	5.6464	-0.7890	-46.8758	-1.9478
1237	998	Stage DL-C: DL-C: Step 1	651.8058	1.4339	-5.6464	0.7890	27.1473	-1.7375
1238	997	Stage DL-C: DL-C: Step 1	446.2590	0.8571	-11.2045	-0.5373	9.9734	-0.3200
1239	1000	Stage DL-C: DL-C: Step 1	-446.2590	2.0224	11.2045	0.5373	29.1532	-1.7147
1240	998	Stage DL-C: DL-C: Step 1	-603.2820	-0.4762	16.8963	-0.9054	-27.1432	-1.7740
1240	1001	Stage DL-C: DL-C: Step 1	603.2820	1.2332	-16.8963	0.9054	-31.1816	-1.2106
1246	1000	Stage DL-C: DL-C: Step 1	406.0730	0.8029	8.7559	-0.4005	-28.9322	-0.4813
1246	1003	Stage DL-C: DL-C: Step 1	-406.0730	2.0767	-8.7559	0.4005	-5.1364	-1.8230
1247	1001	Stage DL-C: DL-C: Step 1	-544.2875	-0.6211	-13.5695	-0.7635	30.9441	-1.8312
1247	1004	Stage DL-C: DL-C: Step 1	544.2875	1.3781	13.5695	0.7635	16.4417	-1.8595
1248	1003	Stage DL-C: DL-C: Step 1	359.8958	0.7641	2.5712	-0.3839	5.1604	-0.4647
1248	1006	Stage DL-C: DL-C: Step 1	-359.8958	2.1153	-2.5712	0.3839	-14.1392	-1.8946
1250	1004	Stage DL-C: DL-C: Step 1	-486.0582	-0.9523	-4.4664	-0.8459	-16.4692	-2.3847
1250	1007	Stage DL-C: DL-C: Step 1	486.0582	1.7072	4.4664	0.8459	32.0664	-2.2553
1252	1006	Stage DL-C: DL-C: Step 1	312.4067	0.7268	-2.0335	-0.4163	14.1541	-0.4669

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1252	1009	Stage DL-C: DL-C: Step 1	-312.4067	2.1530	2.0335	0.4163	-7.0529	-1.9917
1253	1007	Stage DL-C: DL-C: Step 1	-421.5450	-1.0343	3.5279	-0.9552	-32.0625	-2.4397
1253	1010	Stage DL-C: DL-C: Step 1	421.5450	1.7912	-3.5279	0.9552	19.7628	-2.4857
1255	1009	Stage DL-C: DL-C: Step 1	261.8389	0.6871	-6.8318	-0.4173	7.0584	-0.5536
1255	1012	Stage DL-C: DL-C: Step 1	-261.8389	2.1824	6.8318	0.4173	16.7969	-2.0597
1256	1010	Stage DL-C: DL-C: Step 1	-356.4383	-0.7966	10.3728	-1.0342	-19.7677	-2.2297
1256	1013	Stage DL-C: DL-C: Step 1	356.4383	1.5065	-10.3728	1.0342	-16.4552	-1.9839
1262	1012	Stage DL-C: DL-C: Step 1	209.3125	0.6245	4.9677	-0.4568	-16.6052	-0.6241
1262	1015	Stage DL-C: DL-C: Step 1	-209.3125	2.2555	-4.9677	0.4568	-0.6804	-2.2247
1263	1013	Stage DL-C: DL-C: Step 1	-280.6076	-0.8625	-6.2223	-0.9485	16.0803	-1.9283
1263	1016	Stage DL-C: DL-C: Step 1	280.6076	1.8394	6.2223	0.9485	5.8696	-2.4750
1265	1015	Stage DL-C: DL-C: Step 1	151.7446	0.6400	1.2339	-0.4396	5.7126	-0.6491
1265	1018	Stage DL-C: DL-C: Step 1	-151.7446	2.2395	-1.2339	0.4396	-0.0216	-2.1436
1266	1018	Stage DL-C: DL-C: Step 1	-206.3614	-1.3798	-1.9027	-0.9885	-0.8912	-2.9303
1266	1019	Stage DL-C: DL-C: Step 1	206.3614	2.1367	1.9027	0.9885	12.3356	-3.2096
1268	1018	Stage DL-C: DL-C: Step 1	94.8676	0.5271	-0.2438	-0.4627	5.3392	-0.5847
1268	1021	Stage DL-C: DL-C: Step 1	-94.8676	2.5024	0.2438	0.4627	-4.1678	-2.9007
1269	1019	Stage DL-C: DL-C: Step 1	-123.8189	-1.3447	1.0273	-1.0345	-12.3546	-2.7882
1269	1022	Stage DL-C: DL-C: Step 1	123.8189	2.1019	-1.0273	1.0345	8.7672	-3.2189
1271	1021	Stage DL-C: DL-C: Step 1	27.2231	1.0029	-1.0725	-0.4161	4.1986	-0.2592
1271	1024	Stage DL-C: DL-C: Step 1	-27.2231	1.8768	1.0725	0.4161	-0.4535	-1.2865
1272	1022	Stage DL-C: DL-C: Step 1	-50.2871	-0.2303	2.5118	-1.0788	-8.7706	-2.1259
1272	1025	Stage DL-C: DL-C: Step 1	50.2871	0.9673	-2.5118	1.0788	0.0000	0.0000

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
788	858	Stage DL-C: DL-C: Step 1	15.0675	1.5091	0.6262	0.2528	0.7924	0.8185
788	861	Stage DL-C: DL-C: Step 1	-15.0675	1.1575	-0.6262	-0.2528	-2.8801	-0.2322
789	859	Stage DL-C: DL-C: Step 1	-15.4548	0.4833	-1.0729	0.4104	0.0000	0.0000
789	862	Stage DL-C: DL-C: Step 1	15.4548	0.0312	1.0729	-0.4104	5.5659	0.7513
791	861	Stage DL-C: DL-C: Step 1	59.5839	1.9429	0.2154	0.2851	2.8703	1.8179
791	864	Stage DL-C: DL-C: Step 1	-59.5839	0.7240	-0.2154	-0.2851	-3.5862	0.2067
792	862	Stage DL-C: DL-C: Step 1	-64.1330	1.0762	-0.6477	0.3770	-3.5677	1.5041

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
702	665	Stage DL-C: DL-C: Step 1	54.1330	-0.5617	0.6477	-0.3770	0.7401	1.2172
784	664	Stage DL-C: DL-C: Step 1	95.9109	1.7763	-0.7553	0.2545	3.0714	1.4307
794	667	Stage DL-C: DL-C: Step 1	-95.9109	0.6903	0.7553	-0.2545	-1.0815	0.0412
796	665	Stage DL-C: DL-C: Step 1	-106.2483	1.0705	0.8118	0.3533	-5.7253	1.4878
705	668	Stage DL-C: DL-C: Step 1	106.2483	-0.5610	-0.8119	-0.3533	3.0295	1.2313
797	667	Stage DL-C: DL-C: Step 1	131.1664	1.6821	-3.5863	0.2561	1.0468	1.3606
797	670	Stage DL-C: DL-C: Step 1	-131.1664	0.9845	3.5863	-0.2561	10.8708	-0.2018
798	668	Stage DL-C: DL-C: Step 1	-152.8028	0.6519	5.2156	0.3173	-3.0137	1.1909
798	671	Stage DL-C: DL-C: Step 1	152.8028	-0.3374	-5.2156	-0.3173	-7.6699	0.7963
804	670	Stage DL-C: DL-C: Step 1	169.4453	1.6476	4.4840	0.2497	-0.5488	1.1619
804	673	Stage DL-C: DL-C: Step 1	-169.4453	1.0180	-4.4840	-0.2497	-6.0850	-0.1176
805	671	Stage DL-C: DL-C: Step 1	-199.7454	0.8084	-6.4412	0.4239	9.0244	0.9210
805	674	Stage DL-C: DL-C: Step 1	199.7454	-0.2039	6.4412	-0.4239	12.3601	0.9103
807	673	Stage DL-C: DL-C: Step 1	196.8589	1.7206	1.2541	0.2422	5.0749	1.3467
807	676	Stage DL-C: DL-C: Step 1	-196.8589	0.9460	-1.2541	-0.2422	-9.2425	-0.0596
808	674	Stage DL-C: DL-C: Step 1	-240.3395	0.8103	-2.3255	0.3634	-12.3702	1.1844
808	677	Stage DL-C: DL-C: Step 1	240.3395	-0.3957	2.3255	-0.3634	20.0879	0.8958
810	676	Stage DL-C: DL-C: Step 1	220.1117	1.9982	-1.8014	0.2218	9.2292	1.2943
810	679	Stage DL-C: DL-C: Step 1	-220.1117	0.9704	1.8014	-0.2218	-3.9077	-0.0795
811	677	Stage DL-C: DL-C: Step 1	-279.7152	0.8545	2.5621	0.2959	-20.0844	1.0586
811	680	Stage DL-C: DL-C: Step 1	279.7152	-0.3400	-2.5621	-0.2959	11.5706	0.9282
813	679	Stage DL-C: DL-C: Step 1	253.1621	1.5819	-6.8049	0.2199	3.8827	1.1483
813	682	Stage DL-C: DL-C: Step 1	-253.1621	1.0847	6.8049	-0.2199	19.1199	-0.3202
814	680	Stage DL-C: DL-C: Step 1	-314.9730	0.7229	6.1723	0.2194	-11.5545	0.9031
814	683	Stage DL-C: DL-C: Step 1	314.9730	-0.2084	-6.1723	-0.2194	-15.6024	0.6441
820	682	Stage DL-C: DL-C: Step 1	279.8711	1.5837	7.5706	0.2105	-19.2184	1.0080
820	685	Stage DL-C: DL-C: Step 1	-279.8711	1.1029	-7.5706	-0.2105	-6.9592	-0.2423
821	683	Stage DL-C: DL-C: Step 1	-349.8013	0.8645	-10.5437	0.4032	16.7622	0.8645
821	686	Stage DL-C: DL-C: Step 1	349.8013	-0.1495	10.5437	-0.4032	19.2752	0.6872
823	685	Stage DL-C: DL-C: Step 1	301.7671	1.6122	1.8795	0.1985	6.8528	1.1376
823	688	Stage DL-C: DL-C: Step 1	-301.7671	1.0544	-1.8795	-0.1985	-13.5109	-0.2108
824	686	Stage DL-C: DL-C: Step 1	-379.8775	0.7342	-3.8854	0.3080	-18.2897	0.8534
824	689	Stage DL-C: DL-C: Step 1	379.8775	-0.2197	3.8854	-0.3080	30.4169	0.7315
826	688	Stage DL-C: DL-C: Step 1	322.8628	1.5962	-2.2130	0.1675	13.5004	1.0859

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
826	691	Stage DL-C: DL-C: Step 1	-322.8628	1.0784	2.2130	-0.1675	-6.1466	-0.2321
827	689	Stage DL-C: DL-C: Step 1	-407.9746	0.6726	3.7900	0.2104	-30.4062	0.7268
827	692	Stage DL-C: DL-C: Step 1	407.9746	-0.1581	-3.7900	-0.2104	17.8117	0.6536
829	691	Stage DL-C: DL-C: Step 1	341.7084	1.4927	-9.3401	0.1569	6.1331	0.9640
829	694	Stage DL-C: DL-C: Step 1	-341.7084	1.1759	9.3401	-0.1569	24.9046	-0.4349
830	692	Stage DL-C: DL-C: Step 1	-432.4271	0.5876	11.7441	0.1041	-17.7967	0.6182
830	695	Stage DL-C: DL-C: Step 1	432.4271	-0.0731	-11.7441	-0.1041	-21.2297	0.4787
836	694	Stage DL-C: DL-C: Step 1	359.8373	1.4774	9.7518	0.1515	-24.2102	0.8565
836	697	Stage DL-C: DL-C: Step 1	-359.8373	1.1882	-9.7518	-0.1515	-8.1957	-0.3771
837	695	Stage DL-C: DL-C: Step 1	-465.4672	0.5276	-13.3598	0.3441	22.1009	0.4371
837	698	Stage DL-C: DL-C: Step 1	465.4672	-0.0131	13.3598	-0.3441	22.2944	0.4812
839	697	Stage DL-C: DL-C: Step 1	373.3687	1.5062	2.4697	0.1361	8.1935	0.9416
839	700	Stage DL-C: DL-C: Step 1	-373.3687	1.1904	-2.4697	-0.1361	-16.4004	-0.3670
840	698	Stage DL-C: DL-C: Step 1	-474.8424	0.5571	-4.9527	0.2258	-22.2936	0.5309
840	701	Stage DL-C: DL-C: Step 1	474.8424	-0.0426	4.9527	-0.2258	37.4223	0.4658
842	700	Stage DL-C: DL-C: Step 1	386.0523	1.4851	-2.6165	0.0977	16.3836	0.8870
842	703	Stage DL-C: DL-C: Step 1	-386.0523	1.1815	2.6165	-0.0977	-7.6667	-0.3927
843	701	Stage DL-C: DL-C: Step 1	491.7278	0.4930	4.5896	0.1059	-37.4155	0.4157
843	704	Stage DL-C: DL-C: Step 1	491.7278	0.0219	-4.5896	-0.1059	22.1306	0.3727
845	703	Stage DL-C: DL-C: Step 1	396.5366	1.4039	-10.8403	0.0833	7.6891	0.7916
845	706	Stage DL-C: DL-C: Step 1	-396.5366	1.2927	10.8403	-0.0833	26.3349	-0.5570
846	704	Stage DL-C: DL-C: Step 1	-505.5079	0.4047	14.0488	-0.0197	-22.1184	0.3486
846	707	Stage DL-C: DL-C: Step 1	505.5079	0.0599	-14.0488	0.0197	-24.5665	0.3061
852	706	Stage DL-C: DL-C: Step 1	406.0396	1.3902	11.0295	0.0779	-27.9014	0.7114
852	709	Stage DL-C: DL-C: Step 1	-406.0396	1.2764	-11.0295	-0.0779	-8.7502	-0.5224
853	707	Stage DL-C: DL-C: Step 1	-516.6434	0.3939	-14.8860	0.2540	25.0803	0.2272
853	710	Stage DL-C: DL-C: Step 1	516.6434	0.1298	14.8860	-0.2540	24.3819	0.2268
855	709	Stage DL-C: DL-C: Step 1	411.1500	1.4007	2.7365	0.0612	8.7525	0.7548
855	712	Stage DL-C: DL-C: Step 1	-411.1500	1.2959	-2.7365	-0.0612	-17.8461	-0.5308
856	710	Stage DL-C: DL-C: Step 1	-525.4883	0.3801	-5.0053	0.1223	-24.3859	0.2201
856	713	Stage DL-C: DL-C: Step 1	525.4883	0.1344	5.0053	-0.1223	41.0187	0.1883
858	712	Stage DL-C: DL-C: Step 1	415.3494	1.3801	-2.7973	0.0190	17.8408	0.7169
858	715	Stage DL-C: DL-C: Step 1	-415.3494	1.2993	2.7973	-0.0190	-8.5482	-0.5618
859	713	Stage DL-C: DL-C: Step 1	-531.2026	0.3147	5.5100	-0.0053	-41.0184	0.1083

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
859	710	Stage DL-C: DL-C: Step 1	551.2028	0.1998	-0.0100	0.0063	24.3679	0.0829
861	715	Stage DL-C: DL-C: Step 1	417.4142	1.3155	-11.4106	0.0025	8.5415	0.0284
861	716	Stage DL-C: DL-C: Step 1	-417.4142	1.3511	11.4109	-0.0025	29.3777	-0.0975
862	716	Stage DL-C: DL-C: Step 1	-534.3978	0.0227	15.1119	-0.1424	-24.3993	0.0937
862	719	Stage DL-C: DL-C: Step 1	534.3978	0.1918	-15.1118	0.1424	-25.8581	0.1236
865	718	Stage DL-C: DL-C: Step 1	418.2696	1.3024	11.3880	-0.0029	-28.2356	0.5735
868	721	Stage DL-C: DL-C: Step 1	-418.2696	1.3842	-11.3880	0.0029	-8.6073	-0.6762
868	719	Stage DL-C: DL-C: Step 1	-533.6992	0.2523	-15.1468	0.1426	25.9600	0.0331
869	722	Stage DL-C: DL-C: Step 1	533.6992	0.2523	15.1468	-0.1426	24.3440	-0.0166
871	721	Stage DL-C: DL-C: Step 1	414.9648	1.2958	2.7773	-0.0193	8.6140	0.5775
871	724	Stage DL-C: DL-C: Step 1	-414.9648	1.3708	-2.7773	0.0193	-17.8452	-0.7020
872	723	Stage DL-C: DL-C: Step 1	-532.0037	0.2033	-5.0322	0.0083	-24.3527	-0.0791
872	725	Stage DL-C: DL-C: Step 1	532.0037	0.3112	5.0322	-0.0083	41.0751	-0.1002
874	724	Stage DL-C: DL-C: Step 1	410.6710	1.2752	-2.7547	-0.0615	17.8455	0.5457
874	727	Stage DL-C: DL-C: Step 1	-410.6710	1.3914	2.7547	0.0615	-8.6916	-0.7398
875	725	Stage DL-C: DL-C: Step 1	-526.6018	0.1380	5.0577	-0.1224	-41.0775	-0.1800
875	728	Stage DL-C: DL-C: Step 1	526.6018	0.3769	-5.0577	0.1224	24.4399	-0.2162
877	727	Stage DL-C: DL-C: Step 1	404.2818	1.2282	-11.0573	-0.0782	8.8893	0.4752
877	730	Stage DL-C: DL-C: Step 1	-404.2818	1.4364	11.0573	0.0782	28.2648	-0.8248
878	728	Stage DL-C: DL-C: Step 1	-519.3050	0.1912	14.9249	-0.2540	-24.4525	-0.1497
878	731	Stage DL-C: DL-C: Step 1	519.3050	0.3233	-14.9249	0.2540	-25.1839	-0.0899
884	730	Stage DL-C: DL-C: Step 1	396.5051	1.2146	10.8221	-0.0838	-28.2351	0.4443
884	733	Stage DL-C: DL-C: Step 1	-396.5051	1.4517	-10.8221	0.0838	-7.7595	-0.8376
885	731	Stage DL-C: DL-C: Step 1	-506.7642	0.1324	-14.1600	0.0200	24.9131	-0.1461
885	734	Stage DL-C: DL-C: Step 1	506.7642	0.3821	14.1600	-0.0200	22.1444	-0.2689
887	733	Stage DL-C: DL-C: Step 1	384.8532	1.1921	2.5950	-0.0981	7.7702	0.4106
887	736	Stage DL-C: DL-C: Step 1	-384.8532	1.4745	-2.5950	0.0981	-16.3694	-0.8798
888	734	Stage DL-C: DL-C: Step 1	-494.6727	0.0273	-4.6453	-0.1059	-22.1569	-0.3603
888	737	Stage DL-C: DL-C: Step 1	494.6727	0.4872	4.6453	0.1059	37.5936	-0.3987
890	736	Stage DL-C: DL-C: Step 1	372.1100	1.1710	-2.4952	-0.1366	16.4052	0.3839
890	739	Stage DL-C: DL-C: Step 1	-372.1100	1.4956	2.4952	0.1366	-8.1417	-0.8231
891	737	Stage DL-C: DL-C: Step 1	-478.2530	-0.0364	4.5876	-0.2260	-37.6005	-0.4533
891	740	Stage DL-C: DL-C: Step 1	478.2530	0.5509	-4.5876	0.2260	22.3557	-0.5229
893	739	Stage DL-C: DL-C: Step 1	357.2988	1.1425	-8.7599	-0.1515	8.1439	0.3330

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
893	742	Stage DL-C: DL-C: Step 1	-357.2988	1.5241	8.7599	0.1515	24.3686	-0.9669
894	740	Stage DL-C: DL-C: Step 1	-460.5852	0.0600	13.4906	-0.3441	-22.3564	-0.3602
894	743	Stage DL-C: DL-C: Step 1	460.5852	0.4548	-13.4906	0.3441	-22.4795	-0.2764
900	742	Stage DL-C: DL-C: Step 1	340.9522	1.1282	9.3312	-0.1577	-24.7946	0.3292
900	745	Stage DL-C: DL-C: Step 1	-340.9522	1.5364	-9.3312	0.1577	-6.2136	-1.0064
901	743	Stage DL-C: DL-C: Step 1	-436.3942	0.0043	-11.9676	-0.1033	21.8722	-0.3113
901	746	Stage DL-C: DL-C: Step 1	436.3942	0.5102	11.9676	0.1033	17.8868	-0.5294
903	745	Stage DL-C: DL-C: Step 1	321.0696	1.0896	2.1689	-0.1679	6.2273	0.2543
903	748	Stage DL-C: DL-C: Step 1	-321.0696	1.5775	-2.1689	0.1679	-13.5011	-1.0640
904	746	Stage DL-C: DL-C: Step 1	-413.9672	-0.1470	-3.8777	-0.2101	-17.9120	-0.6377
904	749	Stage DL-C: DL-C: Step 1	413.9672	0.6815	3.8777	0.2101	30.7978	-0.7055
906	748	Stage DL-C: DL-C: Step 1	300.0251	1.0479	-1.9821	-0.1967	13.5117	0.2318
906	751	Stage DL-C: DL-C: Step 1	-300.0251	1.5988	1.9821	0.1967	-6.8920	-1.1142
907	749	Stage DL-C: DL-C: Step 1	-386.8881	-0.2078	3.7262	-0.3093	-30.8085	-0.7102
907	752	Stage DL-C: DL-C: Step 1	386.8881	0.7223	-3.7262	0.3093	18.4262	-0.8351
909	751	Stage DL-C: DL-C: Step 1	276.9172	1.0091	-7.6298	-0.2103	6.8984	0.2023
909	754	Stage DL-C: DL-C: Step 1	-276.9172	1.6075	7.6298	0.2103	18.4560	-1.1135
910	752	Stage DL-C: DL-C: Step 1	-358.8122	-0.0708	10.7960	-0.4036	-18.4315	-0.5973
910	755	Stage DL-C: DL-C: Step 1	358.8122	0.5953	-10.7960	0.4036	-17.4441	-0.4628
916	754	Stage DL-C: DL-C: Step 1	252.1541	1.0426	6.8368	-0.2176	-18.0626	0.2181
916	757	Stage DL-C: DL-C: Step 1	-252.1541	1.6240	-6.8368	0.2176	-3.5890	-1.1922
917	755	Stage DL-C: DL-C: Step 1	-323.2013	-0.1220	-8.5041	-0.2181	18.5614	-0.4631
917	758	Stage DL-C: DL-C: Step 1	323.2013	0.6365	8.5041	0.2181	11.6881	-0.7973
919	757	Stage DL-C: DL-C: Step 1	224.3675	0.9879	1.5758	-0.2222	4.0043	0.1071
919	760	Stage DL-C: DL-C: Step 1	-224.3675	1.6767	-1.5758	0.2222	-6.2407	-1.2550
920	758	Stage DL-C: DL-C: Step 1	-290.5878	-0.3189	-2.9513	-0.2952	-11.7145	-0.8544
920	761	Stage DL-C: DL-C: Step 1	290.5878	0.8334	2.9513	0.2952	25.5250	-1.0200
922	760	Stage DL-C: DL-C: Step 1	195.2310	0.9834	-1.2603	-0.2420	9.2546	0.0869
922	763	Stage DL-C: DL-C: Step 1	-195.2310	1.7032	1.2603	0.2420	-5.0990	-1.3161
923	761	Stage DL-C: DL-C: Step 1	-252.6625	-0.3733	2.5146	-0.3833	-20.5385	-0.9477
923	764	Stage DL-C: DL-C: Step 1	252.6625	0.8878	-2.5146	0.3833	12.1817	-1.1479
925	763	Stage DL-C: DL-C: Step 1	164.1015	0.9788	-4.5962	-0.2485	5.0759	0.0832
925	766	Stage DL-C: DL-C: Step 1	-164.1015	1.6878	4.5962	0.2485	10.1978	-1.2611
926	764	Stage DL-C: DL-C: Step 1	-214.8982	-0.3044	5.9461	-0.4234	-12.1912	-0.9035

RESULT : Member End Forces (Local)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
928	767	Stage DL-C: DL-C: Step 1	214.8362	0.7188	-8.9461	0.4234	-10.8911	-0.7305
932	768	Stage DL-C: DL-C: Step 1	131.2023	0.9463	3.6303	-0.2575	-10.8139	0.1030
932	769	Stage DL-C: DL-C: Step 1	-131.2023	1.7203	-3.6303	0.2575	-1.1488	-1.3690
933	767	Stage DL-C: DL-C: Step 1	-168.0590	-0.2391	-4.0485	-0.3136	9.8389	-0.5941
933	770	Stage DL-C: DL-C: Step 1	168.0590	0.7526	4.0485	0.3136	5.8184	-1.0519
935	769	Stage DL-C: DL-C: Step 1	95.8441	0.9097	0.7163	-0.2541	1.1692	-0.0992
935	772	Stage DL-C: DL-C: Step 1	-95.8441	1.7569	-0.7163	0.2541	-3.5455	-1.3983
936	770	Stage DL-C: DL-C: Step 1	-125.1050	-0.5226	-1.2359	-0.3515	-3.8321	-1.1736
936	773	Stage DL-C: DL-C: Step 1	125.1050	1.0371	1.2359	0.3515	7.7290	-1.4178
938	772	Stage DL-C: DL-C: Step 1	60.5702	0.7466	-0.2404	-0.2647	3.5605	-0.1732
938	775	Stage DL-C: DL-C: Step 1	-46.5702	1.9200	0.2404	0.2647	-2.7818	-1.7765
939	773	Stage DL-C: DL-C: Step 1	-75.5495	-0.5235	0.6875	-0.3788	-7.7543	-1.7548
939	776	Stage DL-C: DL-C: Step 1	75.5495	1.0360	-0.6875	0.3788	5.4898	-1.4398
941	775	Stage DL-C: DL-C: Step 1	17.2163	1.1128	-0.6809	-0.2469	2.7199	0.1882
941	778	Stage DL-C: DL-C: Step 1	-17.2163	1.5536	0.6809	0.2469	-0.5081	-0.8220
942	776	Stage DL-C: DL-C: Step 1	-33.8281	0.0417	1.6408	-0.4099	-5.4523	-0.7141
942	779	Stage DL-C: DL-C: Step 1	33.8281	0.4728	-1.6408	0.4099	0.0000	0.0000

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1448	0	Stage DL-C: DL-	-1.8823	1.1595	0.7232	-4.4981	-4.0879	0.0000	0.0000	-4.4981
1448	1	Stage DL-C: DL-	-1.8823	-3.3470	-2.8078	-0.0176	-0.5568	0.0000	0.0000	-3.3470
1449	0	Stage DL-C: DL-	0.2410	0.2410	0.2410	0.2410	0.2410	0.0000	0.0000	0.2410
1449	1	Stage DL-C: DL-	0.2410	-3.5828	-4.3933	3.8645	4.8753	0.0000	0.0000	4.8753
1451	0	Stage DL-C: DL-	-4.8227	1.0193	1.5586	-9.0647	-9.6052	0.0000	0.0000	-9.6052
1451	1	Stage DL-C: DL-	-4.8227	-7.8410	-8.5741	-0.2044	-1.4713	0.0000	0.0000	-7.8410
1452	0	Stage DL-C: DL-	2.8253	6.9712	5.9289	-1.3206	-0.2782	0.0000	0.0000	6.9712
1452	1	Stage DL-C: DL-	2.8253	0.7342	-0.7968	4.8165	5.4475	0.0000	0.0000	5.4475
1454	0	Stage DL-C: DL-	-9.2939	-3.2146	-1.9509	-8.5733	-10.6369	0.0000	0.0000	-10.6369
1454	1	Stage DL-C: DL-	-9.2939	-8.6950	-8.8645	-3.8929	-3.7234	0.0000	0.0000	-8.8645
1455	0	Stage DL-C: DL-	4.7249	8.3169	6.7873	1.1329	2.9624	0.0000	0.0000	8.3169
1455	1	Stage DL-C: DL-	4.7249	2.2880	1.4792	7.1617	7.9705	0.0000	0.0000	7.9705
1457	0	Stage DL-C: DL-	-6.8323	-4.5098	-4.6840	-12.7548	-12.5806	0.0000	0.0000	-12.7548

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1457	1	Stage DL-C: DL-	-6.8323	-6.6572	-13.3816	-6.6074	-3.8730	0.0000	0.0000	-13.3816
1458	0	Stage DL-C: DL-	6.4244	9.0726	8.2459	3.7762	4.5830	0.0000	0.0000	9.0726
1458	1	Stage DL-C: DL-	6.4244	3.1399	4.8091	9.7089	8.0397	0.0000	0.0000	9.7089
1464	0	Stage DL-C: DL-	-10.9098	-5.0869	-9.8074	-16.7327	-12.0123	0.0000	0.0000	-16.7327
1464	1	Stage DL-C: DL-	-10.9098	-14.2049	-12.2312	-7.8148	-9.5984	0.0000	0.0000	-14.2049
1465	0	Stage DL-C: DL-	8.0364	9.2536	10.9722	6.8162	5.1006	0.0000	0.0000	10.9722
1465	1	Stage DL-C: DL-	8.0364	8.7113	4.3646	9.3614	11.7081	0.0000	0.0000	11.7081
1467	0	Stage DL-C: DL-	-12.8714	-10.3586	-8.3846	-15.5847	-17.5081	0.0000	0.0000	-17.5081
1467	1	Stage DL-C: DL-	-12.8714	-17.3788	-13.2571	-8.5639	-12.6856	0.0000	0.0000	-17.3788
1468	0	Stage DL-C: DL-	9.5516	12.7504	10.4036	6.3529	8.6864	0.0000	0.0000	12.7504
1468	1	Stage DL-C: DL-	9.5516	8.8954	5.2383	10.2078	13.8650	0.0000	0.0000	13.8650
1470	0	Stage DL-C: DL-	-14.9788	-13.6420	-8.5240	-16.3155	-20.4336	0.0000	0.0000	-20.4336
1470	1	Stage DL-C: DL-	-14.9788	-17.8448	-18.8544	-12.1127	-13.3031	0.0000	0.0000	-17.8448
1471	0	Stage DL-C: DL-	11.0089	14.7015	11.0460	7.3123	10.9679	0.0000	0.0000	14.7015
1471	1	Stage DL-C: DL-	11.0089	9.4052	7.6545	12.6098	14.3593	0.0000	0.0000	14.3593
1473	0	Stage DL-C: DL-	-16.8798	-14.3475	-13.1644	-19.4120	-20.5951	0.0000	0.0000	-20.5951
1473	1	Stage DL-C: DL-	-16.8798	-14.5363	-23.0167	-10.2252	-10.7428	0.0000	0.0000	-23.0167
1474	0	Stage DL-C: DL-	12.3940	14.9452	13.1076	9.8428	11.5864	0.0000	0.0000	14.9452
1474	1	Stage DL-C: DL-	12.3940	8.1965	12.0209	16.5915	12.7671	0.0000	0.0000	16.5915
1480	0	Stage DL-C: DL-	-18.6743	-11.8074	-20.2760	-25.5413	-17.9727	0.0000	0.0000	-25.5413
1480	1	Stage DL-C: DL-	-18.6743	-21.8616	-16.9790	-15.4871	-18.3696	0.0000	0.0000	-21.8616
1481	0	Stage DL-C: DL-	13.8628	13.0128	16.8755	14.3125	10.4487	0.0000	0.0000	16.8755
1481	1	Stage DL-C: DL-	13.8628	12.9561	10.0943	14.3691	17.2310	0.0000	0.0000	17.2310
1483	0	Stage DL-C: DL-	-20.2272	-16.3679	-16.1029	-21.4664	-24.3515	0.0000	0.0000	-24.3515
1483	1	Stage DL-C: DL-	-20.2272	-25.1382	-16.7992	-15.3182	-21.6881	0.0000	0.0000	-25.1382
1484	0	Stage DL-C: DL-	14.7994	17.4805	14.6177	12.1182	14.9811	0.0000	0.0000	17.4805
1484	1	Stage DL-C: DL-	14.7994	15.2496	10.1156	14.3469	19.4832	0.0000	0.0000	19.4832
1486	0	Stage DL-C: DL-	-21.7205	-22.4023	-19.0532	-21.0387	-27.3877	0.0000	0.0000	-27.3877
1486	1	Stage DL-C: DL-	-21.7205	-24.4629	-22.2588	-18.9780	-21.1821	0.0000	0.0000	-24.4629
1487	0	Stage DL-C: DL-	15.8776	19.5507	14.4177	12.2045	17.3375	0.0000	0.0000	19.5507
1487	1	Stage DL-C: DL-	15.8776	15.0905	12.4783	16.8648	19.2770	0.0000	0.0000	19.2770
1489	0	Stage DL-C: DL-	-23.1140	-21.9536	-19.7579	-24.2744	-26.4701	0.0000	0.0000	-26.4701
1489	1	Stage DL-C: DL-	-23.1140	-18.8822	-30.1783	-27.5358	-16.0516	0.0000	0.0000	-30.1783
1490	0	Stage DL-C: DL-	16.8690	19.1340	16.5253	14.6440	17.3527	0.0000	0.0000	19.1340

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1490	1	Stage DL+C DL+	18.8890	12.4552	17.4856	21.3229	16.2824	0.0000	0.0000	21.3229
1496	0	Stage DL+C DL+	-24.3540	-16.8007	-28.5540	-31.8473	-20.3739	0.0000	0.0000	-31.8473
1496	1	Stage DL+C DL+	-24.3540	-27.0741	-23.7508	-21.5338	-24.9570	0.0000	0.0000	-27.0741
1497	0	Stage DL+C DL+	17.7605	15.7549	20.8230	19.7880	14.6879	0.0000	0.0000	20.8230
1497	1	Stage DL+C DL+	17.7605	17.8118	14.3554	17.7094	21.1955	0.0000	0.0000	21.1955
1498	0	Stage DL+C DL+	-25.3436	-25.2686	-21.9405	-25.4186	-28.7467	0.0000	0.0000	-28.7467
1498	1	Stage DL+C DL+	-25.3436	-30.2553	-22.4507	-20.4319	-28.2365	0.0000	0.0000	-30.2553
1500	0	Stage DL+C DL+	18.4819	20.6766	17.2184	16.2872	18.7453	0.0000	0.0000	20.6766
1500	1	Stage DL+C DL+	18.4819	20.0122	13.6878	15.9515	23.2981	0.0000	0.0000	23.2981
1502	0	Stage DL+C DL+	-26.2836	-28.4020	-25.7993	-23.9293	-31.7320	0.0000	0.0000	-31.7320
1502	1	Stage DL+C DL+	-26.2836	-26.8212	-25.8992	-23.9101	-28.8321	0.0000	0.0000	-28.8212
1503	0	Stage DL+C DL+	19.1438	22.6520	16.3382	15.6305	21.8494	0.0000	0.0000	22.6520
1503	1	Stage DL+C DL+	19.1438	19.2050	15.9068	19.0825	22.3788	0.0000	0.0000	22.3788
1505	0	Stage DL+C DL+	-27.0640	-27.1772	-24.2638	-27.0126	-29.9241	0.0000	0.0000	-29.9241
1505	1	Stage DL+C DL+	-27.0640	-21.0720	-34.3804	-33.1160	-16.7678	0.0000	0.0000	-34.3804
1506	0	Stage DL+C DL+	19.7409	21.5983	18.3256	17.6835	21.1762	0.0000	0.0000	21.5983
1506	1	Stage DL+C DL+	19.7409	15.4060	21.2146	24.0739	18.2670	0.0000	0.0000	24.0739
1512	0	Stage DL+C DL+	-27.7300	-20.1632	-33.4973	-35.2768	-21.9625	0.0000	0.0000	-35.2768
1512	1	Stage DL+C DL+	-27.7300	-29.7598	-26.2750	-25.7004	-28.1000	0.0000	0.0000	-28.7598
1513	0	Stage DL+C DL+	20.1828	17.6815	22.9023	23.2842	17.4634	0.0000	0.0000	23.2842
1513	1	Stage DL+C DL+	20.1828	20.6252	17.2357	19.4405	23.1900	0.0000	0.0000	23.1900
1515	0	Stage DL+C DL+	-28.1196	-29.0645	-25.5882	-27.1746	-30.6710	0.0000	0.0000	-30.6710
1515	1	Stage DL+C DL+	-28.1196	-32.5894	-24.0379	-23.6498	-32.2013	0.0000	0.0000	-32.5894
1516	0	Stage DL+C DL+	20.4653	22.0382	18.5180	18.8923	22.8145	0.0000	0.0000	22.8145
1516	1	Stage DL+C DL+	20.4653	22.8628	15.8756	18.0477	24.9549	0.0000	0.0000	24.9549
1518	0	Stage DL+C DL+	-29.4338	-32.3626	-23.5117	-24.8649	-33.3958	0.0000	0.0000	-33.3958
1518	1	Stage DL+C DL+	-29.4338	-30.1733	-26.8124	-26.6942	-30.0031	0.0000	0.0000	-30.1733
1519	0	Stage DL+C DL+	20.6865	23.7649	16.4579	17.6080	24.5150	0.0000	0.0000	24.5150
1519	1	Stage DL+C DL+	20.6865	21.5469	17.8768	19.8201	23.4961	0.0000	0.0000	23.4961
1521	0	Stage DL+C DL+	-29.6915	-29.5384	-29.4858	-27.4846	-32.8374	0.0000	0.0000	-32.8374
1521	1	Stage DL+C DL+	-29.6915	-21.5809	-35.5016	-35.7624	-21.8214	0.0000	0.0000	-35.7624
1522	0	Stage DL+C DL+	20.8452	22.1923	18.5258	19.4978	23.1945	0.0000	0.0000	23.1945
1522	1	Stage DL+C DL+	20.8452	18.9685	23.0303	24.7236	18.6599	0.0000	0.0000	24.7236
1528	0	Stage DL+C DL+	-29.6679	-21.6360	-35.5819	-35.6999	-21.7539	0.0000	0.0000	-35.6999

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1528	1	Stage DL+C DL+	-29.6679	-29.7902	-26.4399	-27.5457	-30.8960	0.0000	0.0000	-30.8960
1529	0	Stage DL+C DL+	20.8407	16.8035	23.0183	24.7259	18.8630	0.0000	0.0000	24.7259
1529	1	Stage DL+C DL+	20.8407	22.1954	18.5315	19.4868	23.1499	0.0000	0.0000	23.1499
1531	0	Stage DL+C DL+	-29.4444	-30.2207	-26.8623	-26.8681	-30.0264	0.0000	0.0000	-30.2207
1531	1	Stage DL+C DL+	-29.4444	-32.0334	-23.4815	-24.9054	-33.4073	0.0000	0.0000	-33.4073
1532	0	Stage DL+C DL+	20.6757	21.5242	17.8589	19.8272	23.4944	0.0000	0.0000	23.4944
1532	1	Stage DL+C DL+	20.6757	23.7634	16.5600	17.5880	24.4913	0.0000	0.0000	24.4913
1534	0	Stage DL+C DL+	-29.1382	-32.6480	-24.0996	-25.6272	-32.1798	0.0000	0.0000	-32.6480
1534	1	Stage DL+C DL+	-29.1382	-29.0471	-29.5459	-27.2293	-30.7305	0.0000	0.0000	-30.7305
1535	0	Stage DL+C DL+	20.4472	22.8524	15.9498	18.0421	24.9457	0.0000	0.0000	24.9457
1535	1	Stage DL+C DL+	20.4472	22.0504	18.3074	18.8641	22.5871	0.0000	0.0000	22.5871
1537	0	Stage DL+C DL+	-27.7527	-29.8360	-26.3436	-25.8674	-29.1619	0.0000	0.0000	-29.8360
1537	1	Stage DL+C DL+	-27.7527	-25.1318	-33.4516	-35.3735	-22.0538	0.0000	0.0000	-35.3735
1538	0	Stage DL+C DL+	20.1586	20.8024	17.1721	19.4248	23.1450	0.0000	0.0000	23.1450
1538	1	Stage DL+C DL+	20.1586	17.0714	22.6786	23.2458	17.4388	0.0000	0.0000	23.2458
1544	0	Stage DL+C DL+	-27.1287	-21.1725	-34.5064	-33.0848	-16.7509	0.0000	0.0000	-34.5064
1544	1	Stage DL+C DL+	-27.1287	-27.1561	-24.2433	-27.1013	-30.0140	0.0000	0.0000	-30.0140
1545	0	Stage DL+C DL+	19.7072	15.3732	21.1645	24.0411	18.2499	0.0000	0.0000	24.0411
1545	1	Stage DL+C DL+	19.7072	21.5719	18.2860	17.8424	21.1284	0.0000	0.0000	21.5719
1547	0	Stage DL+C DL+	-26.3024	-28.6968	-25.7754	-23.9681	-28.8295	0.0000	0.0000	-28.8968
1547	1	Stage DL+C DL+	-26.3024	-26.5982	-25.7938	-24.0060	-31.8110	0.0000	0.0000	-31.8110
1548	0	Stage DL+C DL+	19.1020	19.1486	15.8570	16.0575	22.3470	0.0000	0.0000	22.3470
1548	1	Stage DL+C DL+	19.1020	22.6171	16.3177	15.5868	21.8864	0.0000	0.0000	22.6171
1550	0	Stage DL+C DL+	-25.3898	-30.3407	-22.5344	-25.4325	-28.2387	0.0000	0.0000	-30.3407
1550	1	Stage DL+C DL+	-25.3898	-25.2743	-21.9412	-25.4688	-28.8320	0.0000	0.0000	-28.8320
1551	0	Stage DL+C DL+	18.4312	19.9418	13.8415	16.9207	23.2210	0.0000	0.0000	23.2210
1551	1	Stage DL+C DL+	18.4312	20.6359	17.1816	16.2270	19.6807	0.0000	0.0000	20.6359
1553	0	Stage DL+C DL+	-24.3686	-27.1748	-23.8465	-21.8223	-24.9506	0.0000	0.0000	-27.1748
1553	1	Stage DL+C DL+	-24.3686	-16.8285	-28.3122	-31.9686	-20.4640	0.0000	0.0000	-31.9686
1554	0	Stage DL+C DL+	17.7023	17.7401	14.2883	17.8645	21.1182	0.0000	0.0000	21.1182
1554	1	Stage DL+C DL+	17.7023	15.7199	20.7612	19.6646	14.6453	0.0000	0.0000	20.7612
1560	0	Stage DL+C DL+	-23.1677	-16.8094	-30.3143	-27.5260	-16.0211	0.0000	0.0000	-30.3143
1560	1	Stage DL+C DL+	-23.1677	-21.9507	-19.7572	-24.3847	-26.5782	0.0000	0.0000	-26.5782
1561	0	Stage DL+C DL+	19.3196	12.3996	17.4013	21.2486	16.2378	0.0000	0.0000	21.2486

RESULT : Member Stresses

Member	Station	Result Case	(FIA) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1561	1	Stage DL-C: DL-	18.8196	19.0710	18.4703	14.5682	17.1629	0.0000	0.0000	19.0710
1563	0	Stage DL-C: DL-	-21.7725	-24.5507	-22.3466	-16.9643	-21.1861	0.0000	0.0000	-24.5507
1563	1	Stage DL-C: DL-	-21.7725	-22.4139	-16.0666	-21.1311	-27.4784	0.0000	0.0000	-27.4784
1564	0	Stage DL-C: DL-	15.7982	14.9876	12.3894	16.8056	19.2070	0.0000	0.0000	19.2070
1564	1	Stage DL-C: DL-	15.7982	19.4747	14.3702	12.1218	17.2262	0.0000	0.0000	19.4747
1566	0	Stage DL-C: DL-	-20.2809	-25.2293	-19.8790	-15.3326	-21.6828	0.0000	0.0000	-25.2293
1566	1	Stage DL-C: DL-	-20.2809	-19.0000	-16.1203	-21.5568	-24.4415	0.0000	0.0000	-24.4415
1567	0	Stage DL-C: DL-	14.7092	15.1305	10.0248	14.2876	19.3935	0.0000	0.0000	19.3935
1567	1	Stage DL-C: DL-	14.7092	17.3998	14.5480	12.0185	14.8703	0.0000	0.0000	17.3998
1569	0	Stage DL-C: DL-	-18.7243	-21.9590	-19.0768	-15.4697	-18.3719	0.0000	0.0000	-21.9590
1569	1	Stage DL-C: DL-	-18.7243	-11.7905	-20.2807	-25.6582	-17.1882	0.0000	0.0000	-25.6582
1570	0	Stage DL-C: DL-	13.5630	12.8375	8.8866	14.2885	17.1393	0.0000	0.0000	17.1393
1570	1	Stage DL-C: DL-	13.5630	12.8471	10.7676	14.1789	10.3584	0.0000	0.0000	16.7676
1576	0	Stage DL-C: DL-	-16.9340	-14.6475	-23.1415	-19.2206	-10.7389	0.0000	0.0000	-23.1410
1576	1	Stage DL-C: DL-	-16.9340	-14.3506	-13.1805	-19.5174	-20.6874	0.0000	0.0000	-20.6874
1577	0	Stage DL-C: DL-	13.2822	9.0997	11.8794	16.4647	12.6850	0.0000	0.0000	16.4647
1577	1	Stage DL-C: DL-	12.2822	14.8350	13.1097	9.7294	11.4547	0.0000	0.0000	14.8350
1579	0	Stage DL-C: DL-	-15.0252	-17.9074	-16.7301	-12.1450	-13.3224	0.0000	0.0000	-17.9074
1579	1	Stage DL-C: DL-	-15.0252	-13.0563	-8.5551	-16.3961	-20.4973	0.0000	0.0000	-20.4973
1580	0	Stage DL-C: DL-	10.8858	9.2571	7.5288	12.5141	14.2425	0.0000	0.0000	14.2425
1580	1	Stage DL-C: DL-	10.8858	14.5702	10.9650	7.1991	10.9053	0.0000	0.0000	14.5702
1582	0	Stage DL-C: DL-	-13.0141	-17.4330	-13.5291	-8.5951	-12.7000	0.0000	0.0000	-17.4330
1582	1	Stage DL-C: DL-	-13.0141	-10.3718	-8.4195	-15.6563	-17.6087	0.0000	0.0000	-17.6087
1583	0	Stage DL-C: DL-	8.4200	8.7279	5.1167	10.1125	13.7233	0.0000	0.0000	13.7233
1583	1	Stage DL-C: DL-	8.4200	12.8221	10.2996	6.2179	8.5404	0.0000	0.0000	12.8221
1585	0	Stage DL-C: DL-	-10.9406	-14.2515	-12.2988	-7.8297	-8.5824	0.0000	0.0000	-14.2515
1585	1	Stage DL-C: DL-	-10.9406	-5.0791	-8.7892	-16.8081	-12.3921	0.0000	0.0000	-16.8081
1586	0	Stage DL-C: DL-	7.8958	6.5469	4.2342	9.2448	11.5673	0.0000	0.0000	11.5673
1586	1	Stage DL-C: DL-	7.8958	8.1495	10.8203	6.6420	6.9712	0.0000	0.0000	10.8203
1592	0	Stage DL-C: DL-	-8.8611	-8.7151	-13.4804	-8.8071	-5.8618	0.0000	0.0000	-13.4804
1592	1	Stage DL-C: DL-	-8.8611	-4.5084	-4.7132	-12.8138	-12.8089	0.0000	0.0000	-12.8138
1593	0	Stage DL-C: DL-	6.2750	5.0236	4.6418	9.5264	7.9083	0.0000	0.0000	9.5264
1593	1	Stage DL-C: DL-	6.2750	8.8995	8.1346	3.6506	4.4155	0.0000	0.0000	8.8995
1595	0	Stage DL-C: DL-	-6.3153	-6.6927	-8.6828	-3.8377	-3.7375	0.0000	0.0000	-8.6828

RESULT : Member Stresses

Member	Station	Result Case	(FIA) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1595	1	Stage DL-C: DL-	-6.3152	-5.2244	-1.9826	-9.4059	-10.6478	0.0000	0.0000	-10.6478
1596	0	Stage DL-C: DL-	4.5703	2.0940	1.3270	7.0465	7.8135	0.0000	0.0000	7.8135
1596	1	Stage DL-C: DL-	4.5703	6.1990	6.7189	0.8715	2.4206	0.0000	0.0000	6.1990
1598	0	Stage DL-C: DL-	-4.0379	-7.9543	-6.6091	-0.2214	-1.4984	0.0000	0.0000	-7.9543
1598	1	Stage DL-C: DL-	-4.0379	1.0097	1.5844	-9.0854	-8.6401	0.0000	0.0000	-8.6401
1599	0	Stage DL-C: DL-	2.6765	0.6176	-0.8330	4.7363	5.1599	0.0000	0.0000	5.1599
1599	1	Stage DL-C: DL-	2.6765	5.5996	5.8221	-1.3429	-0.2952	0.0000	0.0000	5.5996
1601	0	Stage DL-C: DL-	-1.5817	-3.2996	-2.7366	0.1295	-0.4274	0.0000	0.0000	-3.2996
1601	1	Stage DL-C: DL-	-1.5817	1.2688	1.0064	-4.4323	-4.1699	0.0000	0.0000	-4.4323
1602	0	Stage DL-C: DL-	0.2160	-3.2633	-4.2136	3.6954	4.6457	0.0000	0.0000	4.6457
1602	1	Stage DL-C: DL-	0.2160	0.2160	0.2160	0.2160	0.2160	0.0000	0.0000	0.2160

RESULT : Member Stresses

Member	Station	Result Case	(FIA) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1118	0	Stage DL-C: DL-	-0.8612	0.3761	0.8517	-2.1385	-2.8141	0.0000	0.0000	-2.8141
1118	1	Stage DL-C: DL-	-0.8612	-1.8265	-0.5291	-0.1359	-1.2335	0.0000	0.0000	-1.8265
1119	0	Stage DL-C: DL-	0.8420	0.8420	0.8420	0.8420	0.8420	0.0000	0.0000	0.8420
1119	1	Stage DL-C: DL-	0.8420	-0.8182	-1.8125	2.1023	2.8965	0.0000	0.0000	2.8965
1121	0	Stage DL-C: DL-	-3.1390	1.0881	2.1831	-7.3462	-8.4411	0.0000	0.0000	-8.4411
1121	1	Stage DL-C: DL-	-3.1390	-5.4234	-4.1882	-2.0896	-2.0899	0.0000	0.0000	-5.4234
1122	0	Stage DL-C: DL-	2.2054	5.4205	4.8239	-1.0697	-0.2130	0.0000	0.0000	5.4205
1122	1	Stage DL-C: DL-	2.2054	0.3647	-0.8222	4.9490	5.2330	0.0000	0.0000	5.2330
1124	0	Stage DL-C: DL-	-5.0621	-2.1569	-0.9209	-7.9672	-9.1982	0.0000	0.0000	-9.1982
1124	1	Stage DL-C: DL-	-5.0621	-6.2472	-6.1580	-3.8770	-3.9061	0.0000	0.0000	-6.2472
1125	0	Stage DL-C: DL-	3.9379	7.2953	6.1064	0.5904	1.7754	0.0000	0.0000	7.2953
1125	1	Stage DL-C: DL-	3.9379	1.7438	1.1325	6.1320	6.7433	0.0000	0.0000	6.7433
1127	0	Stage DL-C: DL-	-6.9414	-3.5604	-3.4760	-10.3224	-10.4088	0.0000	0.0000	-10.4088
1127	1	Stage DL-C: DL-	-6.9414	-8.5237	-8.5055	-5.3591	-4.3273	0.0000	0.0000	-8.5055
1128	0	Stage DL-C: DL-	5.5375	8.1329	7.5240	2.9420	3.5510	0.0000	0.0000	8.1329
1128	1	Stage DL-C: DL-	5.5375	2.7945	4.2495	8.2805	8.8254	0.0000	0.0000	8.2805
1134	0	Stage DL-C: DL-	-8.8119	-4.0650	-7.8468	-13.5588	-9.7770	0.0000	0.0000	-13.5588
1134	1	Stage DL-C: DL-	-8.8119	-10.4063	-8.8787	-7.2175	-8.8451	0.0000	0.0000	-10.4063
1135	0	Stage DL-C: DL-	7.0543	8.1973	9.8155	5.9114	4.2931	0.0000	0.0000	9.8155

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1135	1	Stage DL+C DL+	7.0543	6.0533	3.9595	8.0554	10.1491	0.0000	0.0000	10.1491
1137	0	Stage DL+C DL+	-10.4300	-8.0271	-6.3010	-12.8330	-14.5591	0.0000	0.0000	-14.5591
1137	1	Stage DL+C DL+	-10.4300	-12.9890	-8.5991	-7.8711	-11.2809	0.0000	0.0000	-12.9890
1138	0	Stage DL+C DL+	8.4486	11.6022	9.5090	5.2909	7.3841	0.0000	0.0000	11.6022
1138	1	Stage DL+C DL+	8.4486	8.0530	4.6909	8.8401	12.2022	0.0000	0.0000	12.2022
1140	0	Stage DL+C DL+	-12.0241	-10.6188	-7.2317	-13.4302	-16.8165	0.0000	0.0000	-16.8165
1140	1	Stage DL+C DL+	-12.0241	-13.4188	-12.2667	-10.6313	-11.7815	0.0000	0.0000	-13.4188
1141	0	Stage DL+C DL+	9.7786	13.3769	10.0164	6.1823	9.5427	0.0000	0.0000	13.3769
1141	1	Stage DL+C DL+	9.7786	8.8486	6.8937	10.8095	12.6854	0.0000	0.0000	12.6854
1143	0	Stage DL+C DL+	-13.5061	-11.3920	-10.1876	-15.9802	-16.8247	0.0000	0.0000	-16.8247
1143	1	Stage DL+C DL+	-13.5061	-12.2196	-17.2200	-16.7928	-9.7923	0.0000	0.0000	-17.2200
1144	0	Stage DL+C DL+	11.0278	13.6391	11.8861	8.4165	10.1695	0.0000	0.0000	13.6391
1144	1	Stage DL+C DL+	11.0278	7.7521	10.8722	14.3235	11.1834	0.0000	0.0000	14.3235
1150	0	Stage DL+C DL+	-14.9563	-9.2764	-16.0335	-20.6962	-13.8791	0.0000	0.0000	-20.6962
1150	1	Stage DL+C DL+	-14.9563	-16.5047	-14.0697	-13.4679	-15.8430	0.0000	0.0000	-16.5047
1151	0	Stage DL+C DL+	12.1835	11.9006	15.1811	12.4665	9.1993	0.0000	0.0000	15.1811
1151	1	Stage DL+C DL+	12.1835	11.9491	9.1315	12.4158	15.2355	0.0000	0.0000	15.2355
1153	0	Stage DL+C DL+	-16.1561	-14.7570	-12.3215	-17.5552	-19.9907	0.0000	0.0000	-19.9907
1153	1	Stage DL+C DL+	-16.1561	-19.1171	-14.6211	-13.1951	-16.2911	0.0000	0.0000	-19.1171
1154	0	Stage DL+C DL+	13.2233	16.0863	13.2684	10.3603	13.1783	0.0000	0.0000	16.0863
1154	1	Stage DL+C DL+	13.2233	14.0307	9.1300	12.4158	17.3167	0.0000	0.0000	17.3167
1156	0	Stage DL+C DL+	-17.3276	-17.4021	-12.3092	-17.2531	-22.3463	0.0000	0.0000	-22.3463
1156	1	Stage DL+C DL+	-17.3276	-18.6694	-18.6998	-15.3859	-17.9567	0.0000	0.0000	-18.6694
1157	0	Stage DL+C DL+	14.1958	17.8139	13.0145	10.4778	15.3772	0.0000	0.0000	17.8139
1157	1	Stage DL+C DL+	14.1958	13.9715	11.3186	14.4201	17.0731	0.0000	0.0000	17.0731
1159	0	Stage DL+C DL+	-18.3694	-17.2208	-15.2580	-19.9579	-21.5228	0.0000	0.0000	-21.5228
1159	1	Stage DL+C DL+	-18.3694	-13.3614	-22.8593	-23.2173	-13.8237	0.0000	0.0000	-23.2173
1160	0	Stage DL+C DL+	15.0907	17.5039	14.9040	12.6274	15.3773	0.0000	0.0000	17.5039
1160	1	Stage DL+C DL+	15.0907	11.8014	15.8292	18.5800	14.3521	0.0000	0.0000	18.5800
1166	0	Stage DL+C DL+	-19.3957	-13.0945	-22.1692	-25.6968	-16.6021	0.0000	0.0000	-25.6968
1166	1	Stage DL+C DL+	-19.3957	-20.6904	-17.8448	-16.1010	-20.9486	0.0000	0.0000	-20.9486
1167	0	Stage DL+C DL+	15.8672	14.5039	18.8481	17.2306	12.8864	0.0000	0.0000	18.8481
1167	1	Stage DL+C DL+	15.8672	16.3715	12.9711	15.3630	18.7634	0.0000	0.0000	18.7634
1169	0	Stage DL+C DL+	-20.1463	-19.5902	-16.7425	-20.7023	-23.5501	0.0000	0.0000	-23.5501

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1169	1	Stage DL+C DL+	-20.1463	-23.1746	-16.9471	-17.1180	-23.3455	0.0000	0.0000	-23.3455
1170	0	Stage DL+C DL+	16.5361	19.0236	15.0318	14.0426	17.4444	0.0000	0.0000	19.0236
1170	1	Stage DL+C DL+	16.5361	16.4019	12.5805	14.6743	20.6957	0.0000	0.0000	20.6957
1172	0	Stage DL+C DL+	-20.8653	-22.1272	-15.3615	-19.9034	-25.8291	0.0000	0.0000	-25.8291
1172	1	Stage DL+C DL+	-20.8653	-21.3809	-19.4367	-19.7530	-22.2939	0.0000	0.0000	-22.2939
1173	0	Stage DL+C DL+	17.1310	20.7692	14.7467	13.4829	19.5134	0.0000	0.0000	20.7692
1173	1	Stage DL+C DL+	17.1310	17.7601	14.4080	16.5020	19.8241	0.0000	0.0000	19.8241
1175	0	Stage DL+C DL+	-21.4702	-21.1835	-18.6403	-21.7589	-24.3071	0.0000	0.0000	-24.3071
1175	1	Stage DL+C DL+	-21.4702	-15.4862	-26.1946	-27.4543	-16.7576	0.0000	0.0000	-27.4543
1176	0	Stage DL+C DL+	17.8857	19.8679	16.5467	15.4435	18.7629	0.0000	0.0000	19.8679
1176	1	Stage DL+C DL+	17.8857	14.2391	19.1197	21.0722	16.1917	0.0000	0.0000	21.0722
1182	0	Stage DL+C DL+	-22.0139	-15.5466	-26.0751	-26.4812	-17.8027	0.0000	0.0000	-26.4812
1182	1	Stage DL+C DL+	-22.0139	-22.8642	-19.8677	-21.1436	-24.1600	0.0000	0.0000	-24.1600
1183	0	Stage DL+C DL+	18.8346	15.8355	20.9038	20.2339	15.2955	0.0000	0.0000	20.9038
1183	1	Stage DL+C DL+	18.8346	19.1830	15.4921	16.8873	20.5771	0.0000	0.0000	20.5771
1185	0	Stage DL+C DL+	-22.2927	-22.4487	-19.4295	-22.1367	-25.1569	0.0000	0.0000	-25.1569
1185	1	Stage DL+C DL+	-22.2927	-25.0616	-18.2584	-19.5239	-26.3270	0.0000	0.0000	-26.3270
1186	0	Stage DL+C DL+	19.3228	20.3159	16.8239	16.5298	20.0217	0.0000	0.0000	20.3159
1186	1	Stage DL+C DL+	19.3228	21.0281	14.4303	15.6176	22.2153	0.0000	0.0000	22.2153
1188	0	Stage DL+C DL+	-22.5579	-24.6977	-17.8851	-20.3791	-27.1807	0.0000	0.0000	-27.1807
1188	1	Stage DL+C DL+	-22.5579	-23.2577	-20.3794	-21.8181	-24.6964	0.0000	0.0000	-24.6964
1189	0	Stage DL+C DL+	18.5216	21.8216	15.2241	15.2216	21.8190	0.0000	0.0000	21.8216
1189	1	Stage DL+C DL+	18.5216	19.9072	16.2242	17.1360	20.8190	0.0000	0.0000	20.8190
1191	0	Stage DL+C DL+	-22.6783	-23.1276	-20.2541	-22.2252	-25.0665	0.0000	0.0000	-25.0665
1191	1	Stage DL+C DL+	-22.6783	-15.9687	-27.1319	-29.3839	-18.2207	0.0000	0.0000	-29.3839
1192	0	Stage DL+C DL+	18.8628	20.4806	16.8092	16.8388	20.5183	0.0000	0.0000	20.5183
1192	1	Stage DL+C DL+	18.8628	15.5776	20.8020	21.7477	16.6536	0.0000	0.0000	21.7477
1198	0	Stage DL+C DL+	-22.7316	-16.5451	-27.5745	-28.9181	-17.8887	0.0000	0.0000	-28.9181
1198	1	Stage DL+C DL+	-22.7316	-23.0125	-20.0750	-22.4506	-25.3982	0.0000	0.0000	-25.3982
1199	0	Stage DL+C DL+	18.8234	15.8431	21.0141	21.4239	16.2529	0.0000	0.0000	21.4239
1199	1	Stage DL+C DL+	18.8234	20.3023	16.8473	16.9645	20.6196	0.0000	0.0000	20.6196
1201	0	Stage DL+C DL+	-22.5366	-23.2484	-20.3059	-21.8133	-24.7560	0.0000	0.0000	-24.7560
1201	1	Stage DL+C DL+	-22.5366	-24.7162	-17.9127	-20.3457	-27.1492	0.0000	0.0000	-27.1492
1202	0	Stage DL+C DL+	18.5345	18.8900	16.2323	17.1780	20.8358	0.0000	0.0000	20.8358

RESULT : Member Stresses

Member	Station	Result Case	(F/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1202	1	Stage DL+C DL+	18.5340	21.8385	15.2374	15.2296	21.8306	0.0000	0.0000	21.8385
1204	0	Stage DL+C DL+	-22.3950	-25.0398	-19.2456	-19.5502	-26.3544	0.0000	0.0000	-26.3544
1204	1	Stage DL+C DL+	-22.3950	-23.4573	-19.4936	-22.1327	-25.0903	0.0000	0.0000	-25.0903
1205	0	Stage DL+C DL+	18.3336	21.0395	14.4372	15.6286	22.2301	0.0000	0.0000	22.2301
1205	1	Stage DL+C DL+	18.3336	20.3565	16.8367	16.3108	20.0306	0.0000	0.0000	20.3565
1207	0	Stage DL+C DL+	-21.9527	-22.9957	-20.0357	-20.9096	-23.8696	0.0000	0.0000	-23.8696
1207	1	Stage DL+C DL+	-21.9527	-14.9551	-25.8394	-28.9502	-18.2458	0.0000	0.0000	-28.8502
1208	0	Stage DL+C DL+	19.0675	19.3010	15.8732	16.7841	20.5019	0.0000	0.0000	20.5019
1208	1	Stage DL+C DL+	19.0675	15.5679	20.5103	20.5872	15.6048	0.0000	0.0000	20.5872
1214	0	Stage DL+C DL+	-21.3253	-16.0565	-26.6404	-26.9042	-16.4103	0.0000	0.0000	-26.9042
1214	1	Stage DL+C DL+	-21.3253	-21.0688	-18.4584	-21.9819	-24.5922	0.0000	0.0000	-24.5922
1215	0	Stage DL+C DL+	17.6506	14.5263	19.4750	20.7749	15.6262	0.0000	0.0000	20.7749
1215	1	Stage DL+C DL+	17.6506	19.7053	16.4101	15.5958	18.8912	0.0000	0.0000	19.7053
1217	0	Stage DL+C DL+	-20.8528	-21.9857	-19.5498	-19.7399	-22.3960	0.0000	0.0000	-22.3960
1217	1	Stage DL+C DL+	-20.8528	-22.1462	-15.9172	-19.5584	-25.7884	0.0000	0.0000	-25.7884
1216	0	Stage DL+C DL+	17.1692	17.7705	14.4722	15.5678	19.8662	0.0000	0.0000	19.8662
1216	1	Stage DL+C DL+	17.1692	20.8124	14.7836	13.5260	16.5049	0.0000	0.0000	20.8124
1220	0	Stage DL+C DL+	-20.1427	-23.1457	-16.9129	-17.1416	-23.3725	0.0000	0.0000	-23.3725
1220	1	Stage DL+C DL+	-20.1427	-19.6824	-16.8021	-20.6830	-23.4833	0.0000	0.0000	-23.4833
1221	0	Stage DL+C DL+	16.5791	18.4446	12.4149	14.7077	20.7374	0.0000	0.0000	20.7374
1221	1	Stage DL+C DL+	16.5791	19.0970	15.0693	14.0553	17.4830	0.0000	0.0000	19.0970
1223	0	Stage DL+C DL+	-19.3264	-20.7925	-17.9944	-17.8925	-20.6595	0.0000	0.0000	-20.7925
1223	1	Stage DL+C DL+	-19.3264	-12.4881	-21.7647	-26.1648	-16.8852	0.0000	0.0000	-26.1648
1224	0	Stage DL+C DL+	15.9495	16.8118	13.1954	15.2872	18.7135	0.0000	0.0000	18.7135
1224	1	Stage DL+C DL+	15.9495	14.2712	16.5898	17.4278	13.3101	0.0000	0.0000	18.5898
1230	0	Stage DL+C DL+	-18.4300	-14.0928	-23.2971	-22.7672	-13.5629	0.0000	0.0000	-23.2971
1230	1	Stage DL+C DL+	-18.4300	-17.1103	-13.0651	-19.7498	-21.7950	0.0000	0.0000	-21.7950
1231	0	Stage DL+C DL+	15.1175	11.9189	16.2356	16.3162	13.0994	0.0000	0.0000	16.3162
1231	1	Stage DL+C DL+	15.1175	17.4160	14.7685	12.8190	15.4489	0.0000	0.0000	17.4160
1233	0	Stage DL+C DL+	-17.3073	-18.8395	-16.5893	-15.9750	-19.0283	0.0000	0.0000	-18.8395
1233	1	Stage DL+C DL+	-17.3073	-17.4258	-12.3285	-17.1988	-22.2860	0.0000	0.0000	-22.2860
1234	0	Stage DL+C DL+	14.2704	14.0243	11.3896	14.5164	17.1471	0.0000	0.0000	17.1471
1234	1	Stage DL+C DL+	14.2704	17.9925	13.0740	10.5482	15.4667	0.0000	0.0000	17.9925
1236	0	Stage DL+C DL+	-16.1438	-19.0859	-13.9659	-13.2216	-16.3217	0.0000	0.0000	-19.0859

RESULT : Member Stresses

Member	Station	Result Case	(F/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1236	1	Stage DL+C DL+	-16.1438	-14.7796	-12.3825	-17.5110	-19.8051	0.0000	0.0000	-19.8051
1237	0	Stage DL+C DL+	15.9022	14.1268	9.2067	12.4777	17.3978	0.0000	0.0000	17.3978
1237	1	Stage DL+C DL+	15.9022	16.1857	13.3364	10.4187	13.2579	0.0000	0.0000	16.1857
1239	0	Stage DL+C DL+	-14.8703	-16.5841	-14.1905	-13.1865	-16.5601	0.0000	0.0000	-16.5841
1239	1	Stage DL+C DL+	-14.8703	-8.8334	-15.8301	-21.1172	-14.1208	0.0000	0.0000	-21.1172
1240	0	Stage DL+C DL+	12.3119	12.2467	9.3979	12.3770	15.2259	0.0000	0.0000	15.2259
1240	1	Stage DL+C DL+	12.3119	11.8930	14.9636	12.9307	9.8601	0.0000	0.0000	14.9636
1246	0	Stage DL+C DL+	-13.5358	-10.7061	-17.6498	-16.3655	-8.4217	0.0000	0.0000	-17.6498
1246	1	Stage DL+C DL+	-13.5358	-11.2354	-10.0026	-15.8362	-17.0689	0.0000	0.0000	-17.0689
1247	0	Stage DL+C DL+	11.1081	8.1146	11.3624	14.1016	10.8539	0.0000	0.0000	14.1016
1247	1	Stage DL+C DL+	11.1081	13.5323	11.8066	8.6839	10.4094	0.0000	0.0000	13.5323
1249	0	Stage DL+C DL+	-11.8665	-13.3092	-12.1337	-10.8338	-11.8723	0.0000	0.0000	-13.3092
1249	1	Stage DL+C DL+	-11.8665	-10.8819	-7.2685	-13.3311	-16.7245	0.0000	0.0000	-16.7245
1250	0	Stage DL+C DL+	9.9196	8.7915	7.0529	11.0578	12.7862	0.0000	0.0000	12.7862
1250	1	Stage DL+C DL+	9.9196	13.4660	10.1505	6.3431	9.7086	0.0000	0.0000	13.4660
1252	0	Stage DL+C DL+	-10.4136	-12.9103	-8.5133	-7.9168	-11.3138	0.0000	0.0000	-12.9103
1252	1	Stage DL+C DL+	-10.4136	-8.0731	-6.3804	-12.7540	-14.4467	0.0000	0.0000	-14.4467
1253	0	Stage DL+C DL+	8.6030	8.2361	4.8708	8.9679	12.3351	0.0000	0.0000	12.3351
1253	1	Stage DL+C DL+	8.6030	11.7339	9.8596	5.4720	7.5463	0.0000	0.0000	11.7339
1255	0	Stage DL+C DL+	-8.7279	-10.4610	-8.7670	-6.8648	-8.6868	0.0000	0.0000	-10.4610
1255	1	Stage DL+C DL+	-8.7279	-5.4485	-7.4603	-14.0073	-9.9750	0.0000	0.0000	-14.0073
1256	0	Stage DL+C DL+	7.2743	6.4394	4.3647	8.1091	10.1838	0.0000	0.0000	10.1838
1256	1	Stage DL+C DL+	7.2743	7.9926	8.7196	6.5059	4.8289	0.0000	0.0000	8.7196
1262	0	Stage DL+C DL+	-8.9771	-5.9770	-9.9742	-7.9772	-5.9799	0.0000	0.0000	-9.9742
1262	1	Stage DL+C DL+	-8.9771	-5.5007	-3.3345	-10.4535	-10.6186	0.0000	0.0000	-10.6186
1263	0	Stage DL+C DL+	5.7267	3.2648	4.9504	8.1886	6.5030	0.0000	0.0000	8.1886
1263	1	Stage DL+C DL+	5.7267	8.1023	7.5073	3.3511	3.9460	0.0000	0.0000	8.1023
1265	0	Stage DL+C DL+	-6.0592	-6.1822	-6.0111	-3.8342	-4.1052	0.0000	0.0000	-6.1822
1265	1	Stage DL+C DL+	-6.0592	-2.2309	-1.0257	-7.8854	-6.0906	0.0000	0.0000	-6.0906
1266	0	Stage DL+C DL+	4.2113	2.0466	1.4521	6.3730	6.9704	0.0000	0.0000	6.9704
1266	1	Stage DL+C DL+	4.2113	7.5539	6.2569	0.8689	2.1636	0.0000	0.0000	7.5539
1268	0	Stage DL+C DL+	-3.1623	-5.3425	-4.1331	-0.9620	-2.1914	0.0000	0.0000	-5.3425
1268	1	Stage DL+C DL+	-3.1623	0.8764	1.8815	-7.3008	-8.3060	0.0000	0.0000	-8.3060
1269	0	Stage DL+C DL+	3.5366	0.8258	-0.4709	4.2280	5.5247	0.0000	0.0000	5.5247

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
1269	1	Stage DL+C DL+	2.5269	5.6901	4.7699	-0.9383	0.2839	0.0000	0.0000	5.6901
1271	0	Stage DL+C DL+	-0.8074	-1.8281	-0.9194	5.0112	-0.9965	0.0000	0.0000	-1.8281
1271	1	Stage DL+C DL+	-0.8074	1.0645	1.1733	-2.8794	-2.9982	0.0000	0.0000	-2.9982
1272	0	Stage DL+C DL+	1.0283	-0.2985	-1.2190	2.3510	3.2716	0.0000	0.0000	3.2716
1272	1	Stage DL+C DL+	1.0283	1.0283	1.0283	1.0283	1.0283	0.0000	0.0000	1.0283

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
788	0	Stage DL+C DL+	-0.6027	1.1643	1.3835	-2.9697	-2.5979	0.0000	0.0000	-2.9697
788	1	Stage DL+C DL+	-0.6027	-0.4823	0.3471	-0.7231	-1.5525	0.0000	0.0000	-1.5525
789	0	Stage DL+C DL+	0.2967	0.2967	0.2967	0.2967	0.2967	0.0000	0.0000	0.2967
789	1	Stage DL+C DL+	0.2967	-0.6758	-1.1896	1.2732	1.7971	0.0000	0.0000	1.7971
791	0	Stage DL+C DL+	-2.3826	1.3906	3.2162	-6.1577	-6.9843	0.0000	0.0000	-6.9843
791	1	Stage DL+C DL+	-2.3826	-3.3703	-2.5424	-1.3898	-2.4227	0.0000	0.0000	-3.3703
792	0	Stage DL+C DL+	1.5467	4.2956	3.7584	-1.1923	-0.9651	0.0000	0.0000	4.2956
792	1	Stage DL+C DL+	1.5467	-0.0349	-0.5793	3.1282	3.6716	0.0000	0.0000	3.6716
794	0	Stage DL+C DL+	-3.8364	-1.0543	-0.0257	-6.6186	-7.6472	0.0000	0.0000	-7.6472
794	1	Stage DL+C DL+	-3.8364	-4.0843	-3.7799	-3.5899	-3.8943	0.0000	0.0000	-4.0843
795	0	Stage DL+C DL+	5.0357	5.3048	5.2836	0.1665	1.0078	0.0000	0.0000	5.3048
795	1	Stage DL+C DL+	5.0357	1.2317	0.7967	4.8396	5.2946	0.0000	0.0000	5.2946
797	0	Stage DL+C DL+	-5.2475	-2.2833	-1.9618	-8.2318	-8.5331	0.0000	0.0000	-8.5331
797	1	Stage DL+C DL+	-5.2475	-5.2178	-5.3484	-7.2775	-4.1466	0.0000	0.0000	-7.2775
798	0	Stage DL+C DL+	4.3958	6.5307	6.0879	2.2009	2.6437	0.0000	0.0000	6.5307
798	1	Stage DL+C DL+	4.3958	2.4935	3.6205	6.2381	5.1111	0.0000	0.0000	6.2381
804	0	Stage DL+C DL+	-6.6578	-2.5625	-0.3969	-10.7532	-7.9167	0.0000	0.0000	-10.7532
804	1	Stage DL+C DL+	-6.6578	-7.1191	-8.6547	-6.1965	-7.6610	0.0000	0.0000	-7.6610
805	0	Stage DL+C DL+	5.7070	6.5098	7.8858	4.8543	5.5282	0.0000	0.0000	7.8858
805	1	Stage DL+C DL+	5.7070	5.1184	3.2983	8.2956	8.1147	0.0000	0.0000	8.1147
807	0	Stage DL+C DL+	-7.8883	-5.4942	-4.0326	-10.2383	-11.8999	0.0000	0.0000	-11.8999
807	1	Stage DL+C DL+	-7.8883	-9.0599	-6.3981	-6.6728	-6.3344	0.0000	0.0000	-9.3344
808	0	Stage DL+C DL+	6.8988	9.7248	7.9072	4.0688	5.8285	0.0000	0.0000	9.7248
808	1	Stage DL+C DL+	6.8988	6.7214	3.7083	7.0123	9.9654	0.0000	0.0000	9.9654
810	0	Stage DL+C DL+	-9.0445	-7.4144	-4.7564	-10.6745	-13.3325	0.0000	0.0000	-13.3325

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
810	1	Stage DL+C DL+	-9.0445	-9.4254	-8.3010	-9.6628	-9.7880	0.0000	0.0000	-9.7880
811	0	Stage DL+C DL+	7.8919	11.2096	9.2584	4.7741	7.7253	0.0000	0.0000	11.2096
811	1	Stage DL+C DL+	7.8919	7.3176	5.6175	8.6661	10.3982	0.0000	0.0000	10.3982
813	0	Stage DL+C DL+	-10.1265	-9.0459	-6.5248	-12.2070	-13.3281	0.0000	0.0000	-13.3281
813	1	Stage DL+C DL+	-10.1265	-8.8356	-12.1419	-13.8174	-8.1111	0.0000	0.0000	-13.8174
814	0	Stage DL+C DL+	8.9992	11.3344	9.6366	6.6641	8.3619	0.0000	0.0000	11.3344
814	1	Stage DL+C DL+	8.9992	8.7929	9.0955	11.2056	8.9130	0.0000	0.0000	11.2056
820	0	Stage DL+C DL+	-11.1948	-8.2480	-11.4059	-10.1407	-10.8038	0.0000	0.0000	-10.1407
820	1	Stage DL+C DL+	-11.1948	-11.8308	-9.6373	-10.7538	-12.7524	0.0000	0.0000	-12.7524
821	0	Stage DL+C DL+	9.9980	9.6601	12.3291	10.1369	7.6729	0.0000	0.0000	12.3291
821	1	Stage DL+C DL+	9.9980	10.2098	7.5244	9.7663	12.4719	0.0000	0.0000	12.4719
823	0	Stage DL+C DL+	-12.0707	-10.4479	-8.4513	-13.8834	-15.0901	0.0000	0.0000	-15.0901
823	1	Stage DL+C DL+	-12.0707	-13.5306	-9.6396	-10.8108	-14.5019	0.0000	0.0000	-14.5019
824	0	Stage DL+C DL+	10.8536	13.6004	10.9159	8.1069	10.7914	0.0000	0.0000	13.6004
824	1	Stage DL+C DL+	10.8536	11.6845	7.4151	9.8228	14.2922	0.0000	0.0000	14.2922
826	0	Stage DL+C DL+	-12.9153	-12.3575	-8.4694	-13.4731	-17.3612	0.0000	0.0000	-17.3612
826	1	Stage DL+C DL+	-12.9153	-13.2857	-11.4055	-12.5646	-14.3351	0.0000	0.0000	-14.3351
827	0	Stage DL+C DL+	11.8564	15.0865	10.6186	8.2264	12.6942	0.0000	0.0000	15.0865
827	1	Stage DL+C DL+	11.8564	11.8695	9.2722	11.4234	14.0406	0.0000	0.0000	14.0406
829	0	Stage DL+C DL+	-13.6883	-12.3304	-10.5641	-15.0063	-16.7726	0.0000	0.0000	-16.7726
829	1	Stage DL+C DL+	-13.6883	-9.0810	-16.2535	-16.2507	-11.0831	0.0000	0.0000	-16.2507
830	0	Stage DL+C DL+	12.3651	14.6818	12.0665	10.2298	12.6439	0.0000	0.0000	14.6818
830	1	Stage DL+C DL+	12.3651	10.0075	13.1270	14.7026	11.5851	0.0000	0.0000	14.7026
836	0	Stage DL+C DL+	-14.3835	-9.9339	-15.9095	-19.8531	-12.8805	0.0000	0.0000	-19.8531
836	1	Stage DL+C DL+	-14.3835	-14.7095	-12.3432	-14.0834	-16.4438	0.0000	0.0000	-16.4438
837	0	Stage DL+C DL+	13.0133	12.1089	15.3564	13.9178	10.6703	0.0000	0.0000	15.3564
837	1	Stage DL+C DL+	13.0133	13.8924	10.8164	12.1343	15.4103	0.0000	0.0000	15.4103
839	0	Stage DL+C DL+	-14.8347	-13.9402	-11.5855	-15.8243	-18.2840	0.0000	0.0000	-18.2840
839	1	Stage DL+C DL+	-14.8347	-16.4509	-11.7275	-13.4186	-18.1419	0.0000	0.0000	-18.1419
840	0	Stage DL+C DL+	13.5669	16.0796	12.8339	11.0852	14.3310	0.0000	0.0000	16.0796
840	1	Stage DL+C DL+	13.5669	15.5502	10.0514	11.5836	17.0824	0.0000	0.0000	17.0824
842	0	Stage DL+C DL+	-15.4421	-15.7360	-11.0146	-15.1482	-19.8696	0.0000	0.0000	-19.8696
842	1	Stage DL+C DL+	-15.4421	-15.6460	-13.4288	-15.2382	-17.4554	0.0000	0.0000	-17.4554
843	0	Stage DL+C DL+	14.0494	17.4742	11.8794	10.6245	16.1223	0.0000	0.0000	17.4742

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
845	1	Stage DL-C DL-	14.0494	15.0619	11.8100	13.0369	16.2887	0.0000	0.0000	16.2887
845	0	Stage DL-C DL-	-15.8615	-15.1446	-12.9305	-16.5783	-18.7925	0.0000	0.0000	-18.7925
845	1	Stage DL-C DL-	-15.8615	-10.4078	-19.6584	-21.2250	-13.0646	0.0000	0.0000	-21.2250
846	0	Stage DL-C DL-	14.4431	16.6439	13.3838	12.2423	15.4923	0.0000	0.0000	16.6439
846	1	Stage DL-C DL-	14.4431	12.1344	15.7442	16.7518	13.1420	0.0000	0.0000	16.7518
852	0	Stage DL-C DL-	-16.2415	-10.5847	-19.8353	-21.8984	-13.8628	0.0000	0.0000	-21.8984
852	1	Stage DL-C DL-	-16.2415	-16.2979	-13.7779	-16.1852	-18.7052	0.0000	0.0000	-18.7052
853	0	Stage DL-C DL-	14.7612	13.2552	16.9782	16.2303	13.5443	0.0000	0.0000	16.9782
853	1	Stage DL-C DL-	14.7612	16.1793	12.5967	13.3431	16.8258	0.0000	0.0000	16.8258
855	0	Stage DL-C DL-	-16.4460	-15.9674	-13.4466	-16.9246	-18.4453	0.0000	0.0000	-18.4453
855	1	Stage DL-C DL-	-16.4460	-17.7928	-12.6531	-15.0992	-20.2389	0.0000	0.0000	-20.2389
856	0	Stage DL-C DL-	15.0140	17.1678	13.5645	12.8601	16.4434	0.0000	0.0000	17.1678
856	1	Stage DL-C DL-	15.0140	17.7178	11.8905	12.3101	18.3374	0.0000	0.0000	18.3374
858	0	Stage DL-C DL-	-16.6140	-17.5317	-12.3927	-15.8963	-20.8353	0.0000	0.0000	-20.8353
858	1	Stage DL-C DL-	-16.6140	-16.5511	-14.5892	-16.8769	-19.1388	0.0000	0.0000	-19.1388
859	0	Stage DL-C DL-	15.1772	16.3689	12.3420	11.8655	16.0124	0.0000	0.0000	16.3689
859	1	Stage DL-C DL-	15.1772	16.8315	13.2509	13.5228	17.1035	0.0000	0.0000	17.1035
861	0	Stage DL-C DL-	-16.8998	-16.4787	-14.0187	-16.9145	-19.3744	0.0000	0.0000	-19.3744
861	1	Stage DL-C DL-	-16.8998	-10.8823	-19.3430	-22.5109	-14.0501	0.0000	0.0000	-22.5109
862	0	Stage DL-C DL-	15.2685	17.2124	13.8291	13.3246	16.9039	0.0000	0.0000	17.2124
862	1	Stage DL-C DL-	15.2685	13.1851	16.9646	17.3719	13.5724	0.0000	0.0000	17.3719
868	0	Stage DL-C DL-	-16.7308	-11.1994	-19.6193	-22.2622	-13.8423	0.0000	0.0000	-22.2622
868	1	Stage DL-C DL-	-16.7308	-16.4125	-13.9334	-17.0492	-19.5281	0.0000	0.0000	-19.5281
869	0	Stage DL-C DL-	15.2473	13.3924	17.2113	17.1022	13.2853	0.0000	0.0000	17.2113
869	1	Stage DL-C DL-	15.2473	17.0632	13.4861	13.4315	17.0065	0.0000	0.0000	17.0632
871	0	Stage DL-C DL-	-16.5966	-16.5084	-14.0276	-16.8868	-19.1697	0.0000	0.0000	-19.1697
871	1	Stage DL-C DL-	-16.5966	-17.5535	-12.4117	-15.5467	-20.7855	0.0000	0.0000	-20.7855
872	0	Stage DL-C DL-	15.2001	16.8591	13.2808	13.5411	17.1184	0.0000	0.0000	17.1184
872	1	Stage DL-C DL-	15.2001	18.3827	12.3472	12.0175	18.0530	0.0000	0.0000	18.3827
874	0	Stage DL-C DL-	-16.4268	-17.7394	-12.5999	-15.1143	-20.2539	0.0000	0.0000	-20.2539
874	1	Stage DL-C DL-	-16.4268	-15.9766	-13.4734	-16.6771	-19.3802	0.0000	0.0000	-19.3802
875	0	Stage DL-C DL-	15.0458	17.7674	11.7315	12.3241	18.3600	0.0000	0.0000	18.3600
875	1	Stage DL-C DL-	15.0458	17.1999	13.6082	12.8947	16.4854	0.0000	0.0000	17.1999
877	0	Stage DL-C DL-	-16.1713	-16.3276	-13.8251	-16.0149	-18.5174	0.0000	0.0000	-18.5174

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
877	1	Stage DL-C DL-	-16.1713	-16.2315	-16.3113	-22.1111	-14.0313	0.0000	0.0000	-22.1111
878	0	Stage DL-C DL-	14.8373	16.3960	12.7959	13.2886	16.8787	0.0000	0.0000	16.8787
878	1	Stage DL-C DL-	14.8373	13.1095	16.8011	16.5711	12.8795	0.0000	0.0000	16.8011
884	0	Stage DL-C DL-	-15.8802	-10.7754	-19.8879	-20.9450	-12.8225	0.0000	0.0000	-20.9450
884	1	Stage DL-C DL-	-15.8802	-15.9471	-13.8124	-16.8733	-18.9090	0.0000	0.0000	-18.9090
885	0	Stage DL-C DL-	14.4790	12.4084	16.0697	16.5496	12.8993	0.0000	0.0000	16.5496
885	1	Stage DL-C DL-	14.4790	16.5484	13.2945	12.4096	15.6634	0.0000	0.0000	16.5484
887	0	Stage DL-C DL-	-15.3641	-15.5670	-13.3292	-15.2212	-17.4591	0.0000	0.0000	-17.4591
887	1	Stage DL-C DL-	-15.3641	-15.7375	-11.0062	-15.0607	-19.7820	0.0000	0.0000	-19.7820
888	0	Stage DL-C DL-	14.1335	15.1098	11.9041	13.1072	16.3629	0.0000	0.0000	16.3629
888	1	Stage DL-C DL-	14.1335	17.5516	12.0276	10.7154	16.2394	0.0000	0.0000	17.5516
890	0	Stage DL-C DL-	-14.8644	-16.3616	-11.8363	-13.4072	-16.1305	0.0000	0.0000	-16.1305
890	1	Stage DL-C DL-	-14.8644	-13.9300	-11.5852	-15.8398	-18.1836	0.0000	0.0000	-18.1836
891	0	Stage DL-C DL-	13.8644	15.6800	10.1509	11.6478	17.1728	0.0000	0.0000	17.1728
891	1	Stage DL-C DL-	13.8644	15.1068	12.5619	11.1619	14.4469	0.0000	0.0000	16.1068
893	0	Stage DL-C DL-	-14.2919	-14.6974	-12.3519	-13.8864	-16.2319	0.0000	0.0000	-16.2319
893	1	Stage DL-C DL-	-14.2919	-8.5521	-15.5791	-20.0316	-13.0077	0.0000	0.0000	-20.0316
894	0	Stage DL-C DL-	13.7596	14.1784	10.8914	12.1428	15.4278	0.0000	0.0000	15.4278
894	1	Stage DL-C DL-	13.7596	11.9617	15.2640	14.8574	11.0952	0.0000	0.0000	15.2640
900	0	Stage DL-C DL-	-13.8381	-8.3189	-16.4597	-17.9575	-10.8184	0.0000	0.0000	-17.9575
900	1	Stage DL-C DL-	-13.8381	-12.2140	-10.4245	-15.0822	-16.6517	0.0000	0.0000	-16.6517
901	0	Stage DL-C DL-	12.4684	10.3482	13.3631	14.5878	11.3737	0.0000	0.0000	14.5878
901	1	Stage DL-C DL-	12.4684	14.6546	12.0246	10.2622	13.9120	0.0000	0.0000	14.6546
903	0	Stage DL-C DL-	-12.8440	-13.1549	-11.3614	-12.5330	-14.3265	0.0000	0.0000	-14.3265
903	1	Stage DL-C DL-	-12.8440	-12.3367	-8.4484	-13.3512	-17.2396	0.0000	0.0000	-17.2396
904	0	Stage DL-C DL-	11.8276	12.0942	9.4622	11.3611	14.1931	0.0000	0.0000	14.1931
904	1	Stage DL-C DL-	11.8276	15.2514	10.7260	8.4038	12.9262	0.0000	0.0000	15.2514
909	0	Stage DL-C DL-	-12.0010	-13.4123	-9.5209	-10.5897	-14.4811	0.0000	0.0000	-14.4811
909	1	Stage DL-C DL-	-12.0010	-10.4262	-8.4413	-13.5758	-15.5907	0.0000	0.0000	-15.5907
907	0	Stage DL-C DL-	11.0482	12.1430	7.8180	9.9535	14.4805	0.0000	0.0000	14.4805
907	1	Stage DL-C DL-	11.0482	13.7764	11.0668	8.3251	11.0276	0.0000	0.0000	13.7764
909	0	Stage DL-C DL-	-11.0767	-11.6040	-9.6172	-10.5464	-12.5361	0.0000	0.0000	-12.5361
909	1	Stage DL-C DL-	-11.0767	-5.8536	-11.1689	-16.2998	-10.8945	0.0000	0.0000	-16.2998
910	0	Stage DL-C DL-	10.2518	10.6230	7.9147	8.6805	12.5884	0.0000	0.0000	12.5884

RESULT : Member Stresses

Member	Station	Result Case	(P/A) @ Centroid (kips/in²)	Normal Stress @ Point 1 (kips/in²)	Normal Stress @ Point 2 (kips/in²)	Normal Stress @ Point 3 (kips/in²)	Normal Stress @ Point 4 (kips/in²)	Normal Stress @ Point 5 (kips/in²)	Normal Stress @ Point 6 (kips/in²)	Max ABS Total Stress (kips/in²)
913	1	Stage DL-C: DL-	10.2516	6.7813	12.3445	10.7223	6.1581	0.0000	0.0000	12.3445
916	0	Stage DL-C: DL-	-10.0862	-6.6433	-12.3333	-13.3280	-7.8360	0.0000	0.0000	-13.3280
916	1	Stage DL-C: DL-	-10.0862	-7.9367	-8.7879	-12.2356	-13.3844	0.0000	0.0000	-13.3844
917	0	Stage DL-C: DL-	9.2343	7.2555	9.6890	11.2132	8.7797	0.0000	0.0000	11.2132
917	1	Stage DL-C: DL-	9.2343	11.4059	9.6870	7.3627	6.7818	0.0000	0.0000	11.4059
919	0	Stage DL-C: DL-	-8.6747	-6.3044	-6.1513	-6.6449	-8.7982	0.0000	0.0000	-8.7982
919	1	Stage DL-C: DL-	-8.6747	-7.4138	-4.7524	-10.5356	-13.1969	0.0000	0.0000	-13.1969
920	0	Stage DL-C: DL-	8.3025	7.6913	5.9699	8.8139	10.8351	0.0000	0.0000	10.8351
920	1	Stage DL-C: DL-	8.3025	11.4892	8.4732	5.1159	8.1318	0.0000	0.0000	11.4892
922	0	Stage DL-C: DL-	-7.8092	-6.9415	-6.2764	-6.6770	-9.3421	0.0000	0.0000	-9.3421
922	1	Stage DL-C: DL-	-7.8092	-8.5064	-4.6474	-10.1120	-11.5710	0.0000	0.0000	-11.5710
923	0	Stage DL-C: DL-	7.2195	7.1688	4.1510	7.2701	10.2680	0.0000	0.0000	10.2680
923	1	Stage DL-C: DL-	7.2195	10.0032	8.2132	4.4358	6.2258	0.0000	0.0000	10.0032
925	0	Stage DL-C: DL-	-6.5641	-7.1032	-5.6414	-6.0249	-7.4867	0.0000	0.0000	-7.4867
925	1	Stage DL-C: DL-	-6.5641	-2.1899	-5.1268	-10.9362	-8.0013	0.0000	0.0000	-10.9362
926	0	Stage DL-C: DL-	6.1382	5.7116	3.8203	5.5646	8.3062	0.0000	0.0000	8.3062
926	1	Stage DL-C: DL-	6.1382	6.5403	6.1406	5.7962	4.1359	0.0000	0.0000	6.1406
932	0	Stage DL-C: DL-	-5.2481	-5.4391	-4.5823	-7.0571	-3.9139	0.0000	0.0000	-7.0571
932	1	Stage DL-C: DL-	-5.2481	-2.2135	-1.8823	-6.2827	-8.6139	0.0000	0.0000	-8.6139
933	0	Stage DL-C: DL-	4.8017	3.1013	4.5468	6.5020	5.0566	0.0000	0.0000	6.5020
933	1	Stage DL-C: DL-	4.8017	6.7985	6.2671	2.8046	3.3062	0.0000	0.0000	6.7985
935	0	Stage DL-C: DL-	-3.8338	-4.0227	-3.6871	-3.8449	-3.0804	0.0000	0.0000	-4.0227
935	1	Stage DL-C: DL-	-3.8338	-1.1225	-0.1014	-6.5450	-7.5661	0.0000	0.0000	-7.5661
936	0	Stage DL-C: DL-	3.5744	1.8099	1.3762	5.2390	5.7727	0.0000	0.0000	5.7727
936	1	Stage DL-C: DL-	3.5744	6.4763	5.3391	0.6725	1.8897	0.0000	0.0000	6.4763
938	0	Stage DL-C: DL-	-2.4148	-3.3266	-2.3012	-1.5030	-2.5284	0.0000	0.0000	-3.3266
938	1	Stage DL-C: DL-	-2.4148	1.2801	2.0755	-6.1097	-6.9051	0.0000	0.0000	-6.9051
939	0	Stage DL-C: DL-	2.1586	0.8278	-0.3116	3.4893	4.6287	0.0000	0.0000	4.6287
939	1	Stage DL-C: DL-	2.1586	4.9299	4.1261	-0.8127	0.1910	0.0000	0.0000	4.9299
941	0	Stage DL-C: DL-	-0.6667	-0.6519	0.1462	-0.7255	-1.5235	0.0000	0.0000	-1.5235
941	1	Stage DL-C: DL-	-0.6667	1.3625	1.5088	-2.7398	-2.8861	0.0000	0.0000	-2.8861
942	0	Stage DL-C: DL-	0.9665	0.1665	-0.6126	1.7445	2.5457	0.0000	0.0000	2.5457
942	1	Stage DL-C: DL-	0.9665	0.9665	0.9665	0.9665	0.9665	0.0000	0.0000	0.9665

CONSTRUCTORA MOYEDA SA DE CV

EJE 90 - ANALISIS CARGA VIVA

*	CONSTRUCTORA MOYEDA S.A. DE C.V. CONSTRUCTORA MOYEDA SA DE CV	MORONES PRIETO 1310 PTE COL. PID 5 MONTERREY, NL MEXICO 64710 Tel: 818-345-2494

PROJECT SUMMARY

INPUT PROPERTIES	Count
Universal Restraints	None
Materials	1
Sections	13
User Coordinate System	1
Spring Curves	None
Isolator Property	None
Linear Definitions	None

INPUT GEOMETRY	Count
Joints	1312
Members	1608
Plates	645
Typings	None
Isolators - Bearings	None
Misc. Elements	None
Steps - Masses	None
Tendons	None

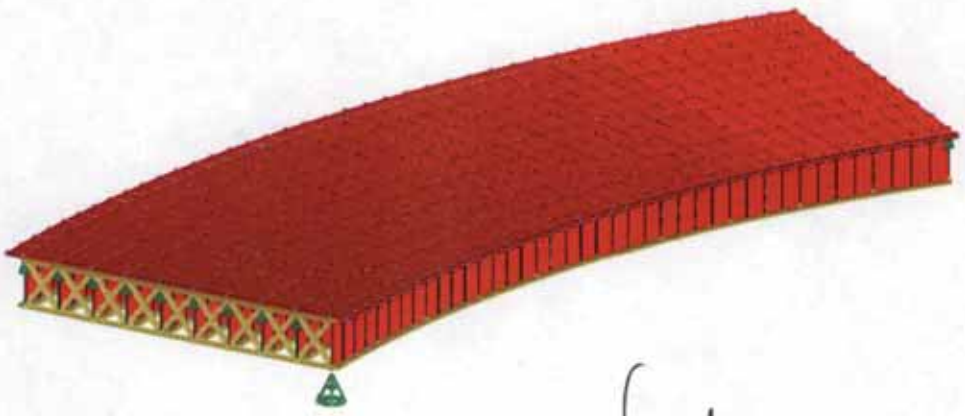
LOAD CASES	Count
Load Cases	7
Combination Cases	None
Construction Stages	None
Linear Database	1

TABLE OF CONTENTS

INPUTS	Page#	RESULTS	Page#
- INPUT : Material Properties	Page 5	- RESULT ENVELOPE :Reactions @ Force Z (kips)	Page 20
- INPUT : UCSs	Page 6	- RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)	Page 21
- INPUT : Sections	Page 6		
- INPUT : Section Stress Points	Page 8		
- INPUT : Section Dimensions	Page 9		
- INPUT : More Material Properties	Page 9		
- STRUCTURE GROUP SUMMARY	Page 10		
- Load Cases	Page 17		
- STRUCTURE GROUP SUMMARY	Page 18		

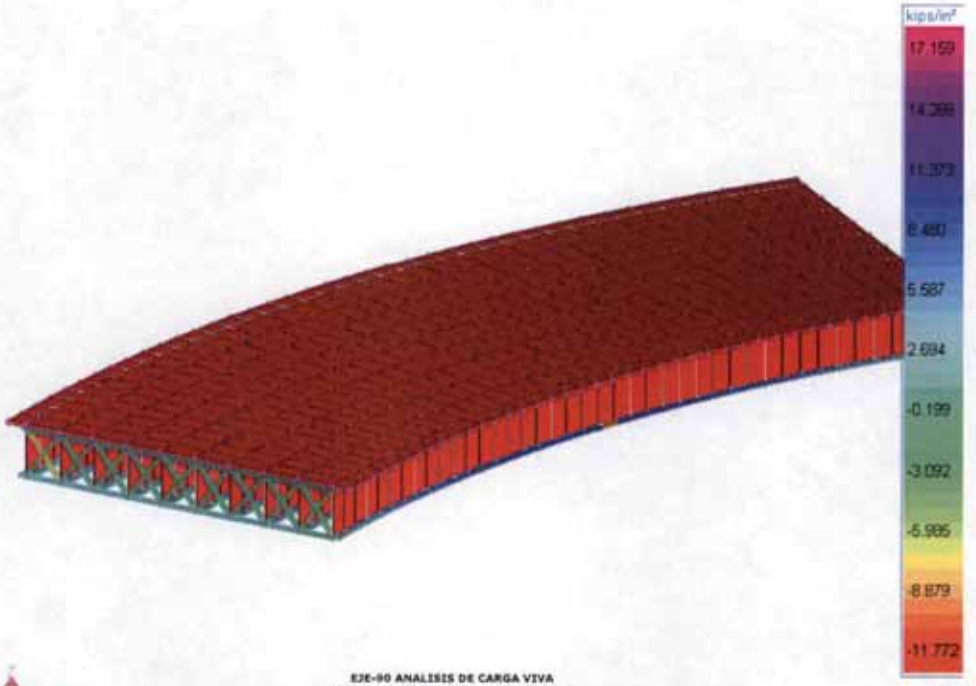
Graphics View 1

Zoom 1.953X



Graphics: ESFUERZOS - VIGA 1

Zoom 1.953X
Member Stresses - Centroid (P/A) - 2.71375LL+1.3CF



LARSA 4D

EJE-90 ANALISIS DE CARGA VIVA
CONSTRUCTORA MOYEDA S.A. DE C.V.
CONSTRUCTORA MOYEDA SA DE CV
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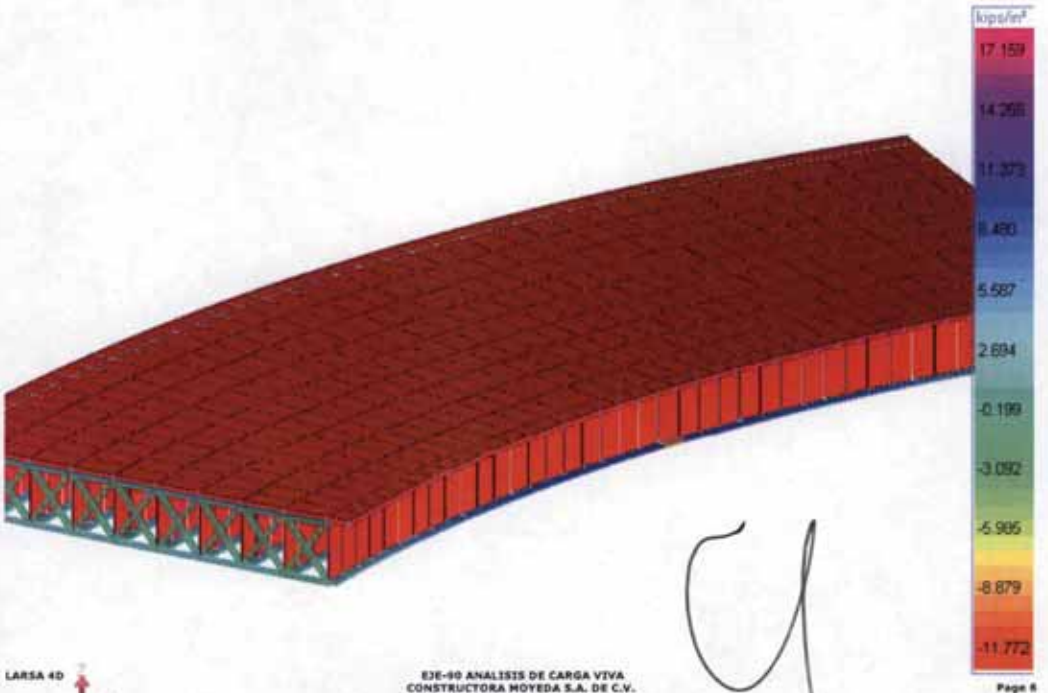
Last Analysis Run : 02/03/2009 06:19:53 p.m.

Graphics: ESFUERZOS VIGA 3

Zoom 2.441X
Member Stresses - Centroid (P/A) - 2.71375LL+1.3CF



LARSA 4D

EJE-90 ANALISIS DE CARGA VIVA
CONSTRUCTORA MOYEDA S.A. DE C.V.
CONSTRUCTORA MOYEDA SA DE CV
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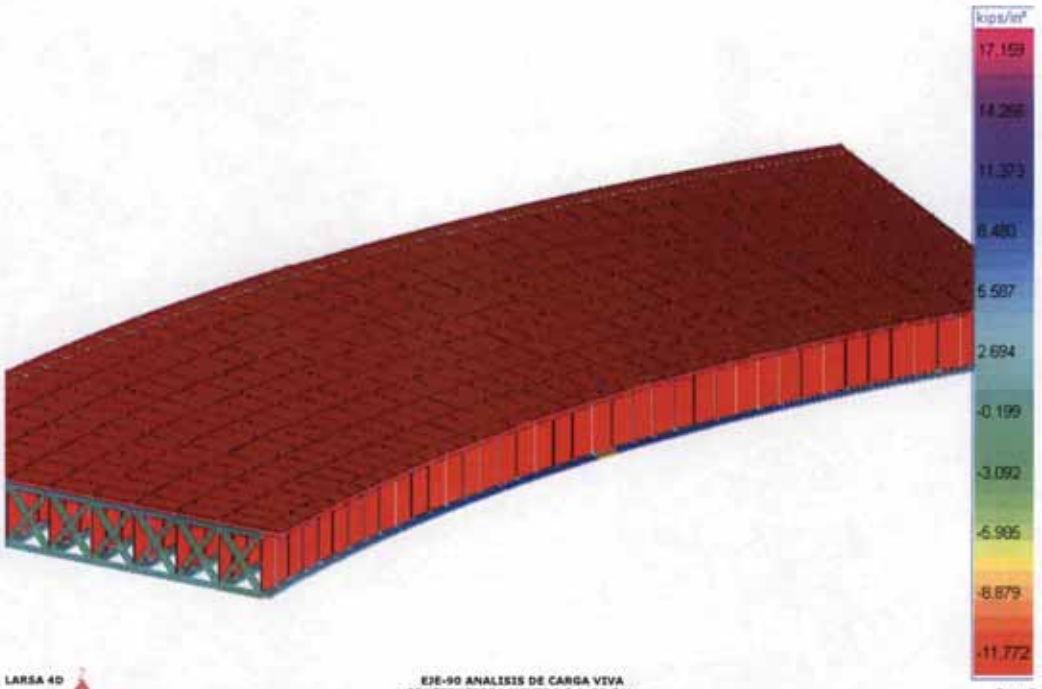
Last Analysis Run : 02/03/2009 06:19:53 p.m.

Graphics: ESFUERZOS - VIGA 5

Zoom: 2.441X
Member Stresses - Centroid (P/A) - 2.71376LL+1.3CF



LARSA 4D

INPUT : Material Properties

Name	Modulus of Elasticity (m-ton/m²)	Poisson Ratio	Shear Modulus (m-ton/m²)	Unit Weight (m-ton/m³)	Thermal Expansion (1/ °C *10^-6)	Assigned
A572-G50	2.04e7	0.2946	7,874,347.79	7.8491	11.700000	Yes
Fc_5	2,834,981.00	0.1704	1,210,682.49	0.0000	9.900000	Yes
Rigid Material	1.00e10	0.1111	4.50e9	0.0000	0.000000	Yes

INPUT : UCSs

Name	Type	Origin X (m)	Origin Y (m)	Origin Z (m)	Axis Point X (m)	Axis Point Y (m)	Axis Point Z (m)	Point on XY Plane X	Point on XY Plane Y	Point on XY Plane Z	Angle Z	Angle X	Angle Y	Assigned
EJE-90	Bridge	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000				Yes

INPUT : Sections

Name	Section Area (in²)	Shear Area in yy (in²)	Shear Area in zz (in²)	Torsion Constant (in^4)	Inertia Izz (in^4)	Inertia Iyy (in^4)	Plastic Modulus Zyy (in³)	Plastic Modulus Zzz (in³)	Perimeter (in)	Material Time-Effect	Ductility	Residual Strength (%)	Assigned
Rigid Connection	10.0000e8	0.0000	0.0000	10.0000e8	10.0000e8	10.0000e8	0.0000	0.0000	0.0000	(NONE)	50.	0.	Yes
Rect 2.000x 20.00	40.0000	33.3333	33.3333	50.0800	13.3333	1,333.3333	0.0000	0.0000	44.0000	(NONE)	50.	0.	Yes
Rect 2.750x 28.00	77.0000	64.1667	64.1667	193.9101	48.5260	5,530.6667	0.0000	0.0000	61.5000	(NONE)	50.	0.	Yes
Rect 2.449x 2.449	6.0000	5.0000	5.0000	5.0760	3.0000	3.0000	0.0000	0.0000	9.7980	(NONE)	50.	0.	Yes
Rect 1.500x 20.00	30.0000	25.0000	25.0000	22.4775	5.6250	1,000.0000	0.0000	0.0000	43.0000	(NONE)	50.	0.	Yes
Rect 1.750x 28.00	49.0000	40.8333	40.8333	49.9708	12.5052	3,201.3333	0.0000	0.0000	59.5000	(NONE)	50.	0.	Yes
Rect 1.250x 20.00	25.0000	20.8333	20.8333	13.0079	3.2552	833.3333	0.0000	0.0000	42.5000	(NONE)	50.	0.	Yes
Rect 1.250x 28.00	35.0000	29.1667	29.1667	18.2108	4.5573	2,286.6667	0.0000	0.0000	58.5000	(NONE)	50.	0.	Yes
2L8x6x3/4 [DB American]	13.9	0	0	0	49	0	0	22.3	0	0	50	0	Yes
L8x6x3/4 [DB American]	8.44	3.75	3.75	1.61	28.2	28.2	12	12	24	0	50	0	Yes

INPUT : Section Stress Points

Name	Point 1 Y (in)	Point 1 Z (in)	Point 2 Y (in)	Point 2 Z (in)	Point 3 Y (in)	Point 3 Z (in)	Point 4 Y (in)	Point 4 Z (in)	Point 5 Y (in)	Point 5 Z (in)	Point 6 Y (in)	Point 6 Z (in)
Rigid Connection	1.0000	1.0000	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)	(none)
Rect 2.000x 20.00	1.0000	10.0000	1.0000	-10.0000	-1.0000	-10.0000	-1.0000	10.0000	(none)	(none)	(none)	(none)
Rect 2.750x 28.00	1.3750	14.0000	1.3750	-14.0000	-1.3750	-14.0000	-1.3750	14.0000	(none)	(none)	(none)	(none)
Rect 2.449x 2.449	1.2247	1.2247	1.2247	-1.2247	-1.2247	-1.2247	-1.2247	1.2247	(none)	(none)	(none)	(none)

LARSA 4D

INPUT : Section Stress Points

Name	Point 1 Y (in)	Point 1 Z (in)	Point 2 Y (in)	Point 2 Z (in)	Point 3 Y (in)	Point 3 Z (in)	Point 4 Y (in)	Point 4 Z (in)	Point 5 Y (in)	Point 5 Z (in)	Point 6 Y (in)	Point 6 Z (in)
Rect 1.900x 20.00	0.7500	10.0000	0.7500	-10.0000	-0.7500	-10.0000	-0.7500	10.0000	(none)	(none)	(none)	(none)
Rect 1.750x 28.00	0.8750	14.0000	0.8750	-14.0000	-0.8750	-14.0000	-0.8750	14.0000	(none)	(none)	(none)	(none)
Rect 1.250x 20.00	0.6250	10.0000	0.6250	-10.0000	-0.6250	-10.0000	-0.6250	10.0000	(none)	(none)	(none)	(none)
Rect 1.250x 28.00	0.6250	14.0000	0.6250	-14.0000	-0.6250	-14.0000	-0.6250	14.0000	(none)	(none)	(none)	(none)
2L6x4x3/4 [DB American]	4.2250	0.0000	-1.7750	-6.0000	-1.7750	6.0000	(none)	(none)	(none)	(none)	(none)	(none)
L6x6x3/4 [DB American]	4.2250	-1.7750	-1.7750	-1.7750	-1.7750	4.2250	(none)	(none)	(none)	(none)	(none)	(none)

INPUT : Section Dimensions

Name	Shape	Dimension D1	Dimension D2	Dimension D3	Dimension D4	Dimension D5	Dimension D6
Rigid Connection	Unspecified						
Rect 2.000x 20.00	Rectangle	2.0000	20.0000				
Rect 2.750x 28.00	Rectangle	2.7500	28.0000				
Rect 2.449x 2.449	Rectangle	2.4495	2.4495				
Rect 1.500x 20.00	Rectangle	1.5000	20.0000				
Rect 1.750x 28.00	Rectangle	1.7500	28.0000				
Rect 1.250x 20.00	Rectangle	1.2500	20.0000				
Rect 1.250x 28.00	Rectangle	1.2500	28.0000				
2L6x4x3/4 [DB American]	2L Shape (DB)	6	4	.75	0		
L6x6x3/4 [DB American]	Angle (DB)	6	6	.75			

INPUT : More Material Properties

Name	Yield Stress (m-ton/m²)	Post-yield to Initial Slope Ratio	Concrete Strength Specimen	Concrete fc28 or Steel Fu (m-ton/m²)	Concrete Cement Hardening Type	Tendon GUTS (m-ton/m²)	Material Time-Effect	Assigned
A572-G50	35,155.34	0.020	Cylinder	45,696.34	Not Concrete	0.00	(NONE)	Yes
Fu_5	0.00	0.020	Cylinder	3,515.33	Not Concrete	0.00	(NONE)	Yes
Rigid Material	0.00	0.020	Cylinder	0.00	Not Concrete	0.00	(NONE)	Yes

STRUCTURE GROUP SUMMARY

DIAFRAGMAS

Members

123	124	125	126	139	140	141	142	155	156
157	158	171	172	173	174	187	188	189	190
203	204	205	206	219	220	221	222	235	236
237	238	251	252	253	254	267	268	269	270
283	284	285	286	299	289	290	291	304	305
306	307	320	321	322	323	336	337	338	339
352	353	354	355	368	369	370	371	384	385
386	387	400	401	402	403	416	417	418	419
432	433	434	435	448	449	450	451	453	454
455	456	469	470	471	472	485	486	487	488
501	502	503	504	517	518	519	520	533	534
535	536	549	550	551	552	565	566	567	568
581	582	583	584	597	598	599	600	613	614
615	616	618	619	620	621	634	635	636	637
650	651	652	653	666	667	668	669	682	683
684	685	698	699	700	701	714	715	716	717
730	731	732	733	746	747	748	749	762	763
764	765	778	779	780	781	793	794	795	796
799	800	801	802	815	816	817	818	831	832
833	834	847	848	849	850	863	864	865	866
879	880	881	882	895	896	897	898	911	912
913	914	927	928	929	930	943	944	945	946
948	949	950	951	964	965	966	967	980	981
982	983	996	997	998	999	1012	1013	1014	1015
1028	1029	1030	1031	1044	1045	1046	1047	1060	1061
1062	1063	1076	1077	1078	1079	1092	1093	1094	1095
1108	1109	1110	1111	1113	1114	1115	1116	1128	1130
1131	1132	1145	1146	1147	1148	1161	1162	1163	1164
1177	1178	1179	1180	1193	1194	1195	1196	1208	1210
1211	1212	1225	1226	1227	1228	1241	1242	1243	1244
1257	1258	1259	1260	1273	1274	1275	1276	1276	1276

1290	1291	1294	1295	1296	1297	1310	1311	1312	1313
1326	1327	1328	1329	1342	1343	1344	1345	1358	1359
1360	1361	1374	1375	1376	1377	1390	1391	1392	1393
1406	1407	1408	1409	1422	1423	1424	1425	1438	1439
1440	1441	1443	1444	1445	1446	1459	1460	1461	1462
1475	1476	1477	1478	1491	1492	1493	1494	1507	1508
1509	1510	1523	1524	1525	1526	1539	1540	1541	1542
1555	1556	1557	1558	1571	1572	1573	1574	1587	1588
1589	1590	1603	1604	1605	1606				

VIGA1

Joints

1150	1151	1153	1154	1156	1157	1158	1160	1162	1163
1165	1166	1168	1169	1171	1172	1174	1175	1177	1178
1180	1181	1183	1184	1186	1187	1188	1190	1192	1193
1195	1196	1198	1199	1201	1202	1204	1205	1207	1208
1210	1211	1213	1214	1216	1217	1219	1220	1223	1223
1225	1226	1228	1229	1231	1232	1234	1235	1237	1238
1240	1241	1243	1244	1246	1247	1249	1250	1252	1253
1255	1256	1258	1259	1261	1262	1264	1265	1267	1268
1270	1271								

Members

1448	1449	1451	1452	1454	1455	1457	1458	1464	1465
1467	1468	1470	1471	1473	1474	1480	1481	1493	1494
1496	1497	1499	1500	1496	1497	1499	1500	1502	1503
1505	1506	1512	1513	1515	1516	1518	1519	1521	1522
1529	1529	1531	1532	1534	1535	1537	1538	1544	1545
1547	1548	1550	1551	1553	1554	1560	1561	1563	1564
1566	1567	1569	1570	1576	1577	1579	1580	1582	1583
1585	1586	1592	1593	1596	1596	1598	1599	1601	1602

Plates

361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400

VIGA2

Joints

1027	1028	1030	1031	1033	1034	1036	1037	1039	1040
1042	1043	1045	1046	1048	1049	1051	1052	1054	1055
1057	1058	1060	1061	1063	1064	1066	1067	1069	1070
1072	1073	1075	1076	1078	1079	1081	1082	1084	1085
1087	1088	1090	1091	1093	1094	1096	1097	1099	1100
1102	1103	1105	1106	1108	1109	1111	1112	1114	1115
1117	1118	1120	1121	1123	1124	1126	1127	1129	1130
1132	1133	1135	1136	1138	1139	1141	1142	1144	1145
1147	1148								

Members

1293	1294	1296	1297	1299	1290	1292	1293	1299	1300
1302	1303	1305	1306	1308	1309	1315	1316	1318	1319
1321	1322	1324	1325	1331	1332	1334	1335	1337	1338
1340	1341	1347	1348	1350	1351	1353	1354	1356	1357
1363	1364	1366	1367	1369	1370	1372	1373	1379	1380
1382	1383	1385	1386	1388	1389	1395	1396	1398	1399
1401	1402	1404	1405	1411	1412	1414	1415	1417	1418
1420	1421	1427	1428	1430	1421	1433	1434	1436	1437

Plates

321	322	323	324	325	326	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360

VIGA3

Joints

904	905	907	908	910	911	913	914	916	917
919	920	922	923	925	926	928	929	931	932
934	935	937	938	940	941	943	944	946	947
949	950	952	953	955	956	958	959	961	962
964	965	967	968	970	971	973	974	976	977
979	980	982	983	985	986	988	989	991	992
994	995	997	998	1000	1001	1003	1004	1006	1007
1008	1010	1012	1013	1015	1016	1018	1019	1021	1022

1024	1025								
Members									
1118	1119	1121	1122	1124	1125	1127	1128	1134	1135
1137	1138	1140	1141	1143	1144	1150	1151	1153	1154
1156	1157	1159	1160	1186	1167	1168	1170	1172	1173
1175	1176	1182	1183	1185	1189	1188	1189	1191	1192
1196	1199	1201	1202	1204	1205	1207	1208	1214	1215
1217	1218	1220	1221	1223	1224	1230	1231	1233	1234
1236	1237	1239	1240	1246	1247	1249	1250	1252	1253
1255	1256	1262	1263	1265	1266	1268	1269	1271	1272
Plates									
281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
VIGA4									
Joints									
781	782	784	785	787	788	790	791	793	794
796	797	799	800	802	803	805	806	808	809
811	813	814	815	817	818	820	821	823	824
826	827	829	830	832	833	835	836	838	839
841	842	844	845	847	848	850	851	853	854
856	857	859	860	862	863	865	866	868	869
871	872	874	875	877	878	880	881	883	884
886	887	889	890	892	893	895	896	898	899
901	902								
Members									
953	954	956	957	959	960	962	963	969	970
972	973	975	976	978	979	985	986	988	989
991	992	994	995	1001	1002	1004	1005	1007	1008
1010	1011	1017	1019	1020	1021	1023	1024	1026	1027
1033	1034	1036	1037	1039	1040	1042	1043	1049	1050
1052	1053	1055	1056	1058	1059	1065	1066	1068	1069
1071	1072	1074	1075	1081	1082	1084	1080	1087	1088
1090	1091	1097	1098	1100	1101	1103	1104	1106	1107

Plates									
241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280
VIGA8									
Joints									
658	659	661	662	664	665	667	668	670	671
673	674	676	677	679	680	682	683	685	686
688	689	691	692	694	695	697	698	700	701
703	704	706	707	709	710	712	713	715	716
718	719	721	722	724	725	727	728	730	731
733	734	736	737	739	740	742	743	745	746
748	749	751	752	754	755	757	758	760	761
763	764	766	767	769	770	772	773	775	776
778	779								
Members									
788	789	791	792	794	795	797	799	804	805
807	808	810	811	813	814	820	821	823	824
826	827	829	830	836	837	839	840	842	843
845	846	852	853	855	856	858	859	861	862
868	869	871	872	874	875	877	878	884	885
887	888	890	891	893	894	900	901	903	904
906	907	909	910	916	917	919	920	922	923
925	926	932	933	935	936	938	939	941	942
Plates									
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240
VIGA8									
Joints									
535	536	538	539	541	542	544	545	547	548
550	551	553	554	556	557	559	560	562	563

585	586	588	589	571	572	574	575	577	578
580	581	583	584	586	587	589	590	592	593
595	596	598	599	601	602	604	605	607	608
610	611	613	614	616	617	619	620	622	623
625	626	628	629	631	632	634	635	637	638
640	641	643	644	646	647	649	650	652	653
655	656								
Members									
623	624	626	627	629	630	632	633	635	640
642	643	645	646	648	649	655	656	658	659
661	662	664	665	671	672	674	675	677	678
680	681	687	688	690	691	693	694	696	697
703	704	706	707	709	710	712	713	719	720
722	723	725	726	728	729	735	736	738	739
741	742	744	745	751	752	754	755	757	758
760	761	767	768	770	771	773	774	776	777
Plates									
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200
VIGA7									
Joints									
412	413	415	416	418	419	421	422	424	425
427	428	430	431	433	434	436	437	439	440
442	443	445	446	448	449	451	452	454	455
457	458	460	461	463	464	466	467	469	470
472	473	475	476	478	479	481	482	484	485
487	488	490	491	493	494	496	497	499	500
502	503	505	506	508	509	511	512	514	515
517	518	520	521	523	524	526	527	529	530
532	533								
Members									
458	459	461	462	464	465	467	468	474	475
477	478	480	481	483	484	490	491	493	494

496	497	499	500	508	507	509	510	512	513
515	516	522	523	525	526	528	529	531	532
539	539	541	542	544	545	547	548	554	555
557	559	560	561	563	564	570	571	573	574
576	577	579	580	589	587	589	590	592	593
595	596	602	603	605	606	608	609	611	612
Plates									
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
VIGA8									
Joints									
289	290	292	293	295	296	298	299	301	302
304	305	307	308	310	311	313	314	316	317
319	320	322	323	325	326	328	329	331	332
334	335	337	338	340	341	343	344	346	347
349	350	352	353	355	356	358	359	361	362
364	365	367	368	370	371	373	374	376	377
379	380	382	383	385	386	388	389	391	392
394	395	397	398	400	401	403	404	406	407
409	410								
Members									
293	294	296	297	299	300	302	303	309	310
312	313	315	316	318	319	325	326	328	329
331	332	334	335	341	342	344	345	347	348
350	351	357	358	360	361	363	364	366	367
373	374	376	377	379	380	382	383	389	390
392	393	395	396	398	399	405	406	408	409
411	412	414	415	421	422	424	425	427	428
430	431	437	438	440	441	443	444	446	447
Plates									
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110

111 112 113 114 115 116 117 118 119 120

Load Cases

ID	Name	Analysis Type	Class	Status	Weight Factor X	Weight Factor Y	Weight Factor Z	Is Dynamic Mass?	Assigned to Load Combinat	# of Joint Loads	# of Support Loads	# of Member Loads	# of Member Thermal	# of Plate Loads	# of Moving Loads	# of THA Loading	# of THA Initial
1	INFLUENCE-	Moving	None	Active	0.0000	0.0000	0.0000	No	No	0	0	0	0	0	0	0	0

POST-COMPUTED RESULT CASES SUMMARY

Influence Based Case: T3S2R4

Influence Line	Influence Surface Coefficients CENTRO GZ-
Vehicle	T3S2R4J
Vehicle	T3-S3
Vehicle	HB-20
Transverse Offset	0
Lane Loading Method	Constant Loading
Lane Load	0
Back-to-Front Vehicle Spacing	0
Side-to-Side Vehicle Spacing	1.2
Load for Extreme Force Effects	No
AASHTO-LFD Point Loading	No
Complete Patterns Only	No
Vehicle Placement	One Vehicle Per Design Lane
Design Lane Width	1.8
Design Lane Margin	0
Multiple Presence Factors	1\1.\8\.75
Include Lane Load Under Vehicles	No

Influence Based Case: CF

Influence Line	Influence Surface Coefficients CENTRO GZ-
Vehicle	T3S2R4J
Transverse Offset	0
Lane Loading Method	Constant Loading
Lane Load	0
Back-to-Front Vehicle Spacing	0
Side-to-Side Vehicle Spacing	0
Load for Extreme Force Effects	No
AASHTO-LFD Point Loading	No
Complete Patterns Only	No
Vehicle Placement	One Vehicle Per Design Lane
Design Lane Width	15
Design Lane Margin	0
Multiple Presence Factors	1\1
Include Lane Load Under Vehicles	No

Influence Based Case: T7352Rs Y 2 HS20

Influence Line	Influence Surface Coefficients CENTRO GZ-		
Vehicle	T352R44		
Vehicle	T3-S3		
Vehicle	HS-20		
Transverse Offset	0		
Lane Loading Method	Constant Loading		
Lane Load	0		
Back-to-Front Vehicle Spacing	0		
Side-to-Side Vehicle Spacing	1.2		
Load for Extreme Force Effects	No		
AASHTO-LFD Point Loading	No		
Complete Patterns Only	No		
Vehicle Placement	One Vehicle Per Design Lane		
Design Lane Width	1.8		
Design Lane Margin	0		
Multiple Presence Factors	1| 1| .9| .7		
Include Lane Load Under Vehicles	No		
Linear Result Combination: 2.71375LL+1.3CF			
Combine For Extreme Effects	Yes		
Load Class	None		
Case	Factor	Load Class	Incremental
T352R4	2.71375	None	No
CF	1.3	None	No

Result Cases Summary

Linear Combinations: 2.71375LL+1.3CF
Influence-Based: T352R4 * 2.71375

Influence Surface Coefficients CENTRO GZ-

T352R4-2D

T352R4-2D

T352R4-2D

1.2m side-to-side vehicle spacing.

Influence-Based: CF * 1.3

Influence Surface Coefficients CENTRO GZ-

CF-PAR@15M [0.267ft]

RESULT ENVELOPE :Reactions @ Force Z (kips) Result Cases

2.71375LL+1.3CF		

RESULT ENVELOPE :Reactions @ Force Z (kips)

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
44	2.71375LL+1.3CF	-72.5300	10.9818	-66.0734	0.0000	0.0000	0.0000
44	T352R4: s17.A-6.168; s31.A-	11.0827	-4.9647	126.0355	0.0000	0.0000	0.0000
164	2.71375LL+1.3CF	0.0000	0.0000	-86.9326	0.0000	0.0000	0.0000
164	T352R4: s42.A-6.168; s35.A-	0.0000	0.0000	124.8050	0.0000	0.0000	0.0000
167	2.71375LL+1.3CF	-15.0159	0.0000	-60.1065	0.0000	0.0000	0.0000
167	T352R4: s20.A-6.168; s24.A-	-12.4986	0.0000	120.1673	0.0000	0.0000	0.0000
287	2.71375LL+1.3CF	0.0000	0.0000	-56.7544	0.0000	0.0000	0.0000
287	T352R4: s42.A-6.168; s37.A-	0.0000	0.0000	114.7983	0.0000	0.0000	0.0000
290	2.71375LL+1.3CF	14.0323	0.0000	-18.4399	0.0000	0.0000	0.0000
290	T352R4: s17.A-3.825; s23.I0.981	17.4170	0.0000	92.8268	0.0000	0.0000	0.0000
410	2.71375LL+1.3CF	0.0000	0.0000	-25.8339	0.0000	0.0000	0.0000
410	T352R4: s42.A-3.825; s36.I0.561	0.0000	0.0000	78.8385	0.0000	0.0000	0.0000
413	2.71375LL+1.3CF	3.8294	0.0000	-2.8304	0.0000	0.0000	0.0000
413	T352R4: s18.A-1.662; s24.A-	23.8328	0.0000	109.9631	0.0000	0.0000	0.0000
533	2.71375LL+1.3CF	0.0000	0.0000	-5.4593	0.0000	0.0000	0.0000
533	T352R4: s45.A-1.662; s36.A-	0.0000	0.0000	91.1734	0.0000	0.0000	0.0000
536	2.71375LL+1.3CF	0.3554	0.0000	-0.6327	0.0000	0.0000	0.0000
536	2.71375LL+1.3CF	51.1777	0.0000	116.2288	0.0000	0.0000	0.0000
656	2.71375LL+1.3CF	0.0000	0.0000	-0.8133	0.0000	0.0000	0.0000
656	T352R4: s45.A-0.561; s36.A-	0.0000	0.0000	87.1359	0.0000	0.0000	0.0000
659	T352R4: s4.A-6.168; s0.67.289	-2.0808	0.0000	-0.8123	0.0000	0.0000	0.0000
659	2.71375LL+1.3CF	51.1072	0.0000	126.8320	0.0000	0.0000	0.0000
779	T352R4: s0.A-0.561	0.0000	0.0000	-0.0039	0.0000	0.0000	0.0000
779	2.71375LL+1.3CF	0.0000	0.0000	106.2213	0.0000	0.0000	0.0000
		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
782	2.71375LL+1.3CF	97.6179	0.0000	161.2202	0.0000	0.0000	0.0000
902	T352R4: s59.A-6.168	0.0000	0.0000	-0.0297	0.0000	0.0000	0.0000
902	2.71375LL+1.3CF	0.0000	0.0000	138.8614	0.0000	0.0000	0.0000
905	T352R4: s4.A-6.168; s0.A-1.662	0.4839	0.0000	-0.1093	0.0000	0.0000	0.0000

RESULT ENVELOPE Reactions @ Force Z (kips)

Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
905	2.7137SLL+1.3CF	55.0808	0.0000	130.1889	0.0000	0.0000	0.0000
1025	T352R4: s05,h-6,168	0.0000	0.0000	-0.0785	0.0000	0.0000	0.0000
1025	2.7137SLL+1.3CF	0.0000	0.0000	132.0969	0.0000	0.0000	0.0000
1028	T352R4: s4,h-6,168; s0,h-0,561	2.2373	0.0000	-0.2729	0.0000	0.0000	0.0000
1028	2.7137SLL+1.3CF	-113.1796	0.0000	226.5121	0.0000	0.0000	0.0000
1148	T352R4: s42,h-6,168	0.0000	0.0000	-2.7584	0.0000	0.0000	0.0000
1148	2.7137SLL+1.3CF	0.0000	0.0000	242.1472	0.0000	0.0000	0.0000
1151	T352R4: s0,h2,804; s17,h-6,168;	98.8405	0.0000	-2.2325	0.0000	0.0000	0.0000
1151	2.7137SLL+1.3CF	-36.9514	0.0000	275.6514	0.0000	0.0000	0.0000
1271	T352R4: s36,h-6,168	0.0000	0.0000	-7.5982	0.0000	0.0000	0.0000
1271	2.7137SLL+1.3CF	0.0000	0.0000	270.5132	0.0000	0.0000	0.0000

RESULT ENVELOPE Member End Forces (Local) @ Force X (kips) Result Cases

2.7137SLL+1.3CF

RESULT ENVELOPE Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
123	166	2.7137SLL+1.3CF	-15.4823	0.0685	0.0572	-0.0613	-1.1911	0.3954
123	166	T352R4: s17,h-5,046; s33,h-0,561	16.9019	-0.0657	-0.1668	-0.0650	0.6424	-0.3263
123	44	T352R4: s17,h-5,046; s33,h-0,561	-16.9019	0.0657	0.1668	0.0650	1.0117	-0.2556
123	44	2.7137SLL+1.3CF	15.4823	-0.0685	-0.0572	0.0613	0.8646	0.2114
124	167	2.7137SLL+1.3CF	-23.7530	0.0173	0.1660	-0.0007	-0.1429	-0.0578
124	167	T352R4: s17,h-6,168; s20,h-1,682	34.5944	-0.0164	0.1383	0.0018	-0.6741	0.0907
124	43	T352R4: s17,h-6,168; s20,h-1,682	-34.5944	0.0164	-0.1383	-0.0018	-0.3099	-0.3362
124	43	2.7137SLL+1.3CF	23.7530	-0.0173	-0.1660	0.0007	-1.5045	0.2113
125	166	T352R4: s17,h-6,168; s35,h-1,682	-1.3912	0.1237	0.0000	0.0000	0.0000	-0.1239
125	166	T352R4: s7,h-2,804; s34,h7,288;	2.0210	-0.1306	0.0000	0.0000	0.0000	-0.3401
125	43	T352R4: s7,h-2,804; s34,h7,288;	-2.0210	0.1306	0.0000	0.0000	0.0000	-0.4670
125	43	T352R4: s17,h-6,168; s35,h-1,682	1.3912	-0.1237	0.0000	0.0000	0.0000	0.7934
126	167	T352R4: s17,h-5,046; s29,h-0,561	-14.0886	0.0613	0.0000	0.0000	0.0000	0.0912
126	167	2.7137SLL+1.3CF	16.0440	0.0259	0.0000	0.0000	0.0000	0.1106
126	44	2.7137SLL+1.3CF	-16.0440	-0.0259	0.0000	0.0000	0.0000	0.0294

RESULT ENVELOPE Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
126	44	T352R4: s17,h-5,046; s29,h-0,561	14.0886	-0.0613	0.0000	0.0000	0.0000	0.2409
139	178	2.7137SLL+1.3CF	-16.1460	0.0159	0.4433	-0.0218	-2.1046	0.1148
139	178	2.7137SLL+1.3CF	4.0295	-0.0029	-0.0987	0.0013	0.2184	-0.0503
139	56	2.7137SLL+1.3CF	-4.0295	0.0029	0.0987	-0.0013	0.2841	0.0244
139	56	2.7137SLL+1.3CF	16.1460	-0.0159	-0.4433	0.0218	-1.8218	0.0263
140	179	2.7137SLL+1.3CF	-4.0714	0.0263	-0.0232	0.0018	0.0638	0.0725
140	179	2.7137SLL+1.3CF	19.9082	-0.1583	0.5618	-0.0175	-2.5232	-0.5138
140	55	2.7137SLL+1.3CF	-19.9082	0.1583	-0.5618	0.0175	-2.4033	-0.5881
140	55	2.7137SLL+1.3CF	4.0714	-0.0263	0.0232	-0.0018	0.1400	0.1800
141	179	T352R4: s18,h-5,046; s25,h-0,561	-2.8292	0.0385	0.0000	0.0000	0.0000	0.1597
141	179	T352R4: s25,h7,288; s8,h-2,804	0.8666	-0.0222	0.0000	0.0000	0.0000	-0.0823
141	55	T352R4: s25,h7,288; s8,h-2,804	-0.8666	0.0222	0.0000	0.0000	0.0000	-0.0378
141	55	T352R4: s18,h-5,046; s25,h-0,561	2.8292	-0.0385	0.0000	0.0000	0.0000	0.0490
142	179	2.7137SLL+1.3CF	-10.7747	0.0678	0.0000	0.0000	0.0000	0.0992
142	179	2.7137SLL+1.3CF	9.3982	-0.0304	0.0000	0.0000	0.0000	-0.0963
142	56	2.7137SLL+1.3CF	-9.3982	0.0304	0.0000	0.0000	0.0000	-0.1084
142	56	2.7137SLL+1.3CF	10.7747	-0.0678	0.0000	0.0000	0.0000	0.2990
155	190	2.7137SLL+1.3CF	-24.0684	-0.0052	0.3665	-0.0186	-1.8287	0.0387
155	190	2.7137SLL+1.3CF	5.2328	0.0003	0.0246	-0.0023	-0.1547	-0.0065
155	68	2.7137SLL+1.3CF	-5.2328	-0.0003	-0.0246	0.0023	-0.0830	0.0592
155	68	2.7137SLL+1.3CF	24.0684	0.0052	-0.3665	0.0186	-1.5968	-0.0797
156	191	2.7137SLL+1.3CF	-4.7858	0.0357	0.0294	-0.0005	-0.1559	0.1183
156	191	2.7137SLL+1.3CF	29.7797	-0.1915	0.4767	-0.0150	-2.1356	-0.6592
156	67	2.7137SLL+1.3CF	-29.7797	0.1915	-0.4767	0.0150	-2.1045	-1.0371
156	67	2.7137SLL+1.3CF	4.7858	-0.0357	-0.0294	0.0005	-0.1045	0.1861
157	190	T352R4: s22,h-5,046; s23,h-0,561	-4.7264	0.0672	0.0000	0.0000	0.0000	0.2426
157	190	T352R4: s26,h7,288; s31,h2,804	2.8851	-0.1127	0.0000	0.0000	0.0000	-0.2641
157	67	T352R4: s26,h7,288; s31,h2,804	-2.8351	0.1127	0.0000	0.0000	0.0000	-0.3459
157	67	T352R4: s22,h-5,046; s23,h-0,561	4.7264	-0.0672	0.0000	0.0000	0.0000	0.1213
158	191	T352R4: s22,h-5,046; s22,h-0,561	-15.8980	0.1043	0.0000	0.0000	0.0000	0.1294
158	191	2.7137SLL+1.3CF	21.0096	-0.0717	0.0000	0.0000	0.0000	-0.0879
158	68	2.7137SLL+1.3CF	-21.0096	0.0717	0.0000	0.0000	0.0000	-0.2904
158	68	T352R4: s22,h-5,046; s22,h-0,561	15.8980	-0.1043	0.0000	0.0000	0.0000	0.4352
171	202	2.7137SLL+1.3CF	-29.0596	-0.0234	0.2666	-0.0127	-1.2575	-0.0627

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
171	202	2.71375LL+1.3CF	4.8884	0.0020	0.0134	-0.0012	-0.0857	-0.0621
171	80	2.71375LL+1.3CF	-4.8884	-0.0020	-0.0134	0.0012	-0.0000	0.0798
171	80	2.71375LL+1.3CF	29.0599	0.0234	-0.2686	0.0127	-1.1039	-0.1450
172	203	2.71375LL+1.3CF	-4.5084	0.0372	0.0112	-0.0002	-0.0581	0.1262
172	203	2.71375LL+1.3CF	34.9647	-0.2076	0.3231	-0.0102	-1.4369	-0.7328
172	79	2.71375LL+1.3CF	-34.9647	0.2076	-0.3231	0.0102	-1.4249	-1.1050
172	79	2.71375LL+1.3CF	4.5084	-0.0372	-0.0112	0.0002	-0.0409	0.2035
173	202	T352R4: s26,N-5.046; s25,N-0.561	-5.7362	0.0747	0.0000	0.0000	0.0000	0.2618
173	202	T352R4: s28,N7.289; s31,N2.804	3.9978	-0.1419	0.0000	0.0000	0.0000	-0.3333
173	79	T352R4: s28,N7.289; s31,N2.804	-3.9978	0.1419	0.0000	0.0000	0.0000	-0.4351
173	79	T352R4: s26,N-5.046; s25,N-0.561	5.7362	-0.0747	0.0000	0.0000	0.0000	0.1423
174	203	T352R4: s26,N-5.046; s25,N-0.561	-18.8256	0.1493	0.0000	0.0000	0.0000	0.2131
174	203	2.71375LL+1.3CF	29.2248	-0.1194	0.0000	0.0000	0.0000	-0.1704
174	80	2.71375LL+1.3CF	-29.2248	0.1194	0.0000	0.0000	0.0000	-0.4762
174	80	T352R4: s26,N-5.046; s25,N-0.561	18.8256	-0.1493	0.0000	0.0000	0.0000	0.5953
187	214	2.71375LL+1.3CF	-31.0683	-0.0328	0.1625	-0.0072	-0.7450	-0.0895
187	214	2.71375LL+1.3CF	4.2200	0.0027	0.0119	-0.0008	-0.0659	-0.0670
187	92	2.71375LL+1.3CF	-4.2200	-0.0027	-0.0119	0.0008	-0.0594	0.0911
187	92	2.71375LL+1.3CF	31.0683	0.0328	-0.1622	0.0072	-0.6901	-0.1811
188	215	2.71375LL+1.3CF	-3.6208	0.0351	-0.0089	0.0001	0.0408	0.1188
188	215	2.71375LL+1.3CF	37.1362	-0.2124	0.2046	-0.0067	-0.9112	-0.7640
188	91	2.71375LL+1.3CF	-37.1362	0.2124	-0.2046	0.0067	-0.9010	-1.1172
188	91	2.71375LL+1.3CF	3.6208	-0.0351	0.0089	-0.0001	0.0378	0.1912
189	214	T352R4: s28,N-5.046; s26,N-0.561	-6.0869	0.0790	0.0000	0.0000	0.0000	0.2700
189	214	T352R4: s28,N7.289; s31,N2.804	4.6843	-0.1614	0.0000	0.0000	0.0000	-0.3808
189	91	T352R4: s28,N7.289; s31,N2.804	-4.6843	0.1614	0.0000	0.0000	0.0000	-0.4828
189	91	T352R4: s26,N-5.046; s26,N-0.561	6.0869	-0.0790	0.0000	0.0000	0.0000	0.1682
190	215	T352R4: s30,N-5.046; s25,N-0.561	-21.3267	0.1686	0.0000	0.0000	0.0000	0.2529
190	215	2.71375LL+1.3CF	34.5760	-0.1481	0.0000	0.0000	0.0000	-0.2100
190	92	2.71375LL+1.3CF	-34.5760	0.1481	0.0000	0.0000	0.0000	-0.5915
190	92	T352R4: s30,N-5.046; s25,N-0.561	21.3267	-0.1686	0.0000	0.0000	0.0000	0.6596
203	228	T352R4: s31,N-6.188; s31,N7.289;	-28.9851	-0.0361	-0.0201	-0.0001	0.0580	-0.1257
203	229	2.71375LL+1.3CF	3.9088	0.0036	0.0108	-0.0006	-0.0585	-0.0654
203	194	2.71375LL+1.3CF	-3.9088	-0.0036	-0.0108	0.0006	-0.0370	0.0977

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
203	194	T352R4: s31,N-6.188; s31,N7.289;	28.9851	0.0361	0.0201	0.0001	0.1200	-0.2117
204	227	2.71375LL+1.3CF	-3.9149	0.0355	0.0103	-0.0001	-0.0562	0.1209
204	227	T352R4: s30,N-6.188; s31,N7.289;	36.4507	-0.2152	-0.0073	0.0002	0.0460	-0.7707
204	103	T352R4: s30,N-6.188; s31,N7.289;	-36.4507	0.2152	0.0073	-0.0002	0.0191	-1.1355
204	103	2.71375LL+1.3CF	3.9149	-0.0355	-0.0103	0.0001	-0.0349	0.1937
205	226	T352R4: s27,N-5.046; s27,N-0.561	-6.1294	0.0774	0.0000	0.0000	0.0000	0.2643
205	226	T352R4: s31,N7.289; s31,N2.804	4.9327	-0.1673	0.0000	0.0000	0.0000	-0.3951
205	103	T352R4: s31,N7.289; s31,N2.804	-4.9327	0.1672	0.0000	0.0000	0.0000	-0.5106
205	103	T352R4: s27,N-5.046; s27,N-0.561	6.1294	-0.0774	0.0000	0.0000	0.0000	0.1345
206	227	T352R4: s30,N-5.046; s29,N-0.561	-22.0374	0.1723	0.0000	0.0000	0.0000	0.2579
206	227	2.71375LL+1.3CF	36.2752	-0.1633	0.0000	0.0000	0.0000	-0.2371
206	104	2.71375LL+1.3CF	-36.2752	0.1633	0.0000	0.0000	0.0000	-0.6472
206	104	T352R4: s30,N-5.046; s29,N-0.561	22.0374	-0.1723	0.0000	0.0000	0.0000	0.6751
219	236	T352R4: s33,N-6.188; s33,N7.289;	-28.2091	-0.0343	-0.1292	0.0069	0.6297	-0.1099
219	238	2.71375LL+1.3CF	4.8915	0.0051	-0.0007	0.0003	0.0203	-0.0536
219	116	2.71375LL+1.3CF	-4.8915	-0.0051	0.0007	-0.0003	-0.0139	0.0886
219	116	T352R4: s33,N-6.188; s33,N7.289;	28.2091	0.0343	0.1292	-0.0069	0.4878	-0.1942
220	239	2.71375LL+1.3CF	-4.9825	0.0364	-0.0065	-0.0001	0.0407	0.1304
220	239	2.71375LL+1.3CF	37.7386	-0.2213	-0.1886	0.0062	0.8137	-0.7864
220	115	2.71375LL+1.3CF	-37.7386	0.2213	0.1886	-0.0062	0.8047	-1.1740
220	115	2.71375LL+1.3CF	4.9825	-0.0364	0.0065	0.0001	0.0189	0.2093
221	238	T352R4: s31,N-5.046; s33,N-0.561	-6.1310	0.0648	0.0000	0.0000	0.0000	0.2855
221	238	T352R4: s31,N7.289; s31,N2.804	4.7122	-0.1556	0.0000	0.0000	0.0000	-0.3689
221	115	T352R4: s31,N7.289; s31,N2.804	-4.7122	0.1556	0.0000	0.0000	0.0000	-0.4732
221	115	T352R4: s31,N-5.046; s33,N-0.561	6.1310	-0.0846	0.0000	0.0000	0.0000	0.1722
222	239	T352R4: s31,N-5.046; s33,N-0.561	-21.5186	0.1628	0.0000	0.0000	0.0000	0.2365
222	239	2.71375LL+1.3CF	34.3069	-0.1579	0.0000	0.0000	0.0000	-0.2304
222	116	2.71375LL+1.3CF	-34.3069	0.1579	0.0000	0.0000	0.0000	-0.6246
222	116	T352R4: s31,N-5.046; s33,N-0.561	21.5186	-0.1628	0.0000	0.0000	0.0000	0.6436
235	250	2.71375LL+1.3CF	-29.2603	-0.0074	-0.2539	0.0130	1.2323	-0.0799
235	250	2.71375LL+1.3CF	5.6562	0.0052	-0.0095	0.0009	0.0498	-0.0442
235	129	2.71375LL+1.3CF	-5.6562	-0.0052	0.0035	-0.0009	-0.0190	0.0899
235	129	2.71375LL+1.3CF	29.2603	0.0074	0.2539	-0.0130	1.0153	-0.1639
236	251	2.71375LL+1.3CF	-5.6557	0.0050	-0.0106	-0.0009	0.0744	0.1252

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
236	251	2.71375LL+1.3CF	99.2646	-0.2132	-0.3377	0.0109	1.4774	-0.7470
236	127	2.71375LL+1.3CF	-95.2646	0.2132	0.3377	-0.0109	1.5132	-1.1409
236	127	2.71375LL+1.3CF	5.6837	-0.0350	0.0108	0.0003	0.0212	0.1947
237	250	T352R4: s35,h-5.046; s35,h-0.561	-5.5339	0.0815	0.0000	0.0000	0.0000	0.2750
237	250	T352R4: s32,f7.289; s31,f2.804	4.0955	-0.1341	0.0000	0.0000	0.0000	-0.3176
237	127	T352R4: s32,f7.289; s31,f2.804	-4.0955	0.1341	0.0000	0.0000	0.0000	-0.4081
237	127	T352R4: s35,h-5.046; s35,h-0.561	5.5339	-0.0815	0.0000	0.0000	0.0000	0.1962
238	251	T352R4: s35,h-5.046; s35,h-0.561	-19.6902	0.1344	0.0000	0.0000	0.0000	0.1911
238	251	2.71375LL+1.3CF	29.1916	-0.1394	0.0000	0.0000	0.0000	-0.2110
238	128	2.71375LL+1.3CF	-29.1916	0.1394	0.0000	0.0000	0.0000	-0.5438
238	128	T352R4: s35,h-5.046; s35,h-0.561	19.6902	-0.1344	0.0000	0.0000	0.0000	0.5463
251	262	2.71375LL+1.3CF	-21.4760	-0.0121	-0.3464	0.0176	1.6734	-0.0119
251	262	2.71375LL+1.3CF	6.3768	0.0039	-0.0250	0.0029	0.1747	-0.0399
251	140	2.71375LL+1.3CF	-6.3768	-0.0039	0.0250	-0.0029	0.0496	0.0695
251	140	2.71375LL+1.3CF	21.4760	0.0121	0.3464	-0.0176	1.3947	-0.0953
252	263	2.71375LL+1.3CF	-6.6417	0.0396	-0.0491	0.0005	0.2550	0.1355
252	263	2.71375LL+1.3CF	26.8211	-0.1559	-0.4706	0.0145	2.1442	-0.5664
252	139	2.71375LL+1.3CF	-26.8211	0.1559	0.4706	-0.0145	2.0237	-0.8145
252	139	2.71375LL+1.3CF	6.6417	-0.0396	0.0491	-0.0005	0.1803	0.2153
253	262	T352R4: s39,h-5.046; s39,h-0.561	-4.4892	0.0767	0.0000	0.0000	0.0000	0.2625
253	262	T352R4: s34,f7.289; s32,f2.804; s49,h-	2.4916	-0.0056	0.0000	0.0000	0.0000	-0.1689
253	139	T352R4: s34,f7.289; s32,f2.804; s49,h-	-2.4916	0.0056	0.0000	0.0000	0.0000	-0.1323
253	139	T352R4: s39,h-5.046; s39,h-0.561	4.4892	-0.0767	0.0000	0.0000	0.0000	0.1527
254	263	T352R4: s38,h-5.046; s38,h-0.561	-15.9677	0.0886	0.0000	0.0000	0.0000	0.0961
254	263	2.71375LL+1.3CF	21.1791	-0.1024	0.0000	0.0000	0.0000	-0.1627
254	140	2.71375LL+1.3CF	-21.1791	0.1024	0.0000	0.0000	0.0000	-0.3916
254	140	T352R4: s38,h-5.046; s38,h-0.561	15.9677	-0.0886	0.0000	0.0000	0.0000	0.3833
267	274	T352R4: s37,h-6.168; s38,f7.288	-11.9351	0.0190	-0.1461	0.0077	0.7002	0.1136
267	274	2.71375LL+1.3CF	5.2826	-0.0007	-0.0550	0.0044	0.3351	-0.0367
267	152	2.71375LL+1.3CF	-5.2826	0.0007	0.0550	-0.0044	0.1522	0.0301
267	152	T352R4: s37,h-6.168; s38,f7.288	11.9351	-0.0190	0.1461	-0.0077	0.5936	0.0549
268	275	2.71375LL+1.3CF	-5.4432	0.0340	-0.0731	0.0015	0.3496	0.1080
268	275	T352R4: s38,h-6.168; s38,f7.288	16.4791	-0.1235	-0.2509	0.0073	1.1250	-0.4084
268	151	T352R4: s38,h-6.168; s38,f7.288	-16.4791	0.1235	0.2509	-0.0073	1.0871	-0.6763

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
268	151	2.71375LL+1.3CF	5.4432	-0.0340	0.0731	-0.0015	0.2881	0.1930
269	274	T352R4: s43,h-5.046; s35,h-0.561	-2.8183	0.0525	0.0000	0.0000	0.0000	0.1929
269	274	T352R4: s34,f7.289; s55,h-2.804	1.0842	-0.0242	0.0000	0.0000	0.0000	-0.0791
269	151	T352R4: s34,f7.289; s55,h-2.804	-1.0842	0.0242	0.0000	0.0000	0.0000	-0.0518
269	151	T352R4: s43,h-5.046; s35,h-0.561	2.8183	-0.0525	0.0000	0.0000	0.0000	0.0911
270	275	T352R4: s39,h-5.046; s35,h-0.561	-8.6189	0.0498	0.0000	0.0000	0.0000	0.0411
270	275	2.71375LL+1.3CF	10.6328	-0.0679	0.0000	0.0000	0.0000	-0.1319
270	152	2.71375LL+1.3CF	-10.6328	0.0679	0.0000	0.0000	0.0000	-0.2357
270	152	T352R4: s39,h-5.046; s35,h-0.561	8.6189	-0.0498	0.0000	0.0000	0.0000	0.2267
283	286	2.71375LL+1.3CF	-11.6201	0.0014	-0.3596	-0.0292	2.1751	0.2871
283	286	T352R4: s42,h-6.168; s33,h-1.682	18.3122	-0.0423	0.2150	0.0858	-0.8257	-0.2318
283	164	T352R4: s42,h-6.168; s33,h-1.682	-18.3122	0.0423	-0.2150	-0.0858	-1.0781	-0.1451
283	164	2.71375LL+1.3CF	11.8201	-0.0514	0.3596	0.0292	1.0007	0.1885
284	287	2.71375LL+1.3CF	-25.8985	0.0236	-0.1505	0.0019	-0.0838	-0.0412
284	287	T352R4: s42,h-6.168; s35,h-1.682	31.2065	0.0104	-0.1085	-0.0016	0.7146	0.1714
284	163	T352R4: s42,h-6.168; s35,h-1.682	-31.2065	-0.0104	0.1085	0.0018	0.2463	-0.0752
284	163	2.71375LL+1.3CF	20.8985	-0.0236	0.1505	-0.0015	1.4163	0.2501
285	286	T352R4: s42,h-6.168; s55,h-1.682	-0.5473	-0.0691	0.0000	0.0000	0.0000	-0.1478
285	286	T352R4: s27,f7.289; s55,h-2.804	0.5817	-0.0797	0.0000	0.0000	0.0000	-0.1163
285	163	T352R4: s27,f7.289; s55,h-2.804	-0.5817	0.0797	0.0000	0.0000	0.0000	-0.3154
285	163	T352R4: s42,h-6.168; s55,h-1.682	0.5473	0.0691	0.0000	0.0000	0.0000	0.1789
286	287	T352R4: s42,h-6.168; s33,h-1.682	-11.7470	0.0670	0.0000	0.0000	0.0000	0.0890
286	287	2.71375LL+1.3CF	6.9188	0.0449	0.0000	0.0000	0.0000	0.1430
286	164	2.71375LL+1.3CF	-6.9188	-0.0449	0.0000	0.0000	0.0000	0.1000
286	164	T352R4: s42,h-6.168; s33,h-1.682	11.7470	-0.0670	0.0000	0.0000	0.0000	0.2748
289	289	2.71375LL+1.3CF	-5.3979	0.0388	0.2095	-0.0020	-1.4233	0.2182
289	289	T352R4: s17,h-3.825; s27,f0.561	13.9503	-0.0694	-0.1280	-0.0031	0.5254	-0.3139
289	167	T352R4: s17,h-3.825; s27,f0.561	-13.9503	0.0694	0.1280	0.0031	0.8085	-0.3613
289	167	2.71375LL+1.3CF	5.3979	-0.0388	-0.2095	0.0020	-0.2325	0.1252
289	290	2.71375LL+1.3CF	-6.8363	0.0014	0.0991	-0.0029	0.2709	-0.0321
289	290	T352R4: s17,h-5.046; s20,h-0.561	22.4592	0.0524	0.0665	0.0009	-0.3945	0.2347
289	166	T352R4: s17,h-5.046; s20,h-0.561	-22.4592	-0.0524	-0.0665	-0.0009	-0.1948	0.2390
289	166	2.71375LL+1.3CF	6.8363	-0.0014	-0.0991	0.0029	-1.1488	0.0442
290	289	T352R4: s17,h-5.046; s17,f7.288	-3.1459	0.0447	0.0000	0.0000	0.0000	0.2060

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
290	289	2.7137(LL+1.3CF	3.4835	-0.1845	0.0000	0.0000	0.0000	-0.5107
290	166	2.7137(LL+1.3CF	-3.4835	0.1845	0.0000	0.0000	0.0000	-0.4893
290	166	T3(2)R4: s17.A-5.046; s17.I7.280	5.1459	-0.0447	0.0000	0.0000	0.0000	0.0363
291	290	T3(2)R4: s17.A-5.046; s34.I40.561	-15.3909	-0.0104	0.0000	0.0000	0.0000	-0.0295
291	290	2.7137(LL+1.3CF	2.6392	0.0423	0.0000	0.0000	0.0000	0.1156
291	167	2.7137(LL+1.3CF	-2.6392	-0.0423	0.0000	0.0000	0.0000	0.1131
291	167	T3(2)R4: s17.A-5.046; s34.I40.561	15.3909	0.0104	0.0000	0.0000	0.0000	-0.0358
304	301	2.7137(LL+1.3CF	-14.4465	-0.0322	0.6106	-0.0191	-2.6465	-0.1679
304	301	T3(2)R4: s18.A-2.804	5.4670	-0.0007	-0.0130	-0.0004	0.0526	-0.0254
304	179	T3(2)R4: s18.A-2.804	-5.4670	0.0007	0.0130	0.0004	0.0523	0.0189
304	179	2.7137(LL+1.3CF	14.4465	0.0322	-0.6106	0.0191	-2.7612	-0.1174
305	302	T3(2)R4: s12.A-2.804	-6.9557	0.0220	0.0046	0.0007	-0.0554	0.0721
305	302	2.7137(LL+1.3CF	17.3400	-0.0382	0.5937	-0.0180	-2.6860	-0.1646
305	178	2.7137(LL+1.3CF	-17.3400	0.0382	-0.5937	0.0180	-2.6724	-0.1533
305	178	T3(2)R4: s12.A-2.804	6.9557	-0.0220	-0.0046	-0.0007	0.0144	0.1229
306	301	T3(2)R4: s21.A-5.046; s20.A-0.561	-3.1402	-0.0312	0.0000	0.0000	0.0000	-0.0011
306	301	CF: s23.I0.561	0.3134	0.0022	0.0000	0.0000	0.0000	-0.0067
306	178	CF: s23.I0.561	-0.3134	-0.0022	0.0000	0.0000	0.0000	0.0175
306	178	T3(2)R4: s21.A-5.046; s20.A-0.561	3.1402	0.0312	0.0000	0.0000	0.0000	-0.1679
307	302	2.7137(LL+1.3CF	-19.7952	0.0511	0.0000	0.0000	0.0000	-0.0062
307	302	2.7137(LL+1.3CF	28.6940	0.1486	0.0000	0.0000	0.0000	0.4909
307	179	2.7137(LL+1.3CF	-28.6940	-0.1486	0.0000	0.0000	0.0000	0.3190
307	179	2.7137(LL+1.3CF	19.7952	-0.0511	0.0000	0.0000	0.0000	0.3827
320	313	2.7137(LL+1.3CF	-22.8197	-0.0486	0.5215	-0.0162	-2.2585	-0.2454
320	313	T3(2)R4: s15.A-2.804	7.2961	-0.0005	-0.0073	-0.0002	0.0156	-0.0373
320	191	T3(2)R4: s15.A-2.804	-7.2961	0.0005	0.0073	0.0002	0.0498	0.0330
320	191	2.7137(LL+1.3CF	22.8197	0.0499	-0.5215	0.0162	-2.3619	-0.1955
321	314	T3(2)R4: s17.A-2.804	-8.4143	0.0345	-0.0071	0.0004	0.0187	0.1106
321	314	2.7137(LL+1.3CF	33.6141	-0.0584	0.4724	-0.0143	-2.1362	-0.2700
321	190	2.7137(LL+1.3CF	-33.6141	0.0584	-0.4724	0.0143	-2.0487	-0.2473
321	190	T3(2)R4: s17.A-2.804	8.4143	-0.0345	0.0071	-0.0004	0.0442	0.1946
322	313	T3(2)R4: s22.A-5.046; s22.A-0.561	-5.1953	-0.0392	0.0000	0.0000	0.0000	0.0662
322	313	CF: s24.I0.561	0.4766	0.0035	0.0000	0.0000	0.0000	-0.0053
322	190	CF: s24.I0.561	-0.4766	-0.0035	0.0000	0.0000	0.0000	0.0243

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
322	190	T3(2)R4: s22.A-5.046; s22.A-0.561	5.1953	0.0392	0.0000	0.0000	0.0000	-0.2788
323	314	T3(2)R4: s22.A-5.046; s22.A-0.561	-27.5248	0.1202	0.0000	0.0000	0.0000	0.1899
323	314	2.7137(LL+1.3CF	-46.2262	0.1246	0.0000	0.0000	0.0000	0.4535
323	191	2.7137(LL+1.3CF	-46.2262	-0.1246	0.0000	0.0000	0.0000	0.3213
323	191	T3(2)R4: s22.A-5.046; s22.A-0.561	27.5248	-0.1202	0.0000	0.0000	0.0000	0.4615
336	329	2.7137(LL+1.3CF	-28.5952	-0.0619	0.3803	-0.0117	-1.5461	-0.3972
336	325	T3(2)R4: s18.A-2.804	7.3526	-0.0035	-0.0050	0.0000	0.0118	-0.0624
336	203	T3(2)R4: s18.A-2.804	-7.3526	0.0035	0.0050	0.0000	0.0322	0.0320
336	203	2.7137(LL+1.3CF	28.5952	0.0619	-0.3803	0.0117	-1.7242	-0.2458
337	328	T3(2)R4: s21.A-2.804	-8.8219	0.0465	-0.0065	0.0002	0.0239	0.1276
337	328	2.7137(LL+1.3CF	41.5745	-0.0824	0.5383	-0.0103	-1.5248	-0.3671
337	202	2.7137(LL+1.3CF	-41.5745	0.0824	-0.5383	0.0103	-1.4710	-0.3629
337	202	T3(2)R4: s21.A-2.804	8.8219	-0.0465	0.0065	-0.0002	0.0341	0.2311
338	325	T3(2)R4: s26.A-5.046; s24.A-0.561	-6.3599	-0.0467	0.0000	0.0000	0.0000	0.0709
338	325	CF: s27.I0.561	0.8059	0.0054	0.0000	0.0000	0.0000	-0.0064
338	202	CF: s27.I0.561	-0.8059	-0.0054	0.0000	0.0000	0.0000	0.0357
338	202	T3(2)R4: s26.A-5.046; s24.A-0.561	6.3599	0.0467	0.0000	0.0000	0.0000	-0.3235
339	326	T3(2)R4: s26.A-5.046; s25.A-0.561	-34.2225	0.1517	0.0000	0.0000	0.0000	0.2457
339	326	2.7137(LL+1.3CF	61.8770	0.1553	0.0000	0.0000	0.0000	0.5768
339	203	2.7137(LL+1.3CF	-61.8770	-0.1553	0.0000	0.0000	0.0000	0.2940
339	203	T3(2)R4: s26.A-5.046; s25.A-0.561	34.2225	-0.1517	0.0000	0.0000	0.0000	0.5776
352	337	2.7137(LL+1.3CF	-31.1919	-0.0674	0.2142	-0.0063	-0.9150	-0.3184
352	337	T3(2)R4: s23.A-2.804	6.8846	-0.0043	-0.0017	0.0000	0.0023	-0.0619
352	215	T3(2)R4: s23.A-2.804	-6.8846	0.0062	0.0017	0.0000	0.0125	0.0267
352	215	2.7137(LL+1.3CF	31.1919	0.0674	-0.2142	0.0063	-0.8823	-0.2782
353	338	T3(2)R4: s25.A-2.804	-5.5852	0.0426	-0.0046	0.0000	0.0218	0.1322
353	338	2.7137(LL+1.3CF	45.7338	-0.0997	0.1671	-0.0058	-0.8334	-0.4281
353	214	2.7137(LL+1.3CF	-45.7338	0.0997	-0.1671	0.0058	-0.8237	-0.4459
353	214	T3(2)R4: s25.A-2.804	5.5852	-0.0426	0.0046	0.0000	0.0192	0.2446
354	337	T3(2)R4: s30.A-5.046; s25.A-0.561	-6.8547	-0.0520	0.0000	0.0000	0.0000	0.0739
354	337	2.7137(LL+1.3CF	1.7366	-0.1529	0.0000	0.0000	0.0000	-0.0600
354	214	2.7137(LL+1.3CF	-1.7366	0.1529	0.0000	0.0000	0.0000	-0.2677
354	214	T3(2)R4: s30.A-5.046; s25.A-0.561	6.8547	0.0520	0.0000	0.0000	0.0000	-0.3553
355	338	T3(2)R4: s30.A-5.046; s25.A-0.561	-37.1599	0.1638	0.0000	0.0000	0.0000	0.2726

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
350	338	2.71375LL+1.3CF	71.6859	0.1724	0.0000	0.0000	0.0000	0.6465
350	215	2.71375LL+1.3CF	-71.6859	-0.1724	0.0000	0.0000	0.0000	0.3969
368	215	T352R4: s30,h-5.046; s25,h-0.561	97.1089	-0.1636	0.0000	0.0000	0.0000	0.6143
368	349	2.71375LL+1.3CF	-31.9245	-0.0679	-0.0065	-0.0001	0.0191	-0.3203
368	349	T352R4: s33,h-2.804	6.7145	-0.0077	-0.0012	0.0000	0.0093	-0.0919
368	227	T352R4: s33,h-2.804	-6.7145	0.0077	0.0012	0.0000	0.0017	0.0340
368	227	2.71375LL+1.3CF	31.9245	0.0679	0.0065	0.0001	0.0384	-0.2814
369	350	T352R4: s28,h-2.804	-8.4788	0.0423	0.0043	0.0001	-0.0255	0.1312
369	350	2.71375LL+1.3CF	47.4995	-0.0969	-0.0107	0.0003	0.0517	-0.4311
369	228	2.71375LL+1.3CF	-47.4995	0.0969	0.0107	-0.0003	0.0428	-0.4447
369	228	T352R4: s28,h-2.804	8.4788	-0.0425	-0.0048	-0.0001	-0.0126	0.2456
370	349	T352R4: s27,h-5.046; s28,h-0.561	-8.9395	-0.0021	0.0000	0.0000	0.0000	0.0843
370	349	CF: s31,r60.561	0.7093	0.0046	0.0000	0.0000	0.0000	-0.0106
370	228	CF: s31,r60.561	-0.7093	-0.0046	0.0000	0.0000	0.0000	0.0352
370	228	T352R4: s27,h-5.046; s28,h-0.561	8.9395	0.0021	0.0000	0.0000	0.0000	-0.3662
371	350	T352R4: s30,h-5.046; s31,h-0.561	-38.1610	0.1628	0.0000	0.0000	0.0000	0.2541
371	350	2.71375LL+1.3CF	74.3100	0.1745	0.0000	0.0000	0.0000	0.6059
371	227	2.71375LL+1.3CF	-74.3100	-0.1745	0.0000	0.0000	0.0000	0.2885
371	227	T352R4: s30,h-5.046; s31,h-0.561	38.1610	-0.1628	0.0000	0.0000	0.0000	0.6270
384	361	2.71375LL+1.3CF	-31.0617	-0.0062	-0.1060	0.0058	0.8525	-0.3154
384	361	T352R4: s37,h-2.804; s48,r1.882	7.5822	-0.0052	-0.0046	0.0001	0.0289	-0.0769
384	239	T352R4: s37,h-2.804; s48,r1.882	-7.5822	0.0052	0.0046	-0.0001	0.0119	0.0520
384	239	2.71375LL+1.3CF	31.0617	0.0062	0.1060	-0.0058	0.9097	-0.2707
385	362	T352R4: s36,h-2.804	-10.4378	0.0441	-0.0020	-0.0003	0.0199	0.1314
385	362	2.71375LL+1.3CF	46.3153	-0.0942	-0.1842	0.0057	0.8179	-0.4150
385	238	2.71375LL+1.3CF	-46.3153	0.0942	0.1842	-0.0057	0.8135	-0.4198
385	238	T352R4: s36,h-2.804	10.4378	-0.0441	0.0020	0.0003	-0.0020	0.2528
386	361	T352R4: s31,h-5.046; s32,h-0.561	-6.7665	-0.0477	0.0000	0.0000	0.0000	0.0947
386	361	CF: s33,r0.561	0.7044	0.0053	0.0000	0.0000	0.0000	-0.0089
386	238	CF: s33,r0.561	-0.7044	-0.0053	0.0000	0.0000	0.0000	0.0372
386	238	T352R4: s31,h-5.046; s32,h-0.561	6.7665	0.0477	0.0000	0.0000	0.0000	-0.3528
387	362	T352R4: s31,h-5.046; s33,h-0.561	-37.8637	0.1579	0.0000	0.0000	0.0000	0.2413
387	362	2.71375LL+1.3CF	70.2426	0.1619	0.0000	0.0000	0.0000	0.6128
387	239	2.71375LL+1.3CF	-70.2426	-0.1619	0.0000	0.0000	0.0000	0.2436

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
387	239	T352R4: s31,h-5.046; s33,h-0.561	37.8637	-0.1579	0.0000	0.0000	0.0000	0.6136
400	373	2.71375LL+1.3CF	-24.2010	-0.0562	-0.2152	0.0084	0.9219	-0.2940
400	373	T352R4: s41,h-2.804; s53,r1.882	6.7254	-0.0013	-0.0054	0.0003	0.0388	-0.0557
400	251	T352R4: s41,h-2.804; s53,r1.882	-6.7254	0.0013	0.0054	-0.0003	0.0087	0.0438
400	251	2.71375LL+1.3CF	24.2010	0.0562	0.2152	-0.0054	0.9836	-0.2634
401	374	T352R4: s40,h-2.804; s53,r1.882	-11.4585	0.0448	-0.0095	-0.0002	0.0549	0.1450
401	374	2.71375LL+1.3CF	41.8836	0.0825	0.3436	0.0105	1.3392	-0.3667
401	250	2.71375LL+1.3CF	-41.8836	0.0825	0.3436	-0.0106	1.3037	-0.3642
401	250	T352R4: s40,h-2.804; s53,r1.882	11.4585	-0.0446	0.0095	0.0002	0.0291	0.2488
402	373	T352R4: s34,h-5.046; s36,h-0.561	-6.1132	-0.0318	0.0000	0.0000	0.0000	0.1190
402	373	2.71375LL+1.3CF	0.6211	-0.0528	0.0000	0.0000	0.0000	-0.2406
402	250	2.71375LL+1.3CF	-0.6211	0.0528	0.0000	0.0000	0.0000	-0.0453
402	250	T352R4: s34,h-5.046; s36,h-0.561	6.1132	0.0318	0.0000	0.0000	0.0000	-0.2914
403	374	T352R4: s35,h-5.046; s37,h-0.561	-35.5443	0.1330	0.0000	0.0000	0.0000	0.1871
403	374	2.71375LL+1.3CF	60.1254	0.1429	0.0000	0.0000	0.0000	0.5337
403	251	2.71375LL+1.3CF	-60.1254	-0.1429	0.0000	0.0000	0.0000	0.2396
403	251	T352R4: s35,h-5.046; s37,h-0.561	35.5443	-0.1330	0.0000	0.0000	0.0000	0.5332
416	385	2.71375LL+1.3CF	-18.8300	-0.0442	-0.3247	0.0099	1.3959	-0.2360
416	385	T352R4: s45,h-2.804	8.6057	0.0018	0.0031	0.0003	0.0151	-0.0855
416	263	T352R4: s45,h-2.804	-8.6057	-0.0018	-0.0031	-0.0003	-0.0374	0.0459
416	263	2.71375LL+1.3CF	18.8300	0.0442	0.3247	-0.0098	1.4797	-0.1532
417	386	T352R4: s41,h-2.804	-10.8019	0.0365	-0.0063	-0.0006	0.0520	0.1347
417	386	2.71375LL+1.3CF	32.8762	-0.0591	-0.4660	0.0151	2.2306	-0.2886
417	262	2.71375LL+1.3CF	-32.8762	0.0591	0.4660	-0.0151	2.1618	-0.2478
417	262	T352R4: s41,h-2.804	10.8019	-0.0365	0.0063	0.0006	0.0037	0.2159
418	385	T352R4: s38,h-5.046; s37,h-0.561	-4.8428	-0.0291	0.0000	0.0000	0.0000	0.0919
418	385	2.71375LL+1.3CF	0.5975	-0.0328	0.0000	0.0000	0.0000	-0.1680
418	262	2.71375LL+1.3CF	-0.5975	0.0328	0.0000	0.0000	0.0000	-0.0895
418	262	T352R4: s38,h-5.046; s37,h-0.561	4.8428	0.0291	0.0000	0.0000	0.0000	-0.2495
419	386	T352R4: s36,h-3.925; s39,r0.561	-31.4129	0.0494	0.0000	0.0000	0.0000	-0.0858
419	386	2.71375LL+1.3CF	44.1763	0.1051	0.0000	0.0000	0.0000	0.3921
419	263	2.71375LL+1.3CF	-44.1763	-0.1051	0.0000	0.0000	0.0000	0.1771
419	263	T352R4: s36,h-3.925; s39,r0.561	31.4129	-0.0494	0.0000	0.0000	0.0000	0.3333
432	387	2.71375LL+1.3CF	-11.9241	-0.0290	-0.3400	0.0104	1.4673	-0.1682

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
452	397	T3S2R4: s43,h-2.804	7.2870	0.0027	0.0067	0.0005	-0.0095	-0.0121
452	275	T3S2R4: s43,h-2.804	-7.2870	-0.0027	-0.0067	-0.0005	-0.0497	0.0356
452	275	2.71375LL+1.3CF	11.8241	0.0290	0.3400	-0.0104	1.5436	-0.0676
453	398	T3S2R4: s44,h-2.804	-8.6943	0.0266	-0.0007	-0.0004	0.0147	0.0991
453	398	2.71375LL+1.3CF	13.5874	-0.0244	-0.3626	0.0112	1.6277	-0.1404
453	274	2.71375LL+1.3CF	-13.5874	0.0244	0.3626	-0.0112	1.5833	-0.0753
453	274	T3S2R4: s44,h-2.804	8.6943	-0.0266	0.0007	0.0004	-0.0087	0.1468
454	397	T3S2R4: s39,h-5.046; s38,h-0.561	-3.1337	-0.0183	0.0000	0.0000	0.0000	0.0561
454	397	CF: s37,r0.561	0.3723	0.0078	0.0000	0.0000	0.0000	0.0050
454	274	CF: s37,r0.561	-0.3723	-0.0078	0.0000	0.0000	0.0000	0.0370
454	274	T3S2R4: s39,h-5.046; s38,h-0.561	3.1337	0.0183	0.0000	0.0000	0.0000	-0.1552
455	398	T3S2R4: s43,h-3.925; s33,r0.561	-26.1892	0.0303	0.0000	0.0000	0.0000	-0.5818
455	398	2.71375LL+1.3CF	27.5897	0.1606	0.0000	0.0000	0.0000	0.5115
455	275	2.71375LL+1.3CF	-27.5897	-0.1606	0.0000	0.0000	0.0000	0.3077
455	275	T3S2R4: s43,h-3.925; s33,r0.561	26.1892	-0.0303	0.0000	0.0000	0.0000	0.3459
448	409	2.71375LL+1.3CF	-7.0372	0.0283	-0.2786	0.0007	1.8849	0.1706
448	409	T3S2R4: s36,h-6.168; s39,h-1.682	16.6429	-0.0654	0.1705	0.0021	-0.7212	-0.3165
448	287	T3S2R4: s36,h-6.168; s39,h-1.682	-16.6429	0.0654	-0.1705	-0.0021	-0.7886	-0.2827
448	287	2.71375LL+1.3CF	7.0372	-0.0283	0.2786	-0.0007	0.5828	0.0799
449	410	2.71375LL+1.3CF	-5.3665	0.0095	-0.1711	0.0019	0.0850	-0.0240
449	410	T3S2R4: s42,h-5.046; s39,h-0.561	17.1875	0.0371	-0.1047	-0.0022	0.8153	0.1809
449	286	T3S2R4: s42,h-5.046; s39,h-0.561	-17.1875	-0.0371	0.1047	0.0022	0.3118	0.1479
449	286	2.71375LL+1.3CF	5.3665	-0.0095	0.1711	-0.0019	1.4300	0.0547
450	409	T3S2R4: s42,h-6.168; s38,t7.289; s24,h-	-5.8394	0.0115	0.0000	0.0000	0.0000	0.1466
450	409	2.71375LL+1.3CF	0.9004	-0.1072	0.0000	0.0000	0.0000	-0.2977
450	286	2.71375LL+1.3CF	-0.9004	0.1072	0.0000	0.0000	0.0000	-0.2828
450	286	T3S2R4: s42,h-6.168; s38,t7.289; s24,h-	5.8394	-0.0115	0.0000	0.0000	0.0000	-0.0846
451	410	T3S2R4: s46,h-5.046; s31,h-0.561	-5.9649	0.0309	0.0000	0.0000	0.0000	0.0974
451	410	2.71375LL+1.3CF	0.3376	0.0123	0.0000	0.0000	0.0000	0.0536
451	287	2.71375LL+1.3CF	-0.3376	-0.0123	0.0000	0.0000	0.0000	0.0329
451	287	T3S2R4: s46,h-5.046; s31,h-0.561	5.9649	-0.0309	0.0000	0.0000	0.0000	0.0700
453	412	2.71375LL+1.3CF	-1.8421	0.0163	0.2080	0.0004	-1.3172	0.1035
453	412	T3S2R4: s14,h-1.682; s20,h-6.168	16.6840	-0.0477	-0.1527	-0.0017	0.8712	-0.2151
453	290	T3S2R4: s14,h-1.682; s20,h-6.168	-16.6840	0.0477	0.1527	0.0017	0.9815	-0.2075

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
451	290	2.71375LL+1.3CF	1.8421	-0.0163	-0.2080	-0.0004	-0.5251	0.0404
454	413	2.71375LL+1.3CF	-1.4823	-0.0052	0.0967	-0.0009	-0.0331	-0.0061
454	413	2.71375LL+1.3CF	17.8910	0.0409	-0.0024	-0.0012	0.1188	0.1709
454	289	2.71375LL+1.3CF	-17.8910	-0.0409	0.0024	0.0012	-0.0675	0.1913
454	289	2.71375LL+1.3CF	1.4823	0.0052	-0.0967	0.0009	-0.6233	-0.0398
455	413	2.71375LL+1.3CF	-7.9854	0.0671	0.0000	0.0000	0.0000	0.1532
455	413	2.71375LL+1.3CF	3.3485	-0.0982	0.0000	0.0000	0.0000	-0.2412
455	289	2.71375LL+1.3CF	-3.3485	0.0982	0.0000	0.0000	0.0000	-0.2935
455	289	2.71375LL+1.3CF	7.9854	-0.0671	0.0000	0.0000	0.0000	0.2102
456	413	2.71375LL+1.3CF	-4.1655	0.0230	0.0000	0.0000	0.0000	0.0434
456	413	2.71375LL+1.3CF	3.5006	0.0360	0.0000	0.0000	0.0000	0.1106
456	290	2.71375LL+1.3CF	-3.5006	-0.0360	0.0000	0.0000	0.0000	0.0839
456	290	2.71375LL+1.3CF	4.1655	-0.0230	0.0000	0.0000	0.0000	0.0809
469	424	2.71375LL+1.3CF	-19.1542	-0.0353	0.6009	-0.0194	-2.4302	-0.1478
469	424	T3S2R4: s11,h-1.682; s0,h-6.168	3.1038	-0.0062	0.0060	-0.0010	-0.0467	-0.0604
469	302	T3S2R4: s11,h-1.682; s0,h-6.168	-3.1038	0.0062	-0.0060	0.0010	-0.0037	0.0053
469	302	2.71375LL+1.3CF	19.1542	0.0353	-0.6009	0.0194	-2.8919	-0.1645
470	425	T3S2R4: s12,h-1.682; s0,h-6.168	-4.5427	0.0184	0.0238	0.0002	-0.1448	0.0428
470	425	2.71375LL+1.3CF	21.6121	-0.0549	0.6260	-0.0194	-2.8610	-0.2176
470	301	2.71375LL+1.3CF	-21.6121	0.0549	-0.6260	0.0194	-2.6828	-0.2886
470	301	T3S2R4: s12,h-1.682; s0,h-6.168	4.5427	-0.0184	-0.0238	-0.0002	-0.0665	0.1206
471	424	2.71375LL+1.3CF	-4.5405	-0.0643	0.0000	0.0000	0.0000	-0.1861
471	424	CF: s27,r0.561	0.0580	-0.0032	0.0000	0.0000	0.0000	-0.0113
471	301	CF: s27,r0.561	-0.0580	0.0032	0.0000	0.0000	0.0000	-0.0060
471	301	2.71375LL+1.3CF	4.5405	0.0643	0.0000	0.0000	0.0000	-0.1621
472	425	2.71375LL+1.3CF	-23.5218	0.0080	0.0000	0.0000	0.0000	-0.1213
472	425	2.71375LL+1.3CF	44.6760	0.1417	0.0000	0.0000	0.0000	0.6205
472	302	2.71375LL+1.3CF	-44.6760	-0.1417	0.0000	0.0000	0.0000	0.1468
472	302	2.71375LL+1.3CF	23.5218	-0.0080	0.0000	0.0000	0.0000	0.1646
485	438	2.71375LL+1.3CF	-24.5079	-0.0489	5.3410	-0.2108	-1.4878	-0.1895
485	439	T3S2R4: s15,h-1.682	3.3679	-0.0113	0.0107	-0.0009	-0.0827	-0.1127
485	314	T3S2R4: s15,h-1.682	-3.3679	0.0113	-0.0107	0.0009	-0.0323	0.0126
485	314	2.71375LL+1.3CF	24.5079	0.0489	-5.3410	0.2108	-1.5325	-0.2191
486	437	T3S2R4: s17,h-1.682	-6.0756	0.0299	0.0189	-0.0008	-0.0936	0.0963

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
466	437	2.7137(LL+1.3CF	35.6349	-0.0958	0.5440	-0.0191	-2.4754	-0.3804
466	313	2.7137(LL+1.3CF	-35.6349	0.0958	-0.5440	0.0161	-2.3423	-0.4665
466	313	T352R4: s17,fr-1.682	6.0756	-0.0295	-0.0186	0.0004	-0.0709	0.1954
467	438	2.7137(LL+1.3CF	-6.7471	-0.1255	0.0000	0.0000	0.0000	-0.2678
467	438	CF: s22,/60.561	0.0469	-0.0067	0.0000	0.0000	0.0000	-0.0179
467	313	CF: s22,/60.561	-0.0469	0.0067	0.0000	0.0000	0.0000	-0.0181
467	313	2.7137(LL+1.3CF	6.7471	0.1255	0.0000	0.0000	0.0000	-0.4114
468	437	T352R4: s22,fr-1.682; s36,fr-6.168	-37.1068	0.0424	0.0000	0.0000	0.0000	-0.1974
468	437	2.7137(LL+1.3CF	71.2559	0.1477	0.0000	0.0000	0.0000	0.6764
468	314	2.7137(LL+1.3CF	-71.2559	-0.1477	0.0000	0.0000	0.0000	0.1211
468	314	T352R4: s22,fr-1.682; s36,fr-6.168	37.1068	-0.0424	0.0000	0.0000	0.0000	0.3366
501	448	2.7137(LL+1.3CF	-30.3533	-0.0575	0.2481	-0.0078	-1.0807	-0.2375
501	448	T352R4: s19,fr-1.682	2.5448	-0.0184	0.0132	-0.0007	-0.0883	-0.1511
501	329	T352R4: s19,fr-1.682	-2.5448	0.0184	-0.0132	0.0007	-0.0489	0.0060
501	329	2.7137(LL+1.3CF	30.3533	0.0575	-0.2481	0.0078	-1.1168	-0.2719
502	449	T352R4: s21,fr-1.682	-5.7047	0.0331	0.0165	-0.0005	-0.0769	0.0702
502	449	2.7137(LL+1.3CF	44.5379	-0.1231	0.3982	-0.0118	-1.8083	-0.4824
502	325	2.7137(LL+1.3CF	-44.5379	0.1231	-0.3982	0.0119	-1.7186	-0.8082
502	325	T352R4: s21,fr-1.682	5.7047	-0.0331	-0.0165	0.0005	-0.0682	0.2232
503	448	2.7137(LL+1.3CF	-7.9584	-0.1630	0.0000	0.0000	0.0000	-0.3758
503	448	2.7137(LL+1.3CF	0.1017	-0.0078	0.0000	0.0000	0.0000	-0.0205
503	325	2.7137(LL+1.3CF	-0.1017	0.0078	0.0000	0.0000	0.0000	-0.0211
503	325	2.7137(LL+1.3CF	7.9584	0.1630	0.0000	0.0000	0.0000	-0.3068
504	449	T352R4: s26,fr-1.682; s36,fr-6.168	-42.4624	0.0940	0.0000	0.0000	0.0000	0.0063
504	449	2.7137(LL+1.3CF	93.1469	0.1921	0.0000	0.0000	0.0000	0.8670
504	326	2.7137(LL+1.3CF	-93.1469	-0.1921	0.0000	0.0000	0.0000	0.1530
504	326	T352R4: s26,fr-1.682; s36,fr-6.168	42.4624	-0.0940	0.0000	0.0000	0.0000	0.5026
517	460	2.7137(LL+1.3CF	-33.0263	-0.0623	0.1462	-0.0043	-0.6288	-0.2504
517	460	T352R4: s23,fr-1.682	1.5594	-0.0198	0.0091	-0.0004	-0.0464	-0.1733
517	338	T352R4: s23,fr-1.682	-1.5594	0.0198	-0.0091	0.0004	-0.0339	-0.0021
517	338	2.7137(LL+1.3CF	33.0263	0.0623	-0.1462	0.0043	-0.6898	-0.3014
518	461	T352R4: s25,fr-1.682	-5.0204	0.0335	0.0090	-0.0004	-0.0377	0.0670
518	461	2.7137(LL+1.3CF	46.8824	-0.1372	0.2225	-0.0066	-1.0123	-0.5257
518	337	2.7137(LL+1.3CF	-46.8824	0.1373	-0.2225	0.0066	-0.9080	-0.6893

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
518	337	T352R4: s25,fr-1.682	5.0204	-0.0335	-0.0090	0.0004	-0.0424	0.2300
519	460	T352R4: s23,fr-1.682; s30,fr-6.168	-8.0202	-0.1172	0.0000	0.0000	0.0000	-0.3230
519	460	2.7137(LL+1.3CF	0.0918	-0.0085	0.0000	0.0000	0.0000	-0.0295
519	337	2.7137(LL+1.3CF	-0.0918	0.0085	0.0000	0.0000	0.0000	-0.0194
519	337	T352R4: s23,fr-1.682; s30,fr-6.168	8.0202	0.1172	0.0000	0.0000	0.0000	-0.3113
520	461	T352R4: s26,fr-1.682; s40,fr-6.168	-42.6178	0.1208	0.0000	0.0000	0.0000	0.0796
520	461	2.7137(LL+1.3CF	106.5898	0.2147	0.0000	0.0000	0.0000	1.0046
520	338	2.7137(LL+1.3CF	-106.5898	-0.2147	0.0000	0.0000	0.0000	0.1579
520	338	T352R4: s26,fr-1.682; s40,fr-6.168	42.6178	-0.1208	0.0000	0.0000	0.0000	0.5732
533	472	2.7137(LL+1.3CF	-33.0635	-0.0632	-0.0036	-0.0001	0.0074	-0.2517
533	472	T352R4: s33,fr-1.682	1.1317	-0.0214	0.0008	0.0000	0.0035	-0.1841
533	350	T352R4: s33,fr-1.682	-1.1317	0.0214	-0.0008	0.0000	-0.0068	-0.0055
533	350	2.7137(LL+1.3CF	33.0635	0.0632	0.0036	0.0001	0.0246	-0.3076
534	473	T352R4: s28,fr-1.682	-4.7218	0.0326	0.0037	0.0001	-0.0251	0.0622
534	473	2.7137(LL+1.3CF	50.0921	-0.1402	-0.0079	0.0002	0.0417	-0.5354
534	349	2.7137(LL+1.3CF	-50.0921	0.1402	0.0079	-0.0002	0.0281	-0.7065
534	349	T352R4: s28,fr-1.682	4.7218	-0.0326	-0.0037	-0.0001	-0.0077	0.2363
535	472	T352R4: s27,fr-1.682; s31,fr-6.168	-7.7158	-0.2028	0.0000	0.0000	0.0000	-0.8834
535	472	2.7137(LL+1.3CF	0.0990	-0.0091	0.0000	0.0000	0.0000	-0.0292
535	349	2.7137(LL+1.3CF	-0.0990	0.0091	0.0000	0.0000	0.0000	-0.0199
535	349	T352R4: s27,fr-1.682; s31,fr-6.168	7.7158	0.2028	0.0000	0.0000	0.0000	-0.4047
536	473	T352R4: s30,fr-3.825; s31,/0.561	-42.9253	0.2222	0.0000	0.0000	0.0000	0.4002
536	473	2.7137(LL+1.3CF	110.3374	0.2205	0.0000	0.0000	0.0000	1.0300
536	350	2.7137(LL+1.3CF	-110.3374	-0.2205	0.0000	0.0000	0.0000	0.1635
536	350	T352R4: s30,fr-3.825; s31,/0.561	42.9253	-0.2222	0.0000	0.0000	0.0000	0.8029
549	464	2.7137(LL+1.3CF	-33.2990	-0.0625	-0.1398	0.0041	0.8007	-0.2558
549	464	T352R4: s37,fr-1.682	1.8945	-0.0194	-0.0095	0.0004	0.0535	-0.1773
549	362	T352R4: s37,fr-1.682	-1.8945	0.0194	0.0095	-0.0004	0.0311	0.0051
549	362	2.7137(LL+1.3CF	33.2990	0.0625	0.1398	-0.0041	0.8572	-0.2878
550	465	T352R4: s36,fr-1.682	-5.8596	0.0357	-0.0139	0.0001	0.0734	0.0728
550	465	2.7137(LL+1.3CF	46.8002	-0.1350	-0.2156	0.0065	0.9683	-0.5257
550	361	2.7137(LL+1.3CF	-46.8002	0.1350	0.2156	-0.0065	0.9413	-0.6722
550	361	T352R4: s36,fr-1.682	5.8596	-0.0357	0.0139	-0.0001	0.0499	0.2457
551	464	T352R4: s37,fr-1.682; s31,fr-6.168	-7.7467	-0.2002	0.0000	0.0000	0.0000	-0.8276

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
551	464	2.7137SLL+1.3CF	0.0981	-0.0090	0.0000	0.0000	0.0000	-0.0244
551	961	2.7137SLL+1.3CF	-0.0981	0.0090	0.0000	0.0000	0.0000	-0.0243
551	961	T3528: s31,fr-1.682; s31,fr-6.188;	7.7497	0.2802	0.0000	0.0000	0.0000	-0.5893
552	465	T3528: s34,fr-1.682; s20,fr-6.188	-45.0291	0.0913	0.0000	0.0000	0.0000	-0.0232
552	465	2.7137SLL+1.3CF	104.4015	0.2096	0.0000	0.0000	0.0000	0.5779
552	962	2.7137SLL+1.3CF	-104.4015	-0.2096	0.0000	0.0000	0.0000	0.1568
552	962	T3528: s34,fr-1.682; s20,fr-6.188	45.0291	-0.0913	0.0000	0.0000	0.0000	0.5176
560	466	2.7137SLL+1.3CF	-30.8427	-0.0599	-0.2371	0.3072	1.0067	-0.2582
560	466	T3529: s41,fr-1.682; s54,l2.804	3.4145	-0.0153	-0.0243	0.0010	0.1206	-0.1526
560	374	T3529: s41,fr-1.682; s54,l2.804	-3.4145	0.0153	0.0243	-0.0010	0.0942	0.0172
560	374	2.7137SLL+1.3CF	30.8427	0.0599	0.2371	-0.0072	1.0730	-0.2726
566	467	T3529: s42,fr-1.682	-7.1623	0.0378	-0.0210	0.0062	0.1086	0.0830
566	467	2.7137SLL+1.3CF	43.4646	-0.1171	-0.3898	0.0118	1.7585	-0.4685
566	373	2.7137SLL+1.3CF	-43.4646	0.1171	0.3898	-0.0118	1.6855	-0.5690
566	373	T3529: s42,fr-1.682	7.1623	-0.0378	0.0210	-0.0062	0.0772	0.2519
567	466	T3529: s35,fr-1.682; s34,fr-6.188;	-6.5159	-0.1903	0.0000	0.0000	0.0000	-0.8189
567	466	CF: s37,r0.561	0.0970	-0.0081	0.0000	0.0000	0.0000	-0.0211
567	373	CF: s37,r0.561	-0.0970	0.0081	0.0000	0.0000	0.0000	-0.0230
567	373	T3529: s35,fr-1.682; s34,fr-6.188;	6.5159	0.1903	0.0000	0.0000	0.0000	-0.4112
568	467	T3529: s38,fr-1.682; s21,fr-6.188	-46.6552	0.0745	0.0000	0.0000	0.0000	-0.0731
568	467	2.7137SLL+1.3CF	89.7998	0.1861	0.0000	0.0000	0.0000	0.8508
568	374	2.7137SLL+1.3CF	-89.7998	-0.1861	0.0000	0.0000	0.0000	0.1566
568	374	T3529: s38,fr-1.682; s21,fr-6.188	46.6552	-0.0745	0.0000	0.0000	0.0000	0.4763
581	506	2.7137SLL+1.3CF	-25.1389	-0.0501	-0.3204	0.0099	1.3883	-0.2253
581	505	T3529: s45,fr-1.682; s54,l2.804	4.5631	-0.0101	-0.0327	0.0013	0.1646	-0.1121
581	386	T3529: s45,fr-1.682; s54,l2.804	-4.5631	0.0101	0.0327	-0.0015	0.1254	0.0230
581	386	2.7137SLL+1.3CF	25.1389	0.0501	0.3204	-0.0099	1.4483	-0.2182
582	509	T3529: s43,fr-1.682	-8.1612	0.0404	-0.0102	0.0006	0.0374	0.1035
582	509	2.7137SLL+1.3CF	30.1859	-0.0760	-0.3531	0.0107	1.5948	-0.3264
582	389	2.7137SLL+1.3CF	-30.1859	0.0760	0.3531	-0.0107	1.5324	-0.3470
582	389	T3529: s43,fr-1.682	8.1612	-0.0404	0.0102	-0.0006	0.0526	0.2547
583	508	T3529: s39,fr-2.804; s39,l1.682;	-5.7783	-0.0960	0.0000	0.0000	0.0000	-0.1251
583	508	CF: s36,r0.561	0.0834	-0.0059	0.0000	0.0000	0.0000	-0.0129
583	385	CF: s36,r0.561	-0.0834	0.0059	0.0000	0.0000	0.0000	-0.0180

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
583	385	T3529: s39,fr-2.804; s39,l1.682;	5.7783	0.0960	0.0000	0.0000	0.0000	-0.3943
584	509	T3529: s38,fr-1.682; s23,fr-6.188	-40.0733	0.0403	0.0000	0.0000	0.0000	-0.1352
584	509	2.7137SLL+1.3CF	76.1947	0.2487	0.0000	0.0000	0.0000	1.0403
584	388	2.7137SLL+1.3CF	-76.1947	-0.2487	0.0000	0.0000	0.0000	0.3115
584	388	T3529: s38,fr-1.682; s23,fr-6.188	40.0733	-0.0403	0.0000	0.0000	0.0000	0.3539
597	520	2.7137SLL+1.3CF	-18.9892	-0.0359	-0.3604	0.0113	1.5629	-0.1719
597	520	T3529: s49,fr-1.682	4.1933	-0.0052	-0.0145	0.0012	0.0824	-0.0657
597	398	T3529: s49,fr-1.682	-4.1933	0.0052	0.0145	-0.0012	0.0306	0.0199
597	398	2.7137SLL+1.3CF	18.9892	0.0359	0.3604	-0.0113	1.8287	-0.1462
598	521	T3529: s44,fr-1.682	-8.3155	0.0252	-0.0232	0.0004	0.1123	0.0610
598	521	2.7137SLL+1.3CF	19.2045	-0.0434	-0.3645	0.0109	1.8590	-0.1943
598	397	2.7137SLL+1.3CF	-19.2045	0.0434	0.3645	-0.0109	1.5896	-0.1905
598	397	T3529: s44,fr-1.682	8.3155	-0.0252	0.0232	-0.0004	0.0828	0.1620
599	520	2.7137SLL+1.3CF	-4.3535	-0.0659	0.0000	0.0000	0.0000	-0.0374
599	520	CF: s52,r0.561	0.0436	-0.0020	0.0000	0.0000	0.0000	-0.0080
599	397	CF: s52,r0.561	-0.0436	0.0020	0.0000	0.0000	0.0000	-0.0026
599	397	2.7137SLL+1.3CF	4.5535	0.0659	0.0000	0.0000	0.0000	-0.3191
600	521	T3529: s43,fr-1.682; s23,fr-6.188	-24.8708	-0.0035	0.0000	0.0000	0.0000	-0.1869
600	521	2.7137SLL+1.3CF	43.0904	0.1411	0.0000	0.0000	0.0000	0.6137
600	398	2.7137SLL+1.3CF	-43.0904	-0.1411	0.0000	0.0000	0.0000	0.1502
600	398	T3529: s43,fr-1.682; s23,fr-6.188	24.8708	0.0035	0.0000	0.0000	0.0000	0.1467
613	532	2.7137SLL+1.3CF	-2.8296	0.0089	-0.1644	0.0004	1.1667	0.0671
613	532	T3529: s45,fr-1.682; s38,fr-6.188	14.0407	-0.0378	0.1509	0.0019	-0.6742	-0.1789
613	410	T3529: s45,fr-1.682; s38,fr-6.188	-14.0407	0.0378	-0.1509	-0.0019	-0.6626	-0.1558
613	410	2.7137SLL+1.3CF	2.8296	-0.0089	0.1644	-0.0004	0.2877	0.0120
614	533	2.7137SLL+1.3CF	-0.9753	-0.0010	-0.1292	0.0008	0.1429	-0.0042
614	533	T3529: s42,fr-3.925; s36,l0.561	14.8898	0.0372	-0.1139	-0.0017	0.5636	0.1931
614	409	T3529: s42,fr-3.925; s36,l0.561	-14.8898	-0.0372	0.1139	0.0017	0.4448	0.1961
614	409	2.7137SLL+1.3CF	0.9753	0.0010	0.1292	-0.0008	1.0013	-0.0046
615	532	2.7137SLL+1.3CF	-7.5473	0.0076	0.0000	0.0000	0.0000	-0.0498
615	532	2.7137SLL+1.3CF	0.9724	-0.0411	0.0000	0.0000	0.0000	-0.1052
615	409	2.7137SLL+1.3CF	-0.9724	0.0411	0.0000	0.0000	0.0000	-0.1175
615	409	2.7137SLL+1.3CF	7.5473	-0.0076	0.0000	0.0000	0.0000	0.0912
616	533	2.7137SLL+1.3CF	-7.5361	0.0710	0.0000	0.0000	0.0000	0.1851

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
918	593	T3t2Rd: s55,fx-6,168; s55,ri1,682	1.2373	-0.0048	0.0000	0.0000	0.0000	-0.0032
918	410	T3t2Rd: s55,fx-6,168; s55,ri1,682	-1.2373	0.0048	0.0000	0.0000	0.0000	-0.0229
918	410	2.71375LL+1.3CF	7.5361	-0.0710	0.0000	0.0000	0.0000	0.1983
918	535	2.71375LL+1.3CF	-0.7439	0.0077	0.0764	-0.0002	-0.0519	0.0617
918	535	T3t2Rd: s14,fx-0,561; s20,fx-0,046	15.0894	-0.0516	-0.0644	-0.0004	0.3215	-0.2544
918	413	T3t2Rd: s14,fx-0,561; s20,fx-0,046	-15.0894	0.0516	0.0644	0.0004	0.2467	-0.2022
918	413	2.71375LL+1.3CF	0.7439	-0.0077	-0.0764	0.0002	-0.1248	0.0065
919	536	2.71375LL+1.3CF	-0.7568	0.0030	0.0412	0.0003	-0.1146	0.0116
919	536	2.71375LL+1.3CF	17.2199	0.0480	-0.0371	-0.0029	0.4621	0.1845
919	412	2.71375LL+1.3CF	-17.2186	-0.0480	0.0371	0.0029	-0.1533	0.2408
919	412	2.71375LL+1.3CF	0.7568	-0.0030	-0.0412	-0.0003	-0.2506	0.0151
920	536	T3t2Rd: s23,fx-6,168; s21,ri7,289; s4,fi-	-11.2546	0.0002	0.0000	0.0000	0.0000	0.0546
920	535	2.71375LL+1.3CF	6.5382	-0.0972	0.0000	0.0000	0.0000	-0.2675
920	412	2.71375LL+1.3CF	-6.5382	0.0972	0.0000	0.0000	0.0000	-0.2668
920	412	T3t2Rd: s23,fx-6,168; s21,ri7,289; s4,fi-	11.2546	-0.0002	0.0000	0.0000	0.0000	-0.0533
921	536	2.71375LL+1.3CF	-8.3943	0.0239	0.0000	0.0000	0.0000	0.0558
921	536	2.71375LL+1.3CF	2.8985	0.0282	0.0000	0.0000	0.0000	0.0750
921	413	2.71375LL+1.3CF	-2.8985	-0.0282	0.0000	0.0000	0.0000	0.0774
921	413	2.71375LL+1.3CF	8.3943	-0.0229	0.0000	0.0000	0.0000	0.0661
934	547	2.71375LL+1.3CF	-15.5333	-0.0355	0.2343	-0.0089	-1.0839	-0.1749
934	547	T3t2Rd: s10,ri0,561; s8,fx-6,168	7.2294	0.0049	0.0008	-0.0007	-0.0173	0.0125
934	425	T3t2Rd: s10,ri0,561; s8,fx-6,168	-7.2294	-0.0049	-0.0006	0.0007	0.0120	0.0311
934	425	2.71375LL+1.3CF	15.5333	0.0355	-0.2343	0.0089	-1.0111	-0.1392
935	548	T3t2Rd: s12,ri0,561; s4,fx-6,168	-7.4934	0.0205	0.0572	-0.0008	-0.2851	0.0843
935	548	2.71375LL+1.3CF	26.1968	-0.0686	0.0290	-0.0179	-2.8958	-0.2644
935	424	2.71375LL+1.3CF	-26.1968	0.0695	-0.8290	0.0179	-2.6752	-0.3514
935	424	T3t2Rd: s12,ri0,561; s4,fx-6,168	7.4934	-0.0205	-0.0572	0.0008	-0.2133	0.1132
936	547	2.71375LL+1.3CF	-6.2672	-0.1578	0.0000	0.0000	0.0000	-0.3936
936	547	CF: s7,ri0,561	0.0258	-0.0037	0.0000	0.0000	0.0000	-0.0126
936	424	CF: s7,ri0,561	-0.0258	0.0037	0.0000	0.0000	0.0000	-0.0079
936	424	2.71375LL+1.3CF	6.2672	0.1578	0.0000	0.0000	0.0000	-0.4607
937	548	T3t2Rd: s18,fi-1,682; s34,fi-6,168	-25.1154	0.0914	0.0000	0.0000	0.0000	0.0631
937	548	2.71375LL+1.3CF	57.8814	0.0991	0.0000	0.0000	0.0000	0.5112
937	425	2.71375LL+1.3CF	-57.8814	-0.0991	0.0000	0.0000	0.0000	0.0250

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
937	425	T3t2Rd: s18,fi-1,682; s34,fi-6,168	25.1154	-0.0914	0.0000	0.0000	0.0000	0.4318
950	559	2.71375LL+1.3CF	-25.1601	-0.0526	0.2405	-0.0067	-1.0847	-0.2329
950	559	T3t2Rd: s15,ri0,561; s0,fx-6,168	6.4948	-0.0013	0.0035	-0.0021	-0.2469	-0.0302
950	437	T3t2Rd: s15,ri0,561; s0,fx-6,168	-6.4948	0.0013	-0.0035	0.0021	-0.2248	0.0276
950	437	2.71375LL+1.3CF	25.1601	0.0526	-0.2405	0.0067	-1.0455	-0.2333
951	560	T3t2Rd: s16,ri0,561	-8.1244	0.0259	0.0898	-0.0015	-0.3353	0.0779
951	560	2.71375LL+1.3CF	41.3979	-0.1144	0.5414	-0.0136	-2.4796	-0.4253
951	436	2.71375LL+1.3CF	-41.3979	0.1144	-0.5414	0.0136	-2.3150	-0.5862
951	436	T3t2Rd: s16,ri0,561	8.1244	-0.0259	-0.0898	0.0015	-0.2831	0.1518
952	559	2.71375LL+1.3CF	-8.9788	-0.1678	0.0000	0.0000	0.0000	-0.5312
952	559	CF: s10,ri0,561	0.0168	-0.0045	0.0000	0.0000	0.0000	-0.0142
952	436	CF: s10,ri0,561	-0.0168	0.0045	0.0000	0.0000	0.0000	-0.0080
952	436	2.71375LL+1.3CF	8.9788	0.1678	0.0000	0.0000	0.0000	-0.3781
953	560	T3t2Rd: s22,fi-1,682; s38,fi-6,168	-39.1831	0.1602	0.0000	0.0000	0.0000	0.1901
953	560	2.71375LL+1.3CF	91.2680	0.1657	0.0000	0.0000	0.0000	0.8125
953	437	2.71375LL+1.3CF	-91.2680	-0.1657	0.0000	0.0000	0.0000	0.0645
953	437	T3t2Rd: s22,fi-1,682; s38,fi-6,168	39.1831	-0.1602	0.0000	0.0000	0.0000	0.7068
956	571	2.71375LL+1.3CF	-32.0272	-0.0638	0.1798	-0.0064	-0.8070	-0.2502
956	571	T3t2Rd: s19,ri0,561	5.3880	-0.0061	0.0529	-0.0018	-0.2406	-0.0719
956	449	T3t2Rd: s19,ri0,561	-5.3880	0.0061	-0.0529	0.0018	-0.2274	0.0170
956	449	2.71375LL+1.3CF	32.0272	0.0638	-0.1798	0.0064	-0.7950	-0.3152
957	572	T3t2Rd: s20,ri0,561	-7.1142	0.0261	0.0640	-0.0015	-0.3094	0.0710
957	572	2.71375LL+1.3CF	50.6711	-0.1427	0.4005	-0.0115	-1.8322	-0.5215
957	448	2.71375LL+1.3CF	-50.6711	0.1427	-0.4005	0.0115	-1.7146	-0.7424
957	448	T3t2Rd: s20,ri0,561	7.1142	-0.0261	-0.0640	0.0015	-0.2631	0.1586
958	571	2.71375LL+1.3CF	-10.8497	-0.2340	0.0000	0.0000	0.0000	-0.7917
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
958	448	2.71375LL+1.3CF	10.8497	0.2340	0.0000	0.0000	0.0000	-0.4752
959	572	T3t2Rd: s26,fi-1,682; s40,fi-6,168	-43.9650	0.2034	0.0000	0.0000	0.0000	0.2475
959	572	2.71375LL+1.3CF	116.2254	0.2181	0.0000	0.0000	0.0000	1.0995
959	449	2.71375LL+1.3CF	-116.2254	-0.2181	0.0000	0.0000	0.0000	0.0922
959	449	T3t2Rd: s26,fi-1,682; s40,fi-6,168	43.9650	-0.2034	0.0000	0.0000	0.0000	0.8534
962	593	2.71375LL+1.3CF	-35.5711	-0.0700	0.0904	-0.0033	-0.4069	-0.2659

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
682	583	T3S2R4: s23,f0,581	4.2329	-0.0091	0.0340	-0.0011	-0.1551	-0.0870
682	461	T3S2R4: s23,f0,581	-4.2329	0.0091	-0.0340	0.0011	-0.1461	0.0063
682	461	2.7137*LL+1.3CF	95.9711	0.0700	-0.0904	0.0033	-0.3910	-0.3641
683	584	T3S2R4: s24,f0,581	-5.7000	0.0234	0.0409	-0.0009	-0.1948	0.0579
683	584	2.7137*LL+1.3CF	48.8972	-0.1362	0.1432	-0.0042	-0.6490	-0.5081
683	460	2.7137*LL+1.3CF	-48.8972	0.1362	-0.1432	0.0042	-0.6224	-0.6981
683	460	T3S2R4: s24,f0,581	5.7000	-0.0234	-0.0409	0.0009	-0.1671	0.1464
684	583	2.7137*LL+1.3CF	-11.8638	-0.3306	0.0000	0.0000	0.0000	-1.0240
684	583	T3S2R4: s0,fr1.682; s0,f2.804	0.0258	0.0001	0.0000	0.0000	0.0000	0.0004
684	460	T3S2R4: s0,fr1.682; s0,f2.804	-0.0258	-0.0001	0.0000	0.0000	0.0000	0.0001
684	460	2.7137*LL+1.3CF	11.8639	0.3306	0.0000	0.0000	0.0000	-0.7658
685	584	T3S2R4: s26,fr1.682; s42,fr6.169	-43.5832	0.2186	0.0000	0.0000	0.0000	0.2954
685	584	2.7137*LL+1.3CF	133.3985	0.2411	0.0000	0.0000	0.0000	1.2304
685	461	2.7137*LL+1.3CF	-133.3985	-0.2411	0.0000	0.0000	0.0000	0.0746
685	461	T3S2R4: s26,fr1.682; s42,fr6.169	43.5832	-0.2186	0.0000	0.0000	0.0000	0.6944
686	585	2.7137*LL+1.3CF	-37.2888	-0.0691	-0.0103	0.0000	0.0011	-0.2500
686	585	T3S2R4: s33,f0,581	3.6640	-0.0103	0.0002	-0.0001	0.0034	-0.0929
686	473	T3S2R4: s33,f0,581	-3.6640	0.0103	-0.0002	0.0001	-0.0052	0.0019
686	473	2.7137*LL+1.3CF	37.2888	0.0691	0.0103	0.0000	0.0088	-0.3619
688	586	T3S2R4: s31,f0,581	-5.0336	0.0212	0.0079	0.0002	-0.0466	0.0462
688	586	2.7137*LL+1.3CF	50.6261	-0.1409	-0.0008	0.0001	0.0080	-0.5215
688	472	2.7137*LL+1.3CF	-50.6261	0.1409	0.0008	-0.0001	0.0007	-0.7261
688	472	T3S2R4: s31,f0,581	5.0336	-0.0212	-0.0079	-0.0002	-0.0225	0.1367
700	595	2.7137*LL+1.3CF	-12.1932	-0.3597	0.0000	0.0000	0.0000	-1.1277
700	595	T3S2R4: s0,fr1.682; s0,f2.804	0.0090	0.0000	0.0000	0.0000	0.0000	-0.0002
700	472	T3S2R4: s0,fr1.682; s0,f2.804	-0.0090	0.0000	0.0000	0.0000	0.0000	0.0001
700	472	2.7137*LL+1.3CF	12.1932	0.3597	0.0000	0.0000	0.0000	-0.8199
701	596	T3S2R4: s33,fr0.581; s29,fr0.646	-44.4507	0.2383	0.0000	0.0000	0.0000	0.3834
701	596	2.7137*LL+1.3CF	136.9544	0.2483	0.0000	0.0000	0.0000	1.2731
701	473	2.7137*LL+1.3CF	-136.9544	-0.2483	0.0000	0.0000	0.0000	0.0711
701	473	T3S2R4: s33,fr0.581; s29,fr0.646	44.4507	-0.2383	0.0000	0.0000	0.0000	0.9050
714	607	2.7137*LL+1.3CF	-36.4111	-0.0712	-0.0918	0.0031	0.4052	-0.2730
714	607	T3S2R4: s37,f0,581	4.5465	-0.0100	-0.0392	0.0011	0.1666	-0.0868
714	485	T3S2R4: s37,f0,581	-4.5465	0.0100	0.0362	-0.0011	0.1535	0.0099

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
714	483	2.7137*LL+1.3CF	36.4111	0.0712	0.0918	-0.0031	0.4076	-0.3578
715	608	T3S2R4: s35,f0,581	-5.3571	0.0290	-0.0246	0.0012	0.0886	0.0725
715	608	2.7137*LL+1.3CF	48.4804	-0.1360	-0.1432	0.0042	0.6456	-0.5087
715	484	2.7137*LL+1.3CF	-48.4804	0.1360	0.1432	-0.0042	0.6230	-0.6960
715	484	T3S2R4: s35,f0,581	5.3571	-0.0290	0.0246	-0.0012	0.1183	0.1840
716	607	2.7137*LL+1.3CF	-11.7898	-0.3354	0.0000	0.0000	0.0000	-1.0226
716	607	T3S2R4: s58,fr0.581; s0,fr6.168	0.0000	-0.0012	0.0000	0.0000	0.0000	-0.0002
716	484	T3S2R4: s58,fr0.581; s0,fr6.168	0.0000	0.0012	0.0000	0.0000	0.0000	-0.0062
716	484	2.7137*LL+1.3CF	11.7898	0.3354	0.0000	0.0000	0.0000	-0.7932
717	608	T3S2R4: s34,fr1.682; s17,fr6.168	-46.6910	0.2142	0.0000	0.0000	0.0000	0.2757
717	608	2.7137*LL+1.3CF	130.7494	0.2428	0.0000	0.0000	0.0000	1.2187
717	483	2.7137*LL+1.3CF	-130.7494	-0.2426	0.0000	0.0000	0.0000	0.0943
717	485	T3S2R4: s34,fr1.682; s17,fr6.168	46.6910	-0.2142	0.0000	0.0000	0.0000	0.9041
730	619	2.7137*LL+1.3CF	-32.9995	-0.0673	-0.1688	0.0056	0.7522	-0.2746
730	619	2.7137*LL+1.3CF	6.2039	-0.0560	-0.0727	0.0024	0.3289	-0.0791
730	487	2.7137*LL+1.3CF	-6.2039	0.0560	0.0727	-0.0024	0.3147	0.0257
730	487	2.7137*LL+1.3CF	32.9995	0.0673	0.1689	-0.0056	0.7439	-0.3219
731	620	T3S2R4: s40,f0,581	-8.5049	0.0307	-0.0645	0.0018	0.3005	0.0813
731	620	2.7137*LL+1.3CF	50.5634	-0.1384	-0.3890	0.0113	1.7675	-0.5162
731	488	2.7137*LL+1.3CF	-50.5634	0.1384	0.3890	-0.0113	1.6778	-0.7092
731	488	T3S2R4: s40,f0,581	8.5049	-0.0307	0.0645	-0.0018	0.2704	0.1967
732	618	2.7137*LL+1.3CF	-10.4719	-0.2648	0.0000	0.0000	0.0000	-0.7490
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
732	486	2.7137*LL+1.3CF	10.4719	0.2648	0.0000	0.0000	0.0000	-0.6845
733	620	T3S2R4: s38,fr1.682; s19,fr6.168	-47.8335	0.1971	0.0000	0.0000	0.0000	0.2019
733	620	2.7137*LL+1.3CF	113.3448	0.2178	0.0000	0.0000	0.0000	1.0579
733	487	2.7137*LL+1.3CF	-113.3448	-0.2178	0.0000	0.0000	0.0000	0.1212
733	487	T3S2R4: s38,fr1.682; s19,fr6.168	47.8335	-0.1971	0.0000	0.0000	0.0000	0.8653
746	631	2.7137*LL+1.3CF	-28.8640	-0.0490	-0.3108	0.0100	1.3891	-0.1870
746	631	2.7137*LL+1.3CF	7.5450	-0.0308	-0.0806	0.0031	0.4082	-0.0461
746	509	2.7137*LL+1.3CF	-7.5450	0.0308	0.0806	-0.0031	0.3847	0.0386
746	509	2.7137*LL+1.3CF	28.8640	0.0490	0.3108	-0.0100	1.3934	-0.2472
747	632	T3S2R4: s44,f0,581	-6.4282	0.0306	-0.0713	0.0017	0.3331	0.0690

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
747	632	2.7137(LL+1.3CF	41.2221	-0.1086	-0.5431	0.0159	2.4735	-0.4163
747	506	2.7137(LL+1.3CF	-41.2221	0.1086	0.5431	-0.0159	2.3363	-0.5452
747	506	T352R4: s44,40,561	9.4292	-0.0306	0.0713	-0.0017	0.2883	0.1816
748	631	2.7137(LL+1.3CF	-8.4448	-0.2656	0.0000	0.0000	0.0000	-0.6934
748	631	CF: s40,40,561	0.0246	-0.0055	0.0000	0.0000	0.0000	-0.0196
748	506	CF: s40,40,561	-0.0246	0.0055	0.0000	0.0000	0.0000	-0.0196
748	506	2.7137(LL+1.3CF	8.4448	0.2656	0.0000	0.0000	0.0000	-0.7476
749	632	T352R4: s36,A-1,682; s21,A-6,188	-42.9548	0.1624	0.0000	0.0000	0.0000	0.1340
749	632	2.7137(LL+1.3CF	97.6693	0.2069	0.0000	0.0000	0.0000	0.9592
749	509	2.7137(LL+1.3CF	-97.6693	-0.2069	0.0000	0.0000	0.0000	-0.1280
749	509	T352R4: s36,A-1,682; s21,A-6,188	42.9548	-0.1624	0.0000	0.0000	0.0000	0.7450
762	643	2.7137(LL+1.3CF	-25.3868	-0.0358	-0.3639	0.0118	1.5824	-0.1476
762	643	T352R4: s48,40,561; s53,A-6,188	7.9969	0.0043	-0.0243	0.0015	0.1396	0.0544
762	521	T352R4: s48,40,561; s53,A-6,188	-7.9969	-0.0043	0.0243	-0.0015	0.0753	0.0341
762	521	2.7137(LL+1.3CF	20.3868	0.0358	0.3639	-0.0118	1.8307	-0.1694
763	644	T352R4: s47,40,561; s56,A-6,188	-8.8946	0.0280	-0.0471	0.0013	0.2164	0.0942
763	644	2.7137(LL+1.3CF	24.1279	-0.0057	-0.3670	0.0111	1.7816	-0.2241
763	520	2.7137(LL+1.3CF	-24.1279	0.0057	0.3670	-0.0111	1.6483	-0.2894
763	520	T352R4: s47,40,561; s56,A-6,188	8.8946	-0.0280	0.0471	-0.0013	0.2003	0.1535
764	643	2.7137(LL+1.3CF	-6.4754	-0.1625	0.0000	0.0000	0.0000	-0.3833
764	643	CF: s55,40,561	0.0103	-0.0019	0.0000	0.0000	0.0000	-0.0062
764	520	CF: s55,40,561	-0.0103	0.0019	0.0000	0.0000	0.0000	-0.0061
764	520	2.7137(LL+1.3CF	6.4754	0.1625	0.0000	0.0000	0.0000	-0.4965
765	644	T352R4: s43,A-1,682; s23,A-6,188	-27.8460	0.0970	0.0000	0.0000	0.0000	0.0470
765	644	2.7137(LL+1.3CF	55.4494	0.1116	0.0000	0.0000	0.0000	0.5429
765	521	2.7137(LL+1.3CF	-55.4494	-0.1116	0.0000	0.0000	0.0000	0.0912
765	521	T352R4: s43,A-1,682; s23,A-6,188	27.8460	-0.0970	0.0000	0.0000	0.0000	0.4782
778	655	2.7137(LL+1.3CF	-1.1427	0.0015	-0.0766	0.0004	0.0852	0.0262
778	655	T352R4: s45,A-0.561; s38,A-5.046	11.6477	-0.0406	0.1233	0.0018	-0.4978	-0.1564
778	533	T352R4: s45,A-0.561; s38,A-5.046	-11.6477	0.0406	-0.1200	-0.0018	-0.5853	-0.1808
778	533	2.7137(LL+1.3CF	1.1427	-0.0015	0.0766	-0.0004	0.0829	-0.0125
779	656	2.7137(LL+1.3CF	-0.4180	0.0035	-0.0109	-0.0001	0.0334	0.0126
779	656	2.7137(LL+1.3CF	16.1718	0.0434	-0.1240	-0.0023	0.6672	0.1994
779	532	2.7137(LL+1.3CF	-16.1718	-0.0434	0.1240	0.0023	0.4310	0.1941

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
779	532	2.7137(LL+1.3CF	0.4180	-0.0035	0.0109	0.0001	0.0743	0.0186
780	655	2.7137(LL+1.3CF	-10.7809	-0.0559	0.0000	0.0000	0.0000	-0.1652
780	655	T352R4: s47,31,682; s46,A-2,804	1.4117	-0.0357	0.0000	0.0000	0.0000	-0.0912
780	532	T352R4: s47,31,682; s46,A-2,804	-1.4117	0.0357	0.0000	0.0000	0.0000	-0.1018
780	532	2.7137(LL+1.3CF	10.7809	0.0559	0.0000	0.0000	0.0000	-0.1373
781	656	2.7137(LL+1.3CF	-7.2917	0.0696	0.0000	0.0000	0.0000	0.1850
781	656	T352R4: s55,A-6,188; s55,12,804	1.2185	0.0018	0.0000	0.0000	0.0000	0.0029
781	533	T352R4: s55,A-6,188; s55,12,804	-1.2185	-0.0018	0.0000	0.0000	0.0000	0.0068
781	533	2.7137(LL+1.3CF	7.2917	-0.0696	0.0000	0.0000	0.0000	0.1920
783	658	2.7137(LL+1.3CF	-0.6809	-0.0010	0.0413	-0.0010	-0.4236	0.0128
783	658	2.7137(LL+1.3CF	18.8426	-0.0447	0.1190	0.0024	-0.5026	-0.1901
783	536	2.7137(LL+1.3CF	-18.8426	0.0447	-0.1190	-0.0024	-0.5516	-0.2062
783	536	2.7137(LL+1.3CF	0.6809	0.0010	-0.0413	0.0010	0.0578	-0.0212
784	659	T352R4: s4,A-6,188	-0.3181	-0.0002	0.0051	0.0002	-0.0403	0.0021
784	659	2.7137(LL+1.3CF	16.8948	0.0367	-0.0240	-0.0031	0.5122	0.1548
784	535	2.7137(LL+1.3CF	-16.8948	-0.0367	0.0240	0.0031	-0.2983	0.1701
784	535	T352R4: s4,A-6,188	0.3181	0.0002	-0.0051	-0.0002	-0.0046	-0.0036
785	658	2.7137(LL+1.3CF	-13.4584	-0.0758	0.0000	0.0000	0.0000	-0.1625
785	658	2.7137(LL+1.3CF	4.3109	-0.0603	0.0000	0.0000	0.0000	-0.1779
785	535	2.7137(LL+1.3CF	-4.3109	0.0603	0.0000	0.0000	0.0000	-0.1490
785	535	2.7137(LL+1.3CF	13.4584	0.0758	0.0000	0.0000	0.0000	-0.2479
786	659	T352R4: s7,40,561; s27,A-6,188	-10.2985	0.0295	0.0000	0.0000	0.0000	0.0589
786	659	2.7137(LL+1.3CF	2.2096	0.0097	0.0000	0.0000	0.0000	0.0347
786	536	2.7137(LL+1.3CF	-2.2096	-0.0097	0.0000	0.0000	0.0000	0.0177
786	536	T352R4: s7,40,561; s27,A-6,188	10.2985	-0.0295	0.0000	0.0000	0.0000	0.1010
799	670	2.7137(LL+1.3CF	-18.3029	-0.0279	0.2754	-0.0105	-1.2507	-0.0829
799	670	2.7137(LL+1.3CF	5.3055	0.0044	0.0483	-0.0023	-0.2353	-0.0606
799	548	2.7137(LL+1.3CF	-5.3055	-0.0044	-0.0493	0.0023	-0.2031	0.0396
799	548	2.7137(LL+1.3CF	18.3029	0.0279	-0.2754	0.0105	-1.1883	-0.1544
800	671	T352R4: s12,51,682; s8,A-6,188	-5.2327	0.0127	0.0671	-0.0007	-0.2984	0.0337
800	671	2.7137(LL+1.3CF	23.7017	-0.0598	0.3625	-0.0091	-1.7327	-0.2200
800	547	2.7137(LL+1.3CF	-23.7017	0.0598	-0.3625	0.0091	-1.4776	-0.3006
800	547	T352R4: s12,51,682; s8,A-6,188	5.2327	-0.0127	-0.0671	0.0007	-0.2573	0.0788
801	670	2.7137(LL+1.3CF	-6.8810	-0.1071	0.0000	0.0000	0.0000	-0.3888

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
801	547	2.71375LL+1.3CF	6.8810	0.1071	0.0000	0.0000	0.0000	-0.2913
802	671	T352R4: s14,t0.561; s34,h4.168	-22.2230	0.0644	0.0000	0.0000	0.0000	-0.0212
802	671	2.71375LL+1.3CF	62.2360	0.0977	0.0000	0.0000	0.0000	0.5194
802	548	2.71375LL+1.3CF	-62.2360	-0.0977	0.0000	0.0000	0.0000	0.0096
802	548	T352R4: s14,t0.561; s34,h4.168	22.2230	-0.0644	0.0000	0.0000	0.0000	0.3999
815	662	2.71375LL+1.3CF	-26.5643	-0.0449	0.2188	-0.0082	-0.9907	-0.1491
815	662	2.71375LL+1.3CF	3.8867	0.0001	0.0605	-0.0026	-0.2887	-0.0304
815	560	2.71375LL+1.3CF	-3.8867	-0.0001	-0.0605	0.0038	-0.2473	0.0317
815	560	2.71375LL+1.3CF	26.5643	0.0449	-0.2188	0.0082	-0.9470	-0.2489
816	663	T352R4: s16,t1.662	-4.0140	0.0153	0.0913	-0.0021	-0.4349	0.0249
816	663	2.71375LL+1.3CF	39.8069	-0.1032	0.3508	-0.0093	-1.8540	-0.3769
816	559	2.71375LL+1.3CF	-39.8069	0.1032	-0.3508	0.0093	-1.4527	-0.5382
816	559	T352R4: s16,t1.662	4.0140	-0.0153	-0.0913	0.0021	-0.3737	0.1126
817	662	2.71375LL+1.3CF	-10.2127	-0.2510	0.0000	0.0000	0.0000	-0.7295
817	662	T352R4: s8,h4.168; s0,h-0.561	0.2195	0.0047	0.0000	0.0000	0.0000	-0.0177
817	559	T352R4: s8,h4.168; s0,h-0.561	-0.2195	-0.0047	0.0000	0.0000	0.0000	0.0429
817	559	2.71375LL+1.3CF	10.2127	0.2510	0.0000	0.0000	0.0000	-0.6369
818	663	T352R4: s18,h-0.561; s38,h4.168	-31.2822	0.1977	0.0000	0.0000	0.0000	0.3451
818	663	2.71375LL+1.3CF	108.2743	0.1730	0.0000	0.0000	0.0000	0.9019
818	560	2.71375LL+1.3CF	-108.2743	-0.1730	0.0000	0.0000	0.0000	0.0347
818	560	T352R4: s18,h-0.561; s38,h4.168	31.2822	-0.1977	0.0000	0.0000	0.0000	0.7272
831	694	2.71375LL+1.3CF	-36.3700	-0.0530	0.2114	-0.0076	-0.8478	-0.1452
831	694	2.71375LL+1.3CF	1.5077	-0.0059	0.0529	-0.0015	-0.2181	-0.0596
831	572	2.71375LL+1.3CF	-1.5077	0.0058	-0.0529	0.0015	-0.2527	0.0072
831	572	2.71375LL+1.3CF	36.3700	0.0530	-0.2114	0.0076	-0.8245	-0.1245
832	695	T352R4: s20,t1.662	-1.5795	0.0108	0.0842	-0.0021	-0.3970	0.0016
832	695	2.71375LL+1.3CF	50.8990	-0.1361	0.2435	-0.0065	-1.1457	-0.4807
832	571	2.71375LL+1.3CF	-50.8990	0.1361	-0.2435	0.0065	-1.0127	-0.7151
832	571	T352R4: s20,t1.662	1.5795	-0.0108	-0.0842	0.0021	-0.3486	0.0937
833	694	2.71375LL+1.3CF	-12.8303	-0.3787	0.0000	0.0000	0.0000	-1.2119
833	694	T352R4: s0,t0.561; s0,h-3.925	0.0416	-0.0003	0.0000	0.0000	0.0000	-0.0008
833	571	T352R4: s0,t0.561; s0,h-3.925	-0.0416	0.0003	0.0000	0.0000	0.0000	-0.0009

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
833	571	2.71375LL+1.3CF	12.8303	0.3787	0.0000	0.0000	0.0000	-0.8380
834	695	T352R4: s22,h0.561; s40,h4.168	-33.7422	0.2907	0.0000	0.0000	0.0000	0.4911
834	695	2.71375LL+1.3CF	136.3791	0.2247	0.0000	0.0000	0.0000	1.1515
834	572	2.71375LL+1.3CF	-136.3791	-0.2247	0.0000	0.0000	0.0000	0.0952
834	572	T352R4: s22,h0.561; s40,h4.168	33.7422	-0.2907	0.0000	0.0000	0.0000	0.8201
847	706	2.71375LL+1.3CF	-40.5963	-0.0573	0.1285	-0.0044	-0.5685	-0.1419
847	706	CF: s47,t0.561	0.0539	0.0013	0.0075	-0.0003	-0.0329	0.0094
847	584	CF: s47,t0.561	-0.0539	-0.0013	-0.0075	0.0002	-0.0340	0.0015
847	584	2.71375LL+1.3CF	40.5963	0.0573	-0.1285	0.0044	-0.5685	-0.3652
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
848	707	2.71375LL+1.3CF	57.1435	-0.1059	0.1405	-0.0037	-0.6575	-0.9539
848	583	2.71375LL+1.3CF	-57.1435	0.1059	-0.1405	0.0037	-0.5864	-0.8267
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
849	706	2.71375LL+1.3CF	-14.3443	-0.4458	0.0000	0.0000	0.0000	-1.4579
849	706	T352R4: s0,t0.561; s0,h-3.925	0.0233	0.0000	0.0000	0.0000	0.0000	-0.0002
849	583	T352R4: s0,t0.561; s0,h-3.925	-0.0233	0.0000	0.0000	0.0000	0.0000	0.0002
849	583	2.71375LL+1.3CF	14.3443	0.4458	0.0000	0.0000	0.0000	-0.9856
850	707	T352R4: s23,t0.561; s27,h-3.925	-34.2613	0.2748	0.0000	0.0000	0.0000	0.4849
850	707	2.71375LL+1.3CF	148.1372	0.2096	0.0000	0.0000	0.0000	1.1488
850	584	2.71375LL+1.3CF	-148.1372	-0.2096	0.0000	0.0000	0.0000	-0.0142
850	584	T352R4: s23,t0.561; s27,h-3.925	34.2613	-0.2748	0.0000	0.0000	0.0000	1.0018
863	718	2.71375LL+1.3CF	-42.0422	-0.0581	-0.0023	-0.0002	0.0030	-0.1368
863	718	CF: s11,t0.561	0.0158	0.0009	-0.0022	0.0001	0.0093	0.0075
863	596	CF: s11,t0.561	-0.0158	-0.0009	0.0022	-0.0001	0.0152	0.0009
863	596	2.71375LL+1.3CF	42.0422	0.0581	0.0023	0.0002	0.0173	-0.3775
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
864	719	2.71375LL+1.3CF	59.4619	-0.1624	-0.0019	0.0000	0.0181	-0.5769
864	595	2.71375LL+1.3CF	-59.4619	0.1624	0.0019	0.0000	0.0005	-0.8612
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
865	718	2.71375LL+1.3CF	-14.7894	-0.4642	0.0000	0.0000	0.0000	-1.5219
865	718	T352R4: s0,t0.561; s0,h-3.925	0.0057	0.0001	0.0000	0.0000	0.0000	0.0000
865	595	T352R4: s0,t0.561; s0,h-3.925	-0.0057	-0.0001	0.0000	0.0000	0.0000	0.0004
865	595	2.71375LL+1.3CF	14.7894	0.4642	0.0000	0.0000	0.0000	-0.9648
866	719	T352R4: s30,t0.561; s29,h-3.925	-34.3183	0.2893	0.0000	0.0000	0.0000	0.5196

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
668	719	2.7137SLL+1.3CF	149.6965	0.1949	0.0000	0.0000	0.0000	1.1099
668	596	2.7137SLL+1.3CF	-149.6965	-0.1949	0.0000	0.0000	0.0000	-0.0537
668	596	T352R4: v30,r0,561; v29,r-3.925	34.3183	-0.2868	0.0000	0.0000	0.0000	1.0481
679	730	2.7137SLL+1.3CF	-41.4452	-0.0592	-0.1325	0.0044	0.5843	-0.1521
679	730	CF: v16,r0,561	0.0299	0.0015	-0.0097	0.0003	0.0422	0.0119
679	606	CF: v16,r0,561	-0.0299	-0.0015	0.0097	-0.0003	0.0436	0.0016
679	606	2.7137SLL+1.3CF	41.4452	0.0592	0.1325	-0.0044	0.5893	-0.3725
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
680	731	2.7137SLL+1.3CF	58.0406	-0.1567	-0.1395	0.0041	0.6378	-0.5606
680	607	2.7137SLL+1.3CF	-58.0406	0.1567	0.1395	-0.0041	0.5975	-0.8268
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
681	730	2.7137SLL+1.3CF	-14.0154	-0.4649	0.0000	0.0000	0.0000	-1.4920
681	730	T352R4: s0,r-0.561; s0,r7.289; s0,r-6.168	0.0035	0.0002	0.0000	0.0000	0.0000	0.0004
681	607	T352R4: s0,r-0.561; s0,r7.289; s0,r-6.168	-0.0035	-0.0002	0.0000	0.0000	0.0000	0.0005
681	607	2.7137SLL+1.3CF	14.0154	0.4649	0.0000	0.0000	0.0000	-1.0246
682	731	T352R4: v36,r0,561; v33,r-3.925	-37.2430	0.2749	0.0000	0.0000	0.0000	0.4701
682	731	2.7137SLL+1.3CF	146.8028	0.2136	0.0000	0.0000	0.0000	1.1048
682	608	2.7137SLL+1.3CF	-146.8028	-0.2136	0.0000	0.0000	0.0000	0.0018
682	608	T352R4: v36,r0,561; v33,r-3.925	37.2430	-0.2749	0.0000	0.0000	0.0000	1.0179
695	742	2.7137SLL+1.3CF	-58.0986	-0.0591	-0.2171	0.0076	0.9683	-0.1808
695	742	2.7137SLL+1.3CF	1.7807	-0.0078	-0.0037	0.0014	0.2196	-0.0764
695	620	2.7137SLL+1.3CF	-1.7807	0.0078	0.0037	-0.0014	0.2554	0.0093
695	620	2.7137SLL+1.3CF	58.0986	0.0591	0.2171	-0.0076	0.9540	-0.3428
696	743	T352R4: s46,r1.682	-1.9583	0.0148	-0.0816	0.0022	0.3788	0.0077
696	743	2.7137SLL+1.3CF	51.7888	-0.1362	-0.2415	0.0068	1.1198	-0.5006
696	619	2.7137SLL+1.3CF	-51.7888	0.1362	0.2415	-0.0068	1.0190	-0.7067
696	619	T352R4: s46,r1.682	1.9583	-0.0148	0.0816	-0.0022	0.3487	0.1235
697	742	2.7137SLL+1.3CF	-12.1206	-0.3958	0.0000	0.0000	0.0000	-1.2112
697	742	T352R4: s0,r-6.168; s0,r7.289	0.0032	0.0000	0.0000	0.0000	0.0000	0.0002
697	619	T352R4: s0,r-6.168; s0,r7.289	-0.0032	0.0000	0.0000	0.0000	0.0000	-0.0001
697	619	2.7137SLL+1.3CF	12.1206	0.3958	0.0000	0.0000	0.0000	-0.9312
698	743	T352R4: v36,r0,561; v35,r-3.925	-39.8189	0.2538	0.0000	0.0000	0.0000	0.3984
698	743	2.7137SLL+1.3CF	130.8470	0.2295	0.0000	0.0000	0.0000	1.1367
698	620	2.7137SLL+1.3CF	-130.8470	-0.2295	0.0000	0.0000	0.0000	0.1069

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
698	620	T352R4: v36,r0,561; v35,r-3.925	39.8189	-0.2538	0.0000	0.0000	0.0000	0.6758
811	754	2.7137SLL+1.3CF	-30.5501	-0.0512	-0.2312	0.0085	1.0375	-0.1930
811	754	2.7137SLL+1.3CF	4.5356	-0.0014	-0.0648	0.0024	0.2917	-0.0480
811	632	2.7137SLL+1.3CF	-4.5356	0.0014	0.0648	-0.0024	0.2602	0.0361
811	632	2.7137SLL+1.3CF	30.5501	0.0512	0.2312	-0.0085	1.0096	-0.2705
812	755	T352R4: s44,r1.682	-4.3841	0.0202	-0.0676	0.0023	0.4088	0.0337
812	755	2.7137SLL+1.3CF	40.7591	-0.1028	-0.3482	0.0096	1.6295	-0.3863
812	631	2.7137SLL+1.3CF	-40.7591	0.1028	0.3482	-0.0096	1.4574	-0.5244
812	631	T352R4: s44,r1.682	4.3841	-0.0202	0.0676	-0.0023	0.3668	0.1448
813	754	2.7137SLL+1.3CF	-9.7153	-0.2793	0.0000	0.0000	0.0000	-0.7619
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
813	631	2.7137SLL+1.3CF	9.7153	0.2793	0.0000	0.0000	0.0000	-0.7509
814	755	T352R4: s39,r0.561; s21,r-6.168	-35.8497	0.2229	0.0000	0.0000	0.0000	0.3758
814	755	2.7137SLL+1.3CF	113.0811	0.1957	0.0000	0.0000	0.0000	0.9946
814	632	2.7137SLL+1.3CF	-113.0811	-0.1957	0.0000	0.0000	0.0000	0.0650
814	632	T352R4: s39,r0.561; s21,r-6.168	35.8497	-0.2229	0.0000	0.0000	0.0000	0.8307
827	788	2.7137SLL+1.3CF	-20.3504	-0.0354	-0.2840	0.0106	1.2950	-0.1957
827	788	T352R4: s43,r1.682; s49,r-6.168	5.1585	0.0023	-0.0315	0.0018	0.1611	-0.0219
827	644	T352R4: s45,r1.682; s49,r-6.168	-5.1585	-0.0023	0.0315	-0.0018	0.1177	0.0420
827	644	2.7137SLL+1.3CF	20.3504	0.0354	0.2840	-0.0106	1.2351	-0.1777
828	787	T352R4: s45,r1.682; s53,r-6.168	-4.9754	0.0166	-0.0693	0.0011	0.3435	0.0431
828	787	2.7137SLL+1.3CF	25.5162	-0.0997	-0.3390	0.0089	1.6101	-0.2351
828	643	2.7137SLL+1.3CF	-25.5162	0.0997	0.3390	-0.0089	1.3922	-0.2934
828	643	T352R4: s45,r1.682; s53,r-6.168	4.9754	-0.0166	0.0693	-0.0011	0.2704	0.1037
829	788	2.7137SLL+1.3CF	-7.1163	-0.1668	0.0000	0.0000	0.0000	-0.4004
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
829	643	2.7137SLL+1.3CF	7.1163	0.1668	0.0000	0.0000	0.0000	-0.5029
930	787	T352R4: s43,r0.561; s32,r-3.925	-26.2323	0.1039	0.0000	0.0000	0.0000	0.0596
930	787	2.7137SLL+1.3CF	64.7104	0.1147	0.0000	0.0000	0.0000	0.8772
930	644	2.7137SLL+1.3CF	-64.7104	-0.1147	0.0000	0.0000	0.0000	0.0435
930	644	T352R4: s43,r0.561; s32,r-3.925	26.2323	-0.1039	0.0000	0.0000	0.0000	0.5029
943	778	2.7137SLL+1.3CF	-8.8369	-0.0013	-0.0391	0.0004	0.3227	0.0578

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
943	778	T352R4: s45,51,682; s38,h-2,804	10.4988	-0.0274	0.0712	0.0018	-0.1725	-0.1187
943	656	T352R4: s45,51,682; s38,h-2,804	-10.4988	0.0274	-0.0712	-0.0018	-0.4585	-0.1244
943	656	2.7137(LL+1.3CF	0.8309	0.0013	0.0391	-0.0004	0.0236	-0.0181
944	779	T352R4: s55,h-6,168	-0.1195	0.0000	0.0023	-0.0001	0.0029	0.0036
944	779	2.7137(LL+1.3CF	18.1344	0.0449	-0.1807	-0.0020	0.7807	0.1995
944	655	2.7137(LL+1.3CF	-18.1344	-0.0449	0.1807	0.0020	0.5268	0.1981
944	655	T352R4: s55,h-6,168	0.1195	0.0000	-0.0023	0.0001	-0.0231	-0.0032
945	778	2.7137(LL+1.3CF	-12.4858	-0.1382	0.0000	0.0000	0.0000	-0.4913
945	778	T352R4: s45,h-1,682; s52,r0,804	1.2095	-0.0298	0.0000	0.0000	0.0000	-0.0685
945	653	T352R4: s45,h-1,682; s52,r0,804	-1.2095	0.0298	0.0000	0.0000	0.0000	-0.0443
945	655	2.7137(LL+1.3CF	12.4858	0.1382	0.0000	0.0000	0.0000	-0.3542
946	779	2.7137(LL+1.3CF	-6.1838	0.0014	0.0000	0.0000	0.0000	0.1308
946	779	T352R4: s55,h-5,825; s55,r0,325	0.5358	0.0032	0.0000	0.0000	0.0000	0.0112
946	656	T352R4: s55,h-5,825; s55,r0,825	-0.5358	-0.0032	0.0000	0.0000	0.0000	0.0064
946	656	2.7137(LL+1.3CF	5.1838	-0.0014	0.0000	0.0000	0.0000	0.1475
948	781	2.7137(LL+1.3CF	-0.8784	-0.0011	-0.0014	-0.0003	-0.0289	-0.0058
948	781	2.7137(LL+1.3CF	25.4255	-0.0660	0.3351	0.0030	-1.9646	-0.2739
948	659	2.7137(LL+1.3CF	-25.4255	0.0660	-0.3351	-0.0030	-1.0974	-0.3099
948	659	2.7137(LL+1.3CF	0.8784	0.0011	0.0014	0.0003	0.0413	-0.0085
949	782	T352R4: s4,h-2,804	-6.1964	-0.0003	0.0067	0.0002	-0.0455	0.0020
949	782	2.7137(LL+1.3CF	27.3648	0.1042	0.3438	0.0031	-1.2110	0.4302
949	656	2.7137(LL+1.3CF	-27.3648	-0.1042	-0.3438	-0.0031	-1.8224	0.4890
949	656	T352R4: s4,h-2,804	6.1964	0.0003	-0.0067	-0.0002	-0.0158	-0.0049
950	781	2.7137(LL+1.3CF	-13.2560	-0.1387	0.0000	0.0000	0.0000	-0.3339
950	781	2.7137(LL+1.3CF	3.4302	-0.0277	0.0000	0.0000	0.0000	-0.0895
950	658	2.7137(LL+1.3CF	-3.4302	0.0277	0.0000	0.0000	0.0000	-0.0603
950	658	2.7137(LL+1.3CF	13.2560	0.1387	0.0000	0.0000	0.0000	-0.4172
951	782	T352R4: s14,42,804; s25,h-6,168	-7.4182	0.0747	0.0000	0.0000	0.0000	0.2328
951	782	2.7137(LL+1.3CF	5.0626	0.0071	0.0000	0.0000	0.0000	0.0292
951	659	2.7137(LL+1.3CF	-5.0626	-0.0071	0.0000	0.0000	0.0000	0.0091
951	659	T352R4: s14,42,804; s25,h-6,168	7.4182	-0.0747	0.0000	0.0000	0.0000	0.1714
964	783	2.7137(LL+1.3CF	-17.8329	-0.0309	0.1622	-0.0069	-0.7488	-0.0844
964	783	2.7137(LL+1.3CF	6.4861	0.0113	0.0880	-0.0038	-0.4200	0.0515
964	671	2.7137(LL+1.3CF	-6.4861	-0.0113	-0.0880	0.0038	-0.3561	0.0481

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
964	671	2.7137(LL+1.3CF	17.8329	0.0309	-0.1622	0.0069	-0.6858	-0.1746
965	784	T352R4: s12,52,804; s10,h-6,168	-2.2774	0.0131	0.0406	-0.0006	-0.2349	0.0182
965	784	2.7137(LL+1.3CF	24.7672	-0.0527	0.4192	-0.0114	-1.8916	-0.1441
965	670	2.7137(LL+1.3CF	-24.7672	0.0527	-0.4192	0.0114	-1.7175	-0.3212
965	670	T352R4: s12,52,804; s10,h-6,168	2.2774	-0.0131	-0.0406	0.0006	-0.1492	0.0964
966	793	2.7137(LL+1.3CF	-7.5596	-0.0540	0.0000	0.0000	0.0000	-0.2678
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
966	670	2.7137(LL+1.3CF	7.5596	0.0540	0.0000	0.0000	0.0000	-0.0344
967	784	T352R4: s10,51,682; s34,h-6,168	-17.8697	0.0746	0.0000	0.0000	0.0000	0.0635
967	784	2.7137(LL+1.3CF	88.4824	0.1122	0.0000	0.0000	0.0000	0.6427
967	671	2.7137(LL+1.3CF	-88.4824	-0.1122	0.0000	0.0000	0.0000	-0.0353
967	671	T352R4: s10,51,882; s34,h-6,168	17.8697	-0.0746	0.0000	0.0000	0.0000	0.3403
980	805	2.7137(LL+1.3CF	-25.6063	-0.0598	0.0141	-0.0013	-0.0756	-0.2760
980	805	2.7137(LL+1.3CF	8.7376	0.0157	0.1035	-0.0046	-0.4765	0.0798
980	683	2.7137(LL+1.3CF	-8.7376	-0.0157	-0.1035	0.0046	-0.4365	0.0601
980	683	2.7137(LL+1.3CF	25.6063	0.0598	-0.0141	0.0013	-0.0492	-0.2527
981	806	T352R4: s16,53,825; s10,h-6,168	-5.7168	0.0108	0.1013	-0.0025	-0.4827	0.0631
981	806	2.7137(LL+1.3CF	40.5442	-0.0899	0.3917	-0.0109	-1.8279	-0.2302
981	682	2.7137(LL+1.3CF	-40.5442	0.0899	-0.3917	0.0109	-1.8284	-0.5629
981	682	T352R4: s16,53,825; s10,h-6,168	5.7168	-0.0108	-0.1013	0.0025	-0.4108	0.0320
982	806	2.7137(LL+1.3CF	-12.0715	-0.2107	0.0000	0.0000	0.0000	-0.9569
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
982	682	2.7137(LL+1.3CF	12.0715	0.2107	0.0000	0.0000	0.0000	-0.2837
983	806	T352R4: s14,51,682; s38,h-6,168	-22.8126	0.1477	0.0000	0.0000	0.0000	0.2272
983	806	2.7137(LL+1.3CF	117.3005	0.2151	0.0000	0.0000	0.0000	1.1633
983	683	2.7137(LL+1.3CF	-117.3005	-0.2151	0.0000	0.0000	0.0000	0.0513
983	683	T352R4: s14,51,682; s38,h-6,168	22.8126	-0.1477	0.0000	0.0000	0.0000	0.5724
998	817	2.7137(LL+1.3CF	-32.1818	-0.0755	0.0241	-0.0013	-0.1121	-0.3429
998	817	2.7137(LL+1.3CF	6.7143	0.0146	0.1063	-0.0039	-0.4702	0.0896
998	685	2.7137(LL+1.3CF	-6.7143	-0.0146	-0.1063	0.0039	-0.4603	0.0392
998	685	2.7137(LL+1.3CF	32.1818	0.0755	-0.0241	0.0013	-0.1306	-0.3246
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
997	618	2.7137SLL+1.3CF	52.0105	-0.1186	0.2953	-0.0081	-1.3229	-0.2999
997	694	2.7137SLL+1.3CF	-52.0105	0.1186	-0.2953	0.0081	-1.1949	-0.7469
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
998	617	2.7137SLL+1.3CF	-15.7897	-0.3133	0.0000	0.0000	0.0000	-1.3055
998	617	T352R4: x0,r1.682; x0,r-2.804	0.0401	-0.0003	0.0000	0.0000	0.0000	-0.0008
998	694	T352R4: x0,r1.682; x0,r-2.804	-0.0401	0.0003	0.0000	0.0000	0.0000	-0.0009
998	694	2.7137SLL+1.3CF	15.7897	0.3133	0.0000	0.0000	0.0000	-0.3905
999	618	T352R4: x18,r1.682; x40,r4.188	-19.3948	0.2026	0.0000	0.0000	0.0000	0.3946
999	618	2.7137SLL+1.3CF	147.1587	0.2914	0.0000	0.0000	0.0000	1.5273
999	695	2.7137SLL+1.3CF	-147.1587	-0.2914	0.0000	0.0000	0.0000	0.5704
999	695	T352R4: x18,r1.682; x40,r4.188	19.3949	-0.2026	0.0000	0.0000	0.0000	0.7020
1012	629	2.7137SLL+1.3CF	-35.6806	-0.0823	0.0233	-0.0008	-0.1005	-0.3651
1012	629	2.7137SLL+1.3CF	5.1179	0.0132	0.0802	-0.0027	-0.3623	0.0934
1012	707	2.7137SLL+1.3CF	-5.1179	-0.0132	-0.0802	0.0027	-0.3467	0.0232
1012	707	2.7137SLL+1.3CF	35.6806	0.0823	-0.0233	0.0008	-0.1051	-0.3626
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1013	630	2.7137SLL+1.3CF	58.7269	-0.1357	0.1704	-0.0048	-0.7854	-0.3353
1013	708	2.7137SLL+1.3CF	-58.7269	0.1357	-0.1704	0.0048	-0.7186	-0.5817
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1014	629	2.7137SLL+1.3CF	-18.0051	-0.3774	0.0000	0.0000	0.0000	-1.3978
1014	629	T352R4: x0,r-1.682; x0,r2.804	0.0218	-0.0001	0.0000	0.0000	0.0000	-0.0003
1014	708	T352R4: x0,r-1.682; x0,r2.804	-0.0218	0.0001	0.0000	0.0000	0.0000	-0.0003
1014	708	2.7137SLL+1.3CF	18.0051	0.3774	0.0000	0.0000	0.0000	-0.4453
1015	630	T352R4: x22,r1.682; x24,r-2.804	-12.1328	0.3501	0.0000	0.0000	0.0000	0.8925
1015	630	2.7137SLL+1.3CF	156.8672	0.3341	0.0000	0.0000	0.0000	1.6679
1015	707	2.7137SLL+1.3CF	-156.8672	-0.3341	0.0000	0.0000	0.0000	0.1410
1015	707	T352R4: x22,r1.682; x24,r-2.804	12.1328	-0.3501	0.0000	0.0000	0.0000	1.0030
1028	841	T352R4: x28,r1.682; x29,r-2.804	-31.7378	-0.0868	0.0044	0.0002	-0.0058	-0.4264
1028	841	2.7137SLL+1.3CF	4.9064	0.0112	-0.0054	0.0003	0.0189	0.0003
1028	719	2.7137SLL+1.3CF	-4.9064	-0.0112	0.0054	-0.0003	0.0287	0.0089
1028	719	T352R4: x29,r1.682; x29,r-2.804	31.7378	0.0868	-0.0044	-0.0002	-0.0539	-0.3394
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1029	842	2.7137SLL+1.3CF	62.0096	-0.1401	-0.0001	0.0001	0.0074	-0.3424
1029	718	2.7137SLL+1.3CF	-62.0096	0.1401	0.0021	-0.0001	0.0108	-0.8936

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1030	841	2.7137SLL+1.3CF	-18.5499	-0.3789	0.0000	0.0000	0.0000	-1.8290
1030	841	T352R4: x0,r-2.804; x0,r1.682	0.0095	0.0001	0.0000	0.0000	0.0000	0.0000
1030	718	T352R4: x0,r-2.804; x0,r1.682	-0.0095	-0.0001	0.0000	0.0000	0.0000	0.0004
1030	718	2.7137SLL+1.3CF	18.5499	0.3789	0.0000	0.0000	0.0000	-0.4221
1031	842	T352R4: x30,r1.682; x34,r-2.804	-9.6925	0.3049	0.0000	0.0000	0.0000	1.0253
1031	842	2.7137SLL+1.3CF	156.1624	0.3090	0.0000	0.0000	0.0000	1.5969
1031	719	2.7137SLL+1.3CF	-156.1624	-0.3090	0.0000	0.0000	0.0000	0.0731
1031	719	T352R4: x30,r1.682; x34,r-2.804	9.6925	-0.3049	0.0000	0.0000	0.0000	1.1119
1044	853	2.7137SLL+1.3CF	-36.3653	-0.0964	-0.0221	0.0008	0.0951	-0.3873
1044	853	2.7137SLL+1.3CF	4.6459	0.0184	-0.0746	0.0024	0.3302	0.0733
1044	731	2.7137SLL+1.3CF	-4.6459	-0.0184	0.0746	-0.0024	0.3310	0.0184
1044	731	2.7137SLL+1.3CF	36.3653	0.0964	0.0221	-0.0008	0.1001	-0.3783
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1045	854	2.7137SLL+1.3CF	59.4744	-0.1366	-0.1674	0.0048	0.7757	-0.3428
1045	730	2.7137SLL+1.3CF	-59.4744	0.1366	0.1674	-0.0048	0.7512	-0.8629
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1046	853	2.7137SLL+1.3CF	-17.7292	-0.3698	0.0000	0.0000	0.0000	-1.8038
1046	853	T352R4: x0,r-1.682; x0,r7.289	0.0033	0.0002	0.0000	0.0000	0.0000	0.0007
1046	730	T352R4: x0,r-1.682; x0,r7.289	-0.0033	-0.0002	0.0000	0.0000	0.0000	0.0002
1046	730	2.7137SLL+1.3CF	17.7292	0.3698	0.0000	0.0000	0.0000	-0.5062
1047	854	T352R4: x36,r1.682; x37,r-2.804	-16.7203	0.3579	0.0000	0.0000	0.0000	0.8862
1047	854	2.7137SLL+1.3CF	156.2178	0.3192	0.0000	0.0000	0.0000	1.6328
1047	731	2.7137SLL+1.3CF	-156.2178	-0.3192	0.0000	0.0000	0.0000	0.0962
1047	731	T352R4: x36,r1.682; x37,r-2.804	16.7203	-0.3579	0.0000	0.0000	0.0000	1.0014
1060	865	2.7137SLL+1.3CF	-34.0853	-0.0826	-0.0301	0.0014	0.1356	-0.3807
1060	865	2.7137SLL+1.3CF	7.1820	0.0150	-0.0930	0.0033	0.4136	0.0969
1060	743	2.7137SLL+1.3CF	-7.1820	-0.0150	0.0930	-0.0033	0.4085	0.0459
1060	743	2.7137SLL+1.3CF	34.0853	0.0826	0.0301	-0.0014	0.1303	-0.3497
1061	866	T352R4: x46,r3.925; x48,r4.188	-9.1504	0.0062	-0.0190	0.0009	0.0843	0.0539
1061	866	2.7137SLL+1.3CF	53.7030	42.1206	-0.2946	0.0062	1.3242	-0.3146
1061	742	2.7137SLL+1.3CF	-53.7030	0.1206	0.2946	-0.0062	1.1987	-0.7501
1061	742	T352R4: x46,r3.925; x48,r4.188	3.1504	-0.0062	0.0190	-0.0009	0.0832	0.0196
1062	865	2.7137SLL+1.3CF	-15.1832	-0.3467	0.0000	0.0000	0.0000	-1.3723

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1062	865	T3E2Rd: s0.A-E.168; s0.X7.289; s0.X-1.682	0.0028	0.0000	0.0000	0.0000	0.0000	0.0003
1062	742	T3E2Rd: s0.A-E.168; s0.X7.289; s0.X-1.682	-0.0028	0.0000	0.0000	0.0000	0.0000	-0.0001
1062	742	2.71375LL+1.3CF	15.1932	0.3467	0.0003	0.0000	0.0000	-0.5045
1063	866	T3E2Rd: s42.X1.882; s40.A-2.804	-24.3350	0.3090	0.0000	0.0000	0.0000	0.7171
1063	866	2.71375LL+1.3CF	142.3026	0.2951	0.0005	0.0000	0.0000	1.5009
1063	743	2.71375LL+1.3CF	-142.3026	-0.2951	0.0000	0.0000	0.0000	0.0966
1063	743	T3E2Rd: s42.X1.882; s40.A-2.804	24.3350	-0.3090	0.0000	0.0000	0.0000	0.9557
1076	877	2.71375LL+1.3CF	-28.0472	-0.0680	-0.0143	0.0013	0.0678	-0.3227
1076	877	2.71375LL+1.3CF	9.7031	0.0174	-0.0727	0.0029	0.3350	0.0832
1076	755	2.71375LL+1.3CF	-9.7031	-0.0174	0.0727	-0.0029	0.3078	0.0709
1076	755	2.71375LL+1.3CF	28.0472	0.0695	0.0143	-0.0013	0.0585	-0.2829
1077	878	T3E2Rd: s47.X3.825; s46.A-E.168	-6.4785	0.0186	-0.0583	0.0018	0.2917	0.0843
1077	878	2.71375LL+1.3CF	43.0950	-0.0931	-0.3454	0.0097	1.8224	-0.2570
1077	754	2.71375LL+1.3CF	-43.0950	0.0931	0.3454	-0.0097	1.4248	-0.3844
1077	754	T3E2Rd: s47.X3.825; s46.A-E.168	6.4785	-0.0186	0.0583	-0.0018	0.2348	0.0795
1078	877	2.71375LL+1.3CF	-11.4191	-0.2461	0.0000	0.0000	0.0000	-0.8814
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1078	754	2.71375LL+1.3CF	11.4191	0.2461	0.0000	0.0000	0.0000	-0.4401
1079	878	T3E2Rd: s46.X1.882; s38.A-2.804	-27.0341	0.2389	0.0000	0.0000	0.0000	0.5027
1079	878	2.71375LL+1.3CF	110.6998	0.2246	0.0000	0.0000	0.0000	1.1585
1079	755	2.71375LL+1.3CF	-110.6998	-0.2246	0.0000	0.0000	0.0000	0.0595
1079	755	T3E2Rd: s46.X1.882; s38.A-2.804	27.0341	-0.2389	0.0000	0.0000	0.0000	0.7903
1092	889	2.71375LL+1.3CF	-18.8264	-0.0443	0.0182	0.0006	-0.0719	-0.2144
1092	889	2.71375LL+1.3CF	6.4591	0.0140	-0.0444	0.0024	0.2325	0.0605
1092	767	2.71375LL+1.3CF	-6.4591	-0.0140	0.0444	-0.0024	0.1600	0.0634
1092	767	2.71375LL+1.3CF	18.8264	0.0443	-0.0182	-0.0006	-0.0893	-0.1769
1093	890	T3E2Rd: s45.X3.825; s46.A-E.168	-6.7629	0.0150	-0.0780	0.0017	0.3604	0.0874
1093	890	2.71375LL+1.3CF	27.1786	-0.0581	-0.4251	0.0117	2.0373	-0.1669
1093	768	2.71375LL+1.3CF	-27.1786	0.0581	0.4251	-0.0117	1.7133	-0.3461
1093	768	T3E2Rd: s45.X3.825; s46.A-E.168	6.7629	-0.0150	0.0780	-0.0017	0.3077	0.0549
1094	889	2.71375LL+1.3CF	-7.5476	-0.1531	0.0000	0.0000	0.0000	-0.5543
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1094	768	2.71375LL+1.3CF	7.5476	0.1531	0.0000	0.0000	0.0000	-0.2745
1095	890	T3E2Rd: s43.X1.882; s21.A-E.168	-19.9970	0.1080	0.0000	0.0000	0.0000	0.1316
1095	890	2.71375LL+1.3CF	65.6724	0.1363	0.0000	0.0000	0.0000	0.6935
1095	767	2.71375LL+1.3CF	-65.6724	-0.1363	0.0000	0.0000	0.0000	0.0554
1095	767	T3E2Rd: s43.X1.882; s21.A-E.168	19.9970	-0.1080	0.0000	0.0000	0.0000	0.4583
1108	901	2.71375LL+1.3CF	-0.4845	-0.0020	-0.0076	0.0002	0.0736	-0.0043
1108	901	2.71375LL+1.3CF	15.5862	-0.0451	-0.0400	0.0036	0.8867	-0.1642
1108	779	2.71375LL+1.3CF	-15.5862	0.0451	0.0400	-0.0036	-0.5328	-0.2347
1108	779	2.71375LL+1.3CF	0.4845	0.0020	0.0076	-0.0002	-0.0065	-0.0137
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1109	902	2.71375LL+1.3CF	21.5279	0.0842	-0.4013	-0.0049	1.8042	0.3414
1109	778	2.71375LL+1.3CF	-21.5279	-0.0842	0.4013	0.0049	1.8068	0.4017
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1110	901	2.71375LL+1.3CF	-12.8597	-0.1823	0.0000	0.0000	0.0000	-0.5413
1110	901	T3E2Rd: s45.X-0.561; s17.X-E.168	0.9701	0.0458	0.0000	0.0000	0.0000	0.1152
1110	778	T3E2Rd: s45.X-0.561; s17.X-E.168	-0.9701	-0.0458	0.0000	0.0000	0.0000	0.1324
1110	778	2.71375LL+1.3CF	12.8597	0.1823	0.0000	0.0000	0.0000	-0.4458
1111	902	2.71375LL+1.3CF	-6.0827	0.0819	0.0000	0.0000	0.0000	0.2548
1111	902	2.71375LL+1.3CF	1.2117	0.0076	0.0000	0.0000	0.0000	0.0226
1111	779	2.71375LL+1.3CF	-1.2117	-0.0076	0.0000	0.0000	0.0000	0.0184
1111	779	2.71375LL+1.3CF	6.0827	-0.0819	0.0000	0.0000	0.0000	0.1885
1113	904	CF: s4.X0.561	-0.0847	0.0005	-0.0008	0.0000	-0.0012	0.0039
1113	904	2.71375LL+1.3CF	22.2694	-0.0421	0.0999	-0.0007	-0.7912	-0.1646
1113	782	2.71375LL+1.3CF	-22.2694	0.0421	-0.0998	0.0007	-0.0890	-0.2086
1113	782	CF: s4.X0.561	0.0847	-0.0005	0.0008	0.0000	0.0091	0.0007
1114	905	T3E2Rd: s4.X-0.561; s4.X-E.168	-0.0768	-0.0027	0.0064	0.0002	-0.0445	-0.0018
1114	905	2.71375LL+1.3CF	33.4282	0.0954	0.3364	0.0012	-1.0069	0.3625
1114	781	2.71375LL+1.3CF	-33.4282	-0.0954	-0.3364	-0.0012	-1.8059	0.4577
1114	781	T3E2Rd: s4.X-0.561; s4.X-E.168	0.0768	0.0027	-0.0064	-0.0002	-0.0117	-0.0229
1115	904	2.71375LL+1.3CF	-10.0445	-0.2522	0.0000	0.0000	0.0000	-0.7366
1115	904	2.71375LL+1.3CF	1.4162	-0.0028	0.0000	0.0000	0.0000	-0.0231
1115	781	2.71375LL+1.3CF	-1.4162	0.0028	0.0000	0.0000	0.0000	0.0092
1115	781	2.71375LL+1.3CF	10.0445	0.2522	0.0000	0.0000	0.0000	-0.6299
1116	905	T3E2Rd: s14.X3.925; s23.X-E.168	-7.3035	0.0000	0.0000	0.0000	0.0000	-0.0137

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1116	905	2.71375LL+1.3CF	5.4714	0.0301	0.0000	0.0000	0.0000	0.0925
1116	782	2.71375LL+1.3CF	-5.4714	-0.0301	0.0000	0.0000	0.0000	0.0702
1116	782	T302R4: s14,l3.925; s23,l4.168	7.3035	0.0000	0.0000	0.0000	0.0000	0.0137
1129	916	T302R4: s12,l2.804; s24,l4.682	-13.0591	-0.0233	0.0858	-0.0041	-0.4085	-0.1259
1129	916	2.71375LL+1.3CF	5.8629	0.0112	0.1188	-0.0047	-0.5522	0.0425
1129	784	2.71375LL+1.3CF	-5.8629	-0.0112	-0.1188	0.0047	-0.4945	0.0557
1129	784	T302R4: s12,l2.804; s24,l4.682	13.0591	0.0233	-0.0858	0.0041	-0.3483	-0.0788
1130	917	T302R4: s12,l5.046; s12,l4.168	-4.1623	0.0060	0.0795	-0.0017	-0.3971	0.0325
1130	917	2.71375LL+1.3CF	19.7260	-0.0504	0.4330	-0.0169	-2.9626	-0.1145
1130	785	2.71375LL+1.3CF	-19.7260	0.0504	-0.4330	0.0169	-2.6129	-0.5298
1130	785	T302R4: s12,l5.046; s12,l4.168	4.1623	-0.0060	-0.0795	0.0017	-0.3939	0.0383
1131	918	2.71375LL+1.3CF	-5.2347	-0.1261	0.0000	0.0000	0.0000	-0.3136
1131	918	CF: s4,l62.561	0.0348	-0.0044	0.0000	0.0000	0.0000	-0.0207
1131	785	CF: s4,l62.561	-0.0348	0.0044	0.0000	0.0000	0.0000	-0.0033
1131	785	2.71375LL+1.3CF	5.2247	0.1261	0.0000	0.0000	0.0000	-0.3691
1132	917	T302R4: s10,l2.804; s32,l4.168	-13.4649	0.1290	0.0000	0.0000	0.0000	0.3425
1132	917	2.71375LL+1.3CF	68.8720	0.1110	0.0000	0.0000	0.0000	0.6406
1132	794	2.71375LL+1.3CF	-68.8720	-0.1110	0.0000	0.0000	0.0000	-0.0399
1132	794	T302R4: s10,l2.804; s32,l4.168	13.4649	-0.1290	0.0000	0.0000	0.0000	0.4058
1145	928	T302R4: s20,l2.804; s24,l4.682	-22.6315	-0.0419	0.1313	-0.0047	-0.5879	-0.2079
1145	928	2.71375LL+1.3CF	6.6857	0.0199	0.1265	-0.0048	-0.5787	0.0871
1145	806	2.71375LL+1.3CF	-6.6857	-0.0199	-0.1265	0.0048	-0.5350	0.0880
1145	806	T302R4: s20,l2.804; s24,l4.682	22.6315	0.0419	-0.1313	0.0047	-0.5687	-0.1613
1146	929	T302R4: s16,l5.046; s14,l4.168	-2.4774	0.0017	0.1163	-0.0030	-0.5516	0.0242
1146	929	2.71375LL+1.3CF	31.2139	-0.0788	0.5056	-0.0153	-2.5609	-0.1767
1146	805	2.71375LL+1.3CF	-31.2139	0.0788	-0.5056	0.0153	-2.3273	-0.5180
1146	805	T302R4: s16,l5.046; s14,l4.168	2.4774	-0.0017	-0.1163	0.0030	-0.4724	-0.0089
1147	926	2.71375LL+1.3CF	-6.4552	-0.1661	0.0000	0.0000	0.0000	-0.0348
1147	926	T302R4: s11,l4.168; s0,l2.804	0.2250	0.0118	0.0000	0.0000	0.0000	0.0305
1147	805	T302R4: s11,l4.168; s0,l2.804	-0.2250	-0.0118	0.0000	0.0000	0.0000	0.0334
1147	805	2.71375LL+1.3CF	6.4552	0.1661	0.0000	0.0000	0.0000	-0.4857
1148	929	T302R4: s12,l2.804; s34,l4.168	-13.4766	0.1718	0.0000	0.0000	0.0000	0.3511
1148	929	2.71375LL+1.3CF	110.3121	0.1883	0.0000	0.0000	0.0000	0.9810
1148	806	2.71375LL+1.3CF	-110.3121	-0.1883	0.0000	0.0000	0.0000	-0.0697

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1148	806	T302R4: s12,l2.804; s34,l4.168	13.4766	-0.1718	0.0000	0.0000	0.0000	0.5777
1161	940	T302R4: s24,l2.804; s25,l4.682	-26.8798	-0.0510	0.1209	-0.0042	-0.5367	-0.2429
1161	940	2.71375LL+1.3CF	6.0702	0.0318	0.1468	-0.0052	-0.6566	0.1694
1161	818	2.71375LL+1.3CF	-6.0702	-0.0318	-0.1468	0.0052	-0.6952	0.1109
1161	818	T302R4: s24,l2.804; s25,l4.682	26.8798	0.0510	-0.1209	0.0042	-0.5285	-0.2071
1162	941	T302R4: s13,l5.046; s17,l4.168	-0.2574	0.0040	0.0278	-0.0004	-0.1454	0.0342
1162	941	2.71375LL+1.3CF	41.3778	-0.1081	-0.4072	0.0114	-1.8664	-0.2337
1162	817	2.71375LL+1.3CF	-41.3778	0.1081	0.4072	-0.0114	-1.7198	-0.7183
1162	817	T302R4: s13,l5.046; s17,l4.168	0.2574	-0.0040	-0.0278	0.0004	-0.0991	0.0010
1163	940	2.71375LL+1.3CF	-11.3186	-0.2564	0.0000	0.0000	0.0000	-0.7935
1163	940	T302R4: s15,l4.168; s0,l2.804	0.1177	0.0086	0.0000	0.0000	0.0000	0.0167
1163	817	T302R4: s15,l4.168; s0,l2.804	-0.1177	-0.0086	0.0000	0.0000	0.0000	0.0287
1163	817	2.71375LL+1.3CF	11.3186	0.2564	0.0000	0.0000	0.0000	-0.8577
1164	941	T302R4: s16,l2.804; s36,l4.168	-7.4736	0.2389	0.0000	0.0000	0.0000	0.5210
1164	941	2.71375LL+1.3CF	139.0823	0.2523	0.0000	0.0000	0.0000	1.3205
1164	818	2.71375LL+1.3CF	-139.0823	-0.2523	0.0000	0.0000	0.0000	0.0453
1164	818	T302R4: s16,l2.804; s36,l4.168	7.4736	-0.2389	0.0000	0.0000	0.0000	0.7166
1177	952	T302R4: s28,l2.804; s26,l4.682	-32.2586	-0.0540	0.0741	-0.0024	-0.3237	-0.2494
1177	952	2.71375LL+1.3CF	4.7311	0.0339	0.0869	-0.0031	-0.3946	0.1905
1177	830	2.71375LL+1.3CF	-4.7311	-0.0339	-0.0869	0.0031	-0.4056	0.1078
1177	830	T302R4: s28,l2.804; s26,l4.682	32.2586	0.0540	-0.0741	0.0024	-0.3289	-0.2268
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1178	953	2.71375LL+1.3CF	47.7171	-0.1371	0.2273	-0.0065	-1.0354	-0.2771
1178	829	2.71375LL+1.3CF	-47.7171	0.1371	-0.2273	0.0065	-0.9666	-0.8420
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1178	952	2.71375LL+1.3CF	-20.2885	-0.3527	0.0000	0.0000	0.0000	-1.8221
1178	952	T302R4: s0,l2.804; s0,l-1.682	0.0145	0.0001	0.0000	0.0000	0.0000	0.0001
1178	829	T302R4: s0,l2.804; s0,l-1.682	-0.0145	-0.0001	0.0000	0.0000	0.0000	0.0003
1178	829	2.71375LL+1.3CF	20.2885	0.3527	0.0000	0.0000	0.0000	-0.2869
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1180	953	2.71375LL+1.3CF	148.5337	0.2845	0.0000	0.0000	0.0000	1.4359
1180	830	2.71375LL+1.3CF	-148.5337	-0.2845	0.0000	0.0000	0.0000	0.1041
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1193	964	T302R4: s32,l2.804; s31,l4.682	-34.0927	-0.0580	0.0025	-0.0001	-0.0061	-0.2968

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1193	964	2.7(1STLL+1.3CF	16.4217	0.0600	0.0020	0.0000	-0.0728	0.3824
1193	842	2.7(1STLL+1.3CF	-16.4217	-0.0600	-0.0020	0.0000	-0.0049	0.1458
1193	842	T3623Rd: s52,52,804; s31,A-1.682	54.0927	0.0580	-0.0025	-0.0001	-0.0155	-0.2444
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1194	965	2.7(1STLL+1.3CF	50.6129	-0.1314	-0.0025	0.0002	0.0068	-0.2840
1194	841	2.7(1STLL+1.3CF	-50.6129	0.1314	0.0025	-0.0002	0.0150	-0.6730
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1195	964	2.7(1STLL+1.3CF	-20.9853	-0.3828	0.0000	0.0000	0.0000	-1.7616
1195	964	T3623Rd: s0,A-0.561	0.0052	0.0000	0.0000	0.0000	0.0000	0.0003
1195	841	T3623Rd: s0,A-0.561	-0.0052	0.0000	0.0000	0.0000	0.0000	-0.0001
1195	841	2.7(1STLL+1.3CF	20.9853	0.3828	0.0000	0.0000	0.0000	-0.3097
1196	965	T3623Rd: s15,A-6.188; s0,47.289	-1.8225	0.0243	0.0000	0.0000	0.0000	0.0915
1196	965	2.7(1STLL+1.3CF	147.3149	0.2523	0.0000	0.0000	0.0000	1.3580
1196	842	2.7(1STLL+1.3CF	-147.3149	-0.2523	0.0000	0.0000	0.0000	0.0080
1196	842	T3623Rd: s15,A-6.188; s0,47.289	1.8225	-0.0243	0.0000	0.0000	0.0000	0.0700
1209	976	T3623Rd: s36,42,804; s33,A-1.682	-33.6679	-0.0606	-0.0675	0.0025	0.3032	-0.2856
1209	976	2.7(1STLL+1.3CF	10.8313	0.0605	-0.0679	0.0029	0.3827	-0.3749
1209	854	2.7(1STLL+1.3CF	-10.8313	-0.0605	0.0679	-0.0029	0.3814	0.1576
1209	854	T3623Rd: s36,42,804; s33,A-1.682	33.6679	0.0606	0.0675	-0.0025	0.2910	-0.2478
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1210	977	2.7(1STLL+1.3CF	48.0769	-0.1272	-0.2424	0.0071	1.1117	-0.2935
1210	853	2.7(1STLL+1.3CF	-48.0769	0.1272	0.2424	-0.0071	1.0228	-0.8268
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1211	978	2.7(1STLL+1.3CF	-20.1814	-0.3703	0.0000	0.0000	0.0000	-1.6507
1211	978	T3623Rd: s0,A-1.682	0.0025	0.0000	0.0000	0.0000	0.0000	0.0002
1211	853	T3623Rd: s0,A-1.682	-0.0025	0.0000	0.0000	0.0000	0.0000	-0.0001
1211	853	2.7(1STLL+1.3CF	20.1814	0.3703	0.0000	0.0000	0.0000	-0.3540
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1212	977	2.7(1STLL+1.3CF	147.7982	0.2623	0.0000	0.0000	0.0000	1.3833
1212	854	2.7(1STLL+1.3CF	-147.7982	-0.2623	0.0000	0.0000	0.0000	0.0366
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1225	969	T3623Rd: s37,52,804; s35,A-1.682	-31.4969	-0.0614	-0.1092	0.0043	0.4873	-0.3011
1225	966	2.7(1STLL+1.3CF	6.5056	0.0282	-0.0944	0.0034	0.4259	0.1401
1225	966	2.7(1STLL+1.3CF	-6.5056	-0.0282	0.0944	-0.0034	0.4054	0.1061

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1225	966	T3623Rd: s37,52,804; s35,A-1.682	31.4969	0.0614	0.1092	-0.0043	0.4648	-0.2395
1226	969	T3623Rd: s46,55,046; s42,A-6.188	-1.4158	0.0018	-0.0035	0.0004	0.0126	0.0282
1226	966	2.7(1STLL+1.3CF	44.1523	0.1115	-0.4209	-0.0120	1.7897	-0.2618
1226	865	2.7(1STLL+1.3CF	-44.1523	0.1115	0.4209	-0.0120	1.7899	-0.7204
1226	865	T3623Rd: s46,55,046; s42,A-6.188	1.4158	-0.0018	0.0035	-0.0004	0.0185	-0.0129
1227	968	2.7(1STLL+1.3CF	-17.2198	-0.3479	0.0000	0.0000	0.0000	-1.4904
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1227	965	2.7(1STLL+1.3CF	17.2198	0.3479	0.0000	0.0000	0.0000	-0.3927
1228	969	T3623Rd: s45,52,804; s19,A-6.188	-8.2603	0.2224	0.0000	0.0000	0.0000	0.4975
1228	969	2.7(1STLL+1.3CF	135.2483	0.2403	0.0000	0.0000	0.0000	1.2777
1228	869	2.7(1STLL+1.3CF	-135.2483	-0.2403	0.0000	0.0000	0.0000	0.0231
1228	869	T3623Rd: s45,52,804; s19,A-6.188	9.2603	-0.2239	0.0000	0.0000	0.0000	0.7076
1241	1000	T3623Rd: s41,52,804; s36,A-1.682	-25.8191	-0.0537	-0.1130	0.0047	0.5186	-0.2729
1241	1000	2.7(1STLL+1.3CF	7.6324	0.0257	-0.1043	0.0039	0.4758	0.0859
1241	876	2.7(1STLL+1.3CF	-7.6324	-0.0257	0.1043	-0.0039	0.4451	0.0968
1241	876	T3623Rd: s41,52,804; s36,A-1.682	25.8191	0.0537	0.1130	-0.0047	0.4789	-0.2003
1242	1001	T3623Rd: s47,55,046; s46,A-6.188	-3.1845	0.0087	-0.0578	0.0018	0.2658	0.0470
1242	1001	2.7(1STLL+1.3CF	34.5100	-0.0814	-0.5545	0.0157	2.5636	-0.2029
1242	877	2.7(1STLL+1.3CF	-34.5100	0.0814	0.5545	-0.0157	2.3200	-0.8142
1242	877	T3623Rd: s47,55,046; s46,A-6.188	3.1845	-0.0087	0.0578	-0.0018	0.2412	0.0399
1243	1000	2.7(1STLL+1.3CF	-8.4944	-0.2310	0.0000	0.0000	0.0000	-0.5991
1243	1000	T3623Rd: s49,A-6.188	0.1833	0.0203	0.0000	0.0000	0.0000	0.0423
1243	877	T3623Rd: s49,A-6.188	-0.1833	-0.0203	0.0000	0.0000	0.0000	0.0676
1243	877	2.7(1STLL+1.3CF	8.4944	0.2310	0.0000	0.0000	0.0000	-0.6512
1244	1001	T3623Rd: s46,52,804; s21,A-6.188	-15.3546	0.2290	0.0000	0.0000	0.0000	0.4768
1244	1001	2.7(1STLL+1.3CF	105.4571	0.1780	0.0000	0.0000	0.0000	0.9812
1244	876	2.7(1STLL+1.3CF	-105.4571	-0.1780	0.0000	0.0000	0.0000	-0.0177
1244	876	T3623Rd: s46,52,804; s21,A-6.188	15.3546	-0.2290	0.0000	0.0000	0.0000	0.7830
1257	1012	T3623Rd: s44,52,804; s37,A-1.682	-16.8290	-0.0372	-0.0999	0.0042	0.4525	-0.1989
1257	1012	2.7(1STLL+1.3CF	6.3448	0.0131	-0.1453	0.0056	0.8653	0.0465
1257	890	2.7(1STLL+1.3CF	-6.3448	-0.0131	0.1453	-0.0056	0.8147	0.0668
1257	890	T3623Rd: s44,52,804; s37,A-1.682	16.8290	0.0372	0.0999	-0.0042	0.4293	-0.1290
1258	1013	T3623Rd: s45,55,046; s46,A-6.188	-4.2111	0.0087	-0.0664	0.0019	0.4203	0.0372

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1258	1013	2.7137SLL+1.3CF	21.1819	-0.0481	-0.5649	0.0155	2.8330	-0.1173
1258	889	2.7137SLL+1.3CF	-21.1818	0.0481	0.5649	-0.0155	2.3422	-0.2867
1258	889	T352Rx: s46,n5,946; s46,h4,168	4.2111	-0.0057	0.0864	-0.0018	0.3409	0.0392
1258	1012	2.7137SLL+1.3CF	-5.2021	-0.1385	0.0000	0.0000	0.0000	-0.3096
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1259	889	2.7137SLL+1.3CF	5.2021	0.1385	0.0000	0.0000	0.0000	-0.4404
1260	1013	T352Rx: s47,f2,804; s21,h4,168	-13.6469	0.1638	0.0000	0.0000	0.0000	0.3233
1260	1013	2.7137SLL+1.3CF	62.8184	0.1099	0.0000	0.0000	0.0000	0.5907
1260	880	2.7137SLL+1.3CF	-62.8184	-0.1099	0.0000	0.0000	0.0000	-0.0443
1260	880	T352Rx: s47,f2,804; s21,h4,168	13.6469	-0.1638	0.0000	0.0000	0.0000	0.5632
1273	1024	CF: s58,h0,561	-0.0341	0.0003	-0.0002	0.0000	0.0018	0.0024
1273	1024	2.7137SLL+1.3CF	17.3393	-0.0398	0.1299	0.0060	0.0153	-0.1427
1273	902	2.7137SLL+1.3CF	-17.3393	0.0398	-0.1299	-0.0060	-1.1509	-0.1998
1273	902	CF: s58,h0,561	0.0341	-0.0003	0.0002	0.0000	0.0000	0.0005
1274	1025	T352Rx: s59,h4,561; s55,h4,168	-0.0357	-0.0008	0.0017	0.0000	0.0038	0.0057
1274	1025	2.7137SLL+1.3CF	29.1900	0.0832	-0.4650	-0.0046	1.8765	0.3231
1274	901	2.7137SLL+1.3CF	-29.1900	-0.0832	0.4650	0.0046	2.2181	0.4108
1274	901	T352Rx: s59,h4,561; s55,h4,168	0.0357	0.0008	-0.0017	0.0000	-0.0184	-0.0076
1275	1024	2.7137SLL+1.3CF	-10.2222	-0.3607	0.0000	0.0000	0.0000	-1.0998
1275	1024	T352Rx: s49,h1,682; s19,h4,168	0.5769	0.0079	0.0000	0.0000	0.0000	0.0247
1275	901	T352Rx: s49,h1,682; s19,h4,168	-0.5769	-0.0079	0.0000	0.0000	0.0000	0.0179
1276	901	2.7137SLL+1.3CF	10.2222	0.3607	0.0000	0.0000	0.0000	-0.8658
1276	1025	2.7137SLL+1.3CF	-5.8339	0.0859	0.0000	0.0000	0.0000	0.2328
1276	1025	2.7137SLL+1.3CF	1.5756	0.0144	0.0000	0.0000	0.0000	0.0408
1276	902	2.7137SLL+1.3CF	-1.5756	-0.0144	0.0000	0.0000	0.0000	0.0372
1276	902	2.7137SLL+1.3CF	5.8339	-0.0859	0.0000	0.0000	0.0000	0.2623
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1278	1027	2.7137SLL+1.3CF	26.7396	-0.0589	0.0354	-0.0020	-0.6471	-0.1924
1278	905	2.7137SLL+1.3CF	-26.7396	0.0589	-0.0354	0.0020	0.3366	-0.3242
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1279	1028	T352Rx: s2,n0,561; s17,h4,168	-0.4280	-0.0016	-0.1655	-0.0028	0.6981	-0.0107
1279	1028	2.7137SLL+1.3CF	27.1718	0.1329	1.0355	0.0203	-5.4229	0.5757
1279	904	2.7137SLL+1.3CF	-27.1718	-0.1329	-1.0335	-0.0203	-3.6133	0.5858

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1278	904	T352Rx: s2,n0,561; s17,h4,168	0.4280	0.0016	0.1655	0.0028	0.6388	-0.0037
1280	1027	2.7137SLL+1.3CF	-8.3970	-0.2186	0.0000	0.0000	0.0000	-0.5118
1280	1027	T352Rx: s14,f2,804; s0,h-1,882	0.5986	0.0010	0.0000	0.0000	0.0000	-0.0442
1280	904	T352Rx: s14,f2,804; s0,h-1,882	-0.5986	-0.0010	0.0000	0.0000	0.0000	0.0496
1280	904	2.7137SLL+1.3CF	8.3970	0.2186	0.0000	0.0000	0.0000	-0.6788
1281	1028	T352Rx: s14,h6,168; s23,h4,168	-7.4981	0.0478	0.0000	0.0000	0.0000	0.1594
1281	1028	2.7137SLL+1.3CF	4.5126	0.0785	0.0000	0.0000	0.0000	0.2609
1281	905	2.7137SLL+1.3CF	-4.5126	-0.0785	0.0000	0.0000	0.0000	0.1640
1281	905	T352Rx: s14,h6,168; s23,h4,168	7.4981	-0.0478	0.0000	0.0000	0.0000	0.0993
1294	1039	T352Rx: s12,h5,825; s23,h0,561	-13.2700	-0.0214	0.1950	-0.0057	-0.6180	-0.0836
1294	1039	2.7137SLL+1.3CF	4.8148	0.0087	0.2858	-0.0107	-1.2829	0.0378
1294	917	2.7137SLL+1.3CF	-4.8148	-0.0087	-0.2858	0.0107	-1.2250	0.0362
1294	917	T352Rx: s12,h5,825; s23,h0,561	13.2700	0.0214	-0.1250	0.0057	-0.5854	-0.1038
1295	1040	T352Rx: s12,h6,168; s12,h4,168	-0.8974	0.0079	0.0862	-0.0029	-0.4111	0.0361
1295	1040	T352Rx: s17,h3,925; s23,h0,561	15.9023	-0.0089	0.1823	-0.0057	-0.8402	0.0070
1295	916	T352Rx: s17,h3,925; s23,h0,561	-15.9023	0.0089	-0.1823	0.0057	-0.7537	-0.0846
1295	916	T352Rx: s12,h6,168; s12,h4,168	0.8974	-0.0079	-0.0862	0.0029	-0.3422	0.0328
1296	1039	2.7137SLL+1.3CF	-6.9068	-0.0364	0.0000	0.0000	0.0000	-0.2357
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1296	916	2.7137SLL+1.3CF	6.9068	0.0364	0.0000	0.0000	0.0000	0.0368
1297	1040	T352Rx: s8,n5,946; s30,h4,168	-8.6726	0.0689	0.0000	0.0000	0.0000	0.1171
1297	1040	2.7137SLL+1.3CF	58.1305	0.1382	0.0000	0.0000	0.0000	0.6704
1297	917	2.7137SLL+1.3CF	-58.1305	-0.1282	0.0000	0.0000	0.0000	0.0239
1297	917	T352Rx: s8,n5,946; s30,h4,168	8.6726	-0.0689	0.0000	0.0000	0.0000	0.2561
1310	1051	T352Rx: s20,n5,925; s23,h0,561	-23.0859	-0.0323	0.1956	-0.0067	-0.8214	-0.1182
1310	1051	2.7137SLL+1.3CF	12.1682	0.0229	0.2467	-0.0098	-1.0878	0.1335
1310	929	2.7137SLL+1.3CF	-12.1682	-0.0229	-0.2467	0.0098	-1.0772	0.0988
1310	929	T352Rx: s20,n5,925; s23,h0,561	22.0959	0.0323	-0.1956	0.0067	-0.8068	-0.1675
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1311	1052	2.7137SLL+1.3CF	26.5416	-0.0179	0.2249	-0.0071	-1.0270	0.0152
1311	928	2.7137SLL+1.3CF	-26.5416	0.0179	-0.2249	0.0071	-0.9381	-0.1721
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1312	1051	2.7137SLL+1.3CF	-12.8715	-0.1493	0.0000	0.0000	0.0000	-0.6779

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1312	928	2.7137%LL+1.3CF	12.6715	0.1483	0.0000	0.0000	0.0000	-0.1304
1313	1052	T3t2R4: s32,h4.168; s10,t3.825	-5.3516	0.2305	0.0000	0.0000	0.0000	0.8354
1313	1052	2.7137%LL+1.3CF	92.6307	0.3412	0.0000	0.0000	0.0000	1.4679
1313	929	2.7137%LL+1.3CF	-80.8307	-0.3412	0.0000	0.0000	0.0000	0.3793
1313	929	T3t2R4: s32,h4.168; s10,t3.825	5.3516	-0.2305	0.0000	0.0000	0.0000	0.8128
1328	1063	T3t2R4: s24,t3.825; s25,h4.581	-27.7302	-0.0373	0.1642	-0.3057	-0.7213	-0.1182
1328	1063	2.7137%LL+1.3CF	14.0341	0.0379	0.1975	-0.0070	-0.8846	0.3259
1328	941	2.7137%LL+1.3CF	-14.0341	-0.0379	-0.1975	0.0070	-0.8880	0.1068
1328	941	T3t2R4: s24,t3.825; s25,h4.581	27.7302	0.0373	-0.1642	0.0057	-0.7197	-0.2284
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1327	1064	2.7137%LL+1.3CF	34.4004	-0.0248	0.1858	-0.5059	-0.8456	0.0721
1327	940	2.7137%LL+1.3CF	-34.4004	0.0248	-0.1858	0.0059	-0.7782	-0.2468
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1328	1063	2.7137%LL+1.3CF	-17.3475	-0.2092	0.0000	0.0000	0.0000	-0.9173
1328	1063	T3t2R4: s18,h4.168; s0,t1.662	0.2367	0.0089	0.0000	0.0000	0.0000	0.0296
1328	940	T3t2R4: s18,h4.168; s0,t1.662	-0.2367	-0.0089	0.0000	0.0000	0.0000	0.0186
1328	940	2.7137%LL+1.3CF	17.3475	0.2092	0.0000	0.0000	0.0000	-0.2151
1328	1064	T3t2R4: s38,h4.168	-3.1488	0.0257	0.0000	0.0000	0.0000	0.0965
1329	1064	2.7137%LL+1.3CF	115.6394	0.4412	0.0000	0.0000	0.0000	1.8363
1329	941	2.7137%LL+1.3CF	-115.6394	-0.4412	0.0000	0.0000	0.0000	0.8521
1329	941	T3t2R4: s38,h4.168	3.1488	-0.0257	0.0000	0.0000	0.0000	0.0741
1342	1075	T3t2R4: s28,t3.825; s29,h4.581	-30.5126	-0.0385	0.0974	-0.0032	-0.4238	-0.1092
1342	1075	2.7137%LL+1.3CF	14.0132	0.0432	0.1162	-0.0042	-0.5179	0.2640
1342	953	2.7137%LL+1.3CF	-14.0132	-0.0432	-0.1162	0.0042	-0.5277	0.1147
1342	953	T3t2R4: s28,t3.825; s29,h4.581	30.5126	0.0385	-0.0974	0.0032	-0.4309	-0.2288
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1343	1076	2.7137%LL+1.3CF	38.8146	-0.0280	0.0941	-0.0029	-0.4376	0.0415
1343	952	2.7137%LL+1.3CF	-38.8146	0.0280	-0.0941	0.0029	-0.3852	-0.2960
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1344	1075	2.7137%LL+1.3CF	-20.1432	-0.2727	0.0000	0.0000	0.0000	-1.1742
1344	1075	T3t2R4: s20,h4.168	0.1034	0.0018	0.0000	0.0000	0.0000	0.0072
1344	952	T3t2R4: s20,h4.168	-0.1034	-0.0018	0.0000	0.0000	0.0000	0.0026

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1344	952	2.7137%LL+1.3CF	20.1432	0.2727	0.0000	0.0000	0.0000	-0.3022
1345	1076	T3t2R4: s38,h4.168	-2.0696	0.0248	0.0000	0.0000	0.0000	0.0763
1345	1076	2.7137%LL+1.3CF	127.0406	0.6851	0.0000	0.0000	0.0000	2.6656
1345	953	2.7137%LL+1.3CF	-127.0406	-0.6851	0.0000	0.0000	0.0000	1.0439
1345	953	T3t2R4: s38,h4.168	2.0696	-0.0248	0.0000	0.0000	0.0000	0.0579
1358	1087	T3t2R4: s32,t3.825; s31,h4.581	-32.1286	-0.0399	-0.0002	0.0001	0.0043	-0.1599
1358	1087	2.7137%LL+1.3CF	13.8422	0.0442	-0.0166	0.0007	0.0701	0.2728
1358	965	2.7137%LL+1.3CF	-13.8422	-0.0442	0.0166	-0.0007	0.0703	0.1153
1358	965	T3t2R4: s32,t3.825; s31,h4.581	32.1286	0.0399	0.0002	-0.0001	-0.0024	-0.2399
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1359	1088	2.7137%LL+1.3CF	40.7962	-0.0323	0.0067	-0.0003	-0.0316	0.0400
1359	964	2.7137%LL+1.3CF	-40.7962	0.0323	-0.0067	0.0003	-0.0447	-0.3222
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1360	1087	2.7137%LL+1.3CF	-20.5894	-0.2741	0.0000	0.0000	0.0000	-1.2134
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1360	964	2.7137%LL+1.3CF	20.5894	0.2741	0.0000	0.0000	0.0000	-0.2707
1361	1088	T3t2R4: s17,h4.168	-1.5628	0.0158	0.0000	0.0000	0.0000	0.0462
1361	1088	2.7137%LL+1.3CF	131.1706	0.7390	0.0000	0.0000	0.0000	2.8418
1361	965	2.7137%LL+1.3CF	-131.1706	-0.7390	0.0000	0.0000	0.0000	1.1594
1361	965	T3t2R4: s17,h4.168	1.5628	-0.0158	0.0000	0.0000	0.0000	0.0572
1374	1089	T3t2R4: s36,t3.825; s32,h4.581	-32.0577	-0.0433	-0.0869	0.0032	0.3836	-0.1321
1374	1089	2.7137%LL+1.3CF	14.7849	0.0454	-0.1119	0.0040	0.4858	0.2746
1374	977	2.7137%LL+1.3CF	-14.7849	-0.0454	0.1119	-0.0040	0.4883	0.1237
1374	977	T3t2R4: s36,t3.825; s32,h4.581	32.0577	0.0433	0.0869	-0.0032	0.3791	-0.2478
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1375	1100	2.7137%LL+1.3CF	46.3081	-0.0309	-0.1066	0.0036	0.4879	0.0386
1375	976	2.7137%LL+1.3CF	-46.3081	0.0309	0.1066	-0.0036	0.4443	-0.3084
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1376	1099	2.7137%LL+1.3CF	-20.1220	-0.2796	0.0000	0.0000	0.0000	-1.1830
1376	1099	T3t2R4: s40,h4.168	0.0542	0.0108	0.0000	0.0000	0.0000	0.0275
1376	976	T3t2R4: s40,h4.168	-0.0542	-0.0108	0.0000	0.0000	0.0000	0.0369
1376	976	2.7137%LL+1.3CF	20.1220	0.2796	0.0000	0.0000	0.0000	-0.3305
1377	1100	T3t2R4: s19,h4.168	-1.8933	0.0242	0.0000	0.0000	0.0000	0.0752

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1377	1100	2.71375LL+1.3CF	127.0493	0.6563	0.0000	0.0000	0.0000	2.5767
1377	977	2.71375LL+1.3CF	-127.0493	-0.6563	0.0000	0.0000	0.0000	0.6766
1377	977	T302R4: s18,fr6.188	1.8833	-0.0242	0.0000	0.0000	0.0000	0.0160
1390	1111	T302R4: s37,fr3.925; s35,fr0.561	-30.5729	-0.0450	-0.1481	0.0058	0.6571	-0.1550
1390	1111	2.71375LL+1.3CF	15.3696	0.0414	-0.1864	0.0067	0.8203	0.2433
1390	989	2.71375LL+1.3CF	-15.3696	-0.0414	0.1864	-0.0067	0.8155	0.1202
1390	989	T302R4: s37,fr3.925; s35,fr0.561	30.5729	0.0450	0.1481	-0.0058	0.6425	-0.2401
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1391	1112	2.71375LL+1.3CF	36.8061	-0.0281	-0.1808	0.0060	0.8320	0.2161
1391	988	2.71375LL+1.3CF	-36.8061	0.0281	0.1808	-0.0060	0.7466	-0.2621
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1392	1111	2.71375LL+1.3CF	-17.1350	-0.0467	0.0000	0.0000	0.0000	-1.0471
1392	1111	T302R4: s42,fr6.188	0.1875	0.0240	0.0000	0.0000	0.0000	0.0647
1392	988	T302R4: s42,fr6.188	-0.1875	-0.0240	0.0000	0.0000	0.0000	0.0653
1392	988	2.71375LL+1.3CF	17.1350	0.0467	0.0000	0.0000	0.0000	-0.3885
1393	1112	T302R4: s21,fr6.188	-1.8532	0.0257	0.0000	0.0000	0.0000	0.0801
1393	1112	2.71375LL+1.3CF	112.7095	0.4232	0.0000	0.0000	0.0000	1.7779
1393	989	2.71375LL+1.3CF	-112.7095	-0.4232	0.0000	0.0000	0.0000	0.5133
1393	989	T302R4: s21,fr6.188	1.8532	-0.0257	0.0000	0.0000	0.0000	0.0588
1408	1123	T302R4: s41,fr3.925; s37,fr0.561	-25.6142	-0.0418	-0.1556	0.0063	0.8892	-0.1818
1408	1123	2.71375LL+1.3CF	13.3826	0.0279	-0.2252	0.0083	0.9857	0.1597
1408	1091	2.71375LL+1.3CF	-13.3826	-0.0279	0.2252	-0.0083	0.9801	0.0895
1408	1091	T302R4: s41,fr3.925; s37,fr0.561	25.6142	0.0418	0.1556	-0.0063	0.8782	-0.2054
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1407	1124	2.71375LL+1.3CF	30.0356	-0.0221	-0.2123	0.0071	0.9858	-0.0058
1407	1090	2.71375LL+1.3CF	-30.0356	0.0221	0.2123	-0.0071	0.8708	-0.1878
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1408	1123	2.71375LL+1.3CF	-12.9663	-0.1810	0.0000	0.0000	0.0000	-0.7436
1408	1123	T302R4: s46,fr6.188	0.2603	0.0295	0.0000	0.0000	0.0000	0.0782
1408	1090	T302R4: s46,fr6.188	-0.2603	-0.0295	0.0000	0.0000	0.0000	0.0759
1408	1090	2.71375LL+1.3CF	12.9663	0.1810	0.0000	0.0000	0.0000	-0.2765
1409	1124	T302R4: s46,fr3.925; s23,fr6.188	-6.3181	0.2168	0.0000	0.0000	0.0000	0.5955
1409	1124	2.71375LL+1.3CF	88.3354	0.3351	0.0000	0.0000	0.0000	1.4017
1409	1091	2.71375LL+1.3CF	-88.3354	-0.3351	0.0000	0.0000	0.0000	0.4127

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1409	1091	T302R4: s46,fr3.925; s23,fr6.188	5.3181	-0.2168	0.0000	0.0000	0.0000	0.5771
1422	1135	T302R4: s44,fr3.925; s37,fr0.561	-17.2891	-0.0298	-0.1491	0.0060	0.8517	-0.1238
1422	1135	2.71375LL+1.3CF	3.5414	0.0077	-0.1504	0.0060	0.8679	0.0195
1422	1013	2.71375LL+1.3CF	-3.5414	-0.0077	0.1504	-0.0060	0.8518	0.0482
1422	1013	T302R4: s44,fr3.925; s37,fr0.561	17.2891	0.0298	0.1491	-0.0060	0.8588	-0.1357
1423	1136	T302R4: s45,fr6.188; s43,fr6.188	-0.4456	0.0089	-0.0843	0.0030	0.4059	0.0452
1423	1136	2.71375LL+1.3CF	18.8222	-0.0116	-0.2002	0.0067	0.9466	-0.0066
1423	1012	2.71375LL+1.3CF	-18.8222	0.0116	0.2002	-0.0067	0.8037	-0.0847
1423	1012	T302R4: s45,fr6.188; s43,fr6.188	0.4456	-0.0089	0.0843	-0.0030	0.3312	0.0318
1424	1135	2.71375LL+1.3CF	-7.5954	-0.1177	0.0000	0.0000	0.0000	-0.4429
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1424	1012	2.71375LL+1.3CF	7.5954	0.1177	0.0000	0.0000	0.0000	-0.1844
1425	1136	T302R4: s53,fr5.048; s23,fr6.188	-6.3916	0.0706	0.0000	0.0000	0.0000	0.1245
1425	1136	2.71375LL+1.3CF	53.0007	0.1659	0.0000	0.0000	0.0000	0.7563
1425	1013	2.71375LL+1.3CF	-53.0007	-0.1659	0.0000	0.0000	0.0000	0.1419
1425	1013	T302R4: s53,fr5.048; s23,fr6.188	6.3916	-0.0706	0.0000	0.0000	0.0000	0.2589
1438	1147	T302R4: s50,fr6.188	-0.0689	-0.0013	0.0139	0.0000	-0.1010	-0.0077
1438	1147	2.71375LL+1.3CF	27.1065	-0.0078	0.1643	0.0064	-0.0278	-0.1737
1438	1025	2.71375LL+1.3CF	-27.1065	0.0078	-0.1643	-0.0064	-1.4139	-0.3331
1438	1025	T302R4: s50,fr6.188	0.0689	0.0013	-0.0139	0.0000	-0.0209	-0.0030
1439	1148	T302R4: s42,fr6.188; s58,fr0.561	-0.3660	-0.0058	0.0324	-0.0002	-0.0457	-0.0250
1439	1148	2.71375LL+1.3CF	52.8531	0.1641	-0.7552	-0.0125	3.5862	0.7027
1439	1024	2.71375LL+1.3CF	-52.8531	-0.1641	0.7552	0.0125	3.0126	0.7314
1439	1024	T302R4: s42,fr6.188; s58,fr0.561	0.3660	0.0058	-0.0324	0.0002	-0.2388	-0.0231
1440	1147	2.71375LL+1.3CF	-6.8073	-0.2794	0.0000	0.0000	0.0000	-0.7591
1440	1147	T302R4: s52,fr2.804; s16,fr6.188	0.1244	0.0053	0.0000	0.0000	0.0000	0.0120
1440	1024	T302R4: s52,fr2.804; s16,fr6.188	-0.1244	-0.0053	0.0000	0.0000	0.0000	0.1183
1440	1024	2.71375LL+1.3CF	6.8073	0.2794	0.0000	0.0000	0.0000	-0.7533
1441	1148	2.71375LL+1.3CF	-7.2040	0.2362	0.0000	0.0000	0.0000	0.7675
1441	1148	2.71375LL+1.3CF	1.1379	0.0451	0.0000	0.0000	0.0000	0.1477
1441	1025	2.71375LL+1.3CF	-1.1379	-0.0451	0.0000	0.0000	0.0000	0.0967
1441	1025	2.71375LL+1.3CF	7.2040	-0.2362	0.0000	0.0000	0.0000	0.4912
1443	1150	T302R4: s23,fr6.188	-1.4243	-0.0194	0.1605	[illegible]0045	-0.3277	-0.0854

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1443	1150	2.7137SLL+1.3CF	62.1429	0.1066	-1.2147	-0.0309	9.0369	0.8066
1443	1029	2.7137SLL+1.3CF	-62.1429	-0.1066	1.2147	0.0309	7.5478	0.0719
1443	1029	T352R4: s23,44,188	1.4243	0.0184	-0.1603	-0.0046	-1.0686	-0.0647
1444	1151	T352R4: s2,42,804; s20,44,188; s4,4-	-0.7494	-0.0206	-0.1239	-0.0430	0.5964	-0.0979
1444	1151	2.7137SLL+1.3CF	35.3919	0.2122	0.5404	0.1574	-2.2950	0.9343
1444	1027	2.7137SLL+1.3CF	-35.3919	-0.2122	-0.5404	-0.1574	-2.4415	0.9140
1444	1027	T352R4: s2,42,804; s20,44,188; s4,4-	0.7494	0.0206	0.1239	0.0430	0.5896	-0.0818
1445	1150	T352R4: s20,47,289; s29,62,804; s29,4-	-0.5529	-0.5830	0.0000	0.0000	0.0000	-2.4546
1445	1150	T352R4: s4,43,925	0.0639	0.0295	0.0000	0.0000	0.0000	0.0575
1445	1027	T352R4: s4,43,925	-0.0639	-0.0295	0.0000	0.0000	0.0000	0.1024
1445	1027	T352R4: s20,47,289; s29,62,804; s29,4-	0.5529	0.5830	0.0000	0.0000	0.0000	-0.7614
1446	1151	2.7137SLL+1.3CF	-17.6526	0.5101	0.0000	0.0000	0.0000	1.4710
1446	1151	T352R4: s2,42,804; s4,4-1,682	0.2994	0.0047	0.0000	0.0000	0.0000	0.0169
1446	1029	T352R4: s2,42,804; s4,4-1,682	-0.2994	-0.0047	0.0000	0.0000	0.0000	0.0085
1446	1029	2.7137SLL+1.3CF	17.6526	-0.5101	0.0000	0.0000	0.0000	1.2901
1459	1162	T352R4: s12,46,188; s21,51,682	-6.4112	0.0017	0.2790	-0.0068	-1.2019	-0.0064
1459	1162	2.7137SLL+1.3CF	10.7819	0.1327	0.3637	-0.0118	-1.5345	0.7200
1459	1040	2.7137SLL+1.3CF	-10.7819	-0.1327	-0.3637	0.0118	-1.8329	0.4361
1459	1040	T352R4: s12,46,188; s21,51,682	6.4112	-0.0017	-0.2790	0.0068	-1.2282	0.0228
1460	1163	2.7137SLL+1.3CF	-3.5658	-0.0099	0.0910	-0.0039	-0.4071	0.0478
1460	1163	T352R4: s17,46,188; s23,51,682	11.6776	0.0477	0.3101	-0.0108	-1.3924	0.3227
1460	1039	T352R4: s17,46,188; s23,51,682	-11.6776	-0.0477	-0.3101	0.0108	-1.3084	0.0929
1460	1039	2.7137SLL+1.3CF	3.5658	0.0099	-0.0910	0.0039	-0.3855	-0.1343
1461	1162	T352R4: s21,46,188; s27,51,682	-6.3086	-0.0776	0.0000	0.0000	0.0000	-0.2673
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1461	1039	T352R4: s21,46,188; s27,51,682	6.3086	0.0776	0.0000	0.0000	0.0000	-0.1526
1462	1163	T352R4: s6,46,188; s27,44,188	-1.4859	0.0907	0.0000	0.0000	0.0000	0.2313
1462	1163	2.7137SLL+1.3CF	27.8708	0.4581	0.0000	0.0000	0.0000	1.6137
1462	1040	2.7137SLL+1.3CF	-27.8708	-0.4581	0.0000	0.0000	0.0000	0.8462
1462	1040	T352R4: s6,46,188; s27,44,188	1.4859	-0.0907	0.0000	0.0000	0.0000	0.2989
1475	1174	T352R4: s16,46,188; s23,51,682	-12.0168	0.0125	0.3081	-0.0096	-1.3320	0.0524
1475	1174	2.7137SLL+1.3CF	14.1222	0.1506	0.2935	-0.0091	-1.2913	0.7960
1475	1052	2.7137SLL+1.3CF	-14.1222	-0.1506	-0.2935	0.0091	-1.2644	0.5156

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1475	1052	T352R4: s16,46,188; s23,51,682	12.0168	-0.0125	-0.3081	0.0096	-1.3508	0.0564
1476	1175	2.7137SLL+1.3CF	-4.9109	0.0318	0.1303	-0.0050	-0.5630	0.3265
1476	1175	T352R4: s21,46,188; s23,51,682	18.0970	0.0891	0.3145	-0.0109	-1.3862	0.6299
1476	1051	T352R4: s21,46,188; s23,51,682	-18.0970	-0.0891	-0.3145	0.0109	-1.3591	0.1460
1476	1051	2.7137SLL+1.3CF	4.9109	-0.0318	-0.1303	0.0050	-0.5721	-0.0613
1477	1174	T352R4: s25,46,188; s25,51,682	-16.7973	-0.1314	0.0000	0.0000	0.0000	-0.5377
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1477	1051	T352R4: s25,46,188; s25,51,682	16.7973	0.1314	0.0000	0.0000	0.0000	-0.1735
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1478	1175	2.7137SLL+1.3CF	55.0488	1.1099	0.0000	0.0000	0.0000	3.8335
1478	1052	2.7137SLL+1.3CF	-55.0488	-1.1099	0.0000	0.0000	0.0000	2.1747
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1491	1186	T352R4: s20,46,188; s23,51,682	-13.8246	0.0269	0.2547	-0.0079	-1.1052	0.1287
1491	1186	2.7137SLL+1.3CF	15.8367	0.1898	0.2476	-0.0074	-1.1051	0.8854
1491	1064	2.7137SLL+1.3CF	-15.8367	-0.1898	-0.2476	0.0074	-1.0528	0.5837
1491	1064	T352R4: s20,46,188; s23,51,682	13.8246	-0.0269	-0.2547	0.0079	-1.1133	0.1054
1492	1187	2.7137SLL+1.3CF	-4.5729	0.0676	0.1251	-0.0046	-0.5362	0.5674
1492	1187	T352R4: s25,46,188; s26,51,682	22.2907	0.1251	0.2594	-0.0089	-1.1389	0.8981
1492	1063	T352R4: s25,46,188; s26,51,682	-22.2907	-0.1251	-0.2594	0.0089	-1.1394	0.1932
1492	1063	2.7137SLL+1.3CF	4.5729	-0.0676	-0.1251	0.0046	-0.5035	0.0211
1493	1186	T352R4: s26,47,289; s27,62,804; s26,4-	-7.9402	-0.4568	0.0000	0.0000	0.0000	-2.4059
1493	1186	T352R4: s23,44,188	0.5464	0.0028	0.0000	0.0000	0.0000	0.0136
1493	1063	T352R4: s23,44,188	-0.5464	-0.0028	0.0000	0.0000	0.0000	0.0015
1493	1063	T352R4: s26,47,289; s27,62,804; s26,4-	7.9402	0.4568	0.0000	0.0000	0.0000	-0.0671
1494	1187	T352R4: s27,44,188	-2.1572	-0.0259	0.0000	0.0000	0.0000	-0.1161
1494	1187	2.7137SLL+1.3CF	75.4223	1.4457	0.0000	0.0000	0.0000	4.9966
1494	1064	2.7137SLL+1.3CF	-75.4223	-1.4457	0.0000	0.0000	0.0000	3.8296
1494	1064	T352R4: s27,44,188	2.1572	0.0259	0.0000	0.0000	0.0000	-0.0238
1507	1196	T352R4: s26,46,188; s26,51,682; s30,4-	-17.5559	0.0479	0.1603	-0.0047	-0.8878	0.2345
1507	1196	2.7137SLL+1.3CF	19.1506	0.2408	0.1007	-0.0031	-0.4605	1.3086
1507	1076	2.7137SLL+1.3CF	-19.1506	-0.2408	-0.1007	0.0031	-0.4167	0.7882
1507	1076	T352R4: s26,46,188; s26,51,682; s30,4-	17.5559	-0.0479	-0.1603	0.0047	-0.7062	0.1821
1508	1196	2.7137SLL+1.3CF	-3.8833	0.0960	0.0738	-0.0027	-0.3139	0.7670

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1508	1199	T3S2R4: s29,h6,168; s28,i1,682; s30,h-	28.9064	0.1649	0.1406	-0.0049	-0.6184	1.1973
1508	1075	T3S2R4: s29,h6,168; s28,i1,682; s30,h-	-28.9064	-0.1649	-0.1406	0.0049	-0.6060	0.2386
1508	1075	2.71375LL+1.3CF	3.6833	-0.0060	-0.0738	0.0027	-0.3322	0.0693
1508	1199	T3S2R4: s28,i7,289; s29,i2,804; s29,h-	-14.1997	-0.2535	0.0000	0.0000	0.0000	-1.6779
1509	1199	T3S2R4: s25,h6,168	0.5747	-0.0009	0.0000	0.0000	0.0000	0.0015
1509	1075	T3S2R4: s25,h6,168	-0.5747	0.0009	0.0000	0.0000	0.0000	-0.0067
1509	1075	T3S2R4: s28,i7,289; s29,i2,804; s29,h-	14.1997	0.2535	0.0000	0.0000	0.0000	0.3052
1510	1199	T3S2R4: s30,h6,168	-1.9206	-0.0145	0.0000	0.0000	0.0000	-0.0805
1510	1199	2.71375LL+1.3CF	79.4185	1.7269	0.0000	0.0000	0.0000	6.0077
1510	1075	2.71375LL+1.3CF	-79.4185	-1.7269	0.0000	0.0000	0.0000	5.3484
1510	1075	T3S2R4: s30,h6,168	1.9206	0.0145	0.0000	0.0000	0.0000	0.0019
1523	1210	T3S2R4: s32,h6,168; s32,i1,682; s30,h-	-17.8337	0.0509	0.0042	0.0000	-0.0152	0.2534
1523	1210	2.71375LL+1.3CF	19.5799	0.2347	-0.0197	0.0007	0.0703	1.2859
1523	1088	2.71375LL+1.3CF	-19.5799	-0.2347	0.0197	-0.0007	0.1012	0.7782
1523	1088	T3S2R4: s32,h6,168; s32,i1,682; s30,h-	17.8337	-0.0509	-0.0042	0.0000	-0.0215	0.1907
1524	1211	2.71375LL+1.3CF	-8.1470	0.1012	-0.0042	0.0000	0.0246	0.8154
1524	1211	T3S2R4: s27,h6,168; s32,i1,682; s29,h-	28.6341	0.1714	-0.0114	0.0005	0.0497	1.2453
1524	1087	T3S2R4: s27,h6,168; s32,i1,682; s29,h-	-28.6341	-0.1714	0.0114	-0.0005	0.0495	0.2471
1524	1087	2.71375LL+1.3CF	8.1470	-0.1012	0.0042	0.0000	0.0123	0.0958
1525	1210	T3S2R4: s27,i7,289; s31,i2,804; s30,h-	-12.1198	-0.4288	0.0000	0.0000	0.0000	-2.4214
1525	1210	T3S2R4: s30,h6,168	0.5866	0.0000	0.0000	0.0000	0.0000	0.0023
1525	1087	T3S2R4: s30,h6,168	-0.5866	0.0000	0.0000	0.0000	0.0000	-0.0022
1525	1087	T3S2R4: s27,i7,289; s31,i2,804; s30,h-	12.1198	0.4288	0.0000	0.0000	0.0000	0.0947
1526	1211	T3S2R4: s30,h6,168	-1.8785	-0.0139	0.0000	0.0000	0.0000	-0.0841
1526	1211	2.71375LL+1.3CF	84.3168	1.7835	0.0000	0.0000	0.0000	6.1963
1526	1088	2.71375LL+1.3CF	-84.3168	-1.7835	0.0000	0.0000	0.0000	5.4585
1526	1088	T3S2R4: s30,h6,168	1.8785	0.0139	0.0000	0.0000	0.0000	-0.0004
1536	1222	T3S2R4: s36,i6,168; s32,i1,682; s33,h-	-17.8245	0.0451	-0.1504	0.0047	0.6496	0.2263
1536	1222	2.71375LL+1.3CF	19.6131	0.2283	-0.1100	0.0034	0.4989	1.2290
1539	1100	2.71375LL+1.3CF	-19.6131	-0.2283	0.1100	-0.0034	0.4595	0.7595
1539	1100	T3S2R4: s36,i6,168; s32,i1,682; s33,h-	17.8245	-0.0451	0.1504	-0.0047	0.6603	0.1965
1540	1223	2.71375LL+1.3CF	-7.1113	0.0969	-0.0795	0.0027	0.3508	0.7706
1540	1223	T3S2R4: s31,i6,168; s32,i1,682; s33,h-	28.3646	0.1617	-0.1475	0.0052	0.6495	1.1940
1540	1099	T3S2R4: s31,i6,168; s32,i1,682; s33,h-	-28.3646	-0.1617	0.1475	-0.0052	0.6346	0.2240

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1540	1099	2.71375LL+1.3CF	7.1113	-0.0969	0.0795	-0.0027	0.3418	0.0730
1541	1222	T3S2R4: s31,i7,289; s32,i2,804; s32,h-	-11.3867	-0.4429	0.0000	0.0000	0.0000	-2.4175
1541	1222	T3S2R4: s35,h6,168	0.6000	0.0061	0.0000	0.0000	0.0000	0.0215
1541	1099	T3S2R4: s35,h6,168	-0.6000	-0.0061	0.0000	0.0000	0.0000	0.0117
1541	1099	T3S2R4: s31,i7,289; s32,i2,804; s32,h-	11.3867	0.4429	0.0000	0.0000	0.0000	0.0201
1542	1223	T3S2R4: s30,h6,168	-1.4227	-0.0158	0.0000	0.0000	0.0000	-0.0819
1542	1223	2.71375LL+1.3CF	79.3373	1.7291	0.0000	0.0000	0.0000	5.9839
1542	1100	2.71375LL+1.3CF	-79.3373	-1.7291	0.0000	0.0000	0.0000	5.3763
1542	1100	T3S2R4: s30,h6,168	1.4227	0.0158	0.0000	0.0000	0.0000	-0.0033
1555	1234	T3S2R4: s40,i6,168; s37,i1,682	-14.4218	0.0219	-0.2547	0.0079	1.0978	0.1120
1555	1234	2.71375LL+1.3CF	19.7627	0.2302	-0.2065	0.0065	0.8769	1.1926
1555	1112	2.71375LL+1.3CF	-19.7627	-0.2302	0.2065	-0.0065	0.9215	0.7251
1555	1112	T3S2R4: s40,i6,168; s37,i1,682	14.4218	-0.0219	0.2547	-0.0079	1.1201	0.0799
1556	1235	2.71375LL+1.3CF	-8.8310	0.0775	-0.1589	0.0053	0.7056	0.8396
1556	1235	T3S2R4: s35,i6,168; s35,i1,682	22.8514	0.1218	-0.2686	0.0082	1.1705	0.8841
1556	1111	T3S2R4: s35,i6,168; s35,i1,682	-22.8514	-0.1218	0.2686	-0.0092	1.1466	0.1768
1556	1111	2.71375LL+1.3CF	8.8310	-0.0775	0.1589	-0.0053	0.6790	0.0357
1557	1234	T3S2R4: s35,i6,168; s31,i1,682	-14.3689	-0.1688	0.0000	0.0000	0.0000	-0.7345
1557	1234	T3S2R4: s36,h6,168	0.6196	0.0127	0.0000	0.0000	0.0000	0.0411
1557	1111	T3S2R4: s36,h6,168	-0.6196	-0.0127	0.0000	0.0000	0.0000	0.0275
1557	1111	T3S2R4: s35,i6,168; s31,i1,682	14.3689	0.1688	0.0000	0.0000	0.0000	-0.1799
1558	1235	T3S2R4: s27,h6,168	-1.2072	-0.0027	0.0000	0.0000	0.0000	-0.0309
1558	1235	2.71375LL+1.3CF	69.7487	1.4205	0.0000	0.0000	0.0000	4.8518
1558	1112	2.71375LL+1.3CF	-69.7487	-1.4205	0.0000	0.0000	0.0000	2.7580
1558	1112	T3S2R4: s27,h6,168	1.2072	0.0027	0.0000	0.0000	0.0000	0.0155
1571	1246	T3S2R4: s41,i6,168; s37,i1,682	-12.8788	0.0886	-0.3231	0.0102	1.3922	0.0518
1571	1246	2.71375LL+1.3CF	18.3541	0.2012	-0.2354	0.0074	1.0012	1.1068
1571	1124	2.71375LL+1.3CF	-18.3541	-0.2012	0.2354	-0.0074	1.0488	0.6456
1571	1124	T3S2R4: s41,i6,168; s37,i1,682	12.8788	-0.0886	0.3231	-0.0102	1.4217	0.0317
1572	1247	2.71375LL+1.3CF	-8.7470	0.0381	-0.1609	0.0056	0.7176	0.3761
1572	1247	2.71375LL+1.3CF	18.5658	0.2629	-0.3382	0.0117	1.4954	0.6087
1572	1123	2.71375LL+1.3CF	-18.5658	-0.2629	0.3382	-0.0117	1.4496	0.1126
1572	1123	2.71375LL+1.3CF	8.7470	-0.0381	0.1609	-0.0056	0.8859	-0.0442
1573	1246	T3S2R4: s36,i6,168; s35,i1,682	-10.8224	-0.1449	0.0000	0.0000	0.0000	-0.8003

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1573	1246	T352R4: s38,h4,168	0.5222	0.0159	0.0000	0.0000	0.0000	0.0504
1573	1123	T352R4: s38,h4,168	-0.5222	-0.0159	0.0000	0.0000	0.0000	0.0356
1573	1123	T352R4: s36,h6,168; s35,l1,682	16.8224	0.1444	0.0000	0.0000	0.0000	-0.1612
1574	1247	T352R4: s27,h6,189	-0.8901	0.0006	0.0000	0.0000	0.0000	-0.0129
1574	1247	2.7137SLL+1.3CF	52.9411	0.3946	0.0000	0.0000	0.0000	5.4948
1574	1124	2.7137SLL+1.3CF	-52.9411	-0.3946	0.0000	0.0000	0.0000	1.8896
1574	1124	T352R4: s27,h6,168	0.8901	-0.0006	0.0000	0.0000	0.0000	0.0159
1587	1259	T352R4: s45,h6,168; s36,l1,682	-8.1953	-0.0052	-0.3038	0.0056	1.3075	-0.0008
1587	1259	2.7137SLL+1.3CF	13.6485	0.1713	-0.3099	0.0112	1.5742	0.9069
1587	1136	2.7137SLL+1.3CF	-13.6485	-0.1713	0.3099	-0.0112	1.5625	0.5248
1587	1136	T352R4: s45,h6,168; s36,l1,682	8.1953	0.0052	0.3038	-0.0056	1.3391	-0.0013
1588	1259	2.7137SLL+1.3CF	-7.2807	0.0002	-0.1507	0.0054	0.6846	0.1140
1588	1259	T352R4: s43,h6,168; s37,l1,682	11.3715	0.0394	-0.3233	0.0113	1.4497	0.2675
1588	1135	T352R4: s43,h6,168; s37,l1,682	-11.3715	-0.0394	0.3233	-0.0113	1.3655	0.0554
1588	1135	2.7137SLL+1.3CF	7.2807	-0.0002	0.1507	-0.0054	0.6282	-0.1124
1589	1258	T352R4: s39,h6,168; s35,l1,682	-6.1725	-0.0835	0.0000	0.0000	0.0000	-0.3286
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1589	1135	T352R4: s39,h6,168; s35,l1,682	6.1725	0.0835	0.0000	0.0000	0.0000	-0.1232
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1590	1259	2.7137SLL+1.3CF	27.5074	0.3898	0.0000	0.0000	0.0000	1.4285
1590	1136	2.7137SLL+1.3CF	-27.5074	-0.3898	0.0000	0.0000	0.0000	0.6835
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1603	1270	T352R4: s36,h4,168	-1.2809	-0.0124	0.0294	-0.0001	-0.2461	-0.0636
1603	1270	2.7137SLL+1.3CF	33.7881	-0.0474	0.4456	0.0144	-0.5835	-0.0955
1603	1148	2.7137SLL+1.3CF	-53.7881	0.0474	-0.4456	-0.0144	-3.2972	-0.3176
1603	1148	T352R4: s36,h4,168	1.2809	0.0124	-0.0294	0.0001	-0.0105	-0.0441
1604	1271	T352R4: s38,h4,168; s59,l2,804	-0.8609	-0.0203	0.0448	0.0022	-0.2917	-0.0978
1604	1271	2.7137SLL+1.3CF	43.2923	0.2524	-0.5453	-0.1378	2.0911	1.0880
1604	1147	2.7137SLL+1.3CF	-43.2923	-0.2524	0.5453	0.1378	2.6580	1.1097
1604	1147	T352R4: s38,h4,168; s59,l2,804	0.8609	0.0203	-0.0448	-0.0022	-0.2985	-0.0787
1605	1270	2.7137SLL+1.3CF	-6.8071	-0.0560	0.0000	0.0000	0.0000	-0.2233
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1605	1147	2.7137SLL+1.3CF	6.8071	0.0560	0.0000	0.0000	0.0000	-0.0807
1606	1271	2.7137SLL+1.3CF	-22.3753	0.6253	0.0000	0.0000	0.0000	1.7940
1606	1271	T352R4: s38,h4,168; s59,l2,804	0.2775	-0.1083	0.0000	0.0000	0.0000	-0.3288
1606	1148	T352R4: s38,h4,168; s59,l2,804	-0.2775	0.1083	0.0000	0.0000	0.0000	-0.2576
1606	1148	2.7137SLL+1.3CF	22.3753	-0.6253	0.0000	0.0000	0.0000	1.6010

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips) Result Cases

2.7137SLL+1.3CF		

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1448	1150	T352R4: s24,h6,168; s0,l5,046	-11.8496	-0.0587	-0.0811	-0.1024	0.1678	-0.1573
1448	1150	2.7137SLL+1.3CF	47.3839	0.4649	-0.2686	0.8720	-2.0371	1.0901
1448	1153	2.7137SLL+1.3CF	-47.3839	-0.4649	0.2686	-0.8720	3.0238	0.6919
1448	1153	T352R4: s24,h6,168; s0,l5,046	11.8496	0.0587	0.0811	0.1024	0.1291	-0.0576
1449	1151	2.7137SLL+1.3CF	-23.2369	2.7761	-3.9337	3.7671	0.0000	0.0000
1449	1151	T352R4: s24,h6,168; s0,l5,046	6.7967	-0.4456	0.5816	-0.5101	0.0000	0.0000
1449	1154	T352R4: s24,h6,168; s0,l5,046	-6.7967	0.4456	-0.5816	0.5101	-3.2276	-1.8315
1449	1154	2.7137SLL+1.3CF	23.2369	-2.7761	3.9337	-2.7671	14.4017	10.1835
1451	1153	T352R4: s17,h6,168	-0.8052	0.0315	-0.0294	-0.0815	0.0350	0.0748
1451	1153	2.7137SLL+1.3CF	78.2778	1.0675	1.2978	0.5845	-4.2228	2.0736
1451	1156	2.7137SLL+1.3CF	-78.2778	-1.0675	-1.2978	-0.5845	-0.5465	1.8347
1451	1156	T352R4: s17,h6,168	0.8052	-0.0315	0.0294	0.0815	0.0618	0.0404
1452	1154	2.7137SLL+1.3CF	-207.4215	4.6265	-2.3639	2.4650	-17.4389	8.4652
1452	1154	T352R4: s23,h6,168	35.6443	-0.6365	0.3860	-0.4646	3.5331	-1.8868
1452	1157	T352R4: s23,h6,168	-35.6443	0.6365	-0.3860	0.4646	-4.9464	-0.6511
1452	1157	2.7137SLL+1.3CF	207.4215	-4.6265	2.3639	-2.4650	26.0932	7.4774
1454	1156	T352R4: s19,h6,168	-1.7565	0.0105	0.0249	-0.0836	-0.0599	0.0399
1454	1156	2.7137SLL+1.3CF	100.5792	0.6237	-0.1759	0.6180	0.1634	1.0409
1454	1159	2.7137SLL+1.3CF	-100.5792	-0.6237	0.1759	-0.6180	0.4606	1.2425
1454	1159	T352R4: s19,h6,168	1.7565	-0.0105	-0.0249	0.0836	-0.0309	0.0115
1455	1157	2.7137SLL+1.3CF	-325.4602	3.5728	2.4272	2.7146	-26.1511	6.2429

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1456	1157	T302/R4: s23,h4,168	36.8254	0.0916	-0.3380	0.4784	4.9444	0.2911
1456	1160	T302/R4: s23,h4,168	-36.8254	-0.0919	0.3380	0.4784	-3.7067	0.0442
1456	1160	2.7137SLL+1.3CF	325.4602	-3.5738	-2.4272	-2.7146	17.2647	6.8376
1457	1159	T302/R4: s20,h4,168	-3.3017	0.0068	0.0853	-0.0885	0.0365	0.0197
1457	1159	2.7137SLL+1.3CF	140.9234	0.8941	-0.1084	0.6479	-0.3422	1.1792
1457	1162	2.7137SLL+1.3CF	-140.9234	-0.8941	0.1084	-0.6479	0.7391	1.3832
1457	1162	T302/R4: s20,h4,168	3.3017	-0.0068	-0.0853	0.0885	-0.2756	0.0045
1458	1160	2.7137SLL+1.3CF	-428.6476	2.7842	8.2692	2.9710	-17.2411	4.6705
1458	1160	T302/R4: s23,h4,168	36.1403	0.0437	-1.0624	-0.4856	3.7036	0.0411
1458	1163	T302/R4: s23,h4,168	-36.1403	-0.0437	1.0624	0.4856	0.1658	0.1180
1458	1163	2.7137SLL+1.3CF	428.6476	-2.7842	-8.2692	-2.9710	-16.6646	5.2595
1464	1162	T302/R4: s20,h4,168	-4.6247	0.0096	0.0620	-0.0952	-0.0187	0.0237
1464	1162	2.7137SLL+1.3CF	175.4013	0.6691	-0.1966	0.6740	0.3457	1.1155
1464	1165	2.7137SLL+1.3CF	-175.4013	-0.6691	0.1966	-0.6740	0.3782	1.3303
1464	1165	T302/R4: s20,h4,168	4.6247	-0.0096	-0.0620	0.0952	-0.2074	0.0114
1465	1163	2.7137SLL+1.3CF	-522.7372	2.8026	-15.4907	1.8683	19.0581	4.3141
1465	1163	T302/R4: s23,h4,168	36.8904	0.0664	1.2604	-0.3815	-0.5162	0.2090
1465	1166	T302/R4: s23,h4,168	-36.8904	-0.0664	-1.2604	0.3815	-4.0961	0.0342
1465	1166	2.7137SLL+1.3CF	522.7372	-2.8026	15.4907	-1.9683	37.0527	5.9461
1467	1165	T302/R4: s23,h4,168	-6.8814	0.0151	0.0179	-0.0879	0.2212	0.0780
1467	1165	2.7137SLL+1.3CF	207.7508	0.5891	-0.4589	0.7846	-0.5873	0.9139
1467	1168	2.7137SLL+1.3CF	-207.7509	-0.5891	0.4589	-0.7846	2.0675	1.2431
1467	1168	T302/R4: s23,h4,168	5.8814	-0.0151	-0.0179	0.0879	-0.2868	0.0182
1468	1166	2.7137SLL+1.3CF	-824.6800	3.0092	-5.2203	2.3696	-36.0968	5.0083
1468	1166	T302/R4: s23,h4,168	36.7025	-0.0171	0.5404	-0.3838	4.0968	-0.0113
1468	1169	T302/R4: s23,h4,168	-36.7025	0.0171	-0.5404	0.3838	-6.0754	-0.0514
1468	1169	2.7137SLL+1.3CF	824.6800	-3.0092	5.2203	-2.3696	57.2118	6.0081
1470	1168	T302/R4: s23,h4,168	-7.1082	0.0134	0.0024	-0.0832	0.2884	0.0343
1470	1168	2.7137SLL+1.3CF	239.6906	0.5764	0.6030	0.3820	-2.2298	0.8451
1470	1171	2.7137SLL+1.3CF	-239.6906	-0.5764	-0.6030	-0.3820	1.0218	1.2952
1470	1171	T302/R4: s23,h4,168	7.1082	-0.0134	-0.0024	0.0832	-0.2970	0.0149
1471	1169	2.7137SLL+1.3CF	-706.2225	2.7946	6.4947	2.6220	-56.4328	4.4088
1471	1169	T302/R4: s23,h4,168	39.0447	-0.0075	-0.1776	0.4016	6.0733	0.0257
1471	1172	T302/R4: s23,h4,168	-39.0447	0.0075	0.1776	0.4016	-5.4230	-0.0531

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1471	1172	2.7137SLL+1.3CF	706.2225	-2.7946	-6.4947	-2.6220	52.6550	5.8226
1473	1171	T302/R4: s23,h4,168	-6.4247	0.0118	0.1171	-0.0899	0.2992	0.0331
1473	1171	2.7137SLL+1.3CF	267.3254	0.5462	-0.5410	0.7178	-0.9018	0.7760
1473	1174	2.7137SLL+1.3CF	-267.3254	-0.5462	0.5410	-0.7178	2.8627	1.2207
1473	1174	T302/R4: s23,h4,168	6.4247	-0.0118	-0.1171	0.0899	-0.7260	0.0103
1474	1172	2.7137SLL+1.3CF	-784.8680	2.4847	19.8204	2.9695	-32.1807	3.8837
1474	1172	T302/R4: s23,h4,168	36.8399	0.0443	-0.8954	-0.4103	5.4201	0.0709
1474	1175	T302/R4: s23,h4,168	-36.8399	-0.0443	0.8954	0.4103	-2.1419	0.0914
1474	1175	2.7137SLL+1.3CF	784.8680	-2.4847	-19.8204	-2.9695	-36.8518	5.1032
1480	1174	T302/R4: s23,h4,168	-8.6281	0.0131	-0.0154	-0.0747	0.4716	0.0328
1480	1174	2.7137SLL+1.3CF	298.4416	0.4941	0.0489	0.5398	-0.8575	0.6691
1480	1177	2.7137SLL+1.3CF	-298.4416	-0.4941	-0.0489	-0.5398	0.6796	1.1159
1480	1177	T302/R4: s23,h4,168	8.6281	-0.0131	0.0154	0.0747	-0.4193	0.0162
1481	1175	2.7137SLL+1.3CF	-864.9696	2.1466	-24.4050	1.3838	41.2915	2.8039
1481	1175	T302/R4: s23,h4,168	39.3284	0.0620	1.1715	-0.2839	1.8774	0.1952
1481	1178	T302/R4: s23,h4,168	-39.3284	-0.0620	-1.1715	0.2839	-6.1063	0.0320
1481	1178	2.7137SLL+1.3CF	864.9696	-2.1466	24.4050	-1.3838	48.0583	5.0658
1483	1177	T302/R4: s23,h4,168	-10.4596	0.0150	0.0203	-0.0716	0.4160	0.0360
1483	1177	2.7137SLL+1.3CF	322.4695	0.4294	-0.6120	0.6660	-0.8839	0.5240
1483	1180	2.7137SLL+1.3CF	-322.4695	-0.4294	0.6120	-0.6660	2.9246	1.0483
1483	1180	T302/R4: s23,h4,168	10.4596	-0.0150	-0.0203	0.0716	-0.4902	0.0170
1484	1178	2.7137SLL+1.3CF	-897.2935	2.1934	-8.2477	1.7916	-48.0597	3.1595
1484	1178	T302/R4: s23,h4,168	38.8969	-0.0017	0.4636	-0.2905	6.1655	0.0251
1484	1181	T302/R4: s23,h4,168	-38.8969	0.0017	-0.4636	0.2905	-7.8628	-0.0313
1484	1181	2.7137SLL+1.3CF	897.2935	-2.1934	8.2477	-1.7916	78.2559	4.8670
1486	1180	T302/R4: s23,h4,168	-11.1543	0.0129	-0.0053	-0.0728	0.5044	0.0349
1486	1180	2.7137SLL+1.3CF	344.8782	0.4033	-0.2938	0.5222	-2.9410	0.4243
1486	1183	2.7137SLL+1.3CF	-344.8782	-0.4033	0.2938	-0.5222	3.8802	1.0526
1486	1183	T302/R4: s23,h4,168	11.1543	-0.0129	0.0053	0.0728	-0.4846	0.0124
1487	1181	2.7137SLL+1.3CF	-999.8492	2.2029	8.7640	2.1830	-77.8282	3.0323
1487	1181	T302/R4: s23,h4,168	38.7281	0.0067	-0.2362	-0.2927	7.9612	0.0543
1487	1184	T302/R4: s23,h4,168	-38.7281	-0.0067	0.2362	0.2927	-6.8965	-0.0296
1487	1184	2.7137SLL+1.3CF	999.8492	-2.2029	-8.7640	-2.1830	45.5422	5.0527
1488	1183	T302/R4: s23,h4,168	-11.9781	0.0105	0.1995	-0.0662	0.4867	0.0514

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1489	1183	2.71375LL+1.3CF	570.6911	0.3487	-0.2792	0.4717	-0.3298	0.3069
1489	1186	2.71375LL+1.3CF	-570.6911	-0.3487	0.2792	-0.4717	4.3520	0.9657
1489	1186	T302R4: s23,h6,169	11.9781	-0.0105	-0.1086	0.0882	-0.8839	0.0072
1490	1184	2.71375LL+1.3CF	-1,061.1577	1.5273	27.3159	2.4809	-46.2043	1.8817
1490	1184	T302R4: s23,h6,169	38.2725	0.0416	-0.8292	-0.2969	6.9940	0.0957
1490	1187	T302R4: s23,h6,169	-38.2725	-0.0416	0.9292	0.2969	-3.5923	0.0665
1490	1187	2.71375LL+1.3CF	1,061.1577	-1.5273	-27.3155	-2.4809	-53.8013	3.7579
1496	1186	T302R4: s23,h6,169	-12.6199	0.0119	-0.0425	-0.0499	0.7011	0.0318
1496	1186	2.71375LL+1.3CF	390.6045	0.3458	-0.1379	0.3233	-3.2274	0.2937
1496	1189	2.71375LL+1.3CF	-390.6045	-0.3458	0.1379	-0.3233	3.7324	0.8725
1496	1189	T302R4: s23,h6,169	12.6199	-0.0119	0.0425	0.0499	-0.5453	0.0116
1497	1187	2.71375LL+1.3CF	-1,121.9984	1.0955	-30.8092	0.4979	55.3248	0.6974
1497	1187	T302R4: s27,h6,169	37.8056	0.0553	1.0937	-0.1786	3.5396	0.1720
1497	1190	T302R4: s27,h6,169	-37.8056	-0.0553	-1.0937	0.1786	-7.3973	0.0304
1497	1190	2.71375LL+1.3CF	1,121.9984	-1.0955	30.8092	-0.4979	57.4715	3.3133
1498	1189	T302R4: s25,h6,169	-12.7890	0.0113	0.0159	-0.0506	0.5868	0.0316
1498	1189	2.71375LL+1.3CF	407.2875	0.2855	-0.3930	0.4474	-2.7789	0.1255
1498	1192	2.71375LL+1.3CF	-407.2875	-0.2855	0.3930	-0.4474	4.2177	0.8465
1498	1192	T302R4: s25,h6,169	12.7890	-0.0113	-0.0159	0.0506	-0.8251	0.0099
1500	1190	2.71375LL+1.3CF	-1,168.9509	1.8424	-10.5827	1.0105	-57.0984	1.8780
1500	1190	T302R4: s27,h6,169	36.9516	0.0087	0.3898	-0.1821	7.5972	0.0480
1500	1193	T302R4: s27,h6,169	-36.9516	-0.0087	-0.5898	0.1821	-8.8341	-0.0170
1500	1193	2.71375LL+1.3CF	1,168.9509	-1.8424	10.5827	-1.0105	85.8430	4.1339
1502	1192	T302R4: s27,h6,169	-13.1693	0.0057	-0.0139	-0.0438	0.6275	0.0292
1502	1192	2.71375LL+1.3CF	423.0317	0.2674	0.3043	0.1939	-4.2298	0.1085
1502	1195	2.71375LL+1.3CF	-423.0317	-0.2674	-0.3043	-0.1938	5.1158	0.8704
1502	1195	T302R4: s27,h6,169	13.1693	-0.0057	0.0139	0.0438	-0.5771	0.0064
1503	1193	2.71375LL+1.3CF	-1,213.0334	1.0391	15.7505	1.4487	-66.0475	0.7049
1503	1193	T302R4: s27,h6,169	38.5060	0.0165	-0.2624	-0.1814	8.8231	0.0711
1503	1196	T302R4: s27,h6,169	-38.5060	-0.0165	0.2624	0.1814	-7.8625	-0.0126
1503	1196	2.71375LL+1.3CF	1,213.0334	-1.0391	-15.7505	-1.4487	56.8880	3.0998
1505	1195	T302R4: s27,h6,169	-13.5238	0.0088	0.0926	-0.0364	0.5785	0.0277
1505	1195	2.71375LL+1.3CF	439.4247	0.1672	-0.0896	0.0794	-3.1289	-0.0453
1505	1198	2.71375LL+1.3CF	-439.4247	-0.1672	0.0896	-0.0794	3.4568	0.4673

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1505	1198	T302R4: s27,h6,169	13.5238	-0.0088	-0.0926	0.0364	-0.9178	0.0044
1506	1196	2.71375LL+1.3CF	-1,242.6523	0.8433	32.7261	1.9464	-56.6656	0.3072
1506	1199	T302R4: s27,h6,169	35.8859	0.0322	-0.9046	-0.1831	7.8602	0.0836
1506	1199	T302R4: s27,h6,169	-35.8859	-0.0322	0.9046	0.1831	-4.5488	0.0342
1506	1199	2.71375LL+1.3CF	1,242.8523	-0.8433	-32.7261	-1.9464	-63.1469	2.7802
1512	1198	T302R4: s27,h6,169	-13.6816	0.0089	-0.0415	-0.0159	0.8292	0.0267
1512	1198	2.71375LL+1.3CF	450.6960	0.1442	0.3660	0.2015	-2.8676	-0.0597
1512	1201	2.71375LL+1.3CF	-450.6960	-0.1442	-0.3660	-0.2015	1.3575	0.5877
1512	1201	T302R4: s27,h6,169	13.6816	-0.0089	0.0415	0.0159	-0.6027	0.0077
1513	1199	2.71375LL+1.3CF	-1,277.4344	0.7512	-34.8763	-0.3314	64.8959	-0.0711
1513	1199	T302R4: s27,h6,169	35.2365	0.0510	0.9109	-0.0364	4.4638	0.1465
1513	1202	T302R4: s27,h6,169	-35.2365	-0.0510	-0.9109	0.0364	-7.7969	0.0402
1513	1202	2.71375LL+1.3CF	1,277.4344	-0.7512	34.8763	0.3314	62.7908	2.8215
1515	1201	T302R4: s27,h6,169	-13.6007	0.0107	0.0142	-0.0139	0.9024	0.0303
1515	1201	2.71375LL+1.3CF	456.4528	0.0909	-0.0566	0.1652	-4.3040	-0.2570
1515	1204	2.71375LL+1.3CF	-456.4528	-0.0909	0.0566	-0.1652	4.5120	0.5896
1515	1204	T302R4: s27,h6,169	13.6007	-0.0107	-0.0142	0.0139	-0.8544	0.0087
1516	1202	2.71375LL+1.3CF	-1,299.1193	0.6545	-11.7165	0.2345	-62.6842	-0.0625
1516	1202	T302R4: s27,h6,169	34.1344	0.0287	0.2995	-0.0376	7.7993	0.0679
1516	1205	T302R4: s27,h6,169	-34.1344	-0.0287	-0.2996	0.0376	-6.8909	0.0174
1516	1205	2.71375LL+1.3CF	1,299.1193	-0.6546	11.7165	-0.2345	105.7797	2.4589
1518	1204	T302R4: s30,h6,169	-13.6771	0.0041	-0.0165	-0.0148	0.8688	0.0182
1518	1204	2.71375LL+1.3CF	464.2109	0.0781	0.6036	-0.0472	-3.7953	-0.2295
1518	1207	2.71375LL+1.3CF	-464.2109	-0.0781	-0.6036	0.0472	1.5895	0.5145
1518	1207	T302R4: s30,h6,169	13.6771	-0.0041	0.0165	0.0148	-0.6081	-0.0039
1519	1205	2.71375LL+1.3CF	-1,311.9663	0.2035	11.6080	0.6872	-105.7803	-0.9932
1519	1205	T302R4: s30,h6,169	32.7900	-0.0014	-0.2440	-0.0710	6.9574	0.0343
1519	1208	T302R4: s30,h6,169	-32.7900	0.0014	0.2440	0.0710	-6.0640	-0.0394
1519	1208	2.71375LL+1.3CF	1,311.9663	-0.2035	-11.6095	-0.6872	63.2788	1.7361
1521	1207	T302R4: s30,h6,169	-14.0868	0.0042	0.0858	-0.0095	0.8088	0.0185
1521	1207	2.71375LL+1.3CF	470.8636	0.0131	-0.8739	0.0771	-1.5727	-0.3308
1521	1210	2.71375LL+1.3CF	-470.8636	-0.0131	0.8739	-0.0771	4.0367	0.3789
1521	1210	T302R4: s30,h6,169	14.0868	-0.0042	-0.0858	0.0095	-0.9231	-0.0032
1522	1208	2.71375LL+1.3CF	-1,318.6409	0.3107	35.1167	1.1953	-63.0948	-0.8753

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1522	1208	T302/R4: s30,h4,168	32.8413	-0.0018	-0.8193	-0.0704	5.0629	0.0337
1522	1211	T302/R4: s30,h4,168	-32.8413	0.0018	0.8193	0.0704	-5.0631	-0.0404
1522	1211	2.7137%LL+1.3CF	1,319.8409	-0.3107	-35.1107	-1.1957	-85.4532	2.0127
1528	1210	T302/R4: s30,h4,168	-14.3266	0.0067	-0.0841	0.0113	0.9187	0.0230
1528	1210	2.7137%LL+1.3CF	469.1709	-0.0368	-8.1244	0.0757	-4.0166	-0.4675
1526	1213	2.7137%LL+1.3CF	-469.1709	0.0368	8.1244	-0.0757	4.4722	0.3254
1528	1213	T302/R4: s30,h4,168	14.3266	-0.0067	0.0841	-0.0113	-0.6119	0.0015
1529	1211	2.7137%LL+1.3CF	-1,321.2350	-0.2678	-35.0310	-1.2208	85.4638	-1.9632
1529	1211	T302/R4: s30,h4,168	32.5960	0.0182	0.8249	0.0741	5.0613	0.0730
1529	1214	T302/R4: s30,h4,168	-32.5960	-0.0182	-0.8249	-0.0741	-5.0617	-0.0053
1529	1214	2.7137%LL+1.3CF	1,321.2350	0.2678	35.0310	1.2208	82.7927	0.8833
1531	1213	T302/R4: s30,h4,168	-14.3607	0.0058	0.0183	0.0166	0.8110	0.0215
1531	1213	2.7137%LL+1.3CF	462.9173	-0.1254	0.1225	-0.1645	-4.4377	-0.6436
1531	1216	2.7137%LL+1.3CF	-462.9173	0.1254	-0.1225	0.1645	4.0093	0.1843
1531	1216	T302/R4: s30,h4,168	14.3607	-0.0059	-0.0183	-0.0166	-0.6707	0.0001
1532	1214	2.7137%LL+1.3CF	-1,311.3793	-0.4779	-11.4791	-0.7064	-82.7869	-2.1606
1532	1214	T302/R4: s30,h4,168	32.0697	0.0146	0.2808	0.0758	5.0829	0.0643
1532	1217	T302/R4: s30,h4,168	-32.0697	-0.0146	-0.2808	-0.0758	-5.0379	-0.0106
1532	1217	2.7137%LL+1.3CF	1,311.3793	0.4779	11.4791	0.7064	104.7835	0.4111
1534	1216	T302/R4: s33,h4,168	-14.5869	0.0040	-0.0187	0.0217	0.8674	0.0179
1534	1216	2.7137%LL+1.3CF	458.3827	-0.1418	0.7903	-0.3515	-4.2006	-0.6335
1534	1219	2.7137%LL+1.3CF	-458.3827	0.1418	-0.7903	0.3515	1.1071	0.1152
1534	1219	T302/R4: s33,h4,168	14.5869	-0.0040	0.0187	-0.0217	-0.5960	-0.0034
1535	1217	2.7137%LL+1.3CF	-1,288.2809	-0.8490	11.7370	-0.2679	-104.8024	-3.0805
1535	1217	T302/R4: s30,h4,168	31.5415	0.0195	-0.2924	0.0810	5.0383	0.0751
1535	1220	T302/R4: s30,h4,168	-31.5415	-0.0195	0.2924	-0.0810	-7.9077	0.0014
1535	1220	2.7137%LL+1.3CF	1,288.2809	0.8490	-11.7370	0.2679	81.8319	-0.4239
1537	1218	T302/R4: s34,h4,168	-14.7359	0.0014	0.0913	0.0200	0.5705	0.0130
1537	1219	2.7137%LL+1.3CF	456.4187	-0.1720	-0.0196	0.1523	-1.1387	-0.6518
1537	1222	2.7137%LL+1.3CF	-456.4187	0.1720	0.0196	0.1523	3.4408	0.0220
1537	1222	T302/R4: s34,h4,168	14.7359	-0.0014	-0.0913	-0.0200	-0.5046	-0.0079
1538	1220	2.7137%LL+1.3CF	-1,275.4519	-0.4329	34.3937	0.2666	-82.5092	-2.2267
1538	1220	T302/R4: s33,h4,168	31.8147	-0.0119	-0.8393	0.0791	7.9983	0.0335
1538	1223	T302/R4: s33,h4,168	-31.8147	0.0119	0.8393	-0.0791	-4.8956	-0.0759

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1538	1223	2.7137%LL+1.3CF	1,275.4519	0.4329	-34.3937	-0.2666	-83.4106	0.6443
1544	1222	T302/R4: s34,h4,168	-14.8687	0.0066	-0.1191	0.0423	0.8907	0.0232
1544	1222	2.7137%LL+1.3CF	445.3690	-0.2051	0.1253	-0.1068	-4.0096	-0.7413
1544	1225	2.7137%LL+1.3CF	-445.3690	0.2051	-0.1253	0.1069	3.5507	-0.0096
1544	1225	T302/R4: s34,h4,168	14.8687	-0.0066	0.1191	-0.0423	-0.5547	0.0004
1545	1223	2.7137%LL+1.3CF	-1,247.6879	-0.9371	-32.7521	-1.9681	83.1350	-2.9415
1545	1223	T302/R4: s34,h4,168	31.0463	0.0013	0.7524	0.1845	4.8724	0.0257
1545	1226	T302/R4: s34,h4,168	-31.0463	-0.0013	-0.7524	-0.1845	-7.8269	-0.0209
1545	1226	2.7137%LL+1.3CF	1,247.6879	0.9371	32.7521	1.9681	56.8844	-0.4895
1547	1225	T302/R4: s34,h4,168	-14.8029	0.0047	0.0193	0.0465	0.3533	0.0193
1547	1225	2.7137%LL+1.3CF	427.2450	-0.2519	-0.1420	-0.2207	-1.6750	-0.7958
1547	1228	2.7137%LL+1.3CF	-427.2450	0.2519	0.1420	0.2207	2.1946	-0.1365
1547	1228	T302/R4: s34,h4,168	14.8029	-0.0047	-0.0193	-0.0465	-0.6241	-0.0019
1548	1226	2.7137%LL+1.3CF	-1,214.0775	-1.1794	-10.7679	-1.4678	-98.3099	-3.3737
1548	1228	T302/R4: s34,h4,168	30.5890	0.0170	0.2185	0.1691	7.9267	0.0712
1548	1229	T302/R4: s34,h4,168	-30.5890	-0.0170	-0.2185	-0.1691	-8.4265	-0.0099
1548	1229	2.7137%LL+1.3CF	1,214.0775	1.1794	10.7679	1.4678	86.3323	-0.9441
1550	1229	T302/R4: s34,h4,168	-14.7334	0.0036	-0.0275	0.0529	0.8251	0.0170
1550	1229	2.7137%LL+1.3CF	411.5785	-0.2605	-0.4671	-0.2096	-2.1720	-0.8186
1550	1231	2.7137%LL+1.3CF	-411.5785	0.2605	0.4671	0.2096	3.8620	-0.1353
1550	1231	T302/R4: s34,h4,168	14.7334	-0.0036	0.0275	-0.0529	-0.5234	-0.0036
1551	1229	2.7137%LL+1.3CF	-1,160.1168	-1.3349	10.3083	-0.9922	-95.7316	-3.5874
1551	1229	T302/R4: s34,h4,168	30.0199	0.0215	-0.3045	0.1950	8.4267	0.0712
1551	1232	T302/R4: s34,h4,168	-30.0199	-0.0215	0.3045	-0.1950	-7.3149	0.0074
1551	1232	2.7137%LL+1.3CF	1,160.1168	1.3349	-10.3083	0.9922	57.9865	-1.2801
1553	1231	T302/R4: s36,h4,168	-14.8049	0.0027	0.0967	0.0482	0.4928	0.0148
1553	1231	2.7137%LL+1.3CF	395.8643	-0.3735	0.1609	-0.3893	-5.8892	-1.0244
1553	1234	2.7137%LL+1.3CF	-395.8643	0.3735	-0.1609	0.3893	3.2268	-0.3431
1553	1234	T302/R4: s36,h4,168	14.8049	-0.0027	-0.0967	-0.0482	-0.8467	-0.0049
1554	1232	2.7137%LL+1.3CF	-1,114.5806	-1.2617	30.6339	-0.5327	-57.6840	-3.6154
1554	1232	T302/R4: s34,h4,168	29.6459	-0.0196	-0.8195	0.1992	7.3152	0.0310
1554	1235	T302/R4: s34,h4,168	-29.6459	0.0196	0.8195	-0.1992	-4.3185	-0.1026
1554	1235	2.7137%LL+1.3CF	1,114.5806	1.2617	-30.6339	0.5327	-54.4891	-1.0039
1560	1234	T302/R4: s36,h4,168	-14.2755	0.0107	-0.1663	0.0715	1.0192	0.0311

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1560	1234	2.7137%LL+1.3CF	376.3540	-0.3958	0.4806	-0.5131	-4.3804	-1.0469
1560	1237	2.7137%LL+1.3CF	-376.3340	0.3958	-0.4606	0.5131	2.6207	-0.4029
1560	1237	T302Rd x36.5x6.188	14.2765	-0.0107	0.1605	-0.0715	-0.4522	0.0062
1561	1235	2.7137%LL+1.3CF	-1,050.4940	-1.7217	-26.8818	-2.4977	52.8863	-4.2643
1561	1235	T302Rd x36.5x6.188	28.2807	0.0137	0.6033	0.2950	4.5249	0.0317
1561	1238	T302Rd x36.5x6.188	-28.2807	-0.0137	-0.6033	-0.2950	-6.5336	0.0196
1561	1236	2.7137%LL+1.3CF	1,050.4940	1.7217	26.8818	2.4977	65.7306	-2.2391
1563	1237	T302Rd x36.5x6.188	-13.5733	0.0076	0.0216	0.0729	0.4304	0.0237
1563	1237	2.7137%LL+1.3CF	352.4228	-0.4601	0.3710	-0.5677	-2.0960	-1.1216
1563	1240	2.7137%LL+1.3CF	-352.4228	0.4601	-0.3710	0.5677	1.2377	-0.5629
1563	1240	T302Rd x36.5x6.188	13.5733	-0.0076	-0.0216	-0.0729	-0.5096	0.0043
1564	1238	2.7137%LL+1.3CF	-967.3284	-2.1523	-6.8583	-2.5603	-46.9706	-4.9502
1564	1238	T302Rd x36.5x6.188	26.9398	0.0504	0.1270	0.2900	8.9359	0.1310
1564	1241	T302Rd x36.5x6.188	-26.9398	-0.0504	-0.1270	-0.2900	-7.0067	0.0534
1564	1241	2.7137%LL+1.3CF	967.3284	2.1523	6.8583	2.5603	77.6898	-2.8295
1566	1240	T302Rd x36.5x6.188	-12.8967	0.0069	-0.0296	0.0779	0.3082	0.0213
1566	1240	2.7137%LL+1.3CF	326.4273	-0.4910	0.0442	-0.0170	-0.6227	-1.1914
1566	1243	2.7137%LL+1.3CF	-326.4273	0.4910	-0.0442	0.0170	3.4609	-0.0061
1566	1243	T302Rd x36.5x6.188	12.8967	-0.0069	0.0296	-0.0779	-0.3969	0.0038
1567	1241	2.7137%LL+1.3CF	-919.0435	-2.4090	8.1427	-1.8326	-77.4890	-5.2680
1567	1241	T302Rd x36.5x6.188	25.3673	0.0531	-0.3224	0.2973	7.0023	0.1220
1567	1244	T302Rd x36.5x6.188	-25.3673	-0.0531	0.3224	-0.2973	-5.8221	0.0724
1567	1244	2.7137%LL+1.3CF	919.0435	2.4090	-8.1427	1.8326	47.6777	-3.5516
1569	1243	T302Rd x36.5x6.188	-12.1051	0.0078	0.0604	0.0784	0.3978	0.0218
1569	1243	2.7137%LL+1.3CF	303.1090	-0.5463	0.6406	-0.5849	-3.8956	-1.2804
1569	1246	2.7137%LL+1.3CF	-303.1090	0.5463	-0.6406	0.5849	1.9501	-0.7398
1569	1246	T302Rd x36.5x6.188	12.1051	-0.0078	-0.0604	-0.0784	-0.6191	0.0069
1570	1244	2.7137%LL+1.3CF	-841.0192	-2.2998	23.8858	-1.4485	-47.8828	-5.3421
1570	1244	T302Rd x36.5x6.188	24.1018	-0.0029	-0.7463	0.3020	5.8232	0.0668
1570	1247	T302Rd x36.5x6.188	-24.1018	0.0029	0.7463	-0.3020	-3.0907	-0.0772
1570	1247	2.7137%LL+1.3CF	841.0192	2.2998	-23.8858	1.4485	-30.8927	-5.0777
1576	1246	T302Rd x36.5x6.188	-10.9194	0.0147	-0.1628	0.0977	0.8781	0.0364
1576	1246	2.7137%LL+1.3CF	274.8191	-0.5849	0.2772	-0.6423	-3.1083	-1.2733
1576	1248	2.7137%LL+1.3CF	-274.8191	0.5849	-0.2772	0.6423	2.1496	-0.7648

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1576	1249	T302Rd x36.5x6.188	10.9194	-0.0147	0.1628	-0.0977	-0.2621	0.0173
1577	1247	2.7137%LL+1.3CF	-760.3673	-2.8271	-18.8031	-2.9788	38.0629	-5.3609
1577	1247	T302Rd x36.5x6.188	21.8679	0.0320	0.5403	0.3810	3.5408	0.0429
1577	1250	T302Rd x36.5x6.188	-21.8679	-0.0320	-0.5403	-0.3810	-4.5978	0.0791
1577	1250	2.7137%LL+1.3CF	760.3673	2.8271	18.8031	2.9788	30.7775	-4.2574
1579	1249	T302Rd x36.5x6.188	-8.5239	0.0118	0.0084	0.0981	0.2800	0.0083
1579	1249	2.7137%LL+1.3CF	242.9066	-0.6245	0.3594	-0.6897	-2.1195	-1.3278
1579	1252	2.7137%LL+1.3CF	-242.9066	0.6245	-0.3594	0.6897	0.8037	-0.9587
1579	1252	T302Rd x36.5x6.188	8.5239	-0.0118	-0.0084	-0.0981	-0.3143	0.0143
1580	1250	2.7137%LL+1.3CF	-677.3171	-2.9486	-6.1525	-2.6372	-31.3660	-6.1038
1580	1250	T302Rd x36.5x6.188	19.3180	0.0964	-0.0115	0.3847	4.8001	0.1891
1580	1253	T302Rd x36.5x6.188	-19.3180	-0.0964	0.0115	-0.3847	-4.5080	0.1271
1580	1253	2.7137%LL+1.3CF	677.3171	2.9486	6.1525	2.6372	53.8910	-4.8916
1582	1252	T302Rd x36.5x6.188	-8.2141	0.0112	-0.0242	0.1011	0.3125	0.0259
1582	1252	2.7137%LL+1.3CF	212.3096	-0.6320	0.2606	-0.7439	-1.7178	-1.3110
1582	1255	2.7137%LL+1.3CF	-212.3096	0.6320	-0.2606	0.7439	0.7636	-1.0030
1582	1255	T302Rd x36.5x6.188	8.2141	-0.0112	0.0242	-0.1011	-0.2240	0.0152
1583	1253	2.7137%LL+1.3CF	-583.9526	-3.1527	4.8794	-2.3037	-54.2626	-6.3217
1583	1253	T302Rd x36.5x6.188	16.8316	0.0885	-0.3211	0.3695	4.5601	0.1743
1583	1256	T302Rd x36.5x6.188	-16.8316	-0.0885	0.3211	-0.3695	-5.5846	0.1498
1583	1256	2.7137%LL+1.3CF	583.9526	3.1527	-4.8794	2.3037	36.0325	-5.2207
1585	1255	T302Rd x36.5x6.188	-6.8300	0.0140	-0.0117	0.1014	0.2225	0.0298
1585	1258	2.7137%LL+1.3CF	176.0724	-0.6837	0.7505	-0.7729	-1.7239	-1.3666
1585	1258	2.7137%LL+1.3CF	-176.0724	0.6837	-0.7505	0.7729	-1.0248	-1.1365
1585	1259	T302Rd x36.5x6.188	6.8300	-0.0140	0.0117	-0.1014	-0.1797	0.0225
1586	1256	2.7137%LL+1.3CF	-486.4112	-2.8613	14.5675	-2.0029	-55.4613	-6.0534
1586	1256	T302Rd x36.5x6.188	14.3334	0.0210	-0.5866	0.3825	3.3863	0.1062
1586	1259	T302Rd x36.5x6.188	-14.3334	-0.0210	0.5866	-0.3825	-1.2366	-0.0283
1586	1259	2.7137%LL+1.3CF	486.4112	2.8613	-14.5675	2.0029	-17.8820	-4.4221
1592	1258	T302Rd x36.5x6.188	-5.3883	0.0189	-0.1295	0.1019	0.4678	0.0400
1592	1258	2.7137%LL+1.3CF	143.0290	-0.6702	-0.8376	-0.3921	-0.5766	-1.3624
1592	1261	2.7137%LL+1.3CF	-143.0290	0.6702	0.8376	0.3921	3.8433	-1.0913
1592	1261	T302Rd x36.5x6.188	5.3883	-0.0189	0.1295	-0.1019	-0.0360	0.0290
1593	1259	2.7137%LL+1.3CF	-382.0390	-2.6259	-8.3442	-2.9411	15.1920	-5.0827

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1593	1259	T302R4: s36.5-6.188	10.9725	0.0364	0.0670	0.4178	1.5417	0.0947
1593	1262	T302R4: s36.5-6.188	-10.9725	-0.0364	-0.0670	-0.4178	-1.5602	0.1056
1593	1262	2.7137(LL+I.3CF	902.0266	2.6259	8.2440	2.9411	14.9804	-4.6110
1595	1261	T302R4: s36.5-6.188	-3.8858	0.2141	-0.0127	0.0665	0.0369	0.0295
1595	1261	2.7137(LL+I.3CF	102.7160	-0.6172	0.4547	-0.6648	-3.6308	-1.2873
1595	1264	2.7137(LL+I.3CF	-102.7160	0.6172	-0.4547	0.6648	1.9663	-0.9725
1595	1264	T302R4: s36.5-6.188	3.8858	-0.0141	0.0137	-0.0666	0.0022	0.0218
1596	1262	2.7137(LL+I.3CF	-282.3643	-3.8249	-2.0710	-2.6786	-15.0574	-6.7716
1596	1262	T302R4: s36.5-6.188	8.0346	0.1165	-0.0609	0.4161	1.8624	0.2239
1596	1265	T302R4: s36.5-6.188	-8.0346	-0.1165	0.0609	-0.4161	-1.5681	0.2027
1596	1265	2.7137(LL+I.3CF	282.3643	3.8249	2.0710	2.6786	22.5896	-6.4896
1596	1264	T302R4: s36.5-6.188	-2.6572	0.0300	0.0189	0.1048	0.0041	0.0502
1596	1264	2.7137(LL+I.3CF	81.8717	-1.0981	-0.3300	-0.8184	-1.5483	-1.9073
1596	1267	2.7137(LL+I.3CF	-81.8717	1.0981	0.3300	0.8184	5.1595	-2.1129
1596	1267	T302R4: s36.5-6.188	2.6572	-0.0300	-0.0189	-0.1048	-0.0734	0.0099
1596	1268	2.7137(LL+I.3CF	-174.9597	-3.8446	2.0695	-2.5748	-22.0999	-6.4885
1596	1268	T302R4: s36.5-6.188	4.7061	0.0955	-0.1936	0.4104	1.5679	0.1716
1596	1268	T302R4: s36.5-6.188	-4.7061	-0.0955	0.1936	-0.4104	-0.8383	0.1782
1596	1268	2.7137(LL+I.3CF	174.9597	3.8446	-2.0695	2.5748	14.5232	-7.7730
1601	1267	T302R4: s36.5-6.188	-1.1361	0.0146	-0.0595	0.1007	0.0734	0.0186
1601	1267	2.7137(LL+I.3CF	38.4538	-0.4406	0.7286	-0.8758	-5.1565	-0.6880
1601	1270	2.7137(LL+I.3CF	-38.4538	0.4406	-0.7286	0.8758	0.4890	-0.9744
1601	1270	T302R4: s36.5-6.188	1.1361	-0.0146	0.0595	-0.1007	0.1443	0.0339
1602	1268	2.7137(LL+I.3CF	-18.7395	-2.8205	3.8007	-2.4530	-14.2909	-10.3263
1602	1268	T302R4: s34.5-6.188	0.7901	0.0688	-0.2220	0.4370	0.8138	0.2556
1602	1271	T302R4: s34.5-6.188	-0.7901	-0.0688	0.2220	-0.4370	0.0000	0.0000
1602	1271	2.7137(LL+I.3CF	18.7395	2.8205	-3.8007	2.4530	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips) Result Cases

2.7137(LL+I.3CF		

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1118	904	2.7137(LL+I.3CF	6.6651	0.0529	-0.7795	0.1870	2.8693	0.0917
1118	907	2.7137(LL+I.3CF	-6.6651	-0.0529	0.7735	-0.1870	-0.1682	0.1027
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1119	905	2.7137(LL+I.3CF	-16.4376	0.1429	-0.5484	-0.0973	0.0000	0.0000
1119	905	2.7137(LL+I.3CF	6.0785	0.2067	-0.5057	0.3591	0.0000	0.0000
1119	906	2.7137(LL+I.3CF	-6.0785	-0.2067	0.5057	-0.3591	1.7680	0.7217
1119	906	2.7137(LL+I.3CF	16.4376	-0.1429	0.5484	0.0973	1.8150	0.4969
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1121	907	2.7137(LL+I.3CF	40.5731	0.2862	-0.2897	0.3072	0.2694	0.5247
1121	910	2.7137(LL+I.3CF	-40.5731	-0.2862	0.2897	-0.3072	0.7223	0.4747
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1122	908	2.7137(LL+I.3CF	-67.5570	0.9451	-0.8853	0.4282	-5.9450	1.6329
1122	908	T302R4: s0.51.882; s0.97.288; s6.5-6.188	0.1795	0.0017	0.0273	-0.0148	0.1398	-0.0042
1122	911	T302R4: s0.51.882; s0.97.288; s6.5-6.188	-0.1795	-0.0017	-0.0273	0.0149	-0.2352	0.0103
1122	911	2.7137(LL+I.3CF	87.5570	-0.9431	0.8853	-0.4282	9.0396	1.6804
1124	910	T302R4: s0.95.046; s0.5-6.188	-0.1971	-0.0051	-0.0020	-0.0013	-0.0241	-0.0098
1124	910	2.7137(LL+I.3CF	54.8306	0.1807	0.1602	0.2990	-0.7115	0.2838
1124	913	2.7137(LL+I.3CF	-54.8306	-0.1807	-0.1602	-0.2990	0.1520	0.3471
1124	913	T302R4: s0.95.046; s0.5-6.188	0.1971	0.0051	0.0020	0.0012	0.0311	-0.0079
1125	911	2.7137(LL+I.3CF	-128.5353	1.2417	0.8503	0.6232	-10.8903	2.1519
1125	911	T302R4: s0.10.561; s3.5-6.188	0.2536	0.0061	0.0104	-0.0079	0.1495	0.0109
1125	914	T302R4: s0.10.561; s3.5-6.188	-0.2536	-0.0061	-0.0104	0.0079	-0.2018	0.0105
1125	914	2.7137(LL+I.3CF	128.5353	-1.2417	-0.8503	-0.6232	8.8193	2.1644
1127	913	T302R4: s0.95.046; s0.5-6.188	-0.1477	-0.0016	0.0239	-0.0014	-0.0311	-0.0025
1127	913	2.7137(LL+I.3CF	79.4496	0.1804	-0.8749	0.3044	-0.1628	0.2805
1127	916	2.7137(LL+I.3CF	-79.4496	-0.1804	0.8749	-0.3044	3.0672	0.5486
1127	916	T302R4: s0.95.046; s0.5-6.188	0.1477	0.0016	-0.0239	0.0014	-0.0525	-0.0030
1128	914	2.7137(LL+I.3CF	-185.1984	1.1240	5.8624	0.6258	-6.8064	1.9293
1128	914	T302R4: s0.45.046; s2.5-6.188	0.0967	-0.0123	0.0290	0.0002	0.0818	-0.0248
1128	917	T302R4: s0.45.046; s2.5-6.188	-0.0967	0.0123	-0.0290	-0.0002	-0.1796	-0.0179
1128	917	2.7137(LL+I.3CF	185.1984	-1.1240	-5.8624	-0.6258	-4.1831	1.9960

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1134	918	T352Rs: s0,t5.046; s0,h-6.168	-0.1964	-0.0008	-0.0229	0.0002	0.0532	-0.0013
1134	916	2.7137SLL+1.3CF	99.6205	0.1758	-0.2002	0.2824	-0.2082	0.2588
1134	918	2.7137SLL+1.3CF	-99.6205	-0.1758	0.2002	-0.2824	0.8082	0.3553
1134	919	T352Rs: s0,t5.046; s0,h-6.168	0.1964	0.0008	0.0229	-0.0002	0.0267	-0.0015
1135	917	2.7137SLL+1.3CF	-244.7052	0.9935	-6.1832	0.9136	8.5359	1.9000
1135	917	T352Rs: s0,t5.046; s2,h-6.168	0.3484	0.0005	0.0082	-0.0064	0.1531	0.0012
1135	920	T352Rs: s0,t5.046; s2,h-6.168	-0.3484	-0.0005	-0.0082	0.0064	-0.1818	0.0007
1135	920	2.7137SLL+1.3CF	244.7052	-0.9935	6.1832	-0.9136	20.0399	1.8984
1137	919	T352Rs: s0,t5.046; s0,h-6.168	-0.1063	-0.0004	0.0063	-0.0002	-0.0267	-0.0006
1137	918	2.7137SLL+1.3CF	118.0716	0.1356	-0.0864	0.2722	-0.9346	0.1748
1137	922	2.7137SLL+1.3CF	-118.0716	-0.1356	0.0864	-0.2722	1.2784	0.2987
1137	922	T352Rs: s0,t5.046; s0,h-6.168	0.1063	0.0004	-0.0063	0.0002	0.0046	-0.0009
1138	920	2.7137SLL+1.3CF	-294.1423	1.0260	-5.0059	0.8018	-20.2046	1.7010
1138	920	T352Rs: s0,t5.046; s0,h-6.168	0.3550	-0.0013	0.0004	-0.0004	0.0010	-0.0023
1138	923	T352Rs: s0,t5.046; s0,h-6.168	-0.3550	0.0013	-0.0004	0.0004	-0.0025	-0.0021
1138	923	2.7137SLL+1.3CF	294.1423	-1.0260	3.0059	-0.8018	30.7016	1.8820
1140	922	T352Rs: s0,t3.925; s0,h-6.168	-0.1054	-0.0005	0.0015	0.0008	-0.0048	-0.0009
1140	922	2.7137SLL+1.3CF	136.5356	0.1462	0.2985	0.2459	-1.2873	0.1743
1140	925	2.7137SLL+1.3CF	-136.5356	-0.1462	-0.2985	-0.2459	0.3498	0.3152
1140	925	T352Rs: s0,t3.925; s0,h-6.168	0.1054	0.0005	-0.0010	-0.0006	0.0012	-0.0009
1141	923	2.7137SLL+1.3CF	-339.0117	0.8709	3.0619	0.5774	-30.8172	1.3975
1141	923	T352Rs: s0,t5.046; s0,h-6.168	0.3968	-0.0008	-0.0069	0.0003	0.0024	-0.0011
1141	926	T352Rs: s0,t5.046; s0,h-6.168	-0.3968	0.0008	0.0069	-0.0003	0.0215	-0.0016
1141	926	2.7137SLL+1.3CF	339.0117	-0.8709	-3.0619	-0.5774	20.1249	1.8439
1143	925	T352Rs: s0,t3.925; s0,h-6.168	-0.0931	-0.0004	-0.0030	0.0005	-0.0012	-0.0006
1143	925	2.7137SLL+1.3CF	155.8273	0.1134	-1.2928	0.2512	-0.4753	0.1279
1143	928	2.7137SLL+1.3CF	-155.8273	-0.1134	1.2928	-0.2512	4.9900	0.2661
1143	928	T352Rs: s0,t3.925; s0,h-6.168	0.0931	0.0004	0.0030	-0.0005	0.0117	-0.0007
1144	928	2.7137SLL+1.3CF	-383.5573	0.8570	10.0872	0.5730	-20.3677	1.3590
1144	928	T352Rs: s0,t5.046; s0,h-6.168	0.4393	-0.0007	-0.0153	0.0007	-0.0216	-0.0013
1144	929	T352Rs: s0,t5.046; s0,h-6.168	-0.4393	0.0007	0.0153	-0.0007	0.0749	-0.0011
1144	929	2.7137SLL+1.3CF	383.5573	-0.8570	-10.0872	-0.5730	-14.8579	1.8339
1150	928	T352Rs: s0,t3.925; s0,h-6.168	-0.0707	0.0000	0.0027	0.0002	-0.0092	0.0001
1150	928	2.7137SLL+1.3CF	172.0839	0.1440	0.4370	0.2564	-2.2088	0.1722

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1150	931	2.7137SLL+1.3CF	-172.0839	-0.1440	-0.4370	-0.2564	0.4629	0.3307
1150	931	T352Rs: s0,t3.925; s0,h-6.168	0.0707	0.0000	-0.0027	-0.0002	-0.0003	0.0000
1151	929	2.7137SLL+1.3CF	-426.3115	0.7369	-13.3429	0.5210	17.7917	1.0098
1151	929	T352Rs: s0,t5.046; s0,h-6.168	0.4373	0.0011	0.0153	-0.0001	-0.0749	0.0019
1151	932	T352Rs: s0,t5.046; s0,h-6.168	-0.4373	-0.0011	-0.0153	0.0001	0.0212	0.0018
1151	932	2.7137SLL+1.3CF	426.3115	-0.7369	13.3429	-0.5210	28.8830	1.5135
1153	931	T352Rs: s0,t2.804; s0,h-6.168	-0.0286	-0.0001	-0.0015	0.0003	0.0037	-0.0002
1153	931	2.7137SLL+1.3CF	184.5300	0.1035	-0.1371	0.2164	-1.0650	0.0886
1153	934	2.7137SLL+1.3CF	-184.5300	-0.1035	0.1371	-0.2164	1.5439	0.2727
1153	934	T352Rs: s0,t2.804; s0,h-6.168	0.0286	0.0001	0.0015	-0.0003	0.0014	-0.0002
1154	932	2.7137SLL+1.3CF	-464.6095	0.8466	-4.7329	0.4897	-28.6447	1.3097
1154	932	T352Rs: s0,t5.046; s0,h-6.168	0.3950	0.0011	0.0069	0.0000	-0.0212	0.0020
1154	935	T352Rs: s0,t5.046; s0,h-6.168	-0.3950	-0.0011	-0.0069	0.0000	-0.0024	0.0018
1154	935	2.7137SLL+1.3CF	464.6095	-0.8466	4.7329	-0.4897	45.1712	1.8467
1156	934	T352Rs: s0,t2.804; s0,h-6.168	-0.0168	-0.0001	-0.0001	0.0002	-0.0015	-0.0002
1156	934	2.7137SLL+1.3CF	198.4237	0.1302	0.2227	0.2010	-1.5481	0.1238
1156	937	2.7137SLL+1.3CF	-198.4237	-0.1302	-0.2227	-0.2010	0.7714	0.3308
1156	937	T352Rs: s0,t2.804; s0,h-6.168	0.0188	0.0001	0.0001	-0.0002	0.0019	-0.0002
1157	935	2.7137SLL+1.3CF	-500.9739	0.8571	4.5363	0.4365	-46.2564	0.9949
1157	935	T352Rs: s0,t5.046; s0,h-6.168	0.3324	0.0011	-0.0008	0.0000	0.0024	0.0020
1157	938	T352Rs: s0,t5.046; s0,h-6.168	-0.3324	-0.0011	0.0008	0.0000	0.0002	0.0018
1157	938	2.7137SLL+1.3CF	500.9739	-0.8571	-4.5363	-0.4365	29.4151	1.3099
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1159	937	2.7137SLL+1.3CF	214.4491	0.0622	-1.3157	0.2139	-0.7936	0.0093
1159	940	2.7137SLL+1.3CF	-214.4491	-0.0622	1.3157	-0.2139	6.5767	0.2079
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1160	938	2.7137SLL+1.3CF	-532.3269	0.8798	14.4089	0.4365	-29.8893	0.9858
1160	938	T352Rs: s0,t5.046; s0,h-6.168	0.2817	0.0011	-0.0073	0.0000	-0.0002	0.0018
1160	941	T352Rs: s0,t5.046; s0,h-6.168	-0.2817	-0.0011	0.0073	0.0000	0.0257	0.0018
1160	941	2.7137SLL+1.3CF	532.3269	-0.8798	-14.4089	-0.4365	-29.8881	1.3772
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1166	940	2.7137SLL+1.3CF	226.3677	0.0967	0.8640	0.1330	-4.1358	0.0671
1166	943	2.7137SLL+1.3CF	-226.3677	-0.0967	-0.8640	-0.1330	1.0486	0.2704
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1167	941	2.7137SLL+1.3CF	-661.3053	0.4205	-16.8140	0.3719	23.3360	0.4556
1167	941	T352R4: s0.W5.046; s0.N-E.168	0.2343	0.0009	0.0070	0.0000	-0.0260	0.0017
1167	944	T352R4: s0.W5.046; s0.N-E.168	-0.2343	-0.0009	-0.0070	0.0000	0.0017	0.0016
1167	944	2.7137SLL+1.3CF	561.3053	-0.4205	16.8140	-0.3719	35.3798	1.0129
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1168	943	2.7137SLL+1.3CF	233.4711	0.0564	-0.1664	0.1401	-1.3456	-0.0184
1168	946	2.7137SLL+1.3CF	-233.4711	-0.0564	0.1664	-0.1401	1.8268	0.2183
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1170	944	2.7137SLL+1.3CF	-585.3492	0.5583	-5.8472	0.3294	-94.9813	0.7629
1170	944	T352R4: s0.W5.046; s0.N-E.168	0.1890	0.0010	0.0023	0.0000	-0.0017	0.0017
1170	947	T352R4: s0.W5.046; s0.N-E.168	-0.1890	-0.0010	-0.0023	0.0000	-0.0065	0.0016
1170	947	2.7137SLL+1.3CF	585.3492	-0.5583	5.8472	-0.3294	95.4001	1.1969
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1172	946	2.7137SLL+1.3CF	242.3801	0.0902	0.4093	0.1209	-1.9540	0.0322
1172	949	2.7137SLL+1.3CF	-242.3801	-0.0902	-0.4093	-0.1209	0.5247	0.2827
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1173	947	2.7137SLL+1.3CF	-611.8188	0.4019	5.7375	0.2672	-95.8856	0.4939
1173	947	T352R4: s0.W5.046; s0.N-E.168	0.1443	0.0009	-0.0014	0.0000	0.0065	0.0016
1173	950	T352R4: s0.W5.046; s0.N-E.168	-0.1443	-0.0009	0.0014	0.0000	-0.0017	0.0015
1173	950	2.7137SLL+1.3CF	611.8188	-0.4019	-5.7375	-0.2672	95.8299	0.5080
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1175	949	2.7137SLL+1.3CF	253.9141	0.0189	-1.8188	0.1574	-0.5200	-0.0646
1175	952	2.7137SLL+1.3CF	-253.9141	-0.0189	1.8188	-0.1574	6.8715	0.1306
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1176	950	2.7137SLL+1.3CF	-631.3743	0.4380	17.6952	0.2534	-95.5785	0.5062
1176	950	T352R4: s0.W5.046; s0.N-E.168	0.1010	0.0009	-0.0042	-0.0001	0.0017	0.0016
1176	953	T352R4: s0.W5.046; s0.N-E.168	-0.1010	-0.0009	0.0042	0.0001	0.0130	0.0015
1176	953	2.7137SLL+1.3CF	631.3743	-0.4390	-17.6952	-0.2534	-26.2147	1.0247
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1182	952	2.7137SLL+1.3CF	260.2981	0.0688	1.2733	0.0591	-5.7104	0.0231
1182	955	2.7137SLL+1.3CF	-260.2981	-0.0688	-1.2733	-0.0591	1.2839	0.2373
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1183	953	2.7137SLL+1.3CF	-646.4239	0.1483	-19.2148	0.1684	27.4853	-0.0422
1183	953	T352R4: s0.W5.046; s0.N-E.168	0.0668	0.0005	0.0024	0.0000	-0.0133	0.0009

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1183	956	T352R4: s0.W5.046; s0.N-E.168	-0.0668	-0.0005	-0.0024	0.0000	0.0049	0.0009
1183	956	2.7137SLL+1.3CF	646.4239	-0.1483	19.2148	-0.1684	38.8180	0.5821
1185	955	T352R4: s0.N-E.168	-0.0036	0.0000	0.0001	0.0000	-0.0004	0.0000
1185	955	2.7137SLL+1.3CF	261.3470	0.0031	-0.3739	0.0629	-1.2393	-0.1239
1185	958	2.7137SLL+1.3CF	-261.3470	-0.0031	0.3739	-0.0629	2.5651	0.1348
1185	958	T352R4: s0.N-E.168	0.0036	0.0000	-0.0001	0.0000	0.0000	0.0000
1186	956	2.7137SLL+1.3CF	467.5972	0.2716	-6.4684	0.1389	-58.9274	0.2330
1186	956	T352R4: s0.W5.046; s0.N-E.168	0.0421	0.0005	0.0010	0.0000	-0.0049	0.0009
1186	959	T352R4: s0.W5.046; s0.N-E.168	-0.0421	-0.0005	-0.0010	0.0000	0.0013	0.0009
1186	959	2.7137SLL+1.3CF	657.5972	-0.2716	6.4684	-0.1389	61.5854	0.7154
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1188	959	2.7137SLL+1.3CF	263.8843	0.0450	0.4793	0.0235	-2.4798	-0.0554
1188	961	2.7137SLL+1.3CF	-263.8843	-0.0450	-0.4793	-0.0235	0.8230	0.2125
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1189	959	2.7137SLL+1.3CF	-664.7741	0.0562	6.2103	0.0602	-61.5567	-0.1348
1189	959	T352R4: s0.W5.046; s0.N-E.168	0.0181	0.0005	0.0002	-0.0001	-0.0013	0.0008
1189	962	T352R4: s0.W5.046; s0.N-E.168	-0.0181	-0.0005	-0.0002	0.0001	0.0008	0.0008
1189	962	2.7137SLL+1.3CF	664.7741	-0.0562	-6.2103	-0.0602	39.9706	0.3309
1191	961	T352R4: s0.N-E.168; s0.N-0.561	-0.0046	-0.0001	-0.0003	0.0001	0.0003	-0.0001
1191	961	2.7137SLL+1.3CF	270.4553	-0.0198	-1.8364	0.0523	-0.9606	-0.1553
1191	964	2.7137SLL+1.3CF	-270.4553	0.0198	1.8364	-0.0523	6.8791	0.0960
1191	964	T352R4: s0.N-E.168; s0.N-0.561	0.0046	0.0001	0.0003	-0.0001	0.0606	-0.0001
1192	962	2.7137SLL+1.3CF	-667.9302	0.1124	19.0183	0.0458	-39.6552	-0.0859
1192	962	T352R4: s0.N-E.168; s0.R3.825	0.0302	0.0005	-0.0013	0.0001	-0.0009	0.0009
1192	965	T352R4: s0.N-E.168; s0.R3.825	-0.0302	-0.0005	0.0013	-0.0001	0.0053	0.0009
1192	965	2.7137SLL+1.3CF	667.9302	-0.1124	-19.0183	-0.0458	-26.5593	0.4788
1196	964	T352R4: s0.N-E.168	-0.0035	0.0000	0.0000	0.0000	0.0001	0.0000
1196	964	2.7137SLL+1.3CF	268.9606	0.0263	1.5181	-0.0546	-6.4116	-0.0801
1196	967	2.7137SLL+1.3CF	-268.9606	-0.0263	-1.5181	0.0546	1.1104	0.1720
1196	967	T352R4: s0.N-E.168	0.0035	0.0000	0.0000	0.0000	-0.0001	0.0000
1196	965	2.7137SLL+1.3CF	-670.8127	-0.1213	-19.0506	-0.0545	39.7649	-0.4679
1196	965	T352R4: s0.N-E.168; s0.R3.825	0.0121	0.0002	0.0006	-0.0001	-0.0053	0.0004
1196	968	T352R4: s0.N-E.168; s0.R3.825	-0.0121	-0.0002	-0.0006	0.0001	0.0032	0.0004
1196	968	2.7137SLL+1.3CF	670.8127	0.1213	19.0506	0.0545	39.7625	0.0644

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1201	967	T3525Rx ±0.5xLL1SB	-0.0035	0.0000	0.0000	0.0000	0.0001	0.0000
1201	967	2.7137SLL+1.3CF	264.2912	-0.0478	-0.4033	-0.0420	-1.1017	-0.2182
1201	970	2.7137SLL+1.3CF	-264.2912	0.0478	0.4033	0.0420	2.5101	0.0483
1201	970	T3525Rx ±0.5xLL1SB	0.0035	0.0000	0.0000	0.0000	-0.0001	0.0000
1202	968	2.7137SLL+1.3CF	-666.8547	-0.0743	-6.1972	-0.0695	-39.7783	-0.3673
1202	968	T3525Rx ±0.5xLL1SB, ±0.1G.SDS	0.0007	0.0002	0.0003	0.0000	-0.0033	0.0004
1202	971	T3525Rx ±0.5xLL1SB, ±0.1G.SDS	-0.0007	-0.0002	-0.0003	0.0000	0.0023	0.0004
1202	971	2.7137SLL+1.3CF	666.8547	0.0743	6.1972	0.0695	61.4184	0.1080
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1204	970	2.7137SLL+1.3CF	261.2046	-0.0058	0.5260	-0.0608	-2.5076	-0.1599
1204	973	2.7137SLL+1.3CF	-261.2046	0.0058	-0.5260	0.0609	0.6706	0.1187
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1205	971	2.7137SLL+1.3CF	-857.9644	-0.2842	6.5070	-0.1609	-61.4221	-0.7418
1205	971	T3525Rx ±0.5xLL1SB	0.0007	0.0000	-0.0002	0.0000	0.0025	0.0001
1205	974	T3525Rx ±0.5xLL1SB	-0.0007	0.0000	0.0002	0.0000	-0.0019	0.0001
1205	974	2.7137SLL+1.3CF	857.9644	0.2842	-6.5070	0.1609	38.8892	-0.2527
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1207	973	2.7137SLL+1.3CF	259.6621	-0.0650	-1.5484	-0.0484	-0.6829	-0.2521
1207	976	2.7137SLL+1.3CF	-259.6621	0.0650	1.5484	0.0484	6.0691	0.0050
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1208	974	2.7137SLL+1.3CF	-846.2833	-0.1567	19.0315	-0.2054	-38.6884	-0.5739
1208	974	T3525Rx ±0.5xLL1SB	0.0084	0.0000	-0.0003	0.0000	0.0019	0.0000
1208	977	T3525Rx ±0.5xLL1SB	-0.0084	0.0000	0.0003	0.0000	-0.0058	0.0000
1208	977	2.7137SLL+1.3CF	846.2833	0.1567	-19.0315	0.2054	-27.7714	0.0266
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1214	979	2.7137SLL+1.3CF	255.2603	-0.0130	1.7747	-0.1411	-6.9602	-0.1409
1214	979	2.7137SLL+1.3CF	-255.2603	0.0130	-1.7747	0.1411	0.7628	0.0956
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1215	977	2.7137SLL+1.3CF	-633.9068	-0.4444	-17.7327	-0.2436	26.1481	-1.0324
1215	977	T3525Rx ±0.5xLL1SB	0.0076	0.0000	0.0002	0.0001	0.0010	0.0000
1215	980	T3525Rx ±0.5xLL1SB	-0.0076	0.0000	-0.0002	-0.0001	-0.0016	0.0000
1215	980	2.7137SLL+1.3CF	633.9068	0.4444	17.7327	0.2436	35.7762	-0.5195
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1217	979	2.7137SLL+1.3CF	342.9850	-0.0900	-0.4365	-0.1268	-0.4488	-0.2819

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1217	982	2.7137SLL+1.3CF	-342.9850	0.0900	0.4365	0.1268	1.8830	-0.0323
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1218	980	2.7137SLL+1.3CF	-614.2112	-0.4060	-5.7373	-0.2853	-35.7945	-0.8238
1218	980	T3525Rx ±0.5xLL1SB	0.0072	0.0000	0.0000	0.0001	0.0018	0.0000
1218	983	T3525Rx ±0.5xLL1SB	-0.0072	0.0000	0.0000	-0.0001	-0.0016	0.0000
1218	983	2.7137SLL+1.3CF	614.2112	0.4060	5.7373	0.2853	55.8256	-0.4941
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1220	982	2.7137SLL+1.3CF	234.0741	-0.0027	0.2867	-0.1461	-1.9928	-0.2091
1220	985	2.7137SLL+1.3CF	-234.0741	0.0027	-0.2867	0.1461	0.9913	0.0249
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1221	983	2.7137SLL+1.3CF	-586.1950	-0.5431	5.7883	-0.3541	-55.8008	-1.1648
1221	983	T3525Rx ±0.5xLL1SB	0.0066	0.0000	-0.0001	0.0001	0.0018	0.0000
1221	988	T3525Rx ±0.5xLL1SB	-0.0066	0.0000	0.0001	-0.0001	-0.0012	0.0000
1221	986	2.7137SLL+1.3CF	586.1950	0.5431	-5.7883	0.3541	35.3870	-0.7321
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1223	985	2.7137SLL+1.3CF	226.8679	-0.0961	-0.9636	-0.1332	-1.1109	-0.2712
1223	988	2.7137SLL+1.3CF	-226.8679	0.0961	0.9636	0.1332	4.4760	-0.0645
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1224	986	2.7137SLL+1.3CF	-565.0119	-0.3836	16.8652	-0.3584	-35.3230	-0.9408
1224	989	T3525Rx ±0.5xLL1SB	0.0069	0.0000	-0.0002	0.0001	0.0012	0.0000
1224	989	T3525Rx ±0.5xLL1SB	-0.0069	0.0000	0.0002	-0.0001	-0.0003	0.0000
1224	989	2.7137SLL+1.3CF	565.0119	0.3836	-16.8652	0.3584	-23.5715	-0.3995
1230	988	T3525Rx ±0.5xLL1SB	-0.0031	0.0000	0.0001	0.0000	-0.0003	0.0000
1230	988	2.7137SLL+1.3CF	215.5701	-0.0622	1.7054	-0.2256	-6.4927	-0.2089
1230	991	2.7137SLL+1.3CF	-215.5701	0.0622	-1.7054	0.2256	0.5373	-0.0081
1230	991	T3525Rx ±0.5xLL1SB	0.0031	0.0000	-0.0001	0.0000	-0.0002	0.0000
1231	989	2.7137SLL+1.3CF	-536.2262	-0.5459	-14.5424	-0.4027	21.5830	-1.3266
1231	989	T3525Rx ±0.5xLL1SB	0.0053	0.0000	0.0001	0.0001	0.0007	0.0000
1231	992	T3525Rx ±0.5xLL1SB	-0.0053	0.0000	-0.0001	-0.0001	-0.0010	0.0000
1231	992	2.7137SLL+1.3CF	536.2262	0.5459	14.5424	0.4027	28.4695	-0.8291
1233	991	T3525Rx ±0.5xLL1SB	-0.0027	0.0000	0.0000	0.0000	0.0002	0.0000
1233	991	2.7137SLL+1.3CF	199.1181	-0.1282	-0.3043	-0.2031	-0.5098	-0.3273
1233	994	2.7137SLL+1.3CF	-199.1181	0.1282	0.3043	0.2031	1.5723	-0.1202
1233	994	T3525Rx ±0.5xLL1SB	0.0027	0.0000	0.0000	0.0000	-0.0001	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
1234	982	2.71375LL+1.3CF	-507.4241	-0.6559	-4.5861	-0.4413	-25.4879	-1.3163
1234	982	T352Rx s0.5-6.188	0.0048	0.0000	0.0000	0.0001	0.0010	0.0000
1234	985	T352Rx s0.5-6.188	-0.0049	0.0000	0.0000	-0.0001	-0.0010	0.0000
1234	985	2.71375LL+1.3CF	507.4241	0.6559	4.5861	0.4413	45.3031	-0.9740
1236	984	T352Rx s0.5-6.188	-0.0025	0.0000	0.0001	0.0000	0.0001	0.0000
1236	984	2.71375LL+1.3CF	186.1018	-0.0909	0.3577	-0.2158	-1.5249	-0.2517
1236	987	2.71375LL+1.3CF	-186.1018	0.0909	-0.2577	0.2158	0.6249	-0.0658
1236	987	T352Rx s0.5-6.188	0.0025	0.0000	-0.0001	0.0000	-0.0003	0.0000
1237	985	2.71375LL+1.3CF	-471.1470	-0.6258	4.8015	-0.5078	-45.4115	-1.8166
1237	985	T352Rx s0.5-6.188	0.0044	0.0000	-0.0001	0.0001	0.0010	0.0000
1237	988	T352Rx s0.5-6.188	-0.0044	0.0000	0.0001	-0.0001	-0.0007	0.0000
1237	988	2.71375LL+1.3CF	471.1470	0.6258	-4.8015	0.5078	28.8448	-1.2670
1239	987	T352Rx s0.5-6.188	-0.0025	0.0000	-0.0002	0.0000	0.0001	0.0000
1239	987	2.71375LL+1.3CF	173.0443	-0.1272	-0.7076	-0.1959	-0.6391	-0.2999
1239	1000	2.71375LL+1.3CF	-173.0443	0.1272	0.7076	0.1959	3.1100	-0.1444
1239	1000	T352Rx s0.5-6.188	0.0025	0.0000	0.0002	0.0000	0.0005	0.0000
1240	988	2.71375LL+1.3CF	-433.7037	-0.6457	13.4875	-0.5462	-28.8427	-1.4546
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1240	1001	2.71375LL+1.3CF	433.7037	0.6857	-13.4875	0.5462	-16.4569	-0.9539
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1246	1000	2.71375LL+1.3CF	155.7841	-0.1141	1.4871	-0.2798	-5.6427	-0.2694
1246	1003	2.71375LL+1.3CF	-155.7841	0.1141	-1.4871	0.2798	0.4146	-0.1299
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1247	1001	2.71375LL+1.3CF	-362.3206	-0.8684	-10.0562	-0.5583	15.1166	-1.5496
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1247	1004	2.71375LL+1.3CF	362.3206	0.8684	10.0562	0.5583	20.0001	-1.3830
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1248	1003	2.71375LL+1.3CF	136.2378	-0.1430	-0.2018	-0.2704	-0.2144	-0.3225
1248	1006	2.71375LL+1.3CF	-136.2378	0.1430	0.2018	0.2704	0.8190	-0.1771
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1250	1004	2.71375LL+1.3CF	-347.2848	-0.9556	-2.8769	-0.5856	-19.8205	-1.7629
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1250	1007	2.71375LL+1.3CF	347.2848	0.9556	2.8769	0.5856	29.8670	-1.5543
1252	1006	T352Rx s57.5-6.188	-0.0300	-0.0001	-0.0101	0.0033	0.0927	-0.0002
1252	1006	2.71375LL+1.3CF	116.9595	-0.1366	0.1362	-0.2721	-1.5114	-0.2959
1252	1008	2.71375LL+1.3CF	-116.9595	0.1366	-0.1362	0.2721	0.5287	-0.1910
1252	1009	T352Rx s57.5-6.188	0.0300	0.0001	0.0101	-0.0033	0.0047	-0.0002
1253	1007	2.71375LL+1.3CF	-300.4269	-1.0734	3.3534	-0.6288	-28.9187	-1.8748
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1253	1010	2.71375LL+1.3CF	300.4269	1.0734	-3.3534	0.6288	18.2082	-1.7701
1255	1009	T352Rx s56.5-6.188	-0.0514	-0.0006	0.0352	0.0035	-0.0040	-0.0012
1255	1009	2.71375LL+1.3CF	97.9649	-0.1523	-0.3149	-0.2545	-0.3783	-0.3294
1255	1012	2.71375LL+1.3CF	-97.9648	0.1523	0.3149	0.2545	1.4778	-0.2386
1255	1012	T352Rx s56.5-6.188	0.0514	0.0006	-0.0352	-0.0035	-0.1191	-0.0015
1258	1010	2.71375LL+1.3CF	-250.1057	-0.8763	8.6406	-0.6840	-18.2120	-1.8699
1258	1010	T352Rx s57.5-6.188	0.0022	-0.0011	-0.0066	0.0109	0.3188	-0.0022
1258	1013	T352Rx s57.5-6.188	-0.0022	0.0011	0.0065	-0.0109	-0.2962	-0.0016
1258	1013	2.71375LL+1.3CF	250.1057	0.8763	-8.6406	0.6840	-11.9817	-1.5465
1262	1012	T352Rx s56.5-6.188	-0.0462	0.0002	-0.0615	0.0062	0.1630	0.0005
1262	1012	2.71375LL+1.3CF	77.7650	-0.1469	1.2337	-0.2963	-4.3195	-0.2908
1262	1015	2.71375LL+1.3CF	-77.7650	0.1469	-1.2337	0.2963	0.0113	-0.2218
1262	1015	T352Rx s56.5-6.188	0.0462	-0.0002	0.0615	-0.0062	0.0019	0.0002
1263	1013	2.71375LL+1.3CF	-199.8080	-1.0769	-4.4758	-0.8161	9.8182	-1.9057
1263	1012	T352Rx s57.5-6.188	0.0808	-0.0002	-0.0245	0.0057	0.3451	-0.0006
1263	1016	T352Rx s57.5-6.188	-0.0808	0.0002	0.0245	-0.0057	-0.2395	0.0000
1263	1016	2.71375LL+1.3CF	199.8080	1.0769	4.4758	0.8161	7.0119	-1.8549
1265	1015	T352Rx s56.5-6.188	-0.0539	-0.0003	0.0096	0.0051	-0.0819	-0.0006
1265	1015	2.71375LL+1.3CF	53.6065	-0.1528	-0.2531	-0.2819	-0.0011	-0.3018
1265	1018	2.71375LL+1.3CF	-53.6065	0.1528	0.2531	0.2819	0.8848	-0.2319
1265	1018	T352Rx s56.5-6.188	0.0526	0.0003	-0.0096	-0.0051	0.0018	-0.0005
1266	1016	2.71375LL+1.3CF	-144.3874	-1.2308	-1.1517	-0.9400	-7.0251	-2.1685
1266	1018	T352Rx s57.5-6.188	0.0523	0.0009	-0.0250	0.0079	0.2596	0.0019
1266	1019	2.71375LL+1.3CF	144.3874	1.2308	1.1517	0.9400	11.0469	-2.1296

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1268	1016	2.7137(LL+1.3CF	40.8320	-0.2648	0.3530	-0.2380	-0.8243	-0.4427
1268	1021	2.7137(LL+1.3CF	-40.8320	0.2648	-0.3530	0.2380	-0.4085	-0.4818
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1269	1019	2.7137(LL+1.3CF	-72.4514	-0.9345	0.6984	-0.3100	-8.1035	-1.8458
1269	1019	T3(2)R4: a57,b8.168	0.0265	0.0002	-0.0253	0.0094	0.1725	0.0004
1269	1022	T3(2)R4: a57,b8.168	-0.0265	-0.0002	0.0253	-0.0094	-0.0842	0.0003
1269	1022	2.7137(LL+1.3CF	72.4514	0.8345	-0.6984	0.3100	5.8813	-1.8176
1271	1021	T3(2)R4: a0,b8.168	-0.0003	0.0000	-0.0001	0.0000	0.0001	0.0000
1271	1021	2.7137(LL+1.3CF	10.7486	-0.0755	0.5235	-0.2158	0.3717	-0.1319
1271	1024	2.7137(LL+1.3CF	-10.7486	0.0755	-0.5235	0.2158	-2.1988	-0.1319
1271	1024	T3(2)R4: a0,b8.168	0.0003	0.0000	0.0001	0.0000	0.0003	0.0000
1272	1022	2.7137(LL+1.3CF	-27.8304	-0.3502	1.5281	-0.4094	-5.3252	-1.2230
1272	1022	T3(2)R4: a57,b8.168	0.0128	0.0001	-0.0238	0.0111	0.0830	0.0005
1272	1025	T3(2)R4: a57,b8.168	-0.0128	-0.0001	0.0238	-0.0111	0.0000	0.0000
1272	1025	2.7137(LL+1.3CF	27.8304	0.3502	-1.5281	0.4094	0.0000	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips) Result Cases

2.7137(LL+1.3CF		

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
788	856	2.7137(LL+1.3CF	-1.7351	0.0114	-0.2980	0.0802	1.0596	0.0171
788	856	2.7137(LL+1.3CF	4.8767	0.0145	-0.2291	0.0489	0.8435	0.0225
788	861	2.7137(LL+1.3CF	-4.8767	-0.0145	0.2291	-0.0489	-0.0822	0.0257
788	861	2.7137(LL+1.3CF	1.7351	-0.0114	0.2980	-0.0802	-0.0696	0.0209
789	859	T3(2)R4: a24,b4.168; a4,t1.682	-26.7118	0.0668	-1.0040	0.0374	0.0000	0.0000
789	859	2.7137(LL+1.3CF	36.1423	0.1055	0.4421	0.2175	0.0000	0.0000
789	862	2.7137(LL+1.3CF	-36.1423	-0.1055	-0.4421	-0.2175	-1.4882	0.3007
789	862	T3(2)R4: a24,b4.168; a4,t1.682	26.7118	-0.0668	1.0040	-0.0374	3.3364	0.2221
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
791	861	2.7137(LL+1.3CF	23.5787	0.1286	-0.1611	0.1466	0.3057	0.2324

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
791	864	2.7137(LL+1.3CF	-23.5787	-0.1286	0.1611	-0.1466	0.2295	0.1951
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
792	862	2.7137(LL+1.3CF	-41.8140	0.2940	-0.3945	0.0699	-3.8803	0.3410
792	862	2.7137(LL+1.3CF	20.3670	0.2917	-0.3247	0.1578	1.6551	0.4575
792	865	2.7137(LL+1.3CF	-20.3670	-0.2917	0.3247	-0.1578	-0.5791	0.5120
792	865	2.7137(LL+1.3CF	41.8140	-0.2940	0.3945	-0.0699	4.8712	0.3368
794	864	T3(2)R4: a0,t1.682	-0.2463	-0.0035	-0.0003	-0.0008	-0.0127	-0.0066
794	864	2.7137(LL+1.3CF	28.8191	0.0725	0.1682	0.1409	-0.2325	0.1112
794	867	2.7137(LL+1.3CF	-28.8191	-0.0725	-0.1682	-0.1408	-0.3188	0.1287
794	867	T3(2)R4: a0,t1.682	0.2463	0.0035	0.0003	0.0008	0.0135	-0.0051
795	865	2.7137(LL+1.3CF	-58.7532	0.2139	0.6193	0.0764	-5.2766	0.3704
795	865	2.7137(LL+1.3CF	4.4215	0.1890	-0.4218	0.0743	0.8329	0.3184
795	868	2.7137(LL+1.3CF	-4.4215	-0.1890	0.4218	-0.0743	0.5688	0.3117
795	868	2.7137(LL+1.3CF	58.7532	-0.2139	-0.6193	-0.0764	3.2187	0.3381
797	867	T3(2)R4: a0,t1.682	-0.1946	-0.0010	0.0153	-0.0008	-0.0136	-0.0014
797	867	2.7137(LL+1.3CF	43.3260	0.0636	-1.1972	0.1534	0.3639	0.0992
797	870	2.7137(LL+1.3CF	-43.3260	-0.0636	1.1972	-0.1534	3.8145	0.1135
797	870	T3(2)R4: a0,t1.682	0.1946	0.0010	-0.0153	0.0008	-0.0372	-0.0018
798	868	2.7137(LL+1.3CF	-81.3441	0.3049	1.7573	0.1233	-3.1840	0.5311
798	868	2.7137(LL+1.3CF	0.4507	-0.0011	-0.0410	0.0139	-0.1858	-0.0032
798	871	2.7137(LL+1.3CF	-0.4507	0.0011	0.0410	-0.0139	0.3219	-0.0005
798	871	2.7137(LL+1.3CF	81.3441	-0.3049	-1.7573	-0.1233	-2.8558	0.4822
804	870	T3(2)R4: a0,t1.682	-0.2583	-0.0005	-0.0152	0.0000	0.0365	-0.0007
804	870	2.7137(LL+1.3CF	53.6606	0.0719	0.1269	0.1302	-0.5928	0.1064
804	873	2.7137(LL+1.3CF	-53.6606	-0.0719	-0.1269	-0.1302	0.1710	0.1322
804	873	T3(2)R4: a0,t1.682	0.2583	0.0005	0.0152	0.0000	0.0144	-0.0009
805	871	2.7137(LL+1.3CF	-106.8586	0.3425	-3.9903	0.1789	3.9086	0.5062
805	871	2.7137(LL+1.3CF	0.3863	0.0011	-0.0027	0.0028	-0.0150	0.0014
805	874	2.7137(LL+1.3CF	-0.3863	-0.0011	0.0027	-0.0028	0.0240	0.0020
805	874	2.7137(LL+1.3CF	106.8586	-0.3425	3.9903	-0.1789	9.3515	0.6318
807	873	T3(2)R4: a0,t1.682	-0.1917	-0.0002	0.0039	-0.0001	-0.0143	-0.0003
807	873	2.7137(LL+1.3CF	62.9672	0.0545	-0.1752	0.1390	-0.1949	0.0718
807	876	2.7137(LL+1.3CF	-62.9672	-0.0545	0.1752	-0.1390	0.7470	0.1093
807	876	T3(2)R4: a0,t1.682	0.1917	0.0002	-0.0039	0.0001	0.0013	-0.0004

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
608	674	2.7137SLL+1.3CF	-133.2580	0.4609	-1.8727	0.2082	-11.1270	0.7640
608	674	T3523Rd: s0.01.682; s0.fv6.168	0.3665	-0.0006	-0.0021	-0.0003	0.0090	-0.0011
608	677	T3523Rd: s0.01.682; s0.fv6.168	-0.3665	0.0006	0.0021	0.0003	-0.0909	-0.0010
608	677	2.7137SLL+1.3CF	133.2580	-0.4609	1.8727	-0.2082	18.8855	0.7677
610	676	T3523Rd: s0.01.682	-0.1810	-0.0003	-0.0008	-0.0001	-0.0012	-0.0005
610	676	2.7137SLL+1.3CF	71.7688	0.3460	0.3102	0.1299	-0.7890	0.3958
610	679	2.7137SLL+1.3CF	-71.7688	-0.3460	-0.3102	-0.1299	-0.2419	0.1334
610	679	T3523Rd: s0.01.682	0.1810	0.0003	0.0006	0.0001	0.0031	-0.0006
611	677	2.7137SLL+1.3CF	-157.5925	0.3966	1.3029	0.1685	-16.7903	0.8514
611	677	T3523Rd: s0.01.682; s0.fv6.168	0.4181	-0.0004	-0.0105	0.0002	0.0509	-0.0005
611	680	T3523Rd: s0.01.682; s0.fv6.168	-0.4181	0.0004	0.0105	-0.0002	-0.0160	-0.0009
611	680	2.7137SLL+1.3CF	157.5925	-0.3966	-1.3029	-0.1685	12.4507	0.8866
613	679	T3523Rd: s0.01.682	-0.1968	-0.0002	0.0027	-0.0001	-0.0031	-0.0002
613	679	2.7137SLL+1.3CF	86.0782	0.0436	-1.8501	0.1886	0.1928	0.0472
613	682	2.7137SLL+1.3CF	-86.0782	-0.0436	1.8501	-0.1886	5.9651	0.0976
613	682	T3523Rd: s0.01.682	0.1968	0.0002	-0.0027	0.0001	-0.0059	-0.0004
614	680	2.7137SLL+1.3CF	-179.0139	0.3460	4.8887	0.1119	-12.3758	0.5804
614	680	T3523Rd: s0.01.682; s0.fv6.168	0.4428	-0.0003	-0.0197	0.0005	0.0180	-0.0005
614	683	T3523Rd: s0.01.682; s0.fv6.168	-0.4428	0.0003	0.0197	-0.0005	0.0496	-0.0004
614	683	2.7137SLL+1.3CF	179.0139	-0.3460	-4.8997	-0.1115	-3.2417	0.5883
620	682	T3523Rd: s0.01.682	-0.1378	0.0000	-0.0025	0.0000	0.0056	0.0000
620	682	2.7137SLL+1.3CF	95.8196	0.0595	0.7640	0.1126	-2.8158	0.3709
620	685	2.7137SLL+1.3CF	-95.8196	-0.0595	-0.7640	-0.1126	0.2770	0.1368
620	685	T3523Rd: s0.01.682	0.1378	0.0000	0.0025	0.0000	0.0029	-0.0001
621	683	2.7137SLL+1.3CF	-202.1260	0.2910	-6.9656	0.2525	5.8063	0.4025
621	683	T3523Rd: s0.01.682; s0.fv6.168	0.4349	0.0007	0.0145	-0.0002	-0.0496	0.0012
621	686	T3523Rd: s0.01.682; s0.fv6.168	-0.4349	-0.0007	-0.0145	0.0002	0.0013	0.0012
621	686	2.7137SLL+1.3CF	202.1260	-0.2910	6.9656	-0.2525	17.3409	0.5646
623	685	T3523Rd: s0.fv3.561; s0.fr3.825	-0.1095	-0.0002	0.0001	0.0000	-0.0015	-0.0003
623	685	2.7137SLL+1.3CF	102.2092	0.0403	-0.3627	0.1312	-0.2938	0.0299
623	688	2.7137SLL+1.3CF	-102.2092	-0.0403	0.3627	-0.1312	1.4888	0.1040
623	688	T3523Rd: s0.fv3.561; s0.fr3.825	0.1095	0.0002	-0.0001	0.0000	0.0011	-0.0003
624	688	2.7137SLL+1.3CF	-221.8395	0.3718	-2.5844	0.1873	-17.3448	0.8022
624	688	T3523Rd: s0.01.682; s0.fv6.168	0.3871	0.0008	0.0055	0.0000	-0.0013	0.0013

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
624	688	T3523Rd: s0.01.682; s0.fv6.168	-0.3871	-0.0008	-0.0055	0.0000	-0.0170	0.0012
624	688	2.7137SLL+1.3CF	221.8395	-0.3718	2.5844	-0.1873	25.9328	0.8327
626	688	T3523Rd: s0.fv3.561; s0.fr3.825	-0.0954	-0.0002	0.0001	0.0000	-0.0011	-0.0003
626	688	2.7137SLL+1.3CF	109.0748	0.0525	0.3570	0.1214	-1.4488	0.0435
626	691	2.7137SLL+1.3CF	-109.0748	-0.0525	-0.3570	-0.1214	0.2624	0.1309
626	691	T3523Rd: s0.fv3.561; s0.fr3.825	0.0954	0.0002	-0.0001	0.0000	0.0007	-0.0004
627	688	2.7137SLL+1.3CF	-242.9018	0.2186	2.2029	0.1258	-25.3877	0.3445
627	689	T3523Rd: s0.01.682	0.3693	0.0007	-0.0025	0.0000	0.0142	0.0012
627	692	T3523Rd: s0.01.682	-0.3693	-0.0007	0.0025	0.0000	-0.0058	0.0011
627	692	2.7137SLL+1.3CF	242.9018	-0.2186	-2.2029	-0.1258	18.0772	0.3814
629	691	T3523Rd: s0.fv3.561; s0.fr3.825	-0.0940	-0.0002	-0.0001	0.0000	-0.0007	-0.0003
629	691	2.7137SLL+1.3CF	118.2596	0.0139	-2.1039	0.1382	-0.1480	-0.0184
629	694	2.7137SLL+1.3CF	-118.2596	-0.0139	2.1039	-0.1382	7.1394	0.0926
629	694	T3523Rd: s0.fv3.561; s0.fr3.825	0.0940	0.0002	0.0001	0.0000	0.0010	-0.0003
630	692	2.7137SLL+1.3CF	-258.1752	0.2063	7.3722	0.0544	-17.8969	0.3166
630	692	T3523Rd: s0.01.682	0.3288	0.0005	-0.0103	0.0000	0.0056	0.0010
630	695	T3523Rd: s0.01.682	-0.3288	-0.0005	0.0103	0.0000	0.0295	0.0008
630	695	2.7137SLL+1.3CF	258.1752	-0.2063	-7.3722	-0.0544	-6.4954	0.3755
636	694	T3523Rd: s0.fv1.682; s0.fz.804	-0.0725	-0.0001	0.0015	0.0000	-0.0025	-0.0001
636	694	2.7137SLL+1.3CF	123.9614	0.0429	1.3817	0.0679	-4.8422	0.0568
636	697	2.7137SLL+1.3CF	-123.9614	-0.0429	-1.3817	-0.0679	0.2506	0.1067
636	697	T3523Rd: s0.fv1.682; s0.fz.804	0.0725	0.0001	-0.0015	0.0000	-0.0009	-0.0001
637	695	2.7137SLL+1.3CF	-273.4389	0.1409	-6.9690	0.2283	5.4441	0.1583
637	695	T3523Rd: s0.01.682	0.2890	0.0006	0.0091	0.0001	-0.0285	0.0010
637	698	T3523Rd: s0.01.682	-0.2890	-0.0006	-0.0091	-0.0001	-0.0018	0.0009
637	698	2.7137SLL+1.3CF	273.4389	-0.1409	6.9690	-0.2283	21.3570	0.3089
639	697	T3523Rd: s0.fv1.682; s0.fz.804	-0.0540	0.0000	-0.0003	0.0000	0.0006	0.0000
639	697	2.7137SLL+1.3CF	122.4097	0.0143	-0.4115	0.0784	-0.0717	-0.0159
639	700	2.7137SLL+1.3CF	-122.4097	-0.0143	0.4115	-0.0784	1.4390	0.0965
639	700	T3523Rd: s0.fv1.682; s0.fz.804	0.0540	0.0000	0.0003	0.0000	0.0001	-0.0001
640	698	2.7137SLL+1.3CF	-267.4798	0.2039	-5.1589	0.1451	-21.4978	0.3168
640	698	T3523Rd: s0.01.682	0.2525	0.0006	0.0030	0.0000	0.0016	0.0010
640	701	T3523Rd: s0.01.682	-0.2525	-0.0006	-0.0030	0.0000	-0.0116	0.0009
640	701	2.7137SLL+1.3CF	267.4798	-0.2039	5.1589	-0.1451	31.9884	0.3599

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
909	751	T352R4: s0.5+E168	-0.0052	0.0000	-0.0001	0.0000	0.0001	0.0000
909	751	2.71375LL+1.3CF	82.6578	-0.0524	-0.9217	-0.1102	-0.2793	-0.1229
909	754	2.71375LL+1.3CF	-82.6578	0.0524	0.9217	0.1102	3.3420	-0.0533
909	754	T352R4: s0.5+E168	0.0032	0.0000	0.0001	0.0000	0.0001	0.0000
910	752	2.71375LL+1.3CF	-225.4491	-0.2236	7.7189	-0.2894	-19.3218	-0.4453
910	752	T352R4: s0.5+D.561	0.0092	0.0000	-0.0003	0.0000	-0.0002	0.0000
910	755	T352R4: s0.5+D.561	-0.0092	0.0000	0.0003	0.0000	0.0013	0.0000
910	755	2.71375LL+1.3CF	225.4491	0.2236	-7.7189	0.2894	-8.3286	-0.2978
916	754	T352R4: s0.5+E168	-0.0027	0.0000	0.0000	0.0000	0.0001	0.0000
916	754	2.71375LL+1.3CF	84.2686	-0.0522	2.0152	-0.1732	-6.4016	-0.0801
916	757	2.71375LL+1.3CF	-84.2686	0.0522	-2.0152	0.1732	-0.2950	-0.0299
916	757	T352R4: s0.5+E168	0.0027	0.0000	0.0000	0.0000	-0.0001	0.0000
917	755	2.71375LL+1.3CF	-205.1628	-0.2891	-5.4077	-0.1399	3.5485	-0.4782
917	755	T352R4: s0.5+D.561	0.0075	0.0000	0.0003	0.0000	-0.0013	0.0000
917	758	T352R4: s0.5+D.561	-0.0075	0.0000	-0.0003	0.0000	0.0004	0.0000
917	758	2.71375LL+1.3CF	205.1628	0.2891	5.4077	0.1399	14.4218	-0.4691
919	757	T352R4: s0.5+E168	-0.0021	0.0000	0.0000	0.0000	0.0001	0.0000
919	757	2.71375LL+1.3CF	70.3177	-0.0582	-0.5442	-0.1309	0.4123	-0.1246
919	760	2.71375LL+1.3CF	-70.3177	0.0582	0.5442	0.1309	0.7314	-0.0689
919	760	T352R4: s0.5+E168	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
920	758	2.71375LL+1.3CF	-178.6835	-0.3011	-1.3487	-0.1723	-12.8784	-0.5964
920	758	T352R4: s0.5+D.561	0.0063	0.0000	0.0001	0.0000	-0.0004	0.0000
920	761	T352R4: s0.5+D.561	-0.0063	0.0000	-0.0001	0.0000	0.0000	0.0000
920	761	2.71375LL+1.3CF	178.6835	0.3011	1.3487	0.1723	17.1602	-0.5705
922	760	T352R4: s0.5+E168	-0.0017	0.0000	0.0000	0.0000	0.0000	0.0000
922	760	2.71375LL+1.3CF	91.8985	-0.0509	0.2139	-0.1364	-0.7399	-0.1072
922	763	2.71375LL+1.3CF	-91.8985	0.0509	-0.2139	0.1364	0.0305	-0.0619
922	763	T352R4: s0.5+E168	0.0017	0.0000	0.0000	0.0000	-0.0001	0.0000
923	761	2.71375LL+1.3CF	-157.3415	-0.4162	2.1531	-0.2188	-17.2985	-0.7006
923	761	T352R4: s0.5+D.561	0.0051	0.0000	0.0000	0.0000	0.0000	0.0000
923	764	T352R4: s0.5+D.561	-0.0051	0.0000	0.0000	0.0000	0.0001	0.0000
923	764	2.71375LL+1.3CF	157.3415	0.4162	-2.1531	0.2188	10.1136	-0.6826
925	763	T352R4: s0.5+E168	-0.0015	0.0000	-0.0001	0.0000	0.0001	0.0000
925	763	2.71375LL+1.3CF	54.2345	-0.0631	-0.2151	-0.1513	-0.1843	-0.1230

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
925	766	2.71375LL+1.3CF	-54.2345	0.0631	0.2151	0.1513	0.9090	-0.0806
925	766	T352R4: s0.5+E168	0.0013	0.0000	0.0001	0.0000	0.0002	0.0000
926	764	2.71375LL+1.3CF	-133.7253	-0.3460	5.1749	-0.2549	-16.0956	-0.5441
926	764	T352R4: s0.5+D.561	0.0040	0.0000	-0.0001	0.0000	-0.0001	0.0000
926	767	T352R4: s0.5+D.561	-0.0040	0.0000	0.0001	0.0000	0.0006	0.0000
926	767	2.71375LL+1.3CF	133.7253	0.3460	-5.1748	0.2549	-7.1911	-0.5057
932	766	T352R4: s0.5+E168	-0.0012	0.0000	-0.0001	0.0000	0.0003	0.0000
932	766	2.71375LL+1.3CF	43.4012	-0.0548	1.4030	-0.1768	-4.2686	-0.1042
932	769	2.71375LL+1.3CF	-43.4012	0.0549	-1.4030	0.1768	-0.3626	-0.0781
932	769	T352R4: s0.5+E168	0.0012	0.0000	0.0001	0.0000	0.0000	0.0000
933	767	2.71375LL+1.3CF	-105.2486	-0.3787	-2.5239	-0.1664	3.8389	-0.5987
933	767	T352R4: s0.5+D.561	0.0030	0.0000	0.0001	0.0000	-0.0006	0.0000
933	770	T352R4: s0.5+D.561	-0.0030	0.0000	-0.0001	0.0000	0.0002	0.0000
933	770	2.71375LL+1.3CF	105.2486	0.3787	2.5239	0.1664	4.5469	-0.6598
935	769	T352R4: s0.5+E168	-0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
935	769	2.71375LL+1.3CF	28.6793	-0.0448	-0.2215	-0.1368	0.3785	-0.0909
935	772	2.71375LL+1.3CF	-28.6793	0.0448	0.2215	0.1368	0.3576	-0.0588
935	772	T352R4: s0.5+E168	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
936	770	2.71375LL+1.3CF	-60.5090	-0.4750	-0.6458	-0.1924	-4.7277	-0.7900
936	770	T352R4: s0.5+D.561	0.0021	0.0000	0.0001	0.0000	-0.0002	0.0000
936	773	T352R4: s0.5+D.561	-0.0021	0.0000	-0.0001	0.0000	0.0000	0.0000
936	773	2.71375LL+1.3CF	60.5090	0.4750	0.6458	0.1924	6.8739	-0.7985
938	772	T352R4: s0.5+E168	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
938	772	2.71375LL+1.3CF	23.4204	-0.1124	0.1808	-0.1498	-0.2781	-0.1780
938	775	2.71375LL+1.3CF	-23.4204	0.1124	-0.1808	0.1458	-0.3227	-0.1958
938	775	T352R4: s0.5+E168	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
939	773	2.71375LL+1.3CF	-61.7256	-0.4725	0.7102	-0.2015	-6.9611	-0.7904
939	773	T352R4: s0.5+D.561	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
939	776	T352R4: s0.5+D.561	-0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
939	776	2.71375LL+1.3CF	61.7256	0.4725	-0.7102	0.2015	4.8011	-0.7799
941	775	T352R4: s59.90.561; s0.5+E.168	-0.5099	-0.0131	-0.0749	0.0034	0.2187	-0.0249
941	775	2.71375LL+1.3CF	6.1888	-0.0249	0.4353	-0.1236	0.3215	-0.0400
941	778	2.71375LL+1.3CF	-6.1888	0.0249	-0.4353	0.1236	-1.7981	-0.0428
941	778	T352R4: s59.90.561; s0.5+E.168	0.5088	0.0131	0.0749	-0.0034	0.0322	-0.0187

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
842	700	T352R4: s0.fr1.682; s0.fr2.804	-0.0412	0.0000	0.0001	0.0000	-0.0001	-0.0001
842	700	2.71375LL+1.3CF	131.4453	0.0421	0.4772	0.0756	-1.7939	0.0173
842	703	2.71375LL+1.3CF	-131.4453	-0.0421	-0.4772	-0.0756	0.2080	0.1228
842	703	T352R4: s0.fr1.682; s0.fr2.804	0.0412	0.0000	-0.0001	0.0000	-0.0003	-0.0001
843	701	2.71375LL+1.3CF	-299.0591	0.1029	2.9268	0.0952	-32.0751	0.1443
843	701	T352R4: s0.fr1.682	0.2153	0.0006	-0.0024	0.0000	0.0116	0.0010
843	704	T352R4: s0.fr1.682	-0.2153	-0.0006	0.0024	0.0000	-0.0037	0.0009
843	704	2.71375LL+1.3CF	299.0591	-0.1029	-2.9268	-0.0952	32.3469	0.1976
845	703	T352R4: s0.fr1.682; s0.fr2.804	-0.0301	0.0000	-0.0005	0.0000	0.0003	0.0000
845	703	2.71375LL+1.3CF	138.2208	-0.0059	-2.2050	0.0967	-0.2105	-0.0561
845	706	2.71375LL+1.3CF	-138.2208	0.0059	2.2050	-0.0967	7.5313	0.0365
845	706	T352R4: s0.fr1.682; s0.fr2.804	0.0301	0.0000	0.0005	0.0000	0.0014	-0.0001
846	704	2.71375LL+1.3CF	-307.3928	0.1289	9.2274	-0.0288	-22.4407	0.1827
846	704	T352R4: s0.fr1.682	0.1797	0.0005	-0.0069	0.0000	0.0037	0.0009
846	707	T352R4: s0.fr1.682	-0.1797	-0.0005	0.0069	0.0000	0.0192	0.0007
846	707	2.71375LL+1.3CF	307.3928	-0.1289	-9.2274	0.0288	-8.2235	0.2657
852	706	T352R4: s0.fr1.682	-0.0271	-0.0001	-0.0010	0.0000	0.0026	-0.0001
852	706	2.71375LL+1.3CF	141.5496	0.0311	1.7956	0.0145	-6.3351	0.0072
852	709	2.71375LL+1.3CF	-141.5496	-0.0311	-1.7956	-0.0145	5.3683	0.0963
852	709	T352R4: s0.fr1.682	0.0271	0.0001	0.0010	0.0000	0.0009	-0.0001
853	707	2.71375LL+1.3CF	-915.9557	0.0517	-10.0838	0.1778	9.1882	0.0104
853	707	T352R4: s0.fr1.682	0.1492	0.0003	0.0051	0.0001	-0.0192	0.0006
853	710	T352R4: s0.fr1.682	-0.1492	-0.0003	-0.0051	-0.0001	0.0022	0.0005
853	710	2.71375LL+1.3CF	915.3557	-0.0517	10.0838	-0.1778	24.7204	0.1614
855	709	T352R4: s0.fr1.682	-0.0211	-0.0001	0.0002	0.0000	-0.0009	-0.0001
855	709	2.71375LL+1.3CF	141.3068	-0.0019	-0.4849	0.0365	-0.3722	-0.0539
855	712	2.71375LL+1.3CF	-141.3068	0.0019	0.4849	-0.0365	1.9837	0.0477
855	712	T352R4: s0.fr1.682	0.0211	0.0001	-0.0002	0.0000	0.0002	-0.0001
856	710	2.71375LL+1.3CF	-321.5673	0.1196	-3.4091	0.0794	-24.5241	0.1721
856	710	T352R4: s0.fr1.682	0.1273	0.0003	0.0018	0.0000	-0.0022	0.0006
856	713	T352R4: s0.fr1.682	-0.1273	-0.0003	-0.0018	0.0000	-0.0039	0.0006
856	713	2.71375LL+1.3CF	321.5673	-0.1196	3.4091	-0.0794	35.8527	0.2254
858	712	T352R4: s0.fr1.682	-0.0171	0.0000	-0.0002	0.0000	-0.0002	-0.0001
858	712	2.71375LL+1.3CF	137.4893	0.0182	0.5376	0.0146	-1.6960	-0.0189

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
858	715	2.71375LL+1.3CF	-137.4893	-0.0182	-0.5376	-0.0146	-0.0915	0.0797
858	715	T352R4: s0.fr1.682	0.0171	0.0000	0.0002	0.0000	0.0010	-0.0001
859	713	2.71375LL+1.3CF	-325.2788	0.0118	3.3186	-0.0075	-35.8744	-0.0102
859	713	T352R4: s0.fr1.682	0.1054	0.0003	-0.0008	0.0000	0.0039	0.0006
859	716	T352R4: s0.fr1.682	-0.1054	-0.0003	0.0009	0.0000	-0.0009	0.0006
859	716	2.71375LL+1.3CF	325.2788	-0.0118	-3.3186	0.0075	24.6531	0.0467
861	715	T352R4: s0.fr1.682	-0.0147	0.0000	0.0009	0.0000	-0.0010	-0.0001
861	715	2.71375LL+1.3CF	146.0821	-0.0238	-2.0421	0.0391	-0.2964	-0.0821
861	718	2.71375LL+1.3CF	-146.0821	0.0239	2.0421	-0.0391	7.0824	0.0064
861	718	T352R4: s0.fr1.682	0.0147	0.0000	-0.0009	0.0000	-0.0021	-0.0001
862	716	2.71375LL+1.3CF	-325.1821	0.0230	10.1227	-0.1062	-24.6513	-0.2404
862	716	T352R4: s0.fr1.682	0.0845	0.0003	-0.0031	0.0000	0.0099	0.0005
862	719	T352R4: s0.fr1.682	-0.0845	-0.0003	0.0031	0.0000	0.0095	0.0004
862	719	2.71375LL+1.3CF	325.1821	-0.0230	-10.1227	0.1062	-8.9972	0.1197
868	718	T352R4: s0.fr1.682	-0.0119	0.0000	-0.0011	0.0000	0.0025	0.0000
868	718	2.71375LL+1.3CF	145.7271	0.0302	2.0276	-0.0404	-7.1311	0.0060
868	721	2.71375LL+1.3CF	-145.7271	-0.0302	-2.0276	0.0404	0.3033	0.0945
868	721	T352R4: s0.fr1.682	0.0119	0.0000	0.0011	0.0000	0.0010	0.0000
869	719	2.71375LL+1.3CF	-325.2408	-0.0168	-10.1023	0.1055	8.9621	-0.1069
869	719	T352R4: s0.fr1.682	0.0674	0.0002	0.0024	0.0000	-0.0095	0.0003
869	722	T352R4: s0.fr1.682	-0.0674	-0.0002	-0.0024	0.0000	0.0017	0.0003
869	722	2.71375LL+1.3CF	325.2408	0.0168	10.1023	-0.1055	24.6084	0.0526
871	721	T352R4: s0.fr1.682; s0.fr8.168	-0.0110	0.0000	0.0002	0.0000	-0.0006	0.0000
871	721	2.71375LL+1.3CF	136.8296	-0.0157	-0.5273	-0.0175	0.0452	-0.0760
871	724	2.71375LL+1.3CF	-136.8296	0.0157	0.5273	0.0175	1.7070	0.0239
871	724	T352R4: s0.fr1.682; s0.fr8.168	0.0110	0.0000	-0.0002	0.0000	0.0001	0.0000
872	722	2.71375LL+1.3CF	-325.6249	0.0025	-3.2695	0.0054	-24.6160	-0.0257
872	722	T352R4: s0.fr1.682	0.0583	0.0002	0.0009	0.0000	-0.0017	0.0003
872	725	T352R4: s0.fr1.682	-0.0583	-0.0002	-0.0009	0.0000	-0.0011	0.0005
872	725	2.71375LL+1.3CF	325.6249	-0.0025	3.2695	-0.0054	35.4807	0.0041
874	724	T352R4: s0.fr1.682; s0.fr8.168	-0.0083	0.0000	-0.0001	0.0000	-0.0001	0.0000
874	724	2.71375LL+1.3CF	140.5410	0.0096	0.4918	-0.0393	-2.0060	-0.0359
874	727	2.71375LL+1.3CF	-140.5410	-0.0096	-0.4918	0.0393	0.3716	0.0679
874	727	T352R4: s0.fr1.682; s0.fr8.168	0.0083	0.0000	0.0001	0.0000	0.0005	0.0000

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
675	725	2.7137SLL+1.3CF	-322.4580	-0.0813	3.4806	-0.0839	-35.6838	-0.1780
675	725	T352R4: s0.5-1.682	0.0453	0.0002	-0.0004	0.0000	0.0011	0.0003
675	726	T352R4: s0.5-1.682	-0.0455	-0.0002	0.0004	0.0000	0.0002	0.0003
676	726	2.7137SLL+1.3CF	322.4580	0.0813	-3.4806	0.0839	24.1178	-0.0922
677	727	T352R4: s0.5-1.682; s0.5-6.168	-0.0087	0.0000	0.0004	0.0000	-0.0005	0.0000
677	727	2.7137SLL+1.3CF	140.0666	-0.0280	-1.7647	-0.0180	-6.3686	-0.0825
677	730	2.7137SLL+1.3CF	-140.0666	0.0280	1.7647	0.0180	6.3324	-0.0007
677	730	T352R4: s0.5-1.682; s0.5-6.168	0.0087	0.0000	-0.0004	0.0000	-0.0009	0.0000
678	728	2.7137SLL+1.3CF	-317.3038	-0.0525	19.1800	-0.1801	-24.1184	-0.1636
678	728	T352R4: s0.5-0.561	0.0410	0.0001	-0.0015	0.0000	0.0002	0.0003
678	731	T352R4: s0.5-0.561	-0.0410	-0.0001	0.0015	0.0000	0.0050	0.0002
678	731	2.7137SLL+1.3CF	317.3038	0.0525	-19.1800	0.1801	-8.7100	-0.0113
684	730	T352R4: s0.5-6.168; s0.5-1.682	-0.0075	0.0000	-0.0006	0.0000	0.0015	0.0000
684	730	2.7137SLL+1.3CF	136.9542	0.0098	2.2391	-0.0976	-7.6602	-0.0301
684	733	2.7137SLL+1.3CF	-136.9542	-0.0098	-2.2391	0.0976	3.1594	0.0628
684	733	T352R4: s0.5-6.168; s0.5-1.682	0.0075	0.0000	0.0006	0.0000	0.0005	0.0000
685	731	2.7137SLL+1.3CF	-309.2980	-0.0933	-6.3897	0.0257	8.8532	-0.2204
685	731	T352R4: s0.5-0.561	0.0529	0.0001	0.0012	0.0000	-0.0049	0.0001
685	734	T352R4: s0.5-0.561	-0.0529	-0.0001	-0.0012	0.0000	0.0010	0.0001
686	734	2.7137SLL+1.3CF	309.2980	0.0933	6.3897	-0.0257	22.3495	-0.0895
687	733	T352R4: s0.5-6.168; s0.5-1.682	-0.0061	0.0000	0.0001	0.0000	-0.0005	0.0000
687	733	2.7137SLL+1.3CF	129.9508	-0.0347	-0.4480	-0.0794	-8.2552	-0.1097
687	736	2.7137SLL+1.3CF	-129.9508	0.0347	0.4480	0.0794	1.7153	-0.0055
687	736	T352R4: s0.5-6.168; s0.5-1.682	0.0061	0.0000	-0.0001	0.0000	0.0001	0.0000
688	734	2.7137SLL+1.3CF	-303.7767	-0.1054	-2.9602	-0.0667	-22.3540	-0.2033
688	734	T352R4: s0.5-0.561	0.0277	0.0001	0.0004	0.0000	-0.0010	0.0001
688	737	T352R4: s0.5-0.561	-0.0277	-0.0001	-0.0004	0.0000	-0.0004	0.0001
689	737	2.7137SLL+1.3CF	303.7767	0.1054	2.9602	0.0667	32.1909	-0.1469
689	736	T352R4: s0.5-6.168; s0.5-1.682	-0.0052	0.0000	-0.0001	0.0000	-0.0001	0.0000
690	736	2.7137SLL+1.3CF	125.0805	-0.0129	-0.4480	-0.0831	-1.7852	-0.0709
690	739	2.7137SLL+1.3CF	-125.0805	0.0129	-0.4480	0.0831	5.2851	0.0279
690	739	T352R4: s0.5-6.168; s0.5-1.682	0.0052	0.0000	0.0001	0.0000	0.0002	0.0000
691	737	2.7137SLL+1.3CF	-293.9010	-0.2013	3.2595	-0.1433	-32.4215	-0.3567
691	737	T352R4: s0.5-0.561	0.0227	0.0001	-0.0002	0.0000	0.0004	0.0001

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
691	740	T352R4: s0.5-0.561	-0.0227	-0.0001	0.0002	0.0000	0.0002	0.0001
691	740	2.7137SLL+1.3CF	293.9010	0.2013	-3.2595	0.1433	21.6032	-0.3129
693	739	T352R4: s0.5-6.168; s0.5-1.682	-0.0046	0.0000	0.0002	0.0000	-0.0003	0.0000
693	739	2.7137SLL+1.3CF	121.8127	-0.0782	-1.5074	-0.0614	-8.2024	-0.1057
693	742	2.7137SLL+1.3CF	-121.8127	0.0782	1.5074	0.0614	5.2115	-0.0248
693	742	T352R4: s0.5-6.168; s0.5-1.682	0.0046	0.0000	-0.0002	0.0000	-0.0004	0.0000
694	740	2.7137SLL+1.3CF	-290.9677	-0.1320	8.6074	-0.2459	-23.9286	-0.2969
694	740	T352R4: s0.5-0.561	0.0179	0.0001	-0.0007	0.0000	-0.0002	0.0001
694	743	T352R4: s0.5-0.561	-0.0179	-0.0001	0.0007	0.0000	0.0028	0.0001
694	743	2.7137SLL+1.3CF	290.9677	0.1320	-8.6074	0.2459	-7.9964	-0.1398
900	742	T352R4: s0.5-6.168; s0.5-1.682	-0.0041	0.0000	-0.0004	0.0000	0.0010	0.0000
900	742	2.7137SLL+1.3CF	115.9137	-0.0093	-2.1884	-0.1377	-7.1643	-0.0543
900	745	2.7137SLL+1.3CF	-115.9137	0.0093	-2.1884	0.1377	-0.0912	0.0234
900	745	T352R4: s0.5-6.168; s0.5-1.682	0.0041	0.0000	0.0004	0.0000	0.0003	0.0000
901	743	2.7137SLL+1.3CF	-277.5342	-0.2067	-8.0314	-0.0683	5.6779	-0.3808
901	743	T352R4: s0.5-0.561	0.0149	0.0000	0.0005	0.0000	-0.0022	0.0000
901	746	T352R4: s0.5-0.561	-0.0149	0.0000	-0.0005	0.0000	0.0006	0.0000
901	746	2.7137SLL+1.3CF	277.5342	0.2067	8.0314	0.0683	21.0111	-0.3129
903	745	T352R4: s0.5-6.168	-0.0035	0.0000	0.0000	0.0000	0.0001	0.0000
903	745	2.7137SLL+1.3CF	106.7549	-0.0452	-6.3781	-0.1190	-0.1485	-0.1190
903	748	2.7137SLL+1.3CF	-106.7549	0.0452	6.3781	0.1190	1.3998	-0.0314
903	748	T352R4: s0.5-6.168	0.0035	0.0000	0.0000	0.0000	-0.0001	0.0000
904	746	2.7137SLL+1.3CF	-282.9068	-0.2135	-2.3748	-0.1473	-25.8982	-0.3768
904	746	T352R4: s0.5-0.561	0.0129	0.0000	0.0002	0.0000	-0.0005	0.0001
904	749	T352R4: s0.5-0.561	-0.0129	0.0000	-0.0002	0.0000	-0.0052	0.0001
904	749	2.7137SLL+1.3CF	282.9068	0.2135	2.3748	0.1473	28.7899	-0.3305
905	748	T352R4: s0.5-6.168	-0.0033	0.0000	0.0000	0.0000	0.0001	0.0000
905	748	2.7137SLL+1.3CF	98.7675	-0.0296	0.3554	-0.1305	-1.3931	-0.0864
906	751	2.7137SLL+1.3CF	-98.7675	0.0296	-0.3554	0.1305	0.2121	-0.0120
906	751	T352R4: s0.5-6.168	0.0033	0.0000	0.0000	0.0000	-0.0001	0.0000
907	749	2.7137SLL+1.3CF	-237.0878	-0.2701	2.7461	-0.1827	-26.1021	-0.4633
907	749	T352R4: s0.5-0.561	0.0109	0.0000	-0.0001	0.0000	0.0002	0.0000
907	752	T352R4: s0.5-0.561	-0.0109	0.0000	0.0001	0.0000	0.0002	0.0000
907	752	2.7137SLL+1.3CF	237.0878	0.2701	-2.7461	0.1827	16.9768	-0.4342

RESULT ENVELOPE :Member End Forces (Local) @ Force X (kips)

Member	Joint	Result Case	Force X (kips)	Force Y (kips)	Force Z (kips)	Moment X (kips-ft)	Moment Y (kips-ft)	Moment Z (kips-ft)
942	778	2.71375LL+1.3CF	-25.3014	-0.1752	1.3811	-0.2466	-4.5231	-0.5821
942	778	T352R4 s0.5-0.5R1	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
942	779	T352R4 s0.5-0.5R1	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
942	779	2.71375LL+1.3CF	25.3014	0.1752	-1.3811	0.2466	0.0000	0.0000

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ESTUDIO DE MECANICA DE SUELOS

IT-223-08

CONSTRUCTORA MOYEDA, S.A. DE C.V.

COMPLEJO VIAL API VERACRUZ
VERACRUZ, VERACRUZ.

ING. ARTURO MOYEDA.

MONTERREY, NUEVO LEON, DICIEMBRE, 2008

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16 DE DICIEMBRE DEL 2008

CONSTRUCTORA MOYEDA, S.A. DE C.V.
AVE. MORONES PRIETO # 1310 "A".
COLONIA PIO X
MONTERREY, NUEVO LEON.

AT´N. SR. ING. ARTURO MOYEDA.

I. INTRODUCCION

Constructora Moyeda, S.A. de C.V, realizó la contratación de EEMSSA para la ejecución del Estudio de Mecánica de Suelos en el área en donde se proyecta la construcción de un complejo vial en el API Veracruz, en el Puerto de Veracruz, Veracruz.

De acuerdo a la información proporcionada a nosotros, se pretende la construcción de dicho complejo vial del cual lo forman varios pasos elevados, por lo que se definió el alcance de exploración de acuerdo a la distribución de dicho proyecto contando con las facilidades del personal del API Veracruz, para lograr acceso a los puntos indicados para la exploración.

El predio en estudio, se ubica a un costado del actual acceso carretero a las instalaciones del API Veracruz, presentando un desnivel considerable de la actual superficie de rodamiento, observando dunas de hasta 6.0 m. de altura de más de 50 m. de diámetro, lo cual se podrá observar el anexo fotográfico del área en estudio.

Se recomienda la ejecución de un estudio hidrológico superficial para evaluar las condiciones hidrológicas superficiales del área de construcción, con respecto al proyecto por desarrollar, para evitar problemas de encharcamientos o inundaciones, ya que se observaron algunos cauces naturales de bajantes de agua, por lo que se deberá contemplar el sistema pluvial de las construcciones proyectadas y su disposición final.

Toda la información obtenida de la exploración realizada en dicho predio, se presenta a continuación siendo esta propiedad de Constructora Moyeda, S.A. de C.V., y su cliente, por lo que se deberá de respetar el derecho de confidencialidad en todo momento por sus consultores y contratistas.

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II. GEOLOGIA DEL ESTADO DE VERACRUZ

El estado de Veracruz, ha quedado comprendido dentro de siete provincias, que son: Llanura Costera del Golfo Norte, Sierra madre Oriental, Eje Neovolcánico, Sierra Madre del Sur, Cordillera Centroamericana y Sierras de Chiapas y Guatemala; cada una de ellas con características litológicas, estructurales y geomorfológicos propias y definidas.

Provincia Llanura Costera del Golfo Norte. Comprende gran parte del Norte del estado, desde el límite con Tamaulipas hasta el Sur de Papantla, donde se localizan las elevaciones del Eje Neovolcánico; su límite occidental lo constituye la Sierra Madre Oriental y hacia el Oriente el Golfo de México.

Los afloramientos más extensos corresponden a rocas sedimentarias detríticas del Terciario, depositadas en la Cuenca Tampico-Misantla. Las rocas más antiguas en esta región son las del Cretácico Superior, en tanto que las más recientes son depósitos de suelos, formados por materiales detríticos derivados de las rocas preexistentes.

Estratigrafía, en esta provincia existe una gran diversidad de rocas representativas de los diferentes periodos geológicos, específicamente del Cretácico Superior, Paleoceno, Eoceno, Oligoceno, Mioceno, así como rocas volcánicas.

Provincia Sierra Madre Oriental. Comprende parte de la zona occidental del estado. Está constituida por una cadena montañosa plegada. La forman potentes espesores de rocas sedimentarias, tanto marinas como continentales.

Estratigrafía, las rocas más antiguas de la provincia, dentro de Veracruz, están representadas por lutitas y areniscas del Pérmico. También hay rocas representativas del Triásico, Jurásico Inferior, Cretácico Inferior, Cretácico Superior y del Mesozoico.

Provincia Eje Neovolcánico. Esta provincia atraviesa el estado aproximadamente en su porción central, y se extiende desde el Sur de Papantla de Olarte hasta el Norte de Córdoba.

Estratigrafía: esta provincia está constituida principalmente por rocas ígneas de composición andesítica, riolítica y basáltica, que se depositaron durante el Cenozoico Superior en forma de derrames, tobas, brechas y cenizas volcánicas. Las rocas más antiguas que afloran en esta porción corresponden a depósitos calcáreo-arcillosos del Jurásico Superior, las más jóvenes a depósitos no consolidados del Cuaternario.

Provincia Sierra Madre del Sur. Esta provincia comprende la porción limítrofe con el estado de Puebla, en el área de Orizaba. Está formada por montañas plegadas que siguen una orientación Noroeste-Sureste.

Estratigrafía: Del Cretácico Inferior aflora una secuencia de calizas negras que contienen lentes y bandas de pedernal. El Cretácico Superior está representado por la unidad de calizas de color gris claro y negro depositadas en mares profundos. En los valles de Orizaba y Córdoba se han depositado potentes espesores de suelos aluviales del Cuaternario provenientes de la erosión de rocas volcánicas y calcáreas.

Provincia Llanura Costera del Golfo Sur. Ocupa casi toda la porción Sur de la entidad. Se extiende en forma de franja más o menos paralela al Golfo de México, desde el Norte de la ciudad de Veracruz hasta el río Tonalá, de donde continúa por el territorio tabasqueño.

Estratigrafía: las rocas que afloran en la provincia cubren un lapso geocronológico que va del Jurásico Superior al Cuaternario (Reciente).

Esta provincia está constituida en su mayor parte por depósitos recientes formados de suelos que cubren gran parte de la secuencia sedimentaria depositada en cuencas marinas del Terciario.

Los afloramientos de rocas volcánicas se distribuyen en el área de los Tuxtlas, donde su expresión morfológica de volcanes y prominencias topográficas contrastan con la llanura costera.

Provincia Cordillera Centroamericana. Abarca una pequeña zona del Sur del estado. Forma una cadena de montañas constituida por un núcleo de rocas cristalinas sobre el cual descansa la secuencia de rocas sedimentarias del Mesozoico.

Estratigrafía: las rocas que están expuestas a la superficie, cubren un rango geocronológico que va del Paleozoico hasta el Cretácico Inferior. Las rocas intrusivas ácidas (granito y granodioritas), son las más antiguas y las que constituyen el basamento, su morfología es de sierras altas y escarpadas. Afloran hacia el sur de Minatitlán, en los límites con el estado de Oaxaca.

Provincia Sierras de Chiapas y Guatemala. Comprende una parte del sureste del estado. Está constituida por rocas sedimentarias principalmente del Mesozoico, aunque también existen depósitos del Cenozoico. La unidad litológica más antigua que aflora en esta porción de la provincia es del Triásico, y la más reciente del Oligoceno.

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III. HIDROLOGIA REGIONAL DEL PUERTO DE VERACRUZ

Esta información presentada a continuación, obtenida de los Atlas del Agua generados por la C.N.A. y el I.M.T.A., se presenta únicamente como informativa hacia las condiciones climatológicas de la zona en general y no para ser utilizada en proyectos de detalle. Es importante mencionar que para los diseños a detalle y toma de decisiones existen registros de cualquiera de esta disciplina a detalle y de las estaciones meteorológicas y climatológicas del área, lo cual deberá ser solicitado hacia la Autoridad Federal correspondiente como la C.N.A. o ser investigado en los diversos sistemas de información concentrada a nivel nacional o local.

Los vientos en el Puerto de Veracruz, corresponden a un por ciento de calmas de 1,0 y 1 para los meses de Enero, Febrero y Marzo respectivamente, así como con una intensidad predominante de 11,2 y 11 m/s., también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta del norte y en segundo lugar desde el oriente o nororiente de esta zona.

Los vientos corresponden a un por ciento de calmas de 0,0 y 1 para los meses de Abril , Mayo y Junio respectivamente, así como una intensidad predominante de 6,6 y 6 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta preferentemente proveniente del nororiente, sin embargo los de mayor consideración provienen del Norte. Y mayor frecuencia desde el Nororiente de la zona.

Los vientos corresponden a un por ciento de calmas de 1,10 y 1 para los meses de Julio, Agosto y Septiembre respectivamente, así como con una intensidad predominante de 5,5 y 7 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensual se presenta preferentemente proveniente del nororiente.

Los vientos corresponden a un por ciento de calmas de 0,0 y 1 para los meses de Octubre, Noviembre y Diciembre respectivamente, así como con una intensidad predominante de 10, 10 y 10 m/s. también en el mismo orden de meses, esto nos indica que el viento promedio mensuales se presenta preferentemente proveniente del norte.

Las temperaturas mínimas extremas de esta región oscilan entre los 6 y los 8° centígrados, la cual deberá ser tomada en cuenta para las consideraciones generales de diseño.

Con la máximas temperaturas que se presentan en el área de estudio y como nos podremos imaginar por estar cerca de la costa, son sumamente altas oscilando entre los 42 y 44° centígrados, que aunado a otros factores como humedad relativa, evaporación, etc., marcan las características de la zona en estudio.

La temperatura media anual es el resultado de la combinación de la información antes mencionada como es las temperaturas mínimas extremas que es de 8° C y la máxima de la zona que es 44° C, resultando una temperatura media de 26° C.

La precipitación media anual dentro de esta zona oscila entre los 1600 y 1800 mm., lo que constituye en una zona de gran producción pluvial, lo cual deberá ser determinado a detalle en el estudio hidrológico que se realice.

La máxima precipitación acumulada en 24 horas dentro de los registros oficiales de la C.N.A. la cual corresponde para esta zona en 350 a 400 mm. una de las mayores dentro del país.

La humedad dentro de esta zona corresponde a un valor superior a los 75%, considerándose como una región con clima cálido con humedad alta, la cual podrá ser utilizada para consideraciones conceptúales y preliminares en sistemas de deshumidificación o extracción de humedad de edificación.

La velocidad promedio del viento con mayor frecuencia es de 9 m/s., sin embargo el porcentaje de calmas es de 1%, siendo el valor máximo promedio de la velocidad del viento de 9 m/s.

En el Río Panuco se concentra la medición de escurrimientos por lo cual se puede observar que los meses con mayor precipitación registrada es en Septiembre con un valor aproximado de 900 mm. y los valores de precipitación media registrados es de 320 mm. encontrándose valores mínimos de precipitación de 0 mm.

La probabilidad para los meses con mayor incidencia de lluvias, para una precipitación de 400 mm. es el mes de Septiembre con una probabilidad de 10%, y para una altura de precipitación de 100 mm., con una probabilidad de 90%.

Para esta zona la probabilidad de heladas es de 0%, sin embargo los efectos de los cambios climáticos pudieran provocar bajas de temperatura importantes, aun sin saber si se pueden presentar heladas en esta zona del País.

Al igual que las heladas estos días al año con la presencia de granizo son mínimos y oscilan entre 0 y 1 día.

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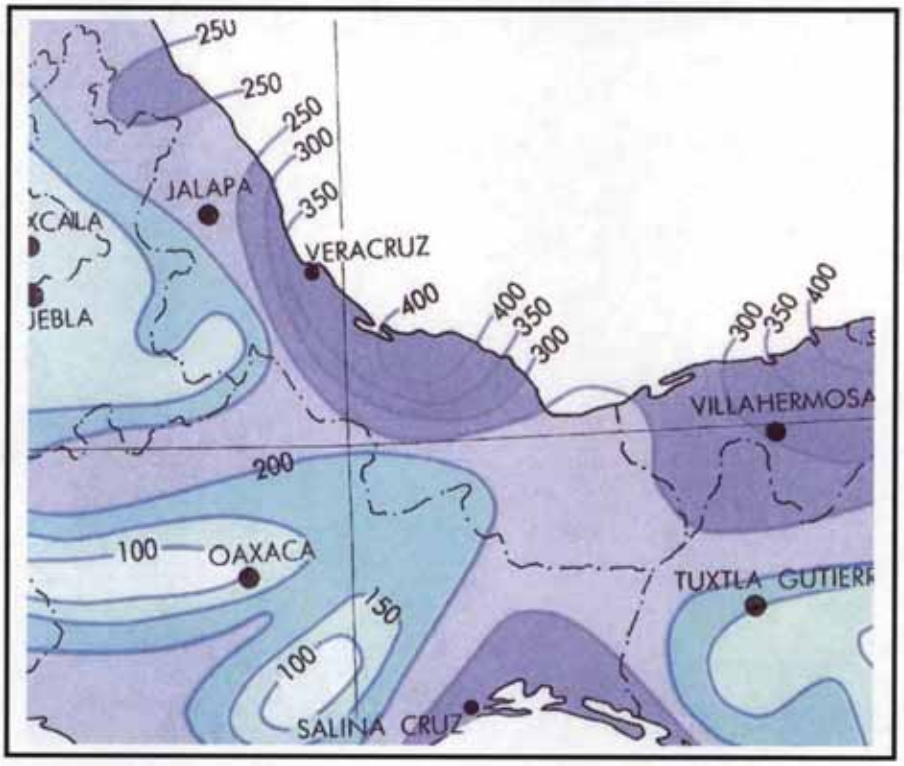
Figura "A"
Precipitación máxima en 24 horas



Esta gráfica corresponde a la máxima precipitación acumulada en 24 horas dentro de los registros oficiales de la C. N. A., la cual corresponde para esta zona en 350 a 400 mm una de las mayores dentro del País.

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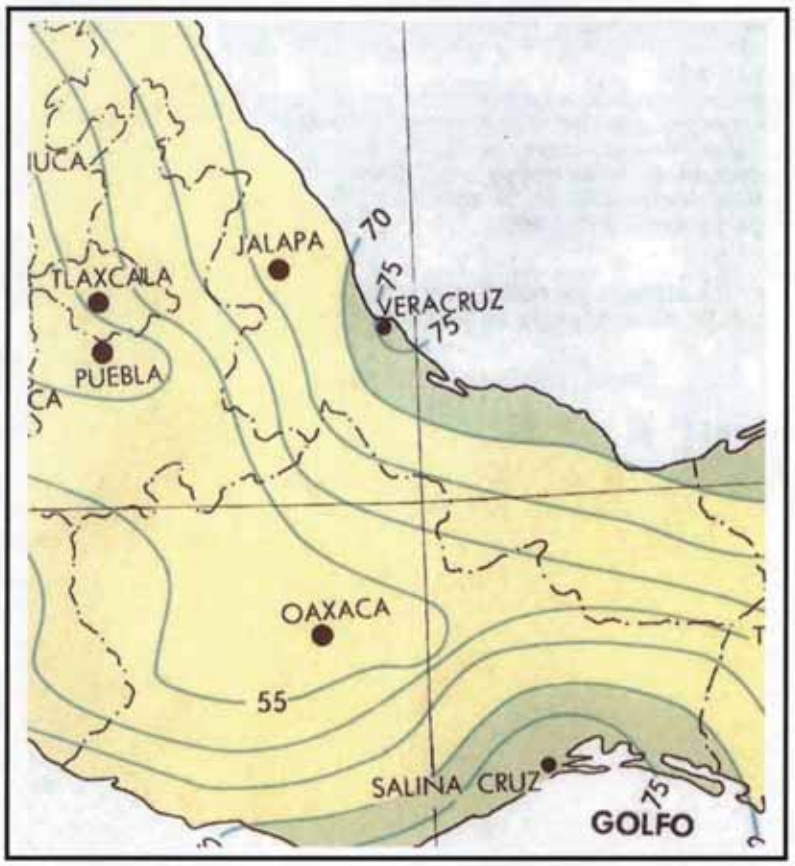
Figura "B"
Humedad relativa media anual



La humedad dentro de esta zona corresponde a un valor superior a los 75%, considerándose como una región con clima cálido con humedad alta, la cual podrá ser utilizada para consideraciones conceptuales y preliminares en sistemas de deshumidificación o extracción de humedad de edificación.

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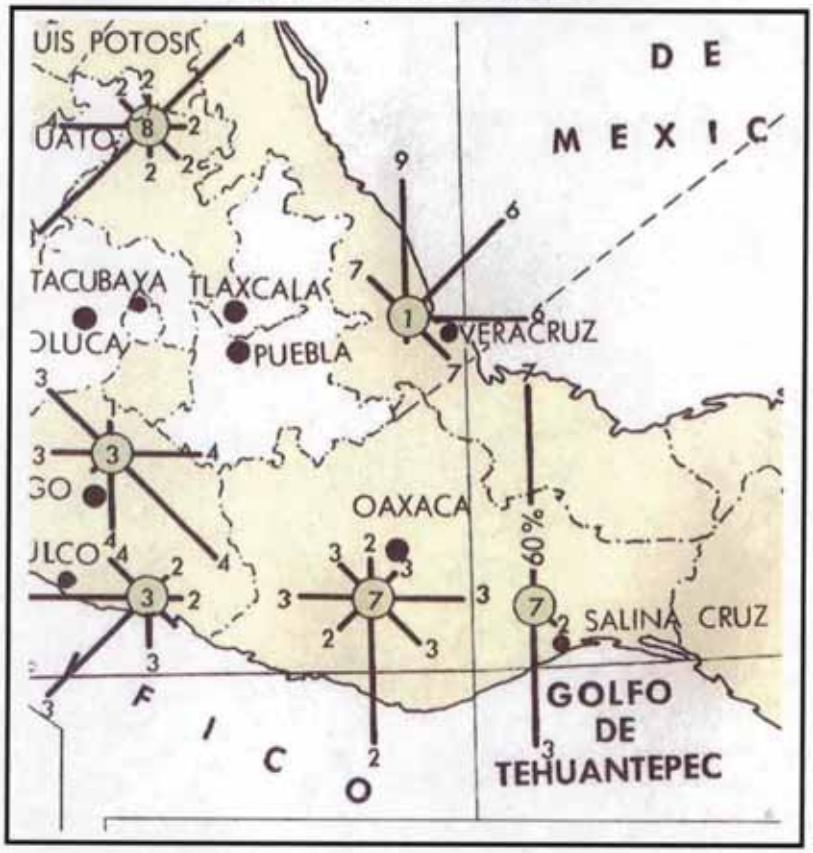
Figura "C"
Rosa de vientos promedio anual a la 14 horas



La velocidad promedio del viento con mayor frecuencia es de 9 m/s, sin embargo el porcentaje de calmas es de 1%, siendo el valor máximo promedio de la velocidad del viento de 9 m/s.

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IV. OBJETIVOS DEL ESTUDIO

Los objetivos de este estudio son los siguientes:

Evaluar las características físico-mecánicas de los materiales presentes en la estratigrafía del sitio determinada por el muestreo alterado, ejecutar pruebas de laboratorio que nos proporcionen sus parámetros, para determinar las capacidades de carga admisibles para los diferentes tipos de cimentación superficiales para dar solución al problema de cimentación de los futuros puentes o con las diferentes opciones del uso de pilas de cimentación coladas in situ a diferentes profundidades de desplante.

V. ALCANCE DE LA EXPLORACION

El alcance de la exploración consistió en la ejecución de 10 sondeos con máquina perforadora rotatoria, marca Central Mine Equipment, modelo CME-55 montada en un camión International, llevando acabo todos los sondeos a una profundidad de 20.00 m., la perforación se realizó con barrenas espirales sólidas de 4¼"de diámetro externo y broca cortadora de 4½" de diámetro externo con insertos de carburo de Tungsteno de acuerdo a la norma ASTM D 1452, en seco en los primeros metros de espesor, continuando el avance de la perforación con el uso de broca Drag bit y lodo bentonítico, para la estabilización de las paredes de la perforación, esto se llevó acabo hasta la máxima profundidad de exploración, pudiendo apreciar dichos trabajos en el anexo fotográfico de este informe técnico.

La exploración se ejecutó en los puntos propuestos por ustedes mismos de acuerdo a la distribución de las futuras construcciones, y a los accesos generados para dicha exploración, mostrándose su localización en el croquis esquemático anexo en la Figura N° 1, así como en el anexo fotográfico de los trabajos de campo.

Para lograr dicha ubicación fue necesaria la utilización de maquinaria pesada, para generar los accesos por el monte y material apilado en dunas existente en el predio en estudio.

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VI. MUESTREO DURANTE LA EXPLORACION

El muestreo durante la exploración se realizó en forma alterada, a cada metro de profundidad, mediante el uso del muestreador del tipo tubo partido de la prueba de penetración estándar, de acuerdo a la norma ASTM D-1586-99, la cual consiste en hincar a base de golpes un muestreador del tipo tubo partido de 60.0 cm. de largo, 5.08 cm. de diámetro exterior y 3.49 cm. de diámetro interior mediante la energía proporcionada por una masa de 64.0 Kg. de peso que se deja caer libremente de una altura de 75.0 cm. El número de golpes necesarios para que el muestreador penetre los 30.0 cm. intermedios nos mide en forma indirecta la resistencia a el esfuerzo cortante del subsuelo a la profundidad muestreada.

Debido a la consistencia de los materiales detectados, se logró la penetración completa del muestreador estándar en la mayoría de las pruebas ejecutadas y solo en algunas pruebas se logró la penetración parcial de dicho muestreador; las muestras recuperadas fueron debidamente clasificadas en campo, identificadas y almacenadas para evitar la perdida de humedad y así trasladarlas a nuestro laboratorio para los análisis correspondientes de sus propiedades índice.

La presencia del nivel de aguas freáticas se detectó desde una profundidad de 4.00 m. el nivel más somero, hasta 8.10 m. el más profundo, lo cual se deberá considerar para la ejecución del proyecto, dicho nivel se presenta en cada uno de los perfiles estratigráficos anexos en las Figuras N°2 a la N°11.

VII. TRABAJOS DE LABORATORIO

Las muestras recuperadas y el material producto de la perforación se clasificaron en forma visual y al tacto en húmedo y seco de acuerdo a los lineamientos que nos marca el sistema unificado de clasificación de suelos, de acuerdo a la norma ASTM D 2936, para complementar ésta clasificación se efectuaron las siguientes determinaciones:

CONTENIDO NATURAL DE AGUA, D 2216
LIMITE LIQUIDO, D 423
LIMITE PLASTICO, D 424
CLASIFICACION PARA PROP. INGENIERIA, D 2487

Cuyos resultados se muestran en los perfiles estratigráficos anexos en las Figuras N°2 a la N°11, así como los resultados de las pruebas de penetración estándar realizadas.

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VIII. ESTRATIGRAFIA

La estratigrafía del área en estudio se describe en forma general a continuación:

En la parte superficial y con un espesor de 11.0 m., se tiene una arena de grano fino con escaso limo del color café claro, la cual resiste de 7 a 50 golpes en la prueba de penetración estándar, ejecutada de acuerdo a la Norma ASTM D 1586. Subyaciendo a estos materiales y hasta 18.0 m. de profundidad se detectó el estrato de arena de grano fino de color gris verdoso con restos de conchas, la cual resiste de 20 a 50 golpes. Finalmente y hasta la máxima profundidad explorada se detectó el estrato de arena de color gris obscuro verdoso, la cual resiste de 14 a 47 golpes.

Todas las muestras se clasificaron en campo, identificándolas y protegiéndolas para su traslado a nuestro laboratorio a la ciudad de Monterrey, Nuevo León.

IX. CAPACIDAD DE CARGA ADMISIBLE

La selección del tipo y profundidad de desplante de la cimentación, está dada generalmente por varios factores tales como son:

La magnitud de la carga estructural.

La flexibilidad de la estructura para aceptar los asentamientos diferenciales.

Las características de resistencia del subsuelo.

Las propiedades de expansión de los estratos presentes.

La presencia del nivel de aguas freáticas.

El costo de la cimentación seleccionada para las estructuras.

Con todo esto y lo obtenido en las pruebas realizadas y el tipo de materiales detectados durante la exploración, se proporciona la capacidad de carga admisible para el uso de cimentaciones superficiales para bases de cimentación o zapatas aisladas con pedestales, las cuales se podrán desplantar a cualquiera de las siguientes profundidades medidas a partir del nivel de inicio de los sondeos de exploración (dichas elevaciones se presentan en cada perfil estratigráfico para ser consideradas en el proyecto) y diseñar con su respectiva capacidad de carga admisible, verificando siempre que no se tenga material suelto en el fondo de las excavaciones:

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Bases de cimentación o Zapatas Aisladas con pedestales.

Profundidad de desplante m	Capacidad de carga admisible Kg/cm^2
1.00-1.30	1.55
2.00-2.30	2.50
3.00-3.30	3.30
4.00-4.30	4.30

Las capacidades de carga admisibles fueron calculadas con la teoría de Terzaghi considerando un factor de seguridad de 3 y un ancho unitario de 1.0 m.

Otra opción para dar solución al problema de cimentación de los futuros puentes, es el uso de pilas coladas en el lugar con fuste recto, las cuales podrán ser desplantadas a cualquiera de las siguientes profundidades de 12.0 y 15.0 m., dichos pilotes o pilas trabajarán por punta y fricción, proporcionando sus respectivas capacidades de carga admisible de acuerdo al diámetro de su construcción.

De acuerdo a los diámetros más utilizados por las compañías piloteadoras de la localidad, se proporcionan los siguientes diámetros, así como sus respectivas capacidades de carga admisible, de acuerdo al manual de Diseño y Construcción de Pilas y Pilotes de la Sociedad Mexicana de Mecánica de Suelos, considerando su respectivo factor de seguridad.

Capacidades de carga admisibles estáticas, para desplante a 12.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	22.62	65.00
0.80	0.5026	30.16	108.00
0.90	0.6361	33.93	132.00
1.00	0.7854	37.70	160.00
1.20	1.1309	45.23	222.00
1.50	1.7671	56.54	334.00
1.80	2.5447	67.86	469.00
2.00	3.1416	75.39	571.00

Todas las pilas deberán contar con el fuste de 12.0 m. a partir del nivel de inicio de los sondeos de exploración, en caso de que se generen plataformas se deberá sumar dicho espesor de plataforma a la longitud de las pilas o pilotes.

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Capacidades de carga admisibles dinámicas, para desplante a 12.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	22.62	81.50
0.80	0.5026	30.16	135.50
0.90	0.6361	33.93	166.00
1.00	0.7854	37.70	200.00
1.20	1.1309	45.23	278.00
1.50	1.7671	56.54	344.00
1.80	2.5447	67.86	585.00
2.00	3.1416	75.39	714.50

Capacidades de carga admisibles estáticas, para desplante a 15.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	28.27	107.50
0.80	0.5026	37.70	177.00
0.90	0.6361	42.41	218.00
1.00	0.7854	47.12	264.50
1.20	1.1309	56.55	368.00
1.50	1.7671	70.68	550.00
1.80	2.5447	84.82	783.50
2.00	3.1416	94.24	956.00

Capacidades de carga admisibles dinámicas, para desplante a 15.0 m. de profundidad a partir del nivel de inicio de sondeos de exploración.

Diámetro de Pila m.	Área de Punta m^2.	Área de Fricción m^2.	Cap.de Carga Admisible Ton/pila
0.60	0.2827	28.27	134.00
0.80	0.5026	37.70	221.50
0.90	0.6361	42.41	273.50
1.00	0.7854	47.12	330.50
1.20	1.1309	56.55	460.50
1.50	1.7671	70.68	687.00
1.80	2.5447	84.82	979.50
2.00	3.1416	94.24	1,195.00

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X. SISMICIDAD.

El estado de Veracruz se localiza sobre la zona sísmica "B" de acuerdo a la regionalización sísmica de la República Mexicana.

En específico el Puerto de Veracruz, y con el tipo de suelo de cimentación intermedio a partir de 1.0 m de profundidad, se determina el coeficiente sísmico para utilizar en el diseño de c= 0.30, para estructuras del grupo "B", lo cual deberá de ser evaluado por el calculista del proyecto para su uso.

Se anexa el gráfico de la regionalización sísmica de la república mexicana y sus coeficientes para los diferentes tipos de materiales detectados en el predio en estudio.

XI. RECOMENDACIONES GENERALES DE CONSTRUCCION.

Realizar la colocación de bancos de nivel para el control de niveles del proyecto.

Realizar un estudio hidrológico superficial del predio y sus alrededores para evaluar o determinar los riesgos de inundación de las futuras construcciones, para diseñar las estructuras hidráulicas que den solución a dichos riesgos.

Todas las excavaciones que se tengan que realizar para la ejecución del proyecto, se podrán ejecutar dejando taludes con una inclinación de 70° con respecto a la horizontal, debiendo de señalizar y proteger dichas excavaciones para evitar accidentes durante el proceso de la obra.

Se deberá verificar que no exista material suelto producto del proceso de corte en el fondo de las excavaciones que alojarán a la cimentación seleccionada, antes del colado de la plantilla de concreto pobre de f'c= 100 Kg/cm^2.

Cumplir con el recubrimiento mínimo de las estructuras de 5.0 cm. en caso de no contar con plantillas de concreto (o contacto con el suelo) y de 3.0 cm. en caso de contar con la plantilla de concreto o cumplir con las especificaciones del proyecto de acuerdo a su ubicación cercana al mar.

Otro aspecto muy importante, es el de proteger las excavaciones o perforaciones realizadas que alojarán a la cimentación seleccionada de las infiltraciones o inundaciones, por las lluvias que se puedan presentar durante el periodo de construcción, para evitar la saturación del material o inundaciones de las mismas y evitar maniobras de bombeo, así como el de mantener el menor tiempo posible las excavaciones abiertas, para evitar cualquier tipo de accidente.

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Para el relleno de las excavaciones, se podrá utilizar el mismo material de corte, evitando la capa orgánica o utilizar material de banco; este deberá de ser analizado antes de su uso para verificar que cumpla con los parámetros requeridos por la Secretaría de Comunicaciones y Transportes para este tipo de uso, colocándolo en capas de 0.20 m. de espesor, agregando agua en riegos para alcanzar su humedad óptima o cercana a esta y compactar al 95% de su P.V.S.M.

Para la opción del uso de pilas coladas en el lugar, se deberán de seguir las siguientes consideraciones.

La separación mínima de centro a centro entre pilas deberá ser igual o mayor a tres diámetros.

Una vez definido el arreglo de las pilas para la cimentación, no se permitirán desviaciones de la posición de proyecto de más de 7.5 cm.

La perforación se podrá realizar con augers o botes para extraer el material de recorte, utilizando ademe metálico recuperable o lodo bentonítico para la estabilización de las paredes de las perforaciones.

Cuidar de no golpear las paredes de la perforación con el acero de refuerzo, para evitar la caída del material al fondo de la excavación.

El colado de las pilas deberá de realizarse con descarga ahogada con tubo Tremié, para garantizar la calidad del concreto, esto en el menor tiempo posible sin permitirse ninguna interrupción.

Se deberá de proporcionar toda la información a las compañías piloteadoras que realicen la cotización de los trabajos, para evitar sobre costos por cambio de equipo o herramientas durante la ejecución de las pilas y considerar la presencia del nivel de agua freática desde los 4.0 a los 8.10 m. detectados durante la exploración de este estudio.

Utilizar concreto premezclado de cualquiera de las compañías concreteras de la localidad para los elementos principales, y si se fabrica en obra concreto para estructuras secundarias, se deberá verificar los proporcionamientos para las resistencias requeridas por el diseño de estos elementos estructurales, realizando dicho concreto con revolvedora y cuidando la relación agua-cemento en cada bachada que se realice.

Todos los elementos de concreto que se construyan para el proyecto, se recomienda que se curen con un aditivo de conocida marca y no con riegos de agua y se realice su revisión estructural, las cuales deberán de cumplir con los requisitos de diseño y de estática correspondiente.

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Los valores recomendados para realizar el diseño de las cimentaciones están de acuerdo al tipo de materiales detectados y a los resultados de las pruebas realizadas en el predio explorado, por lo que no deberán de correlacionarse en otro sector.

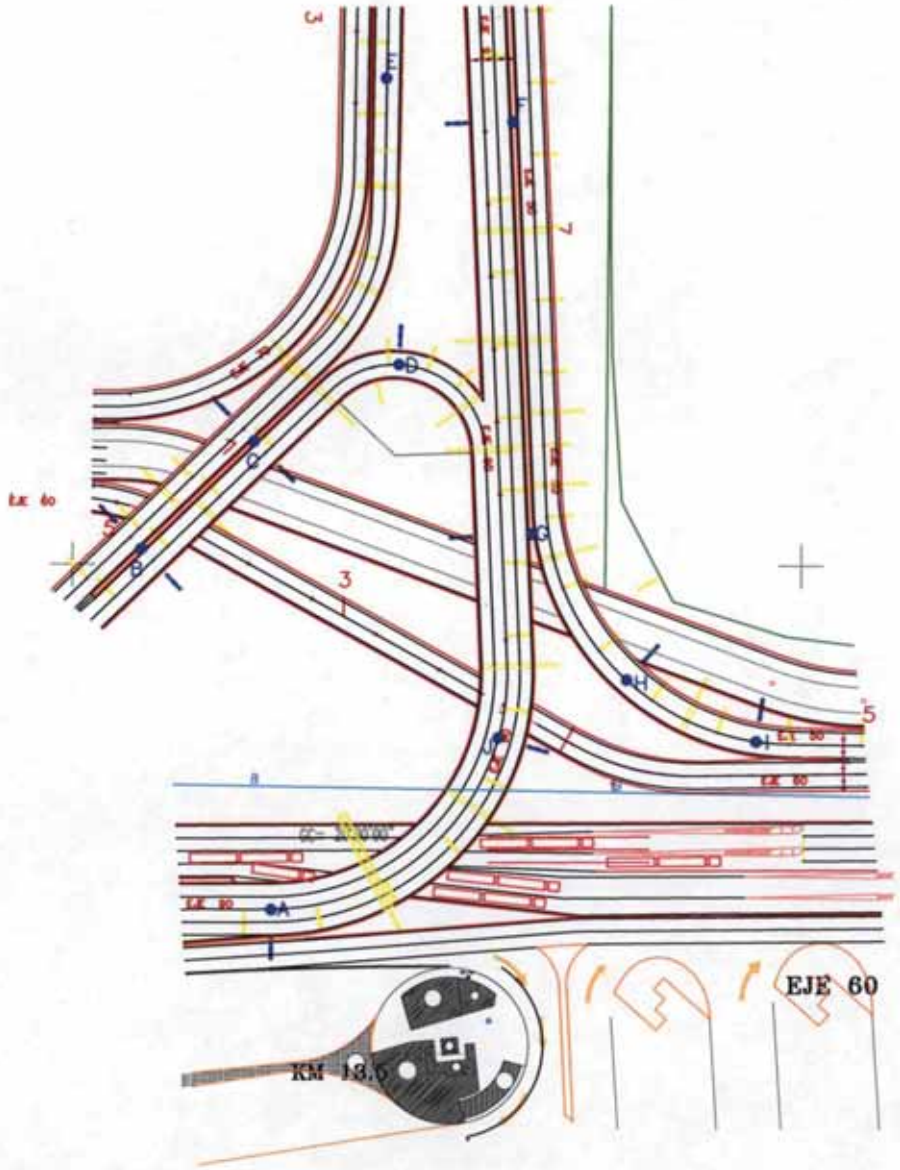
Con las capacidades de carga admisibles proporcionadas, se podrán realizar los diseños de las cimentaciones antes recomendadas, los cuales serán verificados por la supervisión de la construcción.

La supervisión de la obra deberá verificar, niveles de desplante, características de los materiales sobre los que se desplantará la cimentación, calidad de los materiales de construcción, así como los procedimientos constructivos y especificaciones del proyecto se cumplan en todo momento.

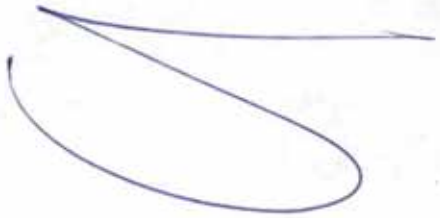
Esperando que la información proporcionada sea de utilidad para la ejecución de las ingenierías del proyecto, quedo de usted como su más atento y seguro servidor, para cualquier duda o aclaración.

A T E N T A M E N T E

ING. LUIS JIMENEZ RODRIGUEZ
GERENTE GENERAL
CEDULA PROFESIONAL 1825655



SONDEO	ELEVACION
A	14.318
B	12.703
C	10.324
D	10.999
E	9.444
F	10.215
G	10.657
H	10.466
I	12.601
J	13.435



EEMSSA
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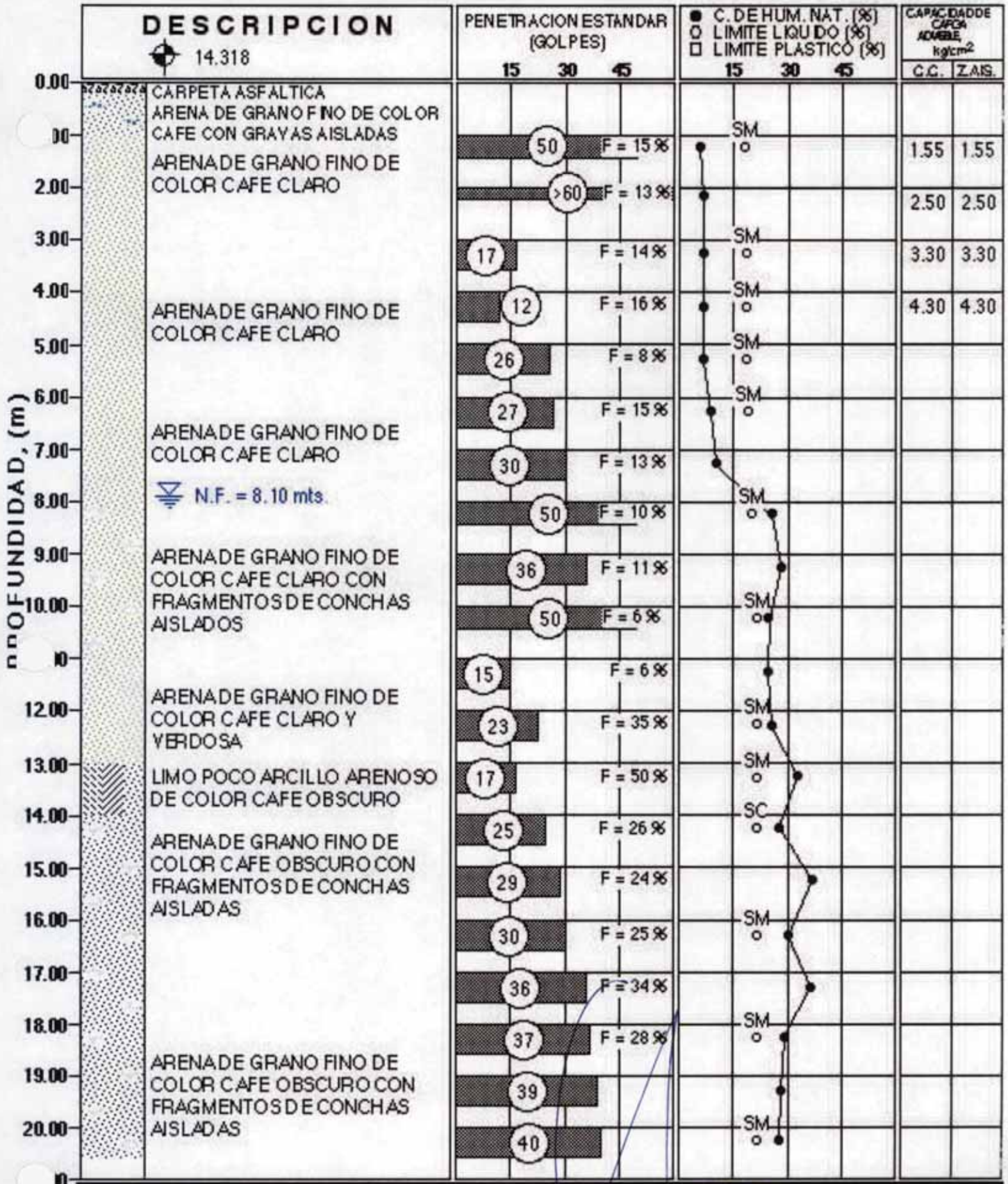
CONSTRUCTORA MOYEDA S.A. DE C.V.

CONSTRUCCION DE COMPLEJO VIAL
API VERACRUZ
VERACRUZ, VERACRUZ

PLANO: UBICACION DE SONDEOS DE EXPLORACION

ESCALA: SIN ESCALA

FECHA : DICIEMBRE/2008



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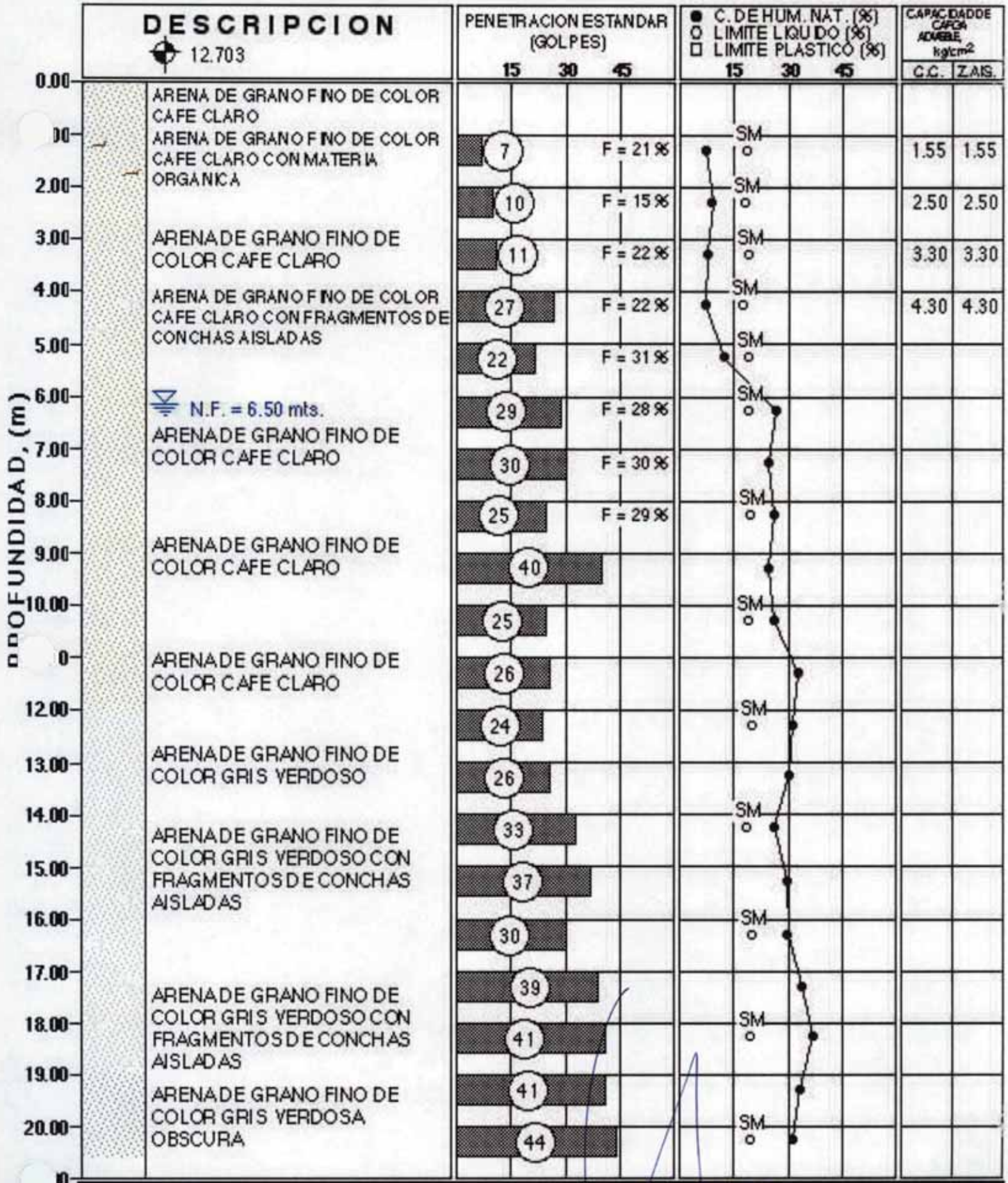
VERACRUZ, VERACRUZ

MONTERREY, N.L. DICIEMBRE DEL 2008

SONDEO NºA

FIGURA Nº2

FEMSSA



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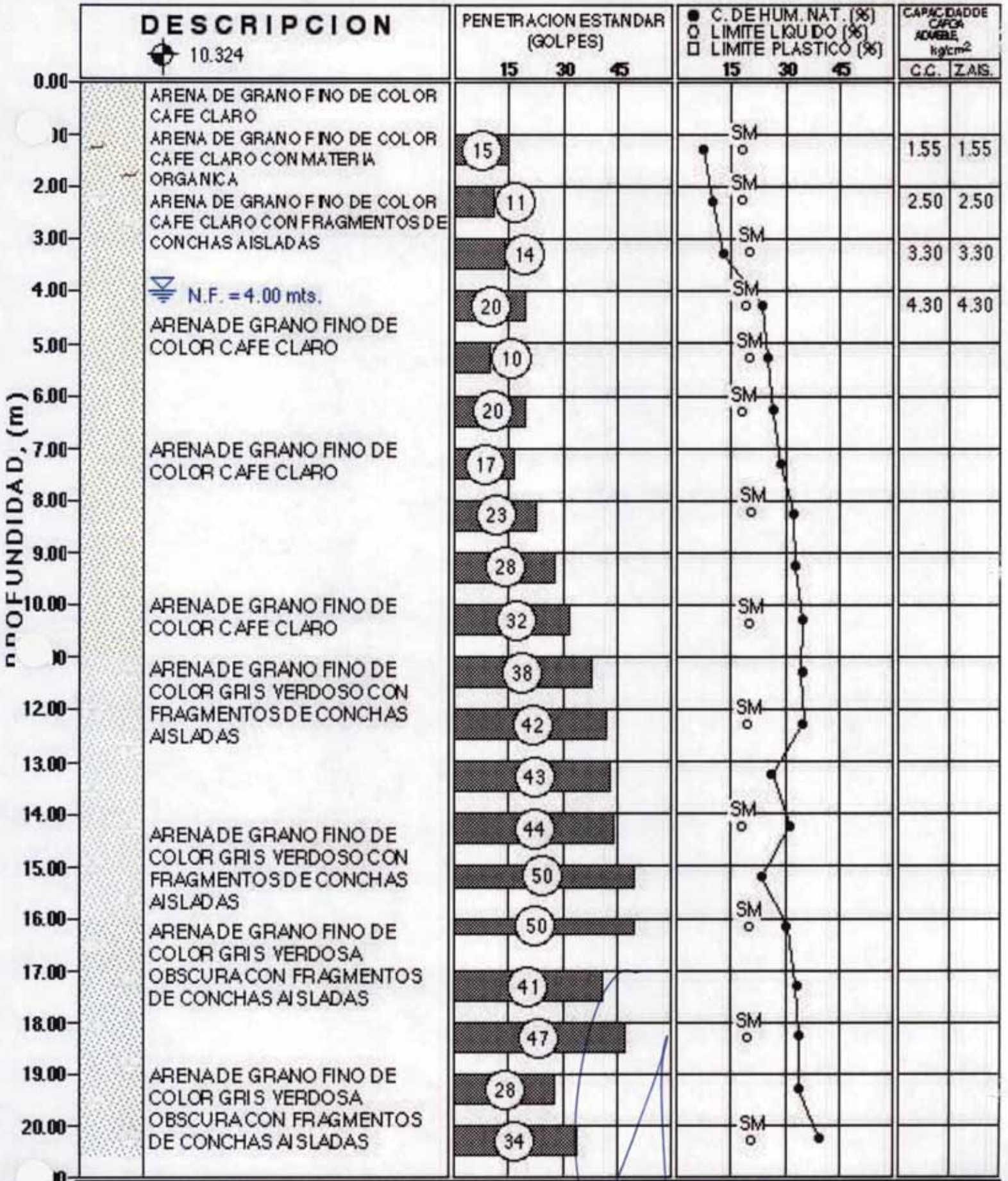
SONDEO Nº B

FEMSSA



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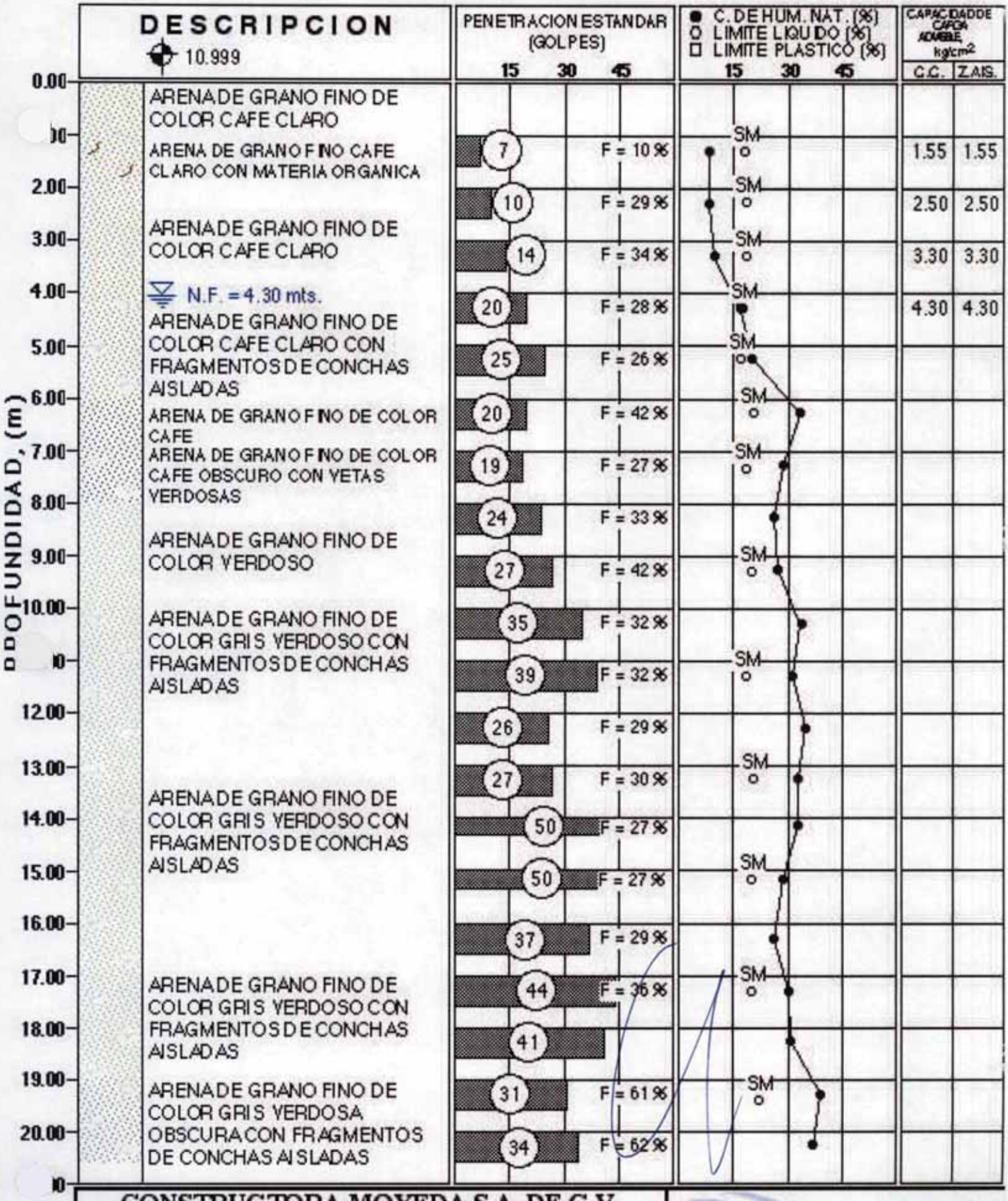
SONDEO NºC

FIGURA Nº1

FEMSSA



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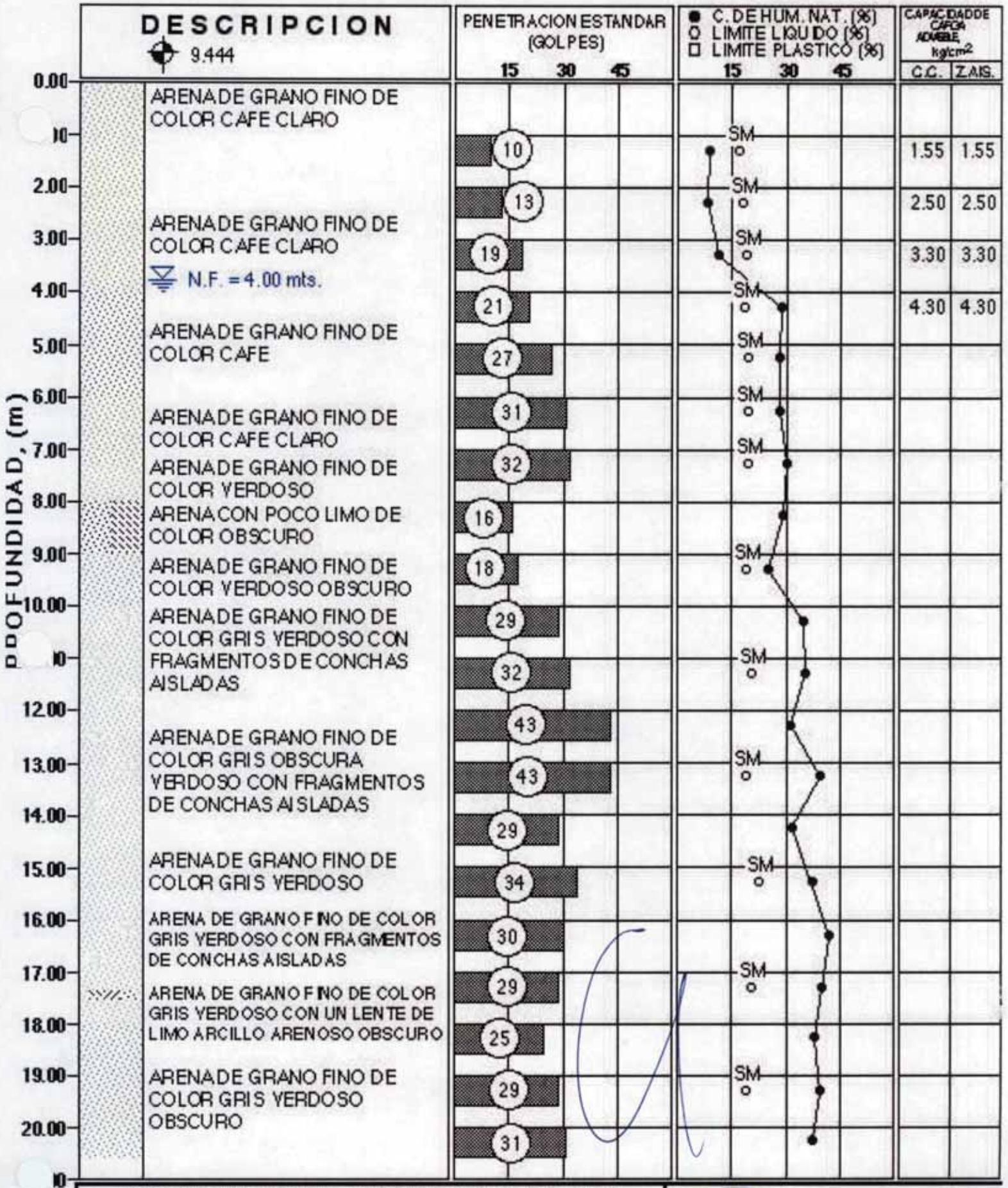
SONDEO Nº D

FEMSSA



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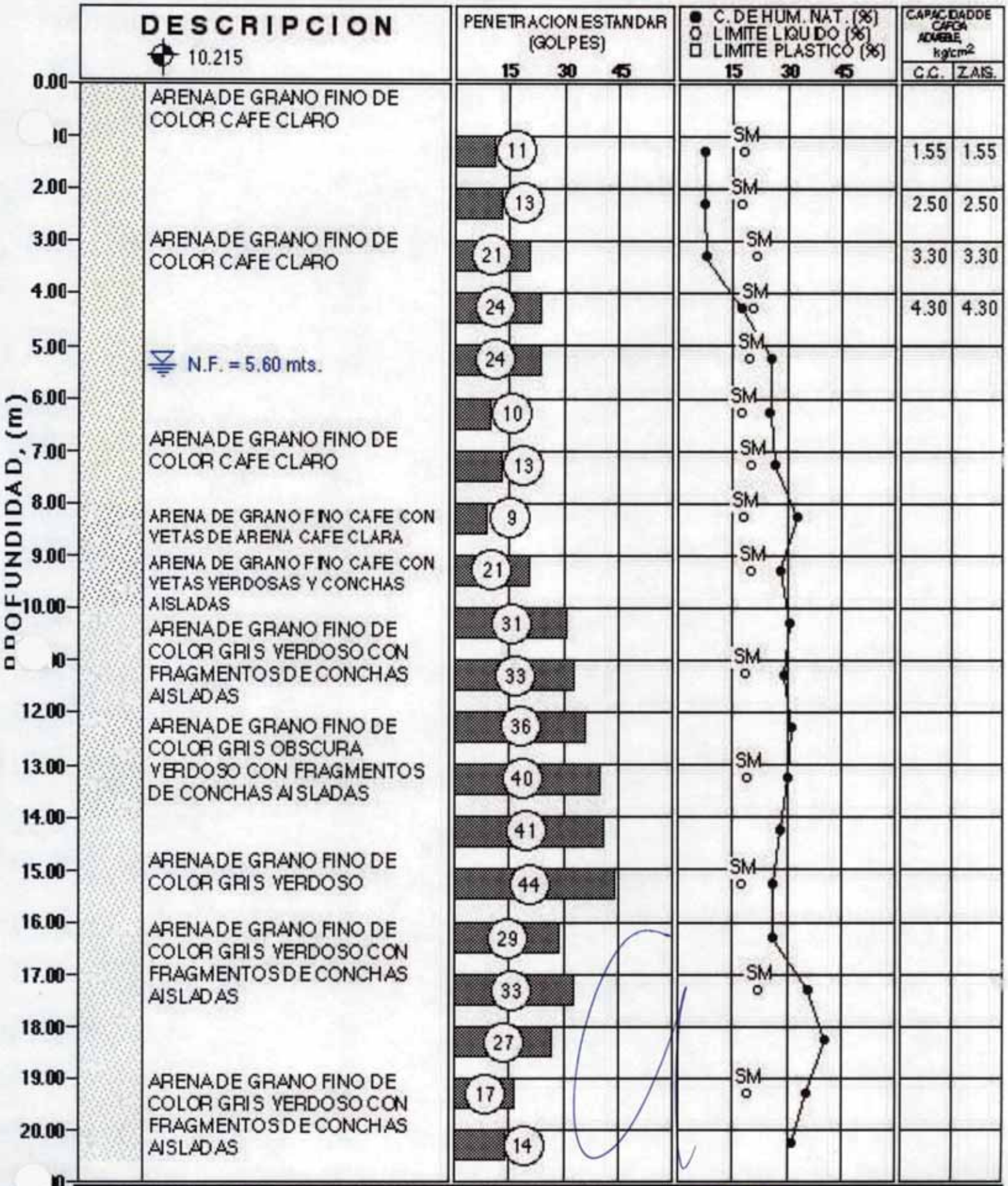
SONDEO Nº E

FIGURA Nº

FEMSSA



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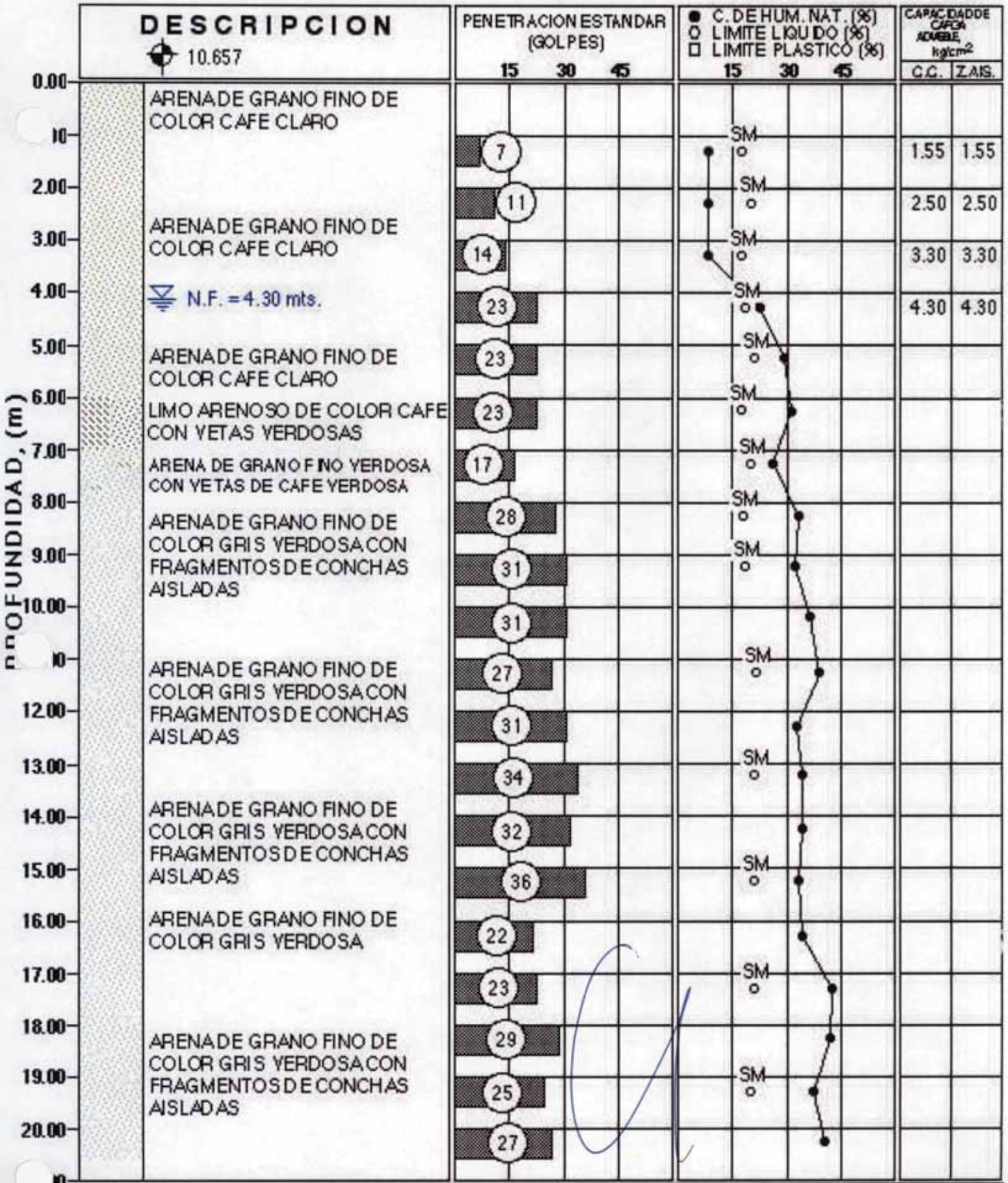
SONDEO Nº F

FIGURA Nº 7

EEMSSA



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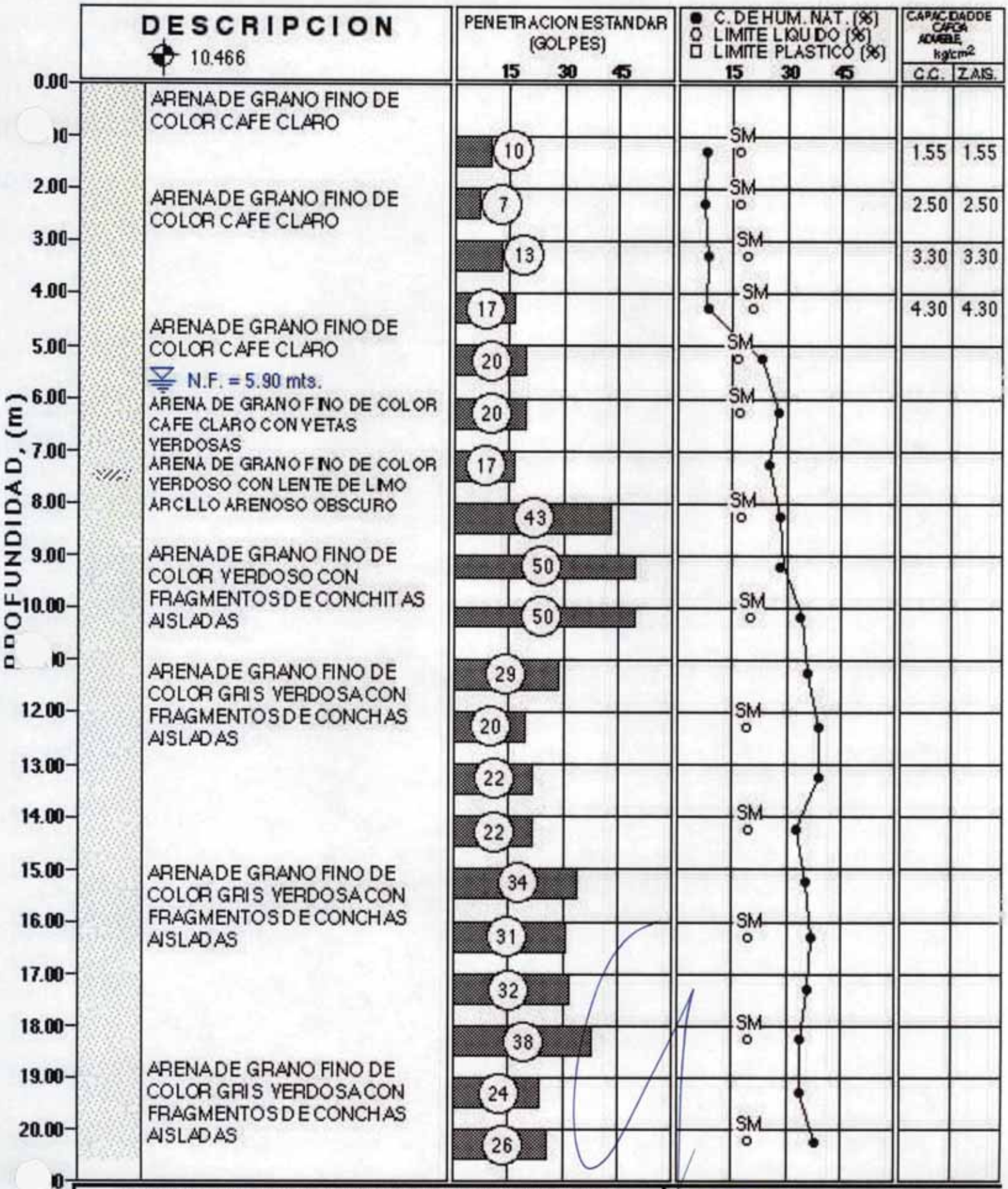
SONDEO NºG

FIGURA NºG

FEMSSA



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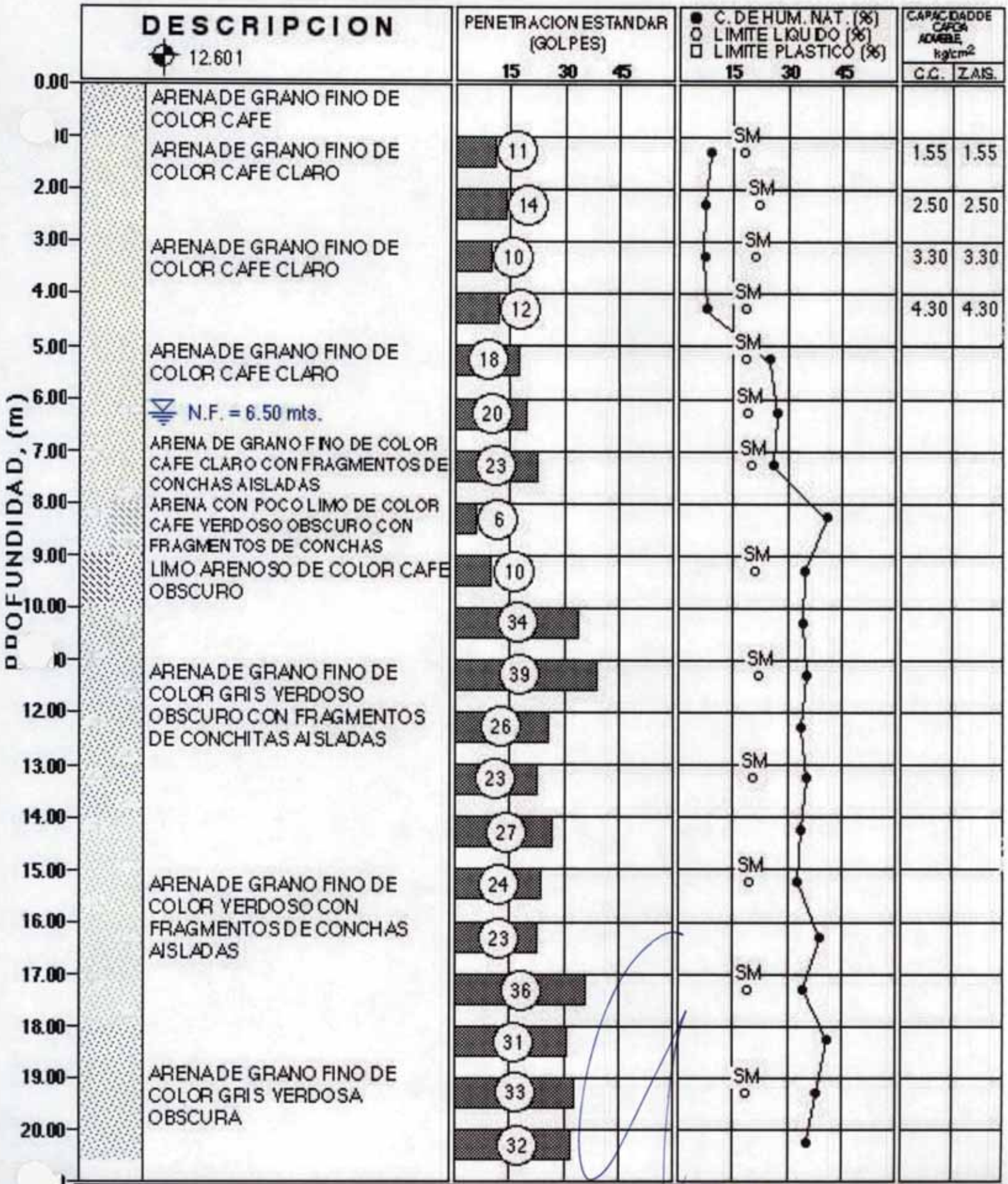
SONDEO NºH

FEMSSA



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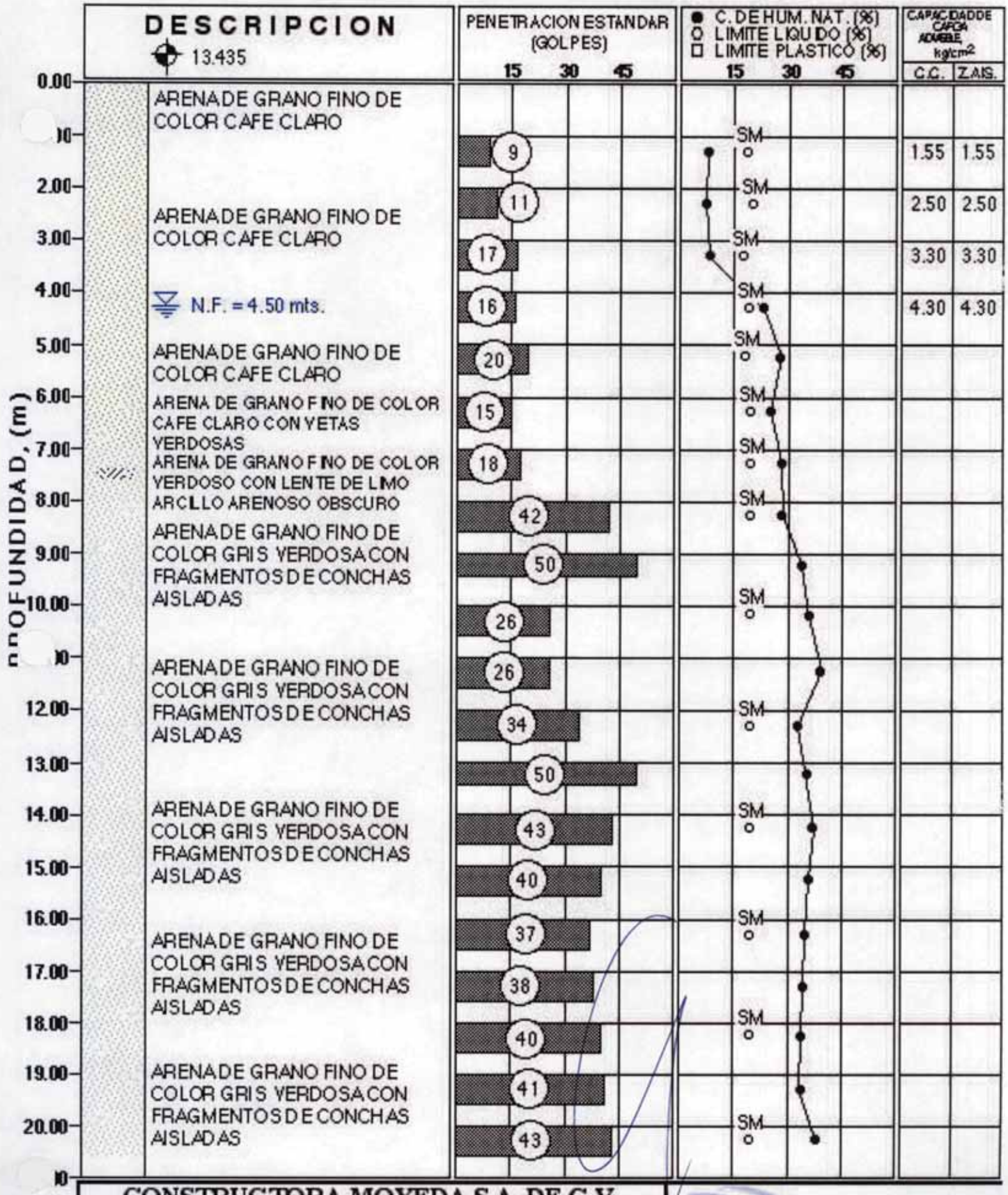
SONDEO Nº1

FIGURA Nº10

FEMSSA



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SONDEO Nº J

FIGURA NM11

FEMSSA

EEMSSA

ZONA SISMICA	TIPO DE SUELO	COEFICIENTE SISMICO " C "
B	I (FIRME)	0.14
	II (INTERMEDIO)	0.30
	III (SUAVE)	0.36

Para Estructuras del Grupo "B"

REGIONALIZACION SISMI DE VERACRUZ, VERACRUZ

Proyecto: "EJECUCION DE SONDEOS DE PENETRACION ESTANDAR CON MAQUINA PERFORADORA ROTATORIA EN EL AREA DE LA FUTURA CONSTRUCCION DEL COMPLEJO VIAL EN INSTALACIONES DEL API VERACRUZ, EN EL PUERTO DE VERACRUZ, VERACRUZ. ".

Se presenta una vista general del área en donde se desarrollará el complejo vial, apreciando las dunas de arena y la vegetación existente.

Se presenta otra vista general del área en estudio, apreciando la vegetación y vialidad al fondo existente.

Otra vista durante los trabajos de exploración, apreciando la vialidad y l ıdal existente de la misma, así como el acceso generado ı nto de exploración.

Otra vista mas de la vegetación tipica del area ·· estudio la cual fue removida en parte para lograr los acceso os puntos de exploración por pare del API Veracruz.

Se presenta la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "D", apreciando al fondo la vegetación existente en el área del proyecto.

Otra vista de la ubicación del sondeo "D", apreciando la generación del acceso con maquinaria pesada por parte de API Veracruz.

Una vista más de la ejecución del muestreo alterado, durante la exploración del sondeo "D", apreciando el cárcamo de bombeo del lodo bentonítico.

EEMSS.

Se presenta la ubicación del equipo de perforación en el punto donde se ejecutó el sondeo de exploración "I", apreciando la ejecución de una prueba de penetración estándar.

Se presenta el tubo partido de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, con la muestra recuperada a una profundidad de 8.0 m.

Se presenta la extracción de las barrenas de muestreo, despues de ejecutada la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "I".

Se presenta el tubo partido de la prueba de penetración estándar, apreciando la muestra recuperada, la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis, apreciando la coloración de la arena.

Se presenta una vista de la ubicación del sondeo "I", apreciando el desnivel existente con la vialida en uso, observando el barandal de protección.

Se presenta la introducción de la barras de perforación para la continuación del avance de perforación en el sondeo "I".

Se presenta la extracción de las barras de perforación con la broca utilizada para el avance de la perforación con lodo bentonitico, para la ejecución del muestreo alterado.

EEMSSA

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración " H", observando el acceso generado con maquinaria pesada.

Otra vista de la ubicación del punto en donde se ejecutó la exploración "H", apreciando la estaca de referencia topográfica.

Se presenta la instalación de la barrena espiral sólida, utilizada para la perforación en la parte superficial del sondeo de acuerdo a la Norma ASTM D 1452 en seco.

EEMSSA

Otra vista de la ejecución del avance de la perforación con las barrenas espirales sólidas de acuerdo a la Norma ASTM D 1452, en seco, observando el barandal de la vialidad existente.

Se presenta la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, en el sondeo "H".

Se presenta el tubo partido de la prueba de penetración estándar, apreciando la muestra recuperada a una profundidad de 7.0 m., la cual se clasificó y trasaldó.

Se presenta la preparación del cárcamo de bombeo para el lodo bentonitico, utilizado como fluido de perforación para estabilización de las paredes de la perforación.

Se muestra el barril de lodo bentonitico utilizado, para la perforación con la broca drag bit.

EEMSSA

Se presenta la inyección del lodo bentonitico para la estabilización de las paredes de la perforación en el sondeo "H".

Se presenta la ejecución de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "H".

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada en el muestreo alterado,a una profundidad de 9.0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada, a una profundidad de 12.0 m, observando la coloración de la arena.

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración "J", apreciando las dunas de arena existentes en el área de exploración.

Se presenta el acceso generado hasta el punto de exploración del sondeo "J", apreciando el denivel con la vialidad existente, y la vegetación.

Otra vista más de la ubicación del sondeo de exploración "J", apreciando el barandal de la vialidad existente.

EEMSSA

Se presenta el equipo de perforación Central Mine Equipment CME-55 en el punto en donde se ubicó el sondeo "J", apreciando al fondo la vegetación tipica del área en estudio.

Se presenta el avance de la perforación con las barrenas espirales sólidas de 4.25" de diámetro externo de acuerdo a la Norma ASTM D 1452 en el sondeo "J".

Se presenta la ejecución del muestreo alterado mediante la prueba de penetración estándar de acuerdo a la ASTM D 1586 en el sondeo "J", observando las barrenas colgadas.

Se presenta el tubo partido de la prueba de penetración estandar con la muestra recuperada en el muestreo alterado, la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta el avance de la perforación en el sondeo "J" utilizando lodo bentonitico.

Otra vista más de la ejecución del avance de la perforación con el uso de lodo bentonitico en el sondeo "J".

Se presenta la ejecución de una prueba de penetración estándar de acuerdo a la Norma ASTM D 1586, la cual se realizo a cada metro de profundidad durante la exploración.

Se presenta el martinete de la prueba de penetración estándar, durante la ejecución del muestreo alterado en el sondeo "J", observando al fondo la vegetación típica del área en estudio.

EEMSSA

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada una profundidad de 11,0 m., dicha muestra se clasificó en campo y se trasladó a nuestro laboratorio.

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra de arena recuperada a una profundidad de 16.0 m.

Se presenta el tubo partido de la prueba de penetración estándar, con la muestra recuperada, a la máxima profundidad de exploración 20.0 m, apreciando la coloración de la arena detectada.

EEMSSA

Se presenta la ubicación del punto en donde se ejecutó el sondeo de exploración "G", apreciando las dunas de arena y vegetación existente.

Se muestra el avance de la perforación con las barrenas espirales sólidas de 4.25" de diámetro externo de acuerdo a la Norma ASTM D 1452 en el sondeo " G".

Se presenta la ejecución de la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "G", apreciando las barrenas espirales colgadas durante dicha prueba.

Otra vista de la ejecución de la prueba de penetración estándar la cual se realizó a cada mestro de profundidad, durante la exploración realizada.

EEMSSA

Otra vista de la ejecución del muestreo alterado, observando las barrenas espirales colgadas durante dicho muestreo, apreciando parte del área en estudio.

Se observa el tubo partido de la prueba de penetración estándar con la muestra de arena recuperada a la profundidad de 7.0 m., la cual se clasificó y trasladó a nuestro laboratorio.

Se presenta la preparación del cárcamo para el lodeo bentonitico en el sondeo "G".

Se presenta el inyectado del lodo bentonitico para la estabilización de las paredes de perforación y continuar con la exploarción en el sondeo "G".

EEMSSA

Se presenta el avance de la perforación con el sistema de inyección de lodo bentonítico y broca tricónica en el sondeo "G", observando al fondo las dunasde arena presentes.

Otra vista de la ejecución del muestreo alterado, mediante la prueba de penetración estándar de acuerdo a la Norma ASTM D 1586 en el sondeo "G".

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada a una profundidad de 8.0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

EEMSSA

Se presenta la introducción de las barras de perforación para la continuación del avance de la perforación con la inyección del lodo bentonitico.

Se presenta la extracción de las barras de perforación para la ejecución del muestreo alterado, mediante la prueba de penetración estándar.

Otra vista más de la extracción de las barrenas de perforación durante la ejecución del sondeo "G", apresiando la arena de color claro removida para el equipo de perforación.

Se presenta el tubo partido de la prueba de penetración estándar con la muestra recuperada en el muestreo alterado,a una profudnidad de 18.0 m., la cual se clasificó en campo y se trasladó a nuestro laboratorio para su análisis.

Se presenta el tubo partido de la prueba de penetración estándar, con la ultima muestra recuperada a 20.0 m. en el sondeo "G", observando la coloración obscura de la arena.

EEMSSA

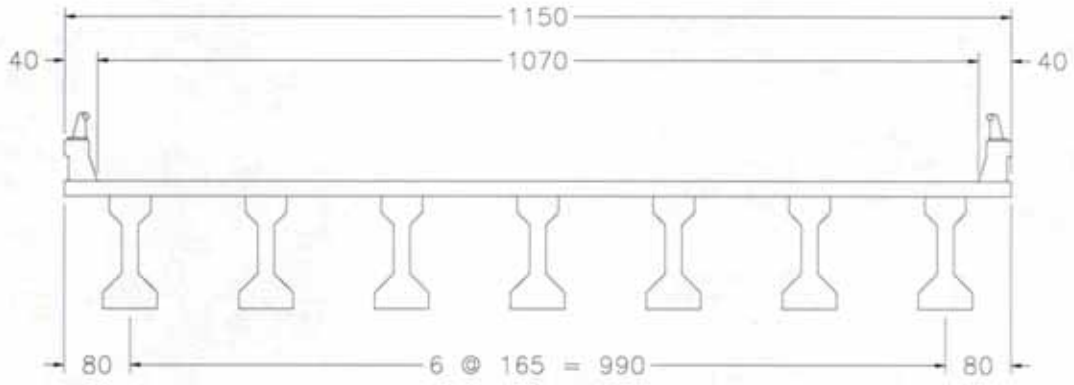
DISEÑO DE LOSA REFORZADA

EJE 90

DISTRIBUIDOR JT

1. Sección transversal

La sección transversal del puente que se propone se muestra en el siguiente diagrama:



2. Claro de diseño para la losa

De acuerdo al reglamento del AASHTO en su 16a. Edición en su apartado 3.24.1.2 el claro de una losa apoyada sobre vigas es igual al claro libre.

S = 165 - 50 = 115 cm

3. Cargas Muertas

Peso Propio = 2,400 × 0.18 = 432 kg/m2

Carpeta = 2,200 × 0.12 = 264 kg/m2

Total Carga Muerta = 432 + 264 = 696 kg/m2

El momento por carga muerta por metro de ancho esta dado por :

$$Mdl = \frac{W \times L^2}{10} = 92 \text{ kg-m/m}$$

4. Cargas Vivas

De acuerdo al inciso 3.24.3.1 del reglamento del AASHTO, el momento debido a carga viva para una losa es igual a :

$$Mll = 0.80 \times \frac{S+2}{32} \times P$$

donde :

S = 1.15 m = 3.77 ft

$P_{HS\text{-}20}$ =16,000 lb

Sustituyendo:

$$M_{LL} = 0.80 \times \frac{3.77+2}{32} \times 16000 = 2{,}308 \text{ lb-ft/ft} = 1{,}047 \text{ kg-m/m}$$

5. Impacto

De acuerdo al inciso 3.8.2 del AASHTO el impacto se puede estimar como:

$$I = \frac{50}{L+125} = \frac{50}{3.77+125} = 0.39$$

El impacto no debe ser mayor del 30 % por lo que para el diseño de la losa se usará un 30% de impacto.

6. Momento de diseño

El momento de servicio para la losa es igual a :

$M = M_{DL} + M_{LL} + M_{Impacto}$

$M = 92 + 1.3\ (1047) = 1{,}453$ kg-m/m

7. Diseño a flexión

La losa se diseñará utilizando la teoría de esfuerzos permisibles. De acuerdo al reglamento del AASHTO en su apartado 8.15 los esfuerzos permisibles para el acero y concreto a flexión son :

fs = 24,000 psi = 1,680 kg/cm2

fc = 0.40 f´c = 100 kg/cm2

Por lo que el peralte mínimo de la losa se puede encontrar como :

$$d = \sqrt{\frac{2 \times M}{fc \times k \times j \times b}}$$

Sustituyendo los siguientes valores se obtiene que :

M = 145,310 kg-cm/m

$$N = \frac{2.039 \times 10^6}{15100\sqrt{250}} = 8.54$$

$$k = \frac{8.54}{8.54 + \frac{1680}{100}} = 0.337$$

$$j = 1 - \frac{k}{3} = 0.888$$

b = 100 cm

$$dmin = \sqrt{\frac{2 \times 145310}{100 \times 0.337 \times 0.888 \times 100}} = 9.9 \text{ cm}$$

Por lo que el espesor mínimo de losa es igual a :

hmin = 9.9 + 0.6 + 4 = 14.5 cm < 18 cm ∴El peralte es adecuado

d = 18 – 0.6 - 4.0 = 13.4 cm

El acero requerido a flexión en la parte superior e inferior de la losa es igual a :

$$As\ req = \frac{145310}{1680 \times 0.888 \times 13.4} = 7.3 \text{ cm2/m}$$

∴Utilizar varillas del No.4 @ 15 cm arriba y abajo.

8. Acero de distribución

De acuerdo con el inciso 3.24.10 del AASHTO, se deberá proveer acero en la parte inferior de la losa perpendicular al acero principal de acuerdo a la siguiente fórmula:

$$\% = \frac{220}{\sqrt{S}} = \frac{220}{\sqrt{3.77}} = 113\% \quad \therefore$$ Utilizar el 67%

Asdistribución = 7.3 cm2/m × 0.67 = 4.9 cm2/m

∴ Utilizar varillas del #4 @ 20 cm en la parte de abajo

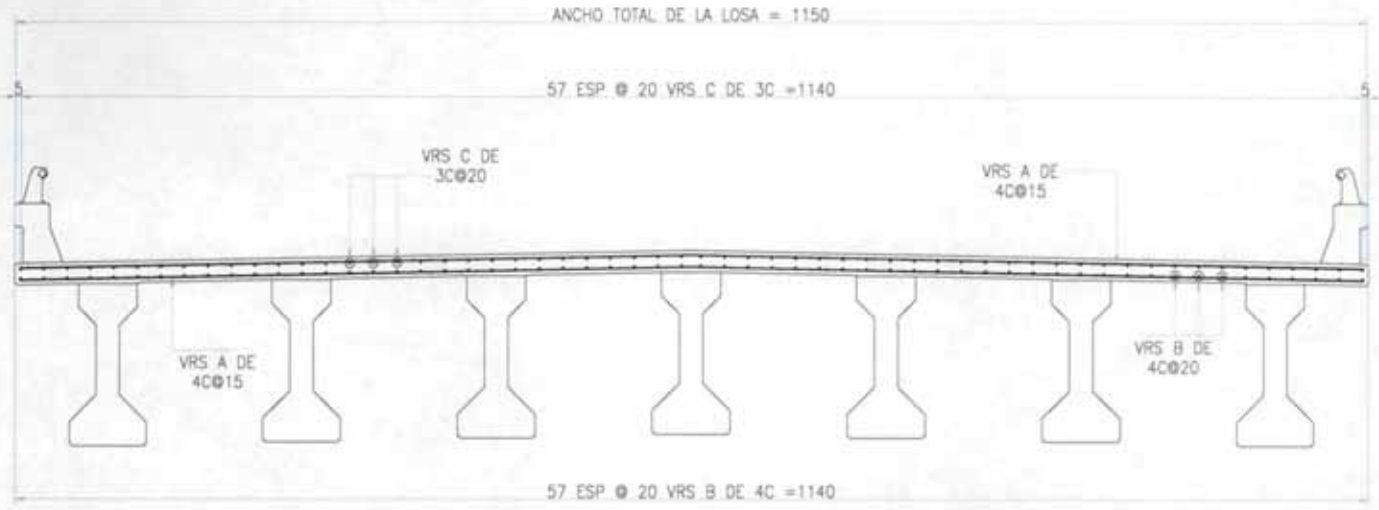
9. Acero por temperatura

El acero de refuerzo por temperaturas es igual a :

As = 0.0018 × 100 × 18 = 3.24 cm2/m

∴ Utilizar varillas del #3 @ 20 cm en la parte de arriba

10. Croquis de la losa



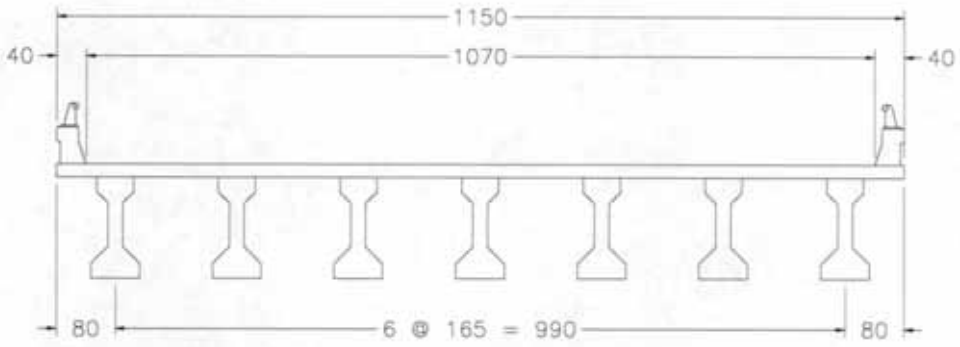
DISEÑO DE VIGA PRESFORZADA DE 27.96 M

EJE 90

DISTRIBUIDOR JT

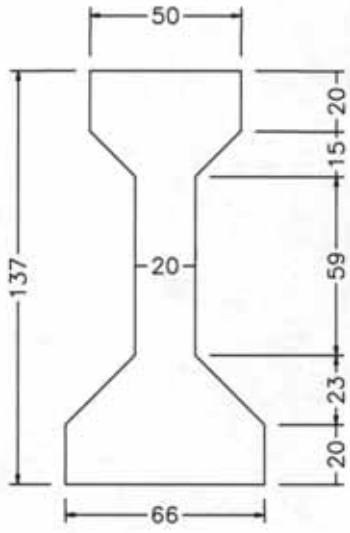
1. Sección transversal

La sección transversal del puente se muestra en la siguiente figura:



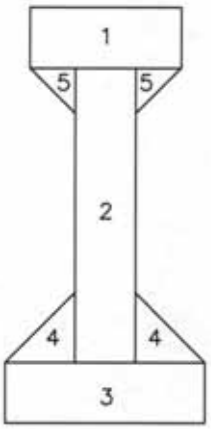
2. Propiedades de la sección

La viga que se propone posee las siguientes dimensiones:



2.1 Propiedades de la sección

El cálculo de las propiedades de la viga se muestra en la siguiente tabla:



Elemento	Ancho	Altura	Area	y	Ay	d	d2	Ad2	I	I+Ad2
1	50.00	20.00	1,000.00	127.00	127,000.00	64.59	4,171.82	4,171,818.46	33,333.33	4,205,151.80
2	20.00	97.00	1,940.00	68.50	132,890.00	6.09	37.08	71,941.83	1,521,121.67	1,593,063.50
3	66.00	20.00	1,320.00	10.00	13,200.00	-52.41	2,746.85	3,625,839.86	44,000.00	3,669,839.86
4	23.00	23.00	529.00	27.67	14,635.67	-34.74	1,207.13	638,569.61	15,546.72	654,116.33
5	15.00	15.00	225.00	112.00	25,200.00	49.59	2,459.13	553,304.25	2,812.50	556,116.75
Totales			**5,014.00**		**312,925.67**			**9,061,474.01**	**1,616,814.22**	**10,678,288.23**

La distancia a la fibra superior e inferior es respectivamente:

c1 = 74.59 cm

c2 = 62.41 cm

El módulo de sección superior e inferior es respectivamente:

$$S1 = \frac{I}{c1} = 143{,}161 \text{ cm3}$$

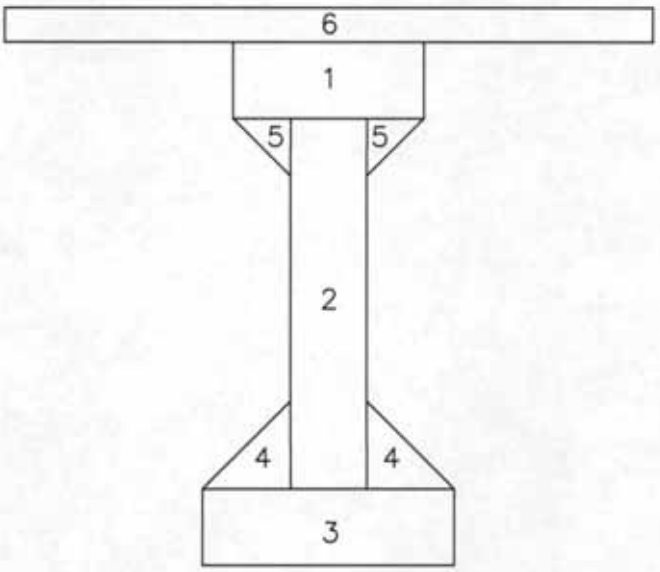
$$S2 = \frac{I}{c2} = 171{,}098 \text{ cm3}$$

2.2 Propiedades de la sección compuesta

El ancho efectivo de losa que trabaja en acción compuesta con la viga al centro del claro es igual a:

$$Befectivo = \frac{Blosa}{N} = \frac{165}{1.265} = 130.4$$

Las propiedades de la sección compuesta se muestran en la siguiente tabla:



Elemento	Ancho	Altura	Area	y	Ay	d	d2	Ad2	I	I+Ad2
	(cm)	(cm)	(cm2)	(cm)	(cm3)	(cm4)	(cm)	(cm2)	(cm4)	(cm4)
1	50.00	20.00	1,000.00	127.00	127,000.00	37.93	1,438.69	1,438,686.72	33,333.33	1,472,020.05
2	20.00	97.00	1,940.00	68.50	132,890.00	-20.57	423.12	820,860.39	1,521,121.67	2,341,982.06
3	66.00	20.00	1,320.00	10.00	13,200.00	-79.07	6,252.06	8,252,720.67	44,000.00	8,296,720.67
4	23.00	23.00	529.00	27.67	14,635.67	-61.40	3,770.37	1,994,523.83	15,546.72	2,010,070.55
5	15.00	15.00	225.00	112.00	25,200.00	22.93	525.79	118,301.85	2,812.50	121,114.35
6	130.44	18.00	2,347.99	146.00	342,806.71	56.93	3,241.03	7,609,904.23	63,395.76	7,673,299.99
Totales			**7,361.99**		**655,732.38**			**20,234,997.68**	**1,680,209.98**	**21,915,207.67**

La distancia a la fibra superior e inferior es respectivamente:

c1 = 65.9 cm

c2 = 89.1 cm

El módulo de sección superior e inferior es respectivamente:

$$S1losa = \frac{I}{c1} = 332{,}401 \text{ cm3}$$

$$S1viga = \frac{I}{c1viga} = 457{,}233 \text{ cm3}$$

$$S2 = \frac{I}{c2} = 246{,}045 \text{ cm3}$$

3. Claro de la viga

La longitud total de la es de 27.96 m, tomando el eje de apoyos a 30 cm de la parte final de la viga el claro de diseño es de:

Claro = 27.96 - 0.60 = 27.36 m

4. Cargas Muertas antes de la acción compuesta

4.1 Peso Propio

$Wpp = 2{,}400 \times 0.5014 = 1{,}203$ kg/m

4.2 Losa

$Wlosa = 2{,}400 \times 0.20 \times 1.65 = 792$ kg/m

4.3 Diafragmas

Se colocarán 3 diafragmas, dos en los extremos y uno en el centro:

Peso Diafragma $= 2{,}400 \times 0.30 \times 1.40 \times 1.17 = 1{,}179$ kg

5. Cargas Muertas después de la acción compuesta

$$WDL_{NC} = \frac{530 + 2825 + 530}{7}$$

$WDL_{NC} = 555$ kg/m

6. Cargas Vivas

6.1 Camión T3-S2-R4

El momento y cortante máximo producido por un camión T3-S2-R4 en una línea es igual a:

$M_{T3\text{-}S2\text{-}R4}$= 303.4 Ton-m

$V_{T3\text{-}S2\text{-}R4}$= 48.4 Ton

6.2 Impacto

De acuerdo al inciso 3.8.2 del AASHTO el impacto se puede estimar como:

$$I = \frac{50}{L+125} = \frac{50}{96.3+125} = 0.23$$

6.3 Factor de distribución de línea

6.3.1 Factor de distribución de acuerdo al AASHTO

De acuerdo al reglamento del AASHTO, en su inciso 3.23.2, el factor de distribución de línea de carga para cada viga interior es igual a:

$$DFint = \frac{S}{11} = \frac{5.42}{11} = 0.49$$

6.3.2 Factor de distribución por COURBON

El factor de distribución por el método del COURBON, se puede expresar mediante la siguiente fórmula

$$DF = \frac{\Sigma P}{Nvigas} + \frac{\Sigma Mc}{Stablero}$$

Por lo que substituyendo se obtiene que:

Pv = 2 líneas

Mc = 4.60

$$FD_{2lineas} = \frac{2}{7} + \frac{4.6}{15.4} = 0.58$$

6.4 Elementos mecánicos de diseño por carga viva

Vviva+impacto = 0.58 × 1.23× 48.4 Ton = 34.5 Ton

Mviva+impacto = 0.58 ×1.23 × 303.4 Ton-m = 216.4 Ton-m

7. Esfuerzos permisibles

Los esfuerzos permisibles que se utilizarán en el diseño de la viga son

7.1 Esfuerzos permisibles en el acero de presfuerzo

El esfuerzo al tensado en el acero de presfuerzo será igual a :

fpsi = 0.75 fpu = 14,250 kg/cm2

7.2 Esfuerzos permisibles en el concreto

Los esfuerzos en el concreto no serán mayores de los que se indican en la siguiente tabla:

	Compresión	***Tensión***
Al tensar	0.60 f´ci	$1.6\sqrt{f'ci}$
En Operación	0.40 f´c	$0.8\sqrt{f'c}$

Sustituyendo los valores de f´ci y f´c en la tabla anterior nos queda que:

f´c= 400 kg/cm2

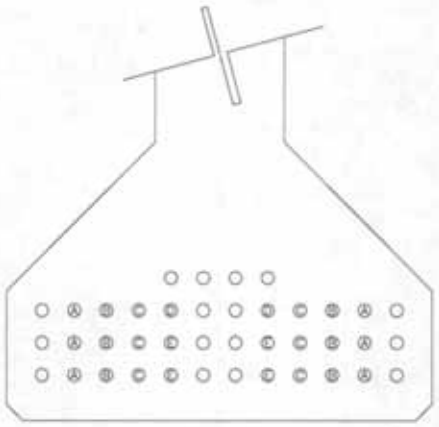
f´ci = 0.80 × 400 kg/cm2 = 320 kg/cm2

	Compresión	***Tensión***
Al tensar	192 kg/cm2	28.6 kg/cm2
En Operación	160 kg/cm2	16.0 kg/cm2

8. Acomodo de presfuerzo

Se propone utilizar 40 torones de ½" de diámetro de acero de refuerzo de baja relajación con una resistencia a la ruptura no menor de 19,000 kg/cm2.

El acomodo del acero de presfuerzo se hará de la siguiente manera:



40 TORONES DE 1/2"

LONGITUDES DE ENDUCTAMIENTO					
GRUPO	CAPA-1	CAPA-2	CAPA-3	CAPA-4	LONGITUD DE ENDUCTAMIENTO
A	2	2	2	0	1.5
B	2	2	2	0	2.5
C	2	2	2	0	4.0
D	0	0	2	0	5
E	0	2	0	0	7
F	2	0	0	0	9

9. Cálculo de pérdidas en el acero de presfuerzo

Las pérdidas se calcularán en base al inciso 9.16 del AASHTO

9.1 Pérdidas por contracción

Las pérdidas por contracción y temperatura son iguales a:

SH = 17,000 - 150 RH

SH = 562 kg/cm2

9.2 Pérdidas por acortamiento elástico

$$ES = \frac{Es}{Eci} \times fcir$$

ES = 1,279 kg/cm2

9.3 Pérdidas por flujo plástico en el concreto

CRc = 12 fcir - 7 fcds

CRc = 1,660 kg/cm2

9.4 Pérdidas por relajamiento en el acero

CRs = 5,000 - 0.10 ES - 0.05 (SH + CRc)

CRs = 112 kg/cm2

9.5 Fuerza final en el acero

El total de las pérdidas es igual a:

Pérdidas = 3,614 kg/cm2

La fuerza inicial de presfuerzo es igual a:

Pi = 14,250 × 0.987 × 40 = 562,590 kg

La fuerza después de que ocurra el total de las pérdidas es igual a:

Pfinal = (14,250 – 3614) × .987 × 40 = 419,909 kg

10. Revisión de esfuerzos al centro del claro en la etapa de servicio

El estado de esfuerzos al centro del claro en la etapa de servicio se muestra en la siguiente tabla:

	Fibra Inferior de Viga (Kg/cm2)	***Fibra Superior de Viga (Kg/cm2)***	***Fibra Superior de Losa (Kg/cm2)***
Presfuerzo	205.01	-61.18	0.00
Peso Propio	-65.62	78.42	0.00
Muerta (NC)	-44.99	53.77	0.00
Muerta (C)	-21.09	11.45	15.73
Viva+Impacto	-87.95	47.75	65.58
Total	-14.64	130.21	81.31

Los esfuerzos finales son inferiores a los permisibles, por lo que el acero de presfuerzo es adecuado.

11. Revisión por resistencia última

11.1 Momento último

De acuerdo al AASHTO, el momento último es igual a:

Mu = 1.3 (DL + 1.67 (LL+I))

Mu = 1.3 (246.7 + 1.67 (216.9)) = 791.7 Ton-m

11.2 Resistencia flexión

La resistencia a flexión de una viga presforzada esta dada por la siguiente expresión:

$$\phi Mn = \phi(Aps \times fps + As \times fy) \times \left(dp - \frac{a}{2}\right)$$

$$a = \frac{Aps \times fps + As \times fy}{0.85 f'c \times b}$$

Substituyendo se obtiene que:

Aps= 40 torones activos × 0.987 = 39.48 cm2

dp = 137 + 18 – 13 = 142 cm

b= 160 cm

f´c =250 kg/cm2

$$fps = fpu \left[1 - \frac{\gamma^*}{\beta_1} \left(\frac{\rho_p \times fpu}{f'c} \right) \right] = 18{,}173 \text{ kg/cm2}$$

La fuerza de compresión total es igual a:

C = 18173 × 39.48 = 717,487 kg

El bloque de compresiones penetra en la losa una distancia igual a:

$$a = \frac{717487}{0.85 \times 250 \times 160} = 21.1 \text{ cm} > 18 \text{ cm}$$

$$a \text{ viga} = \frac{717487 - 612000}{0.85 \times 400 \times 50} = 6.21 \text{ cm}$$

Por lo que el momento resistente es igual a:

$\phi Mn = 0.90 \times (612 \times (1.42-0.18/2) + 105.5 \times (1.42-0.18-.06/2))$

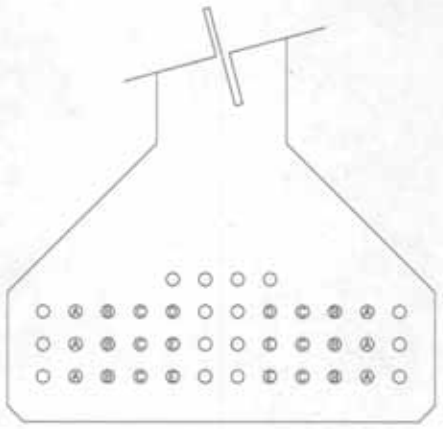
$\phi Mn = 847.5$ Ton-m > Mu

∴ La viga es adecuada por resistencia última

12. Revisión de esfuerzos en etapa de transferencia

12.1 Adherencia de torones

Se propone romper la adherencia de 14 torones de acuerdo a la siguiente tabla, tal y como se muestra en el diagrama:



40 TORONES DE 1/2"

LONGITUDES DE ENDUCTAMIENTO					
GRUPO	CAPA-1	CAPA-2	CAPA-3	CAPA-4	LONGITUD DE ENDUCTAMIENTO
A	2	2	2	0	1.5
B	2	2	2	0	2.5
C	2	2	2	0	4.0
D	0	0	2	0	5
E	0	2	0	0	7
F	2	0	0	0	9

Grupo	***Capa 1***	***Capa 2***	***Capa 3***	***Capa 4***	***Longitud de enductamiento***
A	2	2	2	0	1.5 m
B	2	2	2	0	2.5 m
C	2	2	2	0	4.0 m
D	0	0	2	0	5.0 m
E	0	2	0	0	7.0 m
F	2	0	0	0	9.0 m

12.2 Revisión de esfuerzos

La revisión de esfuerzos en la etapa de transferencia se muestra en la siguiente tabla:

Sección	*Torones Activos*	*Esfuerzo Inferior (Kg/cm2)*	*Esfuerzo Superior (Kg/cm2)*	
0.64	16.00	92.20	-20.52	Ok
1.50	22.00	122.54	-23.15	Ok
2.50	28.00	152.29	-25.08	Ok
4.00	34.00	179.26	-23.68	Ok
5.00	36.00	184.72	-18.99	Ok
7.00	38.00	186.60	-10.03	Ok
9.00	40.00	192.03	-5.31	Ok

13. Diseño a cortante

13.1 Resistencia del concreto a cortante

La resistencia del concreto a cortante de acuerdo al AASHTO en su inciso 9.20.2 la resistencia a cortante deberá ser la menor de Vci ó Vcw, que se evalúan de acuerdo a las siguientes expresiones.

$$Vci = 0.6\sqrt{f'c}\ bwd + Vd + \frac{ViMcr}{Mmax}$$

$$Vcw = (3.5\sqrt{f'c} + 0.30\ fpe)\ bwd + Vp$$

Un resumen de la resistencia del concreto a cortante se muestra en la siguiente tabla:

Distancia del apoyo (metros)	*Vci (Ton)*	*Vcw (Ton)*	*Vc (Ton)*
0.78	348.38	66.71	66.71
2.74	118.00	80.93	80.93
5.47	77.59	100.47	77.59
8.21	48.29	111.21	48.29
10.94	30.01	117.36	30.01
13.68	24.95	118.96	24.95

13.2 Requerimiento de acero

De acuerdo al AASHTO en su inciso 9.20 la sección crítica para cortante se localiza a una distancia igual a h/2 del extremo de la viga.

En la siguiente tabla se muestran los requerimientos de acero para la sección crítica y a cada décimo del claro:

Distancia del apoyo (metros)	*Vu (Ton)*	*Vs (Ton)*	*Av/s (cm2/m)*
0.78	114.92	68.49	11.48
2.74	98.60	35.07	5.88
5.47	79.68	16.15	2.71
8.21	59.13	21.27	3.57
10.94	39.31	16.24	2.72
13.68	21.62	0.49	0.08

13.3 Separación máxima

La separación máxima es la menor de 0.75h, 60 cm, 4 veces el alma ó :

$$Smax = \frac{Avfy}{3.5bv} = 61 \text{ cm}$$

∴ La separación máxima de estribos del No. 4 es igual a 60 cm

13.4 Revisión a corte horizontal

Con la separación máxima del punto 2.13.3 de esta memoria se satisface el acero mínimo requerido en el inciso 9.20.4.3 del AASHTO, por lo que la resistencia a cortante es igual a:

$\phi Vn = 0.85 \times 350 \times bv \times d = 0.85 \times 350 \times 19.7 \times 55.9 = 323.5$ kips

$\phi Vn = 146.7$ Ton > Vu

∴ El acero mínimo es adecuado por corte horizontal

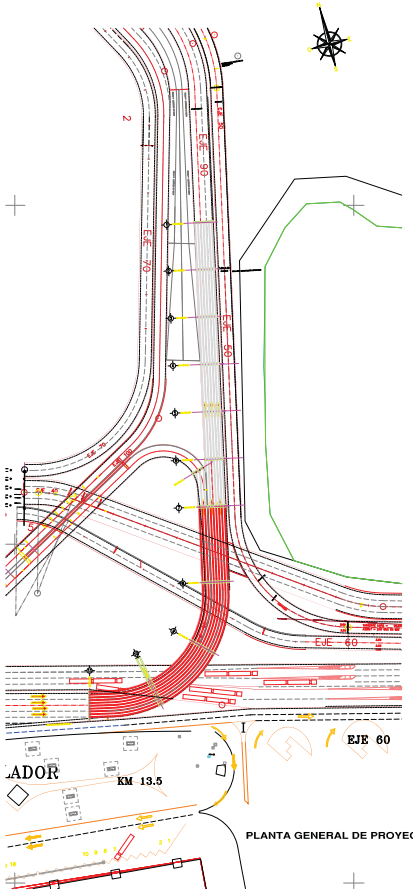
14. Diseño en las zonas de anclaje

De acuerdo al inciso 9.22 se deberá proveer de estribos trabajando a un esfuerzo de 1,400 kg/cm2 que resistan el 4% de la fuerza total de presfuerzo, y serán distribuidos un una distancia igual a h/4 del borde de la viga.

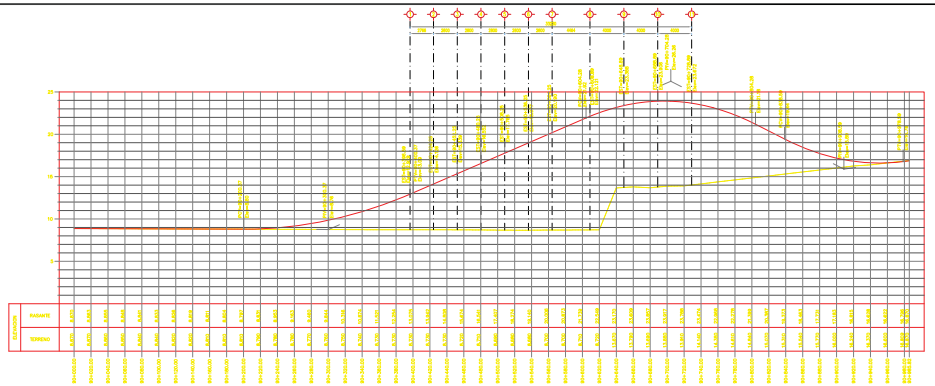
$P = 562{,}590 \text{ kg} \times 0.04 = 22{,}504 \text{ kg}$

$$\text{As req} = \frac{22504}{1400} = 16.1 \text{ cm2}$$

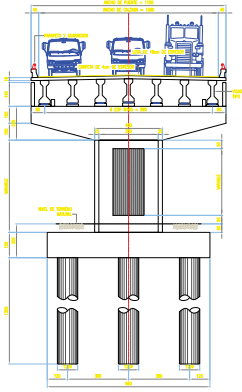
$\therefore$ Colocar 5 estribos del No.5 distribuido a 35 cm del borde de la viga.



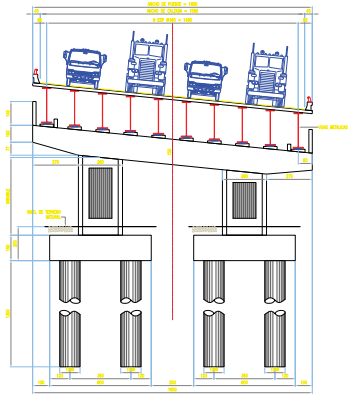
PLANTA GENERAL DE PROYECTO



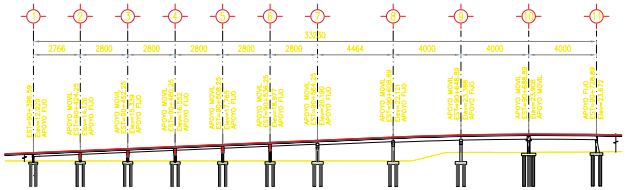
PERFIL GEOMETRICO EJE 90



SECCION TIPO EN PUENTE DE 3 CARRILES



SECCION TIPO EN PUENTE DE 4 CARRILES



ELEVACION DE PUENTE EJE 90

NOTAS:

DIMENSIONES.- EN CENTIMETROS EXCEPTO DONDE SE INDICA OTRA UNIDAD.

ELEVACIONES.- EN METROS, REFERIDAS AL BANCO DE NIVEL (B.N.).

ESPECIFICACIONES.- LA ULTIMA EDICION DE LAS NORMAS PARA LA CONSTRUCCION E INSTALACIONES DE LA S.C.T.

N-CTR-CAR-1-02-003/02	CONCRETO HIDRAULICO
N-CTR-CAR-1-02-004/02	ACERO PARA CONCRETO HIDRAULICO
N-CTR-CAR-1-02-006/01	ESTRUCTURAS DE CONCRETO REFORZADO
N-CTR-CAR-1-02-005/01	SOLDADURA

MATERIALES.- DEBERAN SER ACEPTADOS POR LOS LABORATORIOS AUTORIZADOS Y CUMPLIRAN CON LAS SIGUIENTES ESPECIFICACIONES DE LA S.C.T.

CEMENTO PORLAND	N-CMT-2-02-001/02
AGREGADOS PARA CONCRETO	N-CMT-2-02-002/02
AGUA PARA CONCRETO	N-CMT-2-02-007/02
ACERO DE REFUERZO	N-CMT-2-03-001/04 TIPO A, B y C CORRUGADO DE GRADO DURO CON LE=Fy 4,200kg/cm2, LA=Fy 4,200kg/cm2, LR=Fy 6,000kg/cm2, DESDE 3# 2mm Ø HS CORR REFORZ.
ACERO ESTRUCTURAL	N-CMT-2-03-002/04
SOLDADURA	N-CMT-2-04-001/04

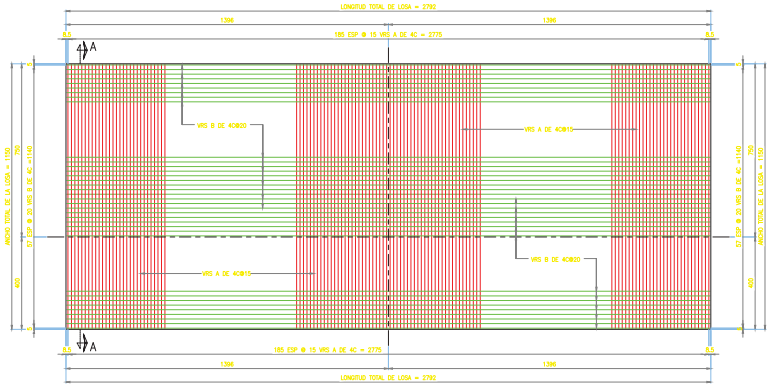
PROYECTISTA EXTERNO	CONSTRUCTORA MOVEDA SA DE CV
	ING. ARTURO MOVEDA MORALES cedula profesional 3140478

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

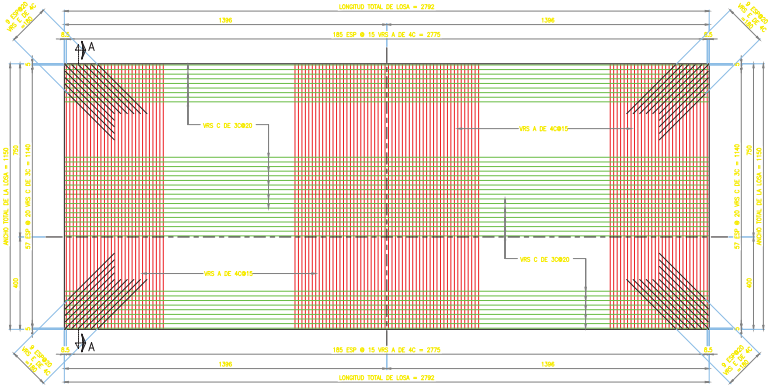
PLANO GENERAL
EJE 90

APROBADO PARA CONSTRUCCION	No.	Revisión	Dsnó	Aprobó	Revisó	Dibujó	Fecha	ejecución de proyecto	ejecución para construcción	ESCALA: ACOTADA	FECHA: DIC/2008	HOJA: 1 DE 70
								SUBGERENTE TECNICO DE PROYECTOS	GERENTE DE INGENIERIA	CONSTRUCTORA MOVEDA SA DE CV		CLAVE:
	3	REVISION DE ANGULO ASIMUTALES POR MODIFICACION DE MUELLE					10/08/08			REVISO:	DIBUJO:	
	0	EMITIDO					30/06/08	ING. JOSE LUIS DOMINGUEZ CANCHA	ARQ. FRANCISCO LIAÑO CARRERA	CONSTRUCTORA MOVEDA SA DE CV	CONSTRUCTORA MOVEDA	APV-CV-PRO-0001-E01



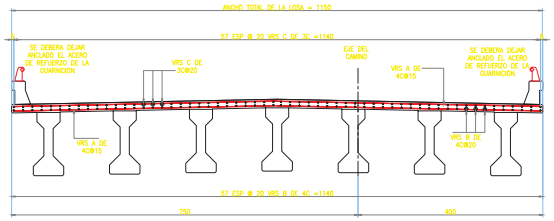
PARRILLA INFERIOR

ESC: 1-100



PARRILLA SUPERIOR

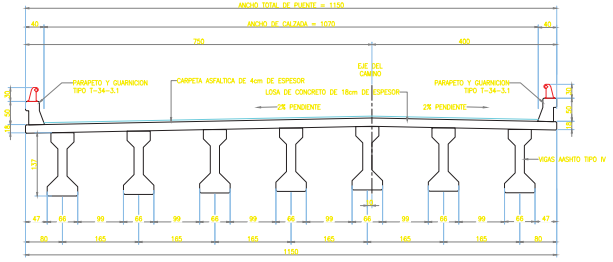
ESC: 1-100



SECCION TRANSVERSAL TIPO DE REFUERZO EN LOSA

SECCION A-A

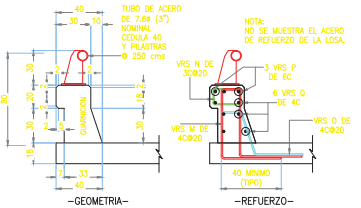
ESC: 1-50



SECCION TRANSVERSAL EN LOSA

SECCION A-A

ESC: 1-50

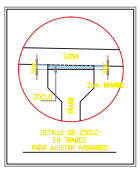


DETALLES DE GUARNICION

ESC: 1-20

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 2792

Nombre	A	B	C	E	M	N	O	P	Q
Diametro	4C	4C	3C	4C	4C	3C	4C	6C	4C
Numero	372	58	58	40	280	280	280	6	12
Long. Tot.	1142	2784	2784	300	220	100	100	2784	2784
Croquis									
a	1142	2784	2784	300	61	24	42	2784	2784
b	---	---	---	---	18	14	40	---	---
Peso	4231	1608	899	120	614	156	279	376	333



DETALLE DE ZOCLO EN TRABES PARA AJUSTAR RASANTES

NOTAS:

- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=250kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 250kg/cm2 en Losa	57.75	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	6,858	kg
Cimbra Aparente en Losa	233.42	m2
Concreto f'c = 250kg/cm2 en Guarnicion	8.04	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	1,758	kg
Cimbra Aparente en Guarnicion	61.44	m2

DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	8	18	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE CAUDO					15/06/09
0	EMITIDO					15/DIC/08

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PROYECTIS
CONSTR
constructora MOYEDA s.a. de c.v.
ING.
os

PUERTO DI
ZONA DE ACTIVI
CIRCUITO JT
PLANO DE LOSA DE
TRAMO 1-2, 2-3, 3-4,

CALCULO, LEVANTO, PROYECTO
CONSTRUCTORA MOYEDA SA DE CV
REVISO
CONSTRUCTORA MOYEDA SA DE CV

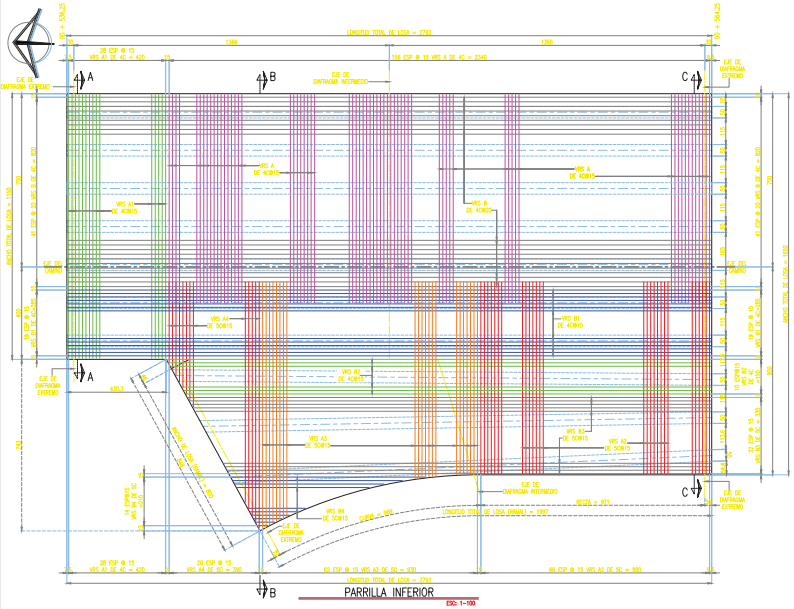
TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 2792

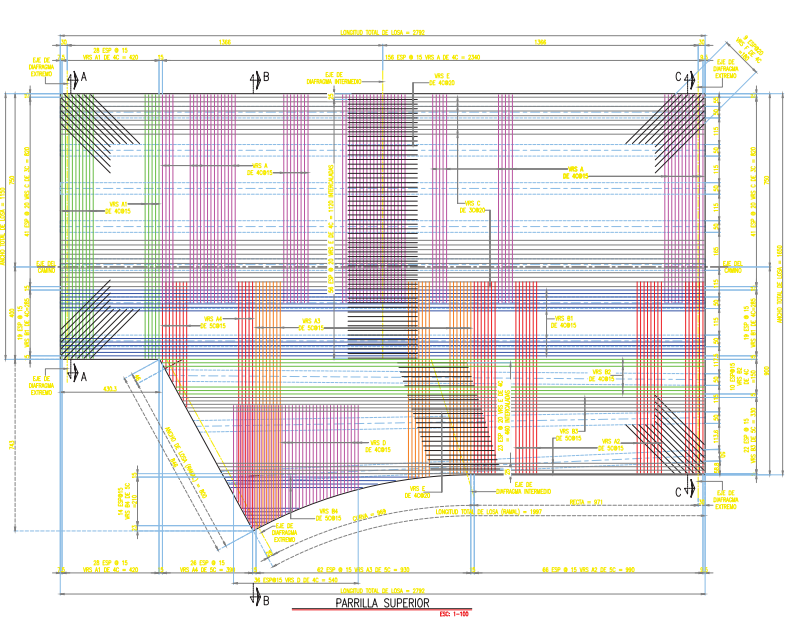
Nombre	A	A1	A2	A3	A4	B	B1	B2	B3	B4	C	D	E	F	G	G1	G2	G3	H	H1	H2	M	N	O	P		Q	
Diametro	4C	4C	5C	5C	5C	4C	4C	4C	5C	5C	3C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	3C	4C	6C		4C	
Numero	314	58	134	2 JGOS DE 63	2 JGOS DE 27	42	40	2 JGOS DE 11	2 JGOS DE 23	2 JGOS DE 15	42	37	81	40	75	31	24	7	13	2	4	269	269	269	3	3	6	6
Long. Tot.	900	1142	830	M=1067 m=831	M=1064 m=349	2784	2784	M=2353 m=2271	M=2263 m=2083	M= 842 m= 43	2784	M= 540 m= 360	300	300	M=157 m=113	M=173 m=113	M=370 m=240	M=365 m=196	M=644 m=43	M=423 m=199	M=1097 m=103	220	100	100	2784	1990	522	2784	1990	522
Croquis																												
a	900	1142	830	M=1067 m=831	M=1064 m=349	2784	2784	M=2353 m=2271	M=2263 m=2083	M= 842 m= 43	2784	M= 540 m= 360	300	300	95	95	158	158	M=644 m=43	M=423 m=199	M=1097 m=103	61	24	42	2784	1990	522	2784	1990	522
b	---	---	---	---	---	---	---	---	---	---	---	---	---	---	M=50 m=6	M=66 m=6	M=200 m=70	M=195 m=26	---	---	---	18	14	40	---	---	---	---	---	---
Peso	2815	660	1735	1865	595	1165	1109	507	1559	207	651	166	242	120	101	44	73	20	45	7	24	589	150	268	188	134	35	166	119	31

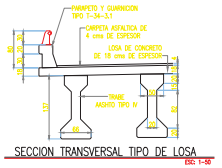
DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	8	18	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

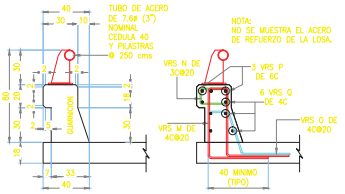
En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas



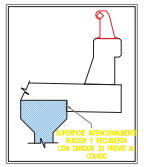


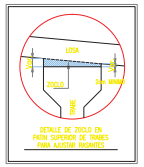


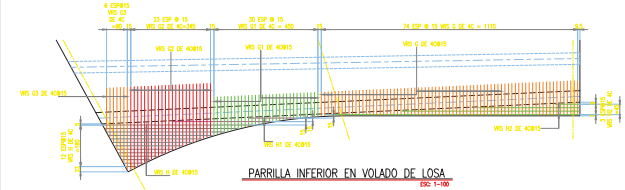
SECCION TRANSVERSAL TIPO DE LOSA
ESC: 1-50

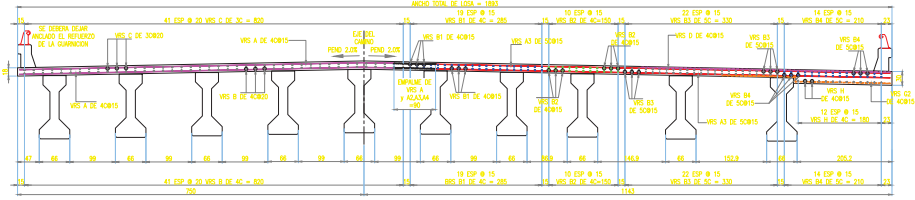


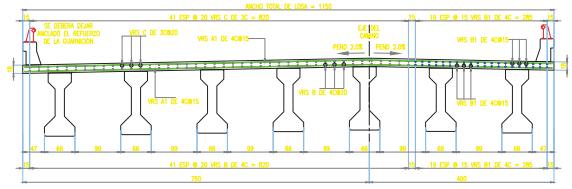
DETALLES DE GUARNICION
ESC: 1-20

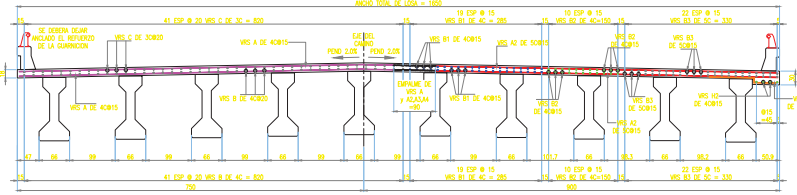












NOTAS:
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=250kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 250kg/cm2 en Losa	81.57	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	13,468	kg
Concreto f'c = 250kg/cm2 en Guarnicion	7.79	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	1,680	kg

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE LOSA DE 2792
TRAMO 6-7 EJE 90

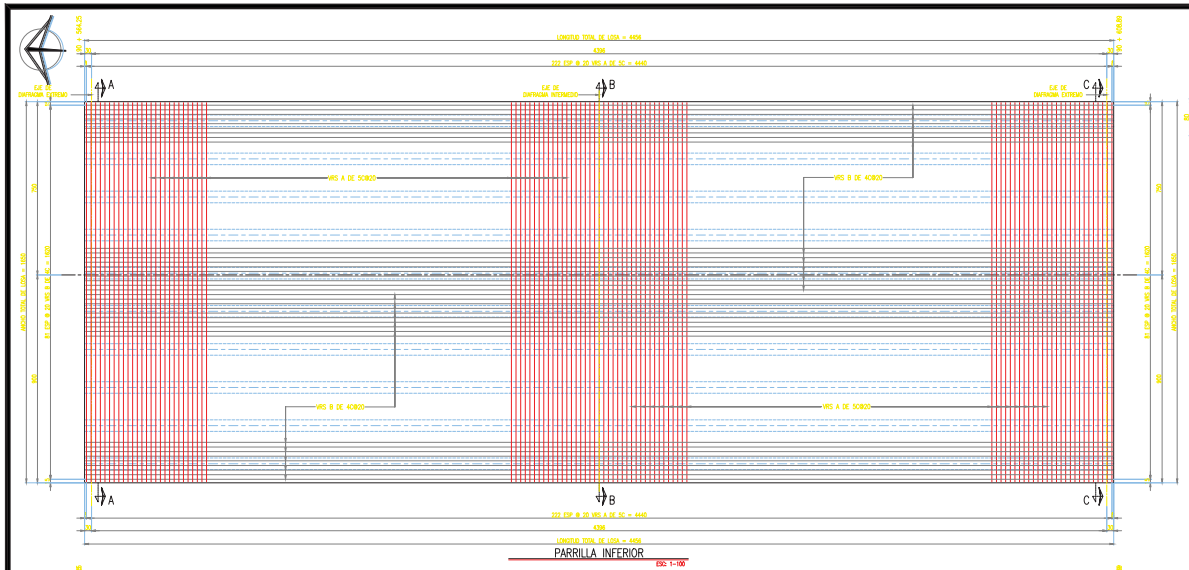
APROBADO PARA CONSTRUCCION

No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION DE NIVELES GENERALES POR MODIFICACION DE CALADO					NUMERO DE REVISION
0	EMITIDO					

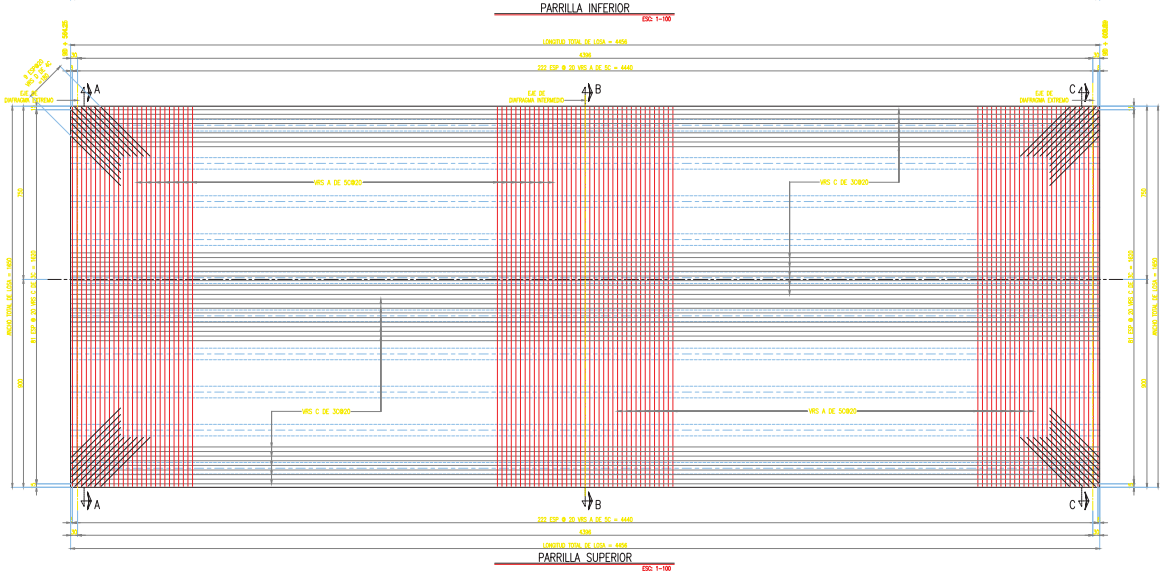
aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

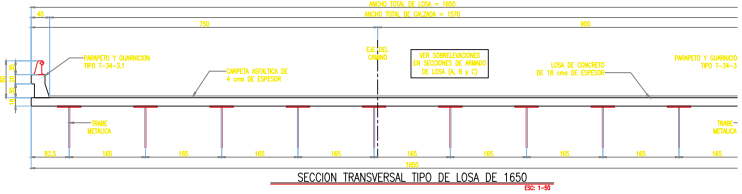
CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	03 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-G-JT90-0001-E03	



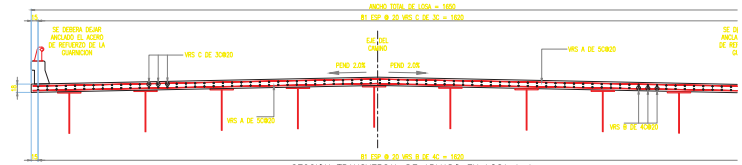
PARRILLA INFERIOR
ESC: 1-100



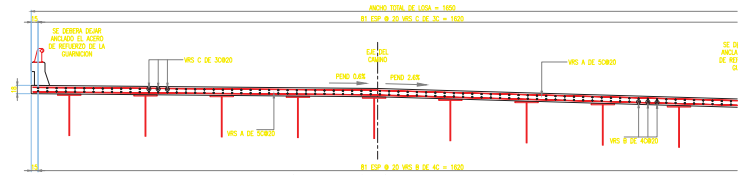
PARRILLA SUPERIOR
ESC: 1-100



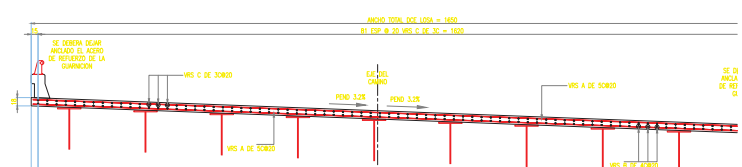
SECCION TRANSVERSAL TIPO DE LOSA DE 1650
ESC: 1-50



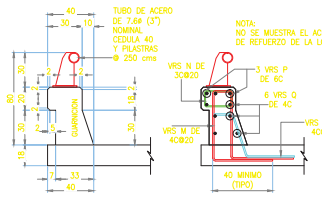
SECCION TRANSVERSAL DE ARMADO EN LOSA A-A
90 + 564.25
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA B-B
90 + 586.53
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA C-C
90 + 608.89
ESC: 1-50



-GEOMETRIA-
-REFUERZO-

DETALLES DE GUARNICION
ESC: 1-20

NOTA:
NO SE MUESTRA EL ACERO DE REFUERZO DE LA LOSA.

TABLA DE CANTIDADES POR

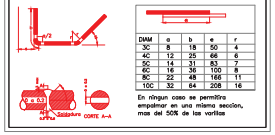
Concreto f'c = 350kg/cm2 en Losa
Acero de refuerzo LE>4,200kg/cm2 en Losa
Concreto f'c = 250kg/cm2 en Guarnicion
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion

NOTAS:
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 4456

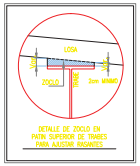
Nombre	A	B	C	D	M	N	O	P	Q
Diametro	5C	4C	3C	4C	4C	3C	4C	6C	4C
Numero	446	82	82	40	446	446	446	6	12
Long. Tot.	1642	4448	4448	300	220	100	100	4448	4448
Croquis									
a	1642	4448	4448	300	61	24	42	4448	4448
b	--	--	--	--	18	14	40	--	--
Peso	11424	3633	2032	120	977	248	444	601	532

DETALLES DEL REFUERZO



DIAM	a	b	c	r
3C	8	18	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas



DETALLE DE ZOCLO EN PATIN SUPERIOR DE TRABES PARA ALOJAR RIGIDECES

PROYECTISTA EXTER
CONSTRUCTORA
constructora MOYEDA S.A. de C.V.
ING. ARTURO
cedula profe

PUERTO DE VE
ZONA DE ACTIVIDADES L
CIRCUITO JT
PLANO DE LOSA DE 4456
TRAMO 7-8 EJE 90

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

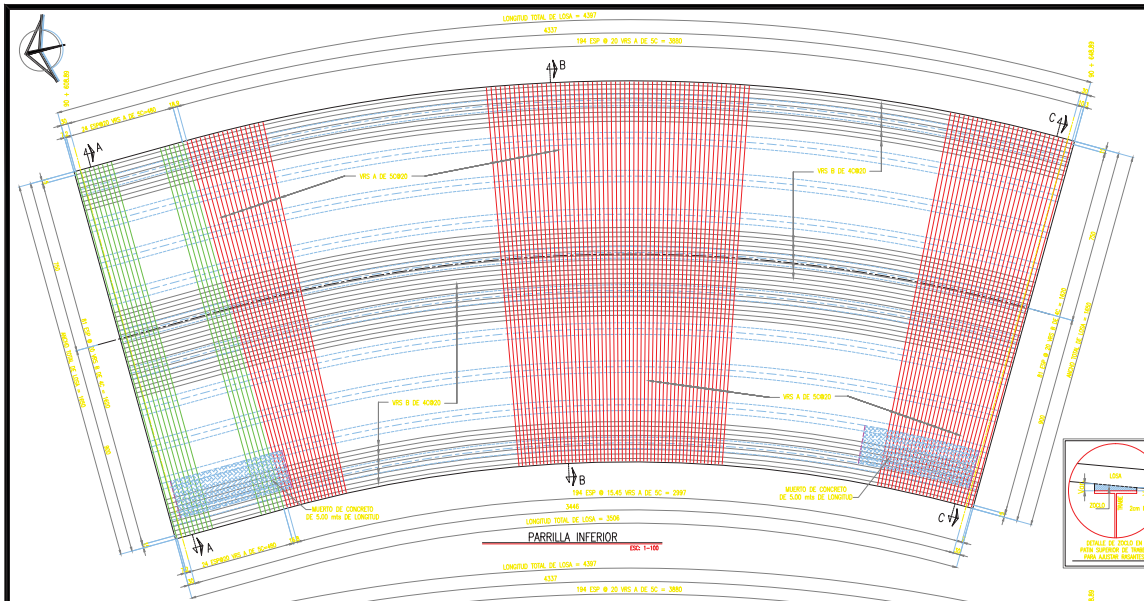
No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE CALZADO					15/06/08
0	EMITIDO					15/06/08

APROBADO PARA CONSTRUCCION

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

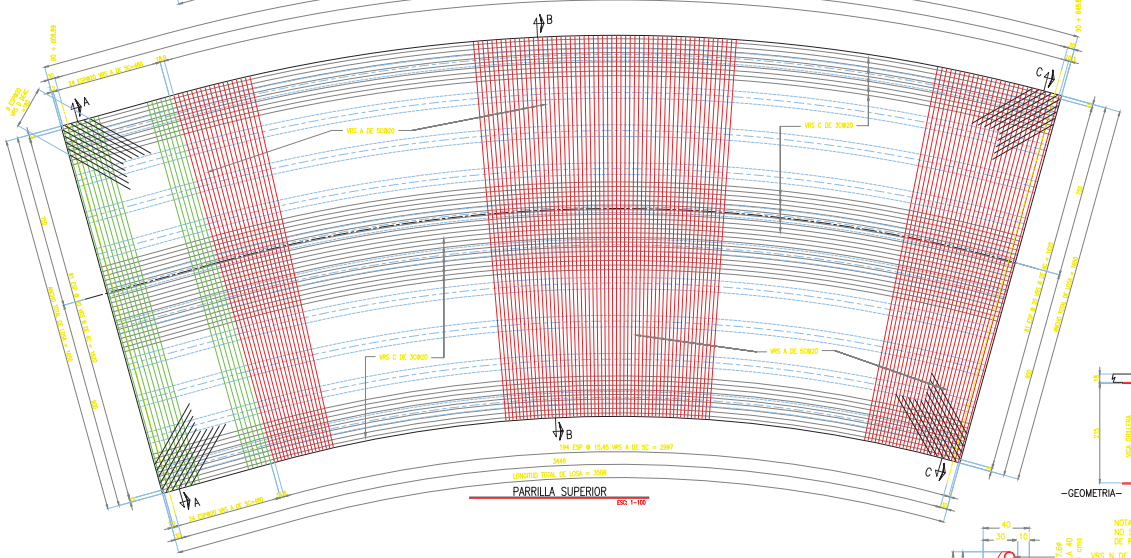
aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008
REVISO	DIBUJO
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA



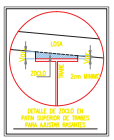
PARRILLA INFERIOR

ESC: 1-100

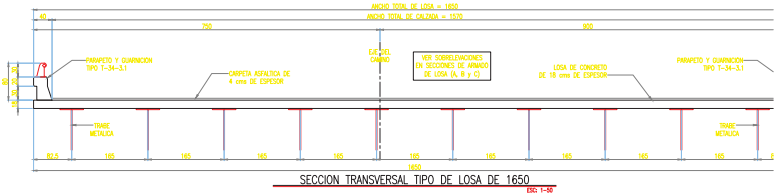


PARRILLA SUPERIOR

ESC: 1-100

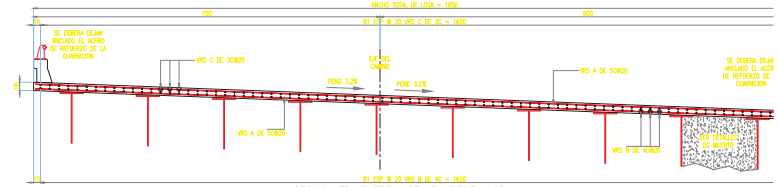


DETALLE DE JOGO EN PATA SUPERIOR DE TRABES PARA AJUSTE DESNIVEL



SECCION TRANSVERSAL TIPO DE LOSA DE 1650

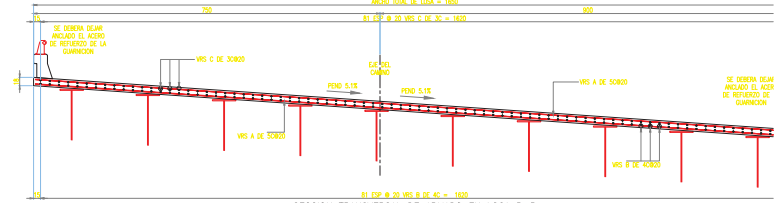
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA A-A

90 + 608.89

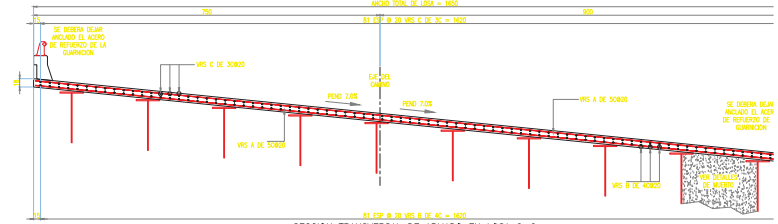
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA B-B

90 + 629.93

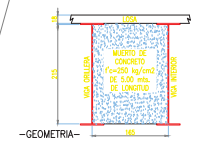
ESC: 1-50



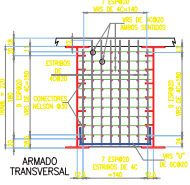
SECCION TRANSVERSAL DE ARMADO EN LOSA C-C

90 + 648.89

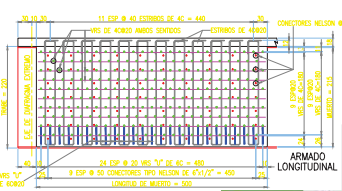
ESC: 1-50



-GEOMETRIA-



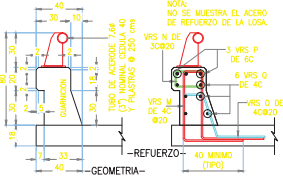
ARMADO TRANSVERSAL



ARMADO LONGITUDINAL

DETALLES DE GEOMETRIA Y ARMADO DE MUERTO

ESC: 1-50



DETALLES DE GUARNICION

ESC: 1-20

NOTAS:

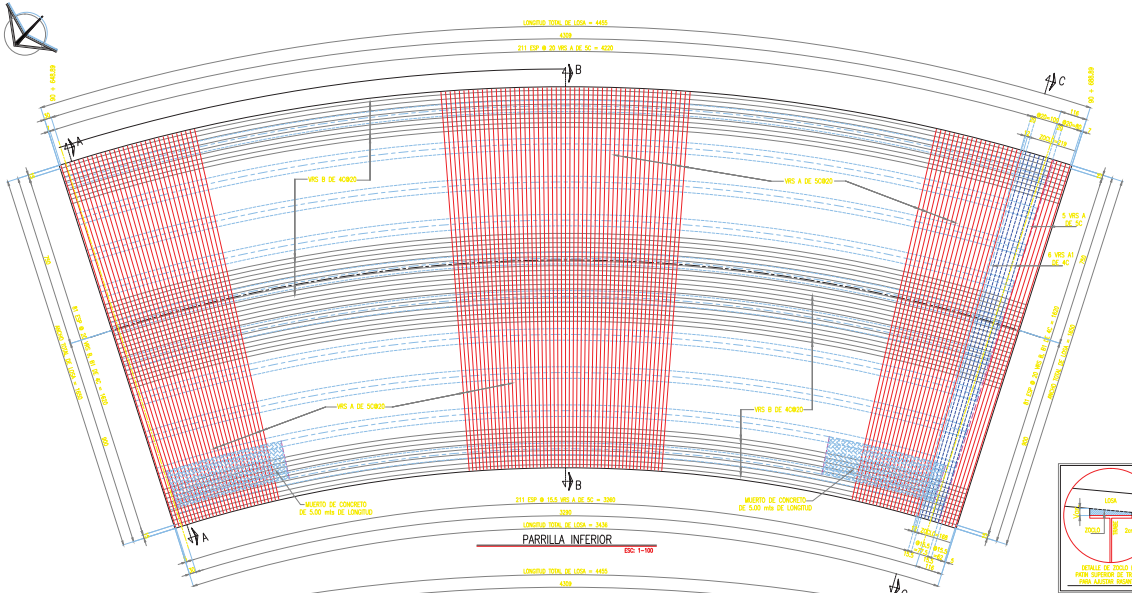
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarn
- ACERO DE REFUERZO L.E. =4,200kg/

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 350kg/cm2 en Losa	121.35	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	16,413	kg
Concreto f'c = 250kg/cm2 en Guarnicion	11.38	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	2,484	kg

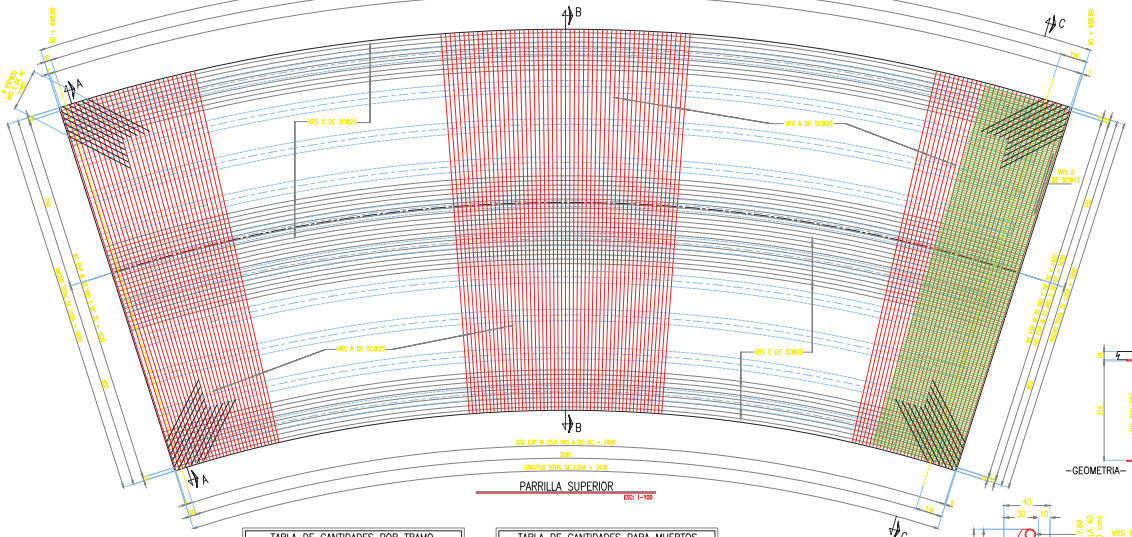
TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 3992

Nombre	A	B	C	D	M	N	O	P		Q	
Diametro	5C	4C	3C	4C	4C	3C	4C	6C		4C	
Numero	440	82	82	40	395	395	395	3	3	6	6
Long. Tot.	1642	Ld=4381 m=3506	Ld=4381 m=3506	300	220	100	100	4381	3506	4381	3506
Grapa	a	a	a	a	10 / 10 / 10 /



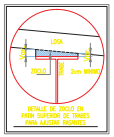
PARRILLA INFERIOR

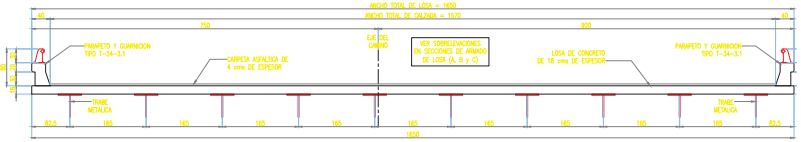
ESC: 1-100



PARRILLA SUPERIOR

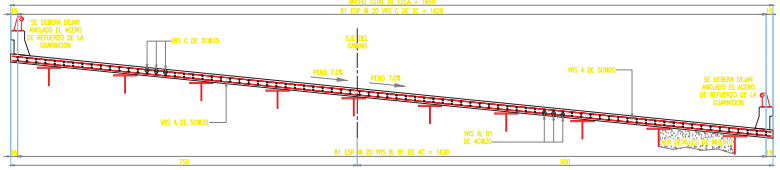
ESC: 1-100





SECCION TRANSVERSAL TIPO DE LOSA DE 1650

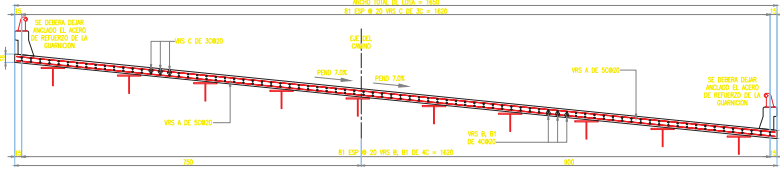
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA A-A

90 + 648.89

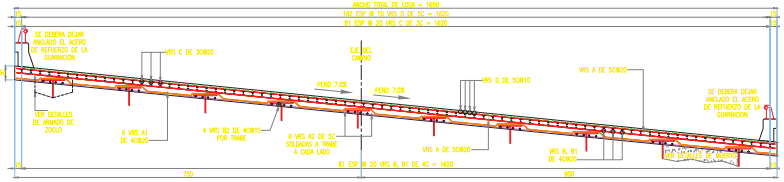
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA B-B

90 + 626.61

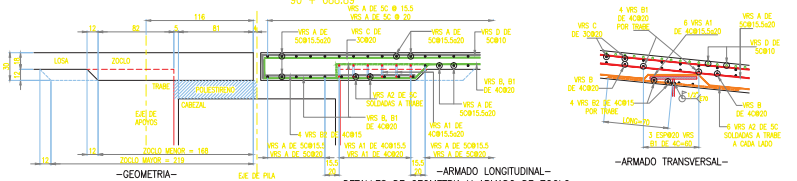
ESC: 1-50



SECCION TRANSVERSAL DE ARMADO EN LOSA C-C

90 + 688.89

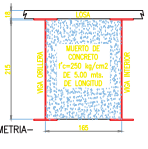
ESC: 1-50



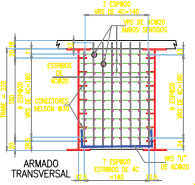
-GEOMETRIA- -ARMADO LONGITUDINAL- -ARMADO TRANSVERSAL-

DETALLES DE GEOMETRIA Y ARMADO DE ZOCLO

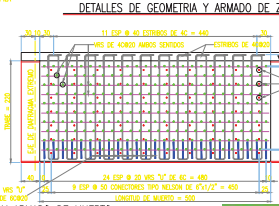
ESC: 1-25



-GEOMETRIA-



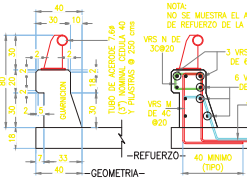
ARMADO TRANSVERSAL



ARMADO LONGITUDINAL

DETALLES DE GEOMETRIA Y ARMADO DE MUERTO

ESC: 1-50



-REFUERZO- -GEOMETRIA-

DETALLES DE GUARNICION

ESC: 1-20

NOTAS:
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 350kg/cm2 en Losa	121.35	m3
Acero de refuerzo LE=4,200kg/cm2 en Losa	16,413	kg
Concreto f'c = 250kg/cm2 en Guarnicion	11.38	m3
Acero de refuerzo LE=4,200kg/cm2 en Guarnicion	2,484	kg

TABLA DE CANTIDADES PARA MUERTOS

Concreto f'c = 250kg/cm2 en Muerto	35.89	m3
Acero de refuerzo LE=4,200kg/cm2 en Muerto	2,824	kg
Conectores tipo Nelson de 6" X 1/2"	140	pz

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 3992

Nombre	A	A1	A2	B	B1	B2	C	D	E	M	N	O	P	Q
Diametro	5C	4C	5C	4C	4C	4C	3C	5C	4C	4C	3C	4C	6C	4C
Numero	440	6	120	42	40	40	82	163	40	394	394	394	3	3	6	6
Long. Tot.	1642	1729	70	M=4479 m=3479	M=4448 m=3497	M= 210 m= 160	M=4438 m=3438	400	300	220	100	100	4438	3438	4438	3438
Coupla																
a	1642	95	70	M=4209 m=3259	M=4335 m=3384	M= 210 m= 160	M=4438 m=3438	380	300	61	24	42	4438	3438	4438	3438
b	---	55	---	M= 229 m= 179	78	---	---	20	---	18	14	40	---	---	---	---
Peso	11271	103	262	1685	1583	74	1789	1017	120	863	220	393	300	232	265	206

DETALLES DEL REFUERZO

DIAM	a	b	r
3C	8	18	6
4C	13	25	8
5C	16	32	10
6C	19	38	12
8C	22	45	16
10C	32	64	20

En ningun caso se permitira empalmar en una misma seccion, mas del 33% de las varillas

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
0	EMITIDO					

aprobación para construcción: GERENTE DE INGENIERIA

aprobación de proyecto: SUBGERENTE TECNICO DE PROYECTOS

ING. JOSE LUIS DOMINGUEZ CANTON — ARQ. FRANCISCO LIAÑO CARRERA

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2140479

SCT — SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

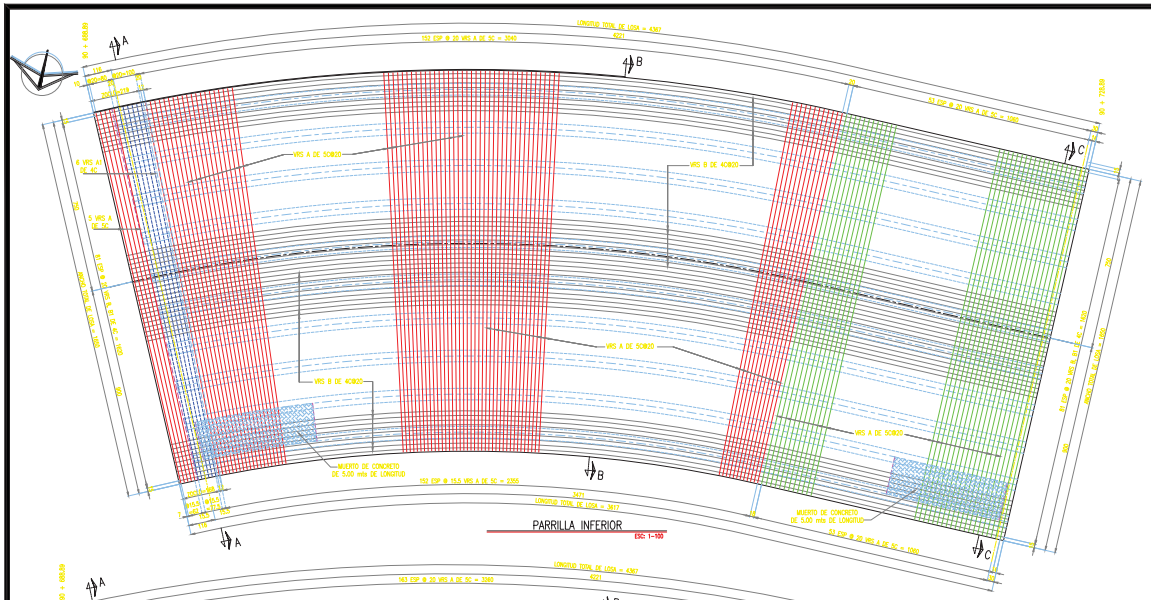
ZONA DE ACTIVIDADES LOGISTICAS

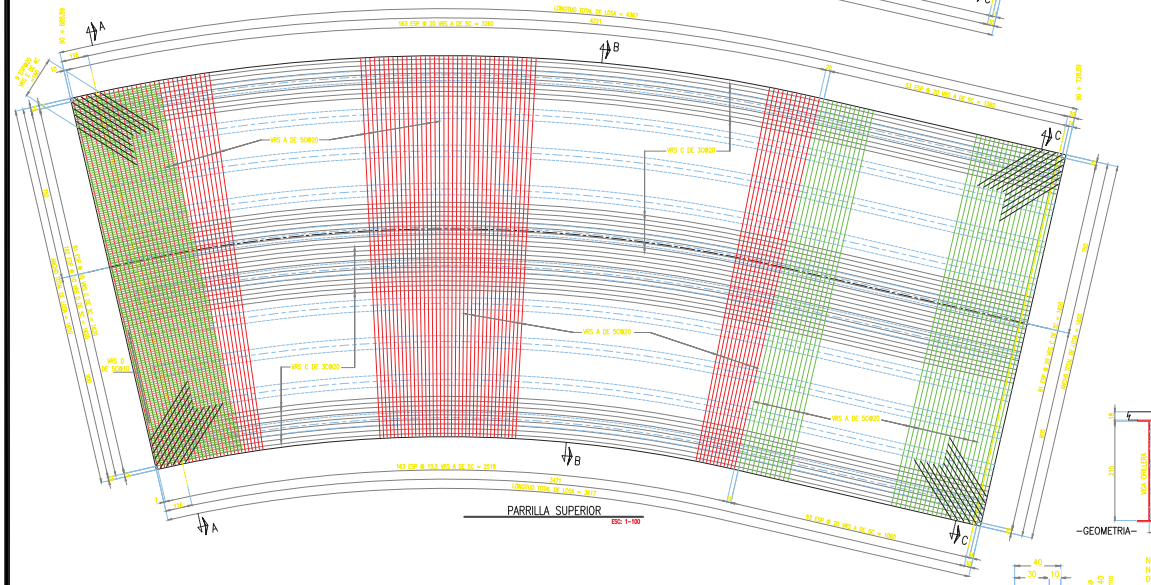
CIRCUITO JT — EJE 90

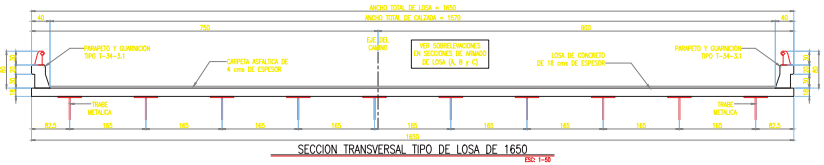
PLANO DE LOSA DE 3992

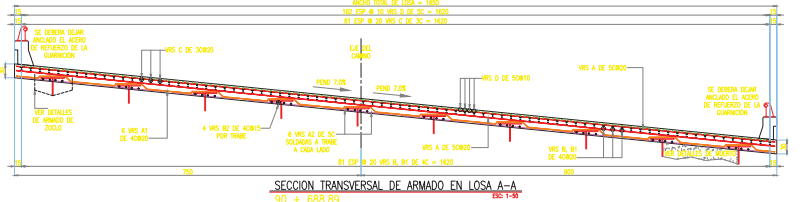
TRAMO 9-10 EJE 90

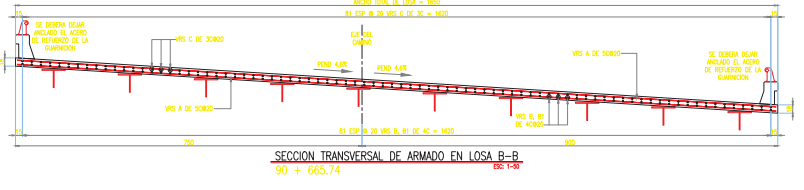
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. 1=D.	06
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-0001	

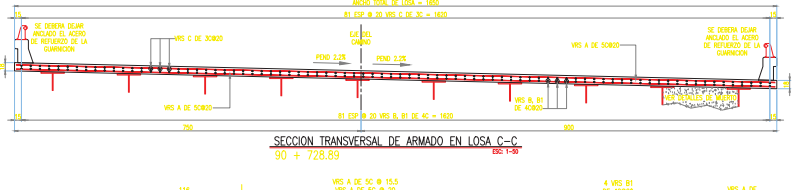


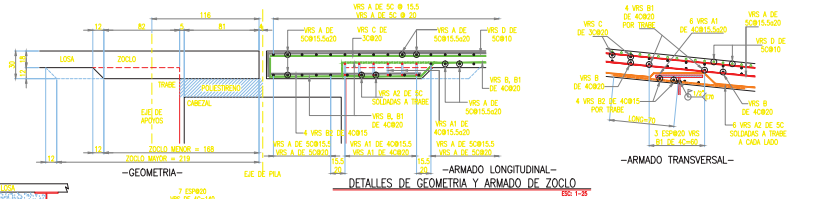


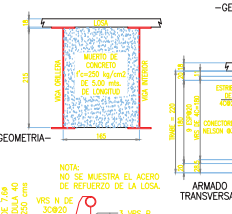


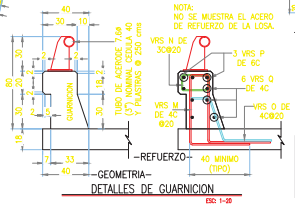












NOTAS:
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnicion
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE CANTIDADES POR TRAMO

Concreto f'c = 350kg/cm2 en Losa	121.35	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	16,413	kg
Concreto f'c = 250kg/cm2 en Guarnicion	11.38	m3
Acero de refuerzo LE>4,200kg/cm2 en Guarnicion	2,484	kg

TABLA DE CANTIDADES PARA MUERTOS

Concreto f'c = 250kg/cm2 en Muerto	35.89	m3
Acero de refuerzo LE>4,200kg/cm2 en Muerto	2,824	kg
Conectores tipo Nelson de 6" X 1/2"	140	pz

TABLA DE VARILLAS PARA UN TRAMO DE LOSA DE 4026

Nombre	A	A1	A2	B	B1	B2	C	D	E	M	N	O	P	Q
Diametro	5C	4C	5C	4C	4C	4C	3C	5C	4C	4C	3C	4C	6C	4C
Numero	430	6	120	42	40	40	82	163	40	398	398	398	3	3	6	6
Long. Tot.	1642	1729	70	M=4394 m=3658	M=4369 m=3669	M= 210 m= 160	M=4352 m=3616	400	300	220	100	100	4352	3616	4352	3616
Croquis																
a	1642	95	70	M=4124 m=3438	M=4256 m=3556	M= 210 m= 160	M=4352 m=3616	380	300	61	24	42	4352	3616	4352	3616
b	---	55	---	M= 229 m= 179	78	---	---	20	---	18	14	40	---	---	---	---
Peso	11015	103	262	1684	1601	74	1820	1017	120	872	222	396	294	244	280	216

DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	8	18	50	4
4C	12	25	68	5
5C	15	32	85	6
6C	19	42	105	8
8C	25	58	166	11
10C	32	84	205	16

En ningun caso se permitira empalmar en una misma sección, mas del 50% de las varillas

APROBADO PARA CONSTRUCCION

No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					13/MAY/08
0	EMITIDO					15/DIC/08

aprobación para construcción
GERENTE DE INGENIERIA

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS

ING. JOSE LUIS DOMINGUEZ CANTON

ARQ. FRANCISCO LIAÑO CARRERA

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

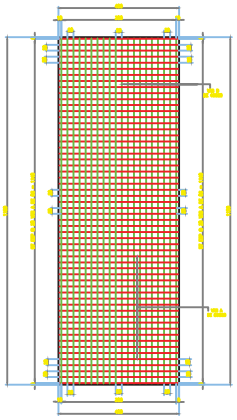
SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE LOSA DE 4026
TRAMO 10+11 EJE 90

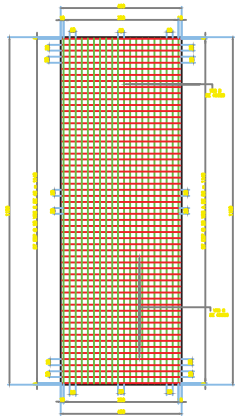
CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	07 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-0001-E07	

TABLA DE VARILLAS PARA UNA LOSA DE ACCESO ESTRIBO 1							
Varilla	A	B	C	D	E	F	G
Diámetro	#2	#2	#2	#2	#2	#2	#2
Número	35	20	35	20	4	40	4
Long. Tot.	390	1140	454	1140	1140	378	1140
Figura							
A	390	1140	390	1140	1140	40	1140
B	---	---	20	---	---	40	---
Peso	304	328	354	328	327	97	66

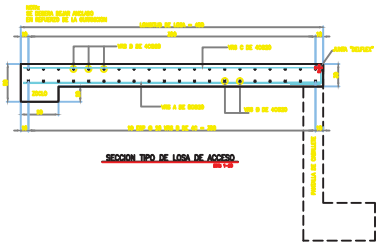
TABLA DE CANTIDADES PARA UNA LOSA DE ACCESO		
Concreto f'c = 250kg/cm2 en Losa	14.96	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	1,562	kg



PARRILLA INFERIOR



PARRILLA SUPERIOR



SECCION TIPO DE LOSA DE ACCESO

LOSA DE ACCESO DE ESTRIBO 1

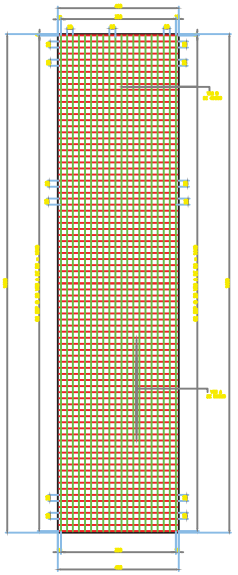
DETALLE DE ZOCLO

NOTAS:
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=250kg/cm2 en Losa
- CONCRETO f'c=200kg/cm2 en Guarnición
- ACERO DE REFUERZO LE. =4,200kg/cm2.

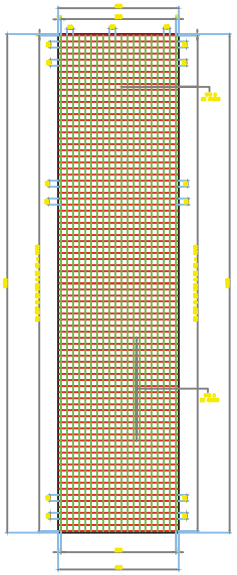
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT
EJE 90

PLANO DE LOSAS DE ACCESO ESTRIBO 1



PARRILLA INFERIOR
ESC 1=25

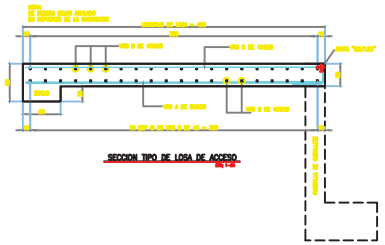


PARRILLA SUPERIOR
ESC 1=25

LOSA DE ACCESO DE ESTRIBO 11

TABLA DE VARILLAS PARA UNA LOSA DE ACCESO ESTRIBO 11							
Varilla	A	B	C	D	E	F	G
Cantidad	62	62	62	62	62	62	124
Número	03	03	03	03	04	05	03
Long. Tot.	392	1642	454	1642	1642	218	1642
Forma							
a	392	1642	392	1642	1642	42	1642
b			19			87	
Peso	1395	307	975	307	1164	67	615

TABLA DE CANTIDADES PARA UNA LOSA DE ACCESO		
Concreto f'c = 350kg/cm2 en Losa	21.46	m3
Acero de refuerzo LE>4,200kg/cm2 en Losa	2,628	kg

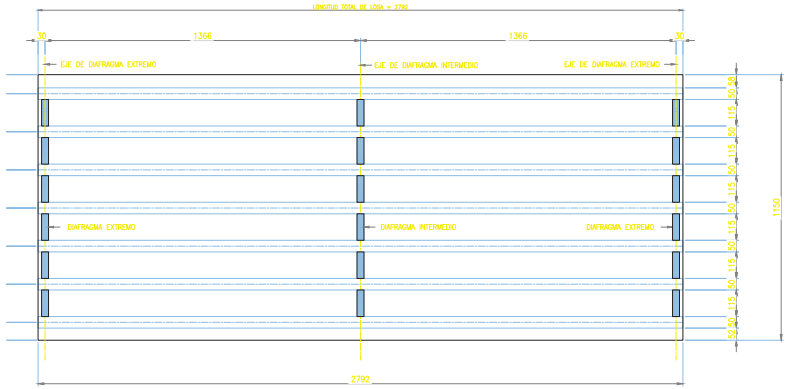


SECCION TIPO DE LOSA DE ACCESO
ESC 1=25

DETALLE DE ZOCLO
ESC 1=25

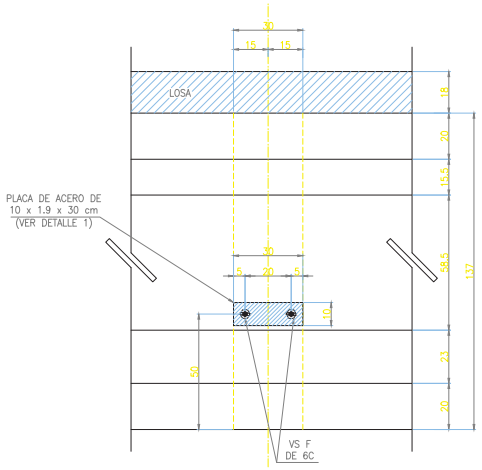
NOTAS:
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=350kg/cm2 en Losa
- CONCRETO f'c=250kg/cm2 en Guarnición
- ACERO DE REFUERZO f.f. =4,200kg/cm2.

PUERTO DE VERACRUZ
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE LOSAS DE ACCESO ESTRIBO 11



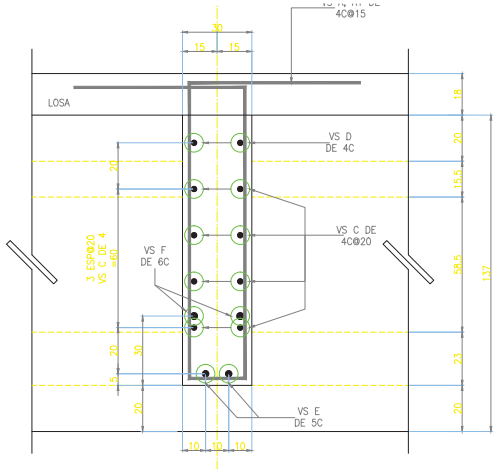
PLANTA DE DIAFRAGMAS

ESC = 1:100



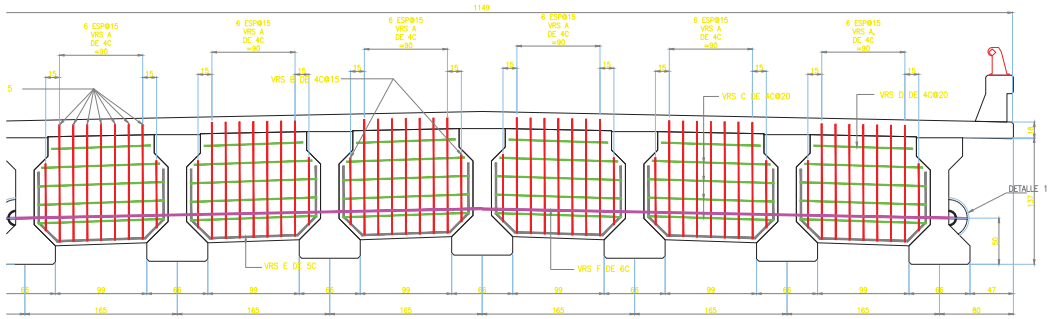
VISTA DE ANCLAJE DE DIAFRAGMA

ESC = 1:10



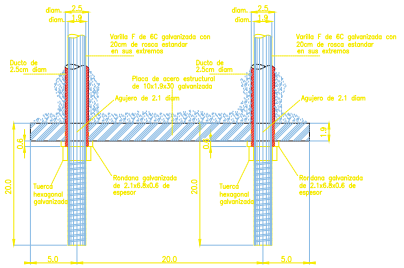
ARMADO DE DIAFRAGMA TIPO

ESC = 1:10



SECCION DE DIAFRAGMA INTERMEDIO

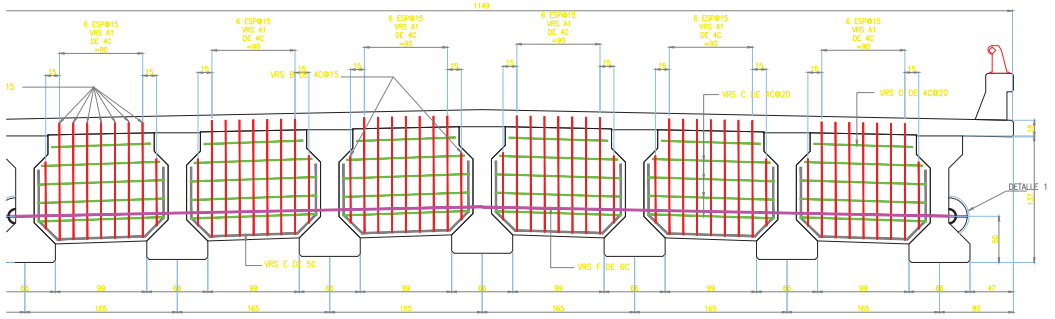
ESC = 1:25



DETALLE 1

ESC = SE

CANTIDADES PARA UN TRAMO DE DIAFRAGMA DE VIGAS	
Concreto f'c=250kg./cm2	8.42 m3
Acero de refuerzo L.E.>4200kg./cm2.	983 kg
Varillas con rosca en sus extremos L.E.>4,200 kg./cm2	95 kg
Acero estructural A-36 (placas,tuercas y rondanas)	30.0 kg
Ductos de plastico de 2.5 diametro de 1.51 m.	24 pz
Cimbra de contacto.	58.86 m2



SECCION DE DIAFRAGMA EXTREMO

ESC = 1:25

TABLA DE VARILLAS PARA UN TRAMO DE 2792

Nombre	A	A1	B	C	D	E	F
Diametro	4C	4C	4C	4C	4C	5C	6C
Numero	42	84	36	144	36	36	6
Long. Tot.	410	430	228	131	102	257	1050
Croquis							
a	125	125	74	131	102	---	1050
b	20	20	20	---	---	---	---
Peso	172	360	82	188	37	144	142

PROYECTISTA EXTERNO	
constructora MOYEDA s.a. de c.v.	CONSTRUCTORA MOYEDA SA DE CV
	ING. ARTURO MOYEDA MORALES cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT — EJE 90

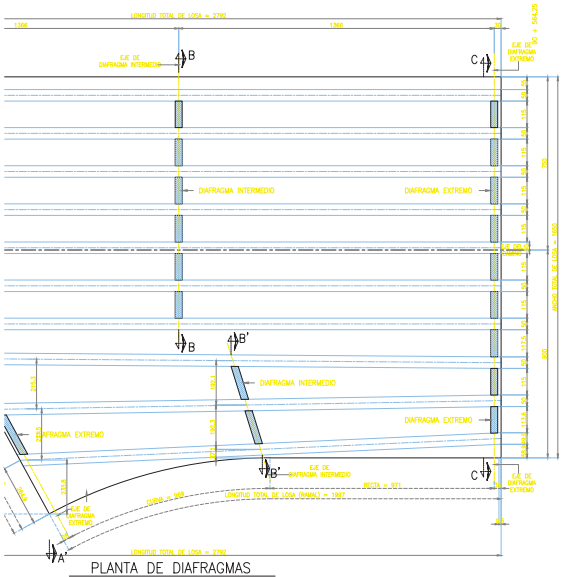
PLANO DE DIAFRAGMAS DE 2792

TRAMO 1-2, 2-3, 3-4, 4-5, 5-6 EJE 90

APROBADO PARA CONSTRUCCION	No.	Revisión	Coord.	Aprobó	Revisó	Dibujó.	Fecha
	3	REVISION DE NIVELES GENERALES POR MODIFICACION DE CALADO					15/MAY/08
	0	EMITIDO					15/DIC/08

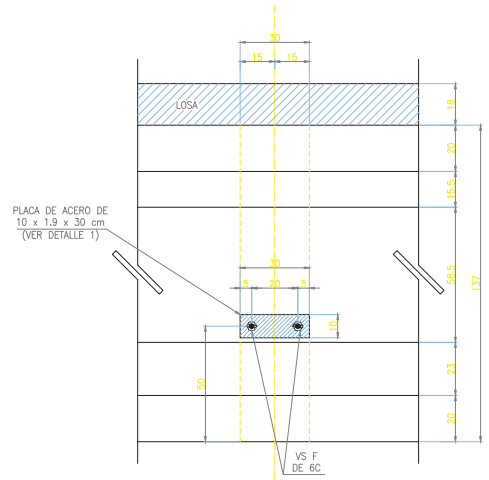
aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIÑAN CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	10 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-0C01-E10	



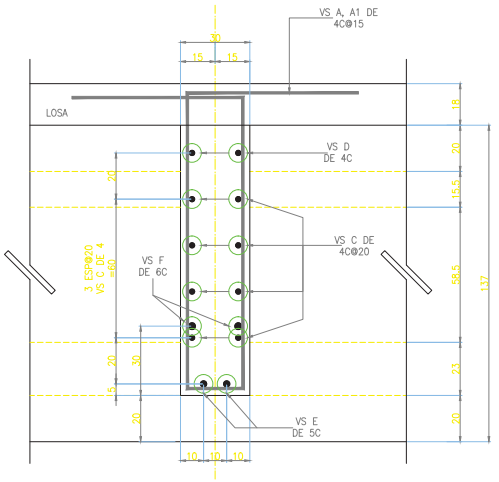
PLANTA DE DIAFRAGMAS

ESC = 1:100



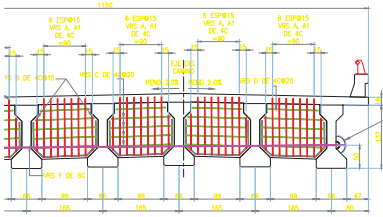
VISTA DE ANCLAJE DE DIAFRAGMA

ESC = 1:10



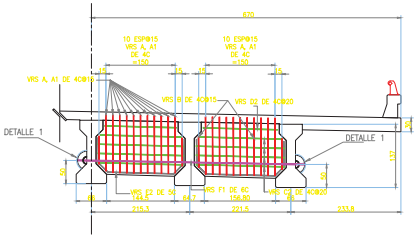
ARMADO DE DIAFRAGMA TIPO

ESC = 1:10



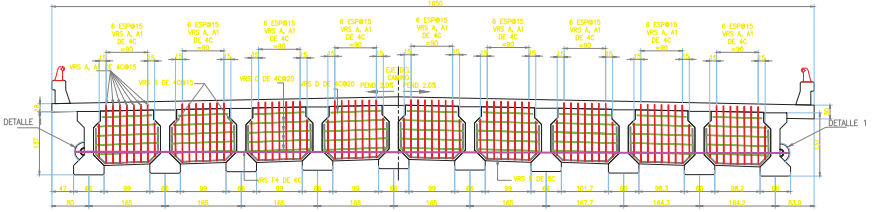
CION DE DIAFRAGMA TIPO A–A

ESC = 1:50



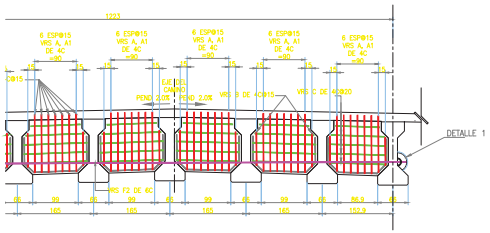
SECCION DE DIAFRAGMA TIPO A'–A'

ESC = 1:50



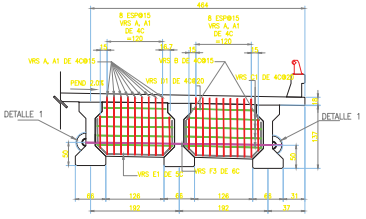
SECCION DE DIAFRAGMA TIPO C–C

ESC = 1:50



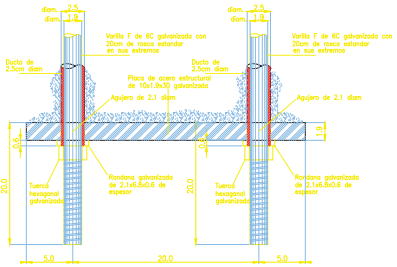
SECCION DE DIAFRAGMA TIPO B–B

ESC = 1:50



SECCION DE DIAFRAGMA TIPO B'–B'

ESC = 1:50



DETALLE 1

ESC = SE

CANTIDADES PARA UN TRAMO DE DIAFRAGMA DE VIGAS	
Concreto f'c=250kg./cm2	14.77 m3
Acero de refuerzo L.E.>4200kg./cm2.	3,126 kg
Varillas con rosca en sus extremos L.E.>4,200 kg./cm2	212 kg
Acero estructural A-36 (placas,tuercas y rondanas)	30.0 kg
Ductos de plastico de 2.5 diametro de 1.51 m.	54 pz
Cimbra de contacto.	95.66 m2

TABLA DE VARILLAS PARA UN TRAMO 6-7

C	C1	C2	D	D1	D2	E	E1	E2	F	F1	F2	F3	F4
4C	4C	4C	4C	4C	4C	5C	5C	5C	6C	6C	6C	6C	6C
176	16	16	44	4	4	44	4	4	2	2	2	2	2
131	164	190	102	134	155	257	288	308	1050	491	1202	424	1546
131	164	190	102	134	155	---	---	---	1050	491	1202	424	1546
---	---	---	---	---	---	---	---	---	---	---	---	---	---
230	26	30	45	5	5	176	18	19	47	22	54	19	70

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

PLANO DE DIAFRAGMAS TRAMO 6-7

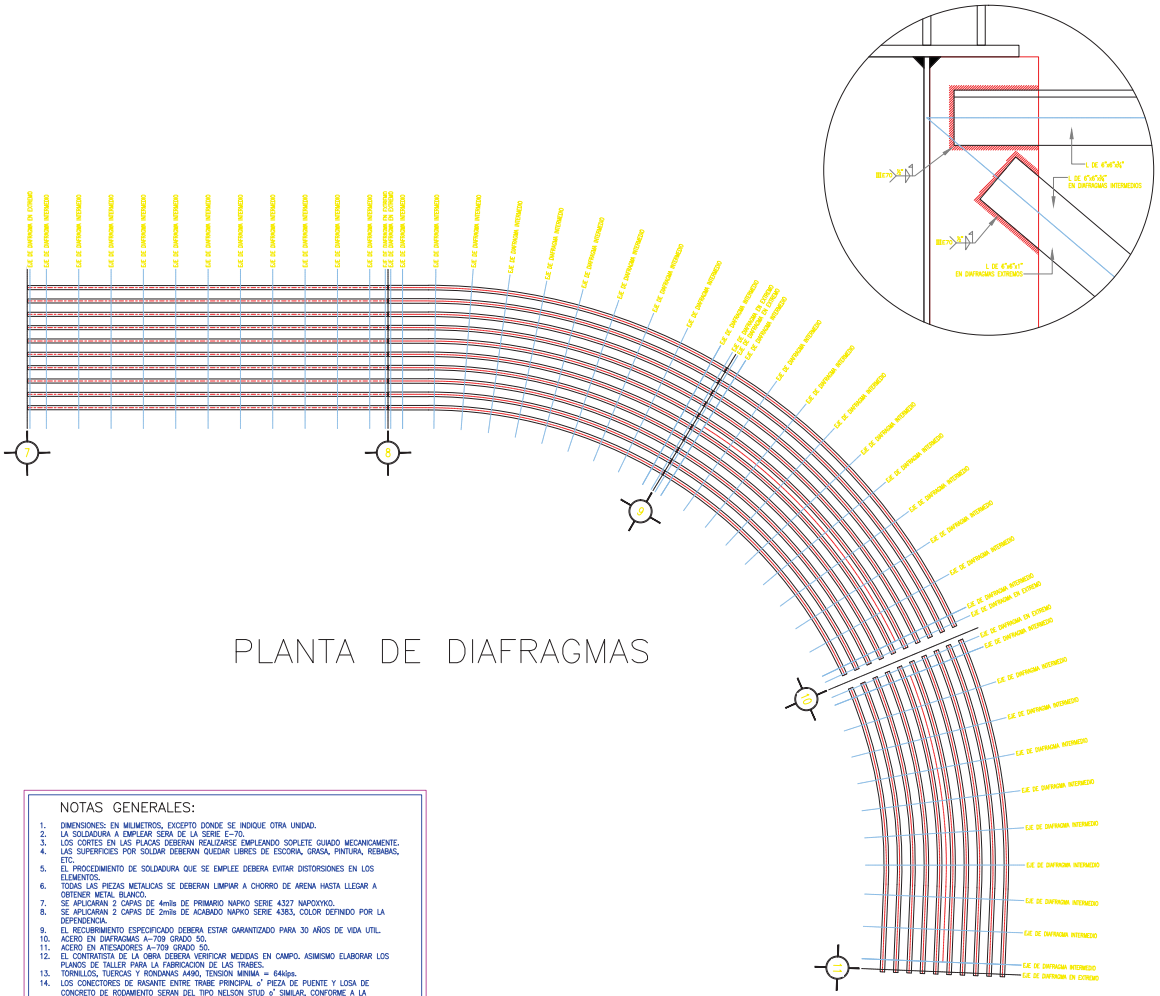
APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
4						
3						
2	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					13/MAY/09
1	EMITIDO					15/DIC/08

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

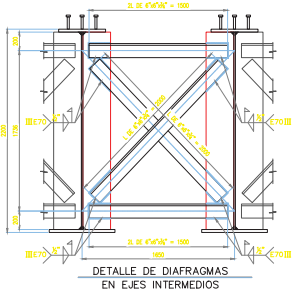
aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	11 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-0001-E11	



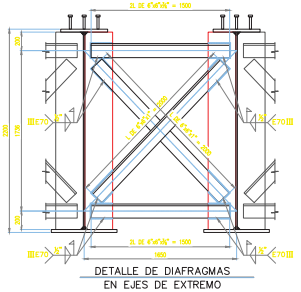
PLANTA DE DIAFRAGMAS

PARA CLAROS 8-9, 9-10 y 10-11



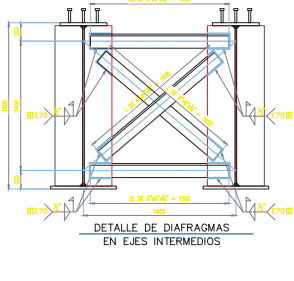
DETALLE DE DIAFRAGMAS
EN EJES INTERMEDIOS

PARA CLAROS 8-9, 9-10 y 10-11



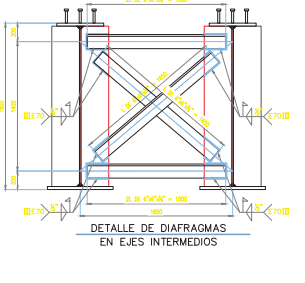
DETALLE DE DIAFRAGMAS
EN EJES DE EXTREMO

PARA CLARO 7-8



DETALLE DE DIAFRAGMAS
EN EJES INTERMEDIOS

PARA CLARO 7-8



DETALLE DE DIAFRAGMAS
EN EJES INTERMEDIOS

NOTAS GENERALES:

1. DIMENSIONES: EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
2. LA SOLDADURA A EMPLEAR SERA DE LA SERIE E-70.
3. LOS CORTES EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN QUEDAR LIBRES DE ESCORIA, GRASA, PINTURA, REBABAS, ETC.
5. EL PROCEDIMIENTO DE SOLDADURA QUE SE EMPLEE DEBERA EVITAR DISTORSIONES EN LOS ELEMENTOS.
6. TODAS LAS PIEZAS METALICAS SE DEBERAN LIMPIAR A CHORRO DE ARENA HASTA LLEGAR A OBTENER METAL BLANCO.
7. SE APLICARAN 2 CAPAS DE 4mils DE PRIMARIO NAPKO SERIE 4327 NAPOXYKO.
8. SE APLICARAN 2 CAPAS DE 2mils DE ACABADO NAPKO SERIE 4383, COLOR DEFINDO POR LA DEPENDENCIA.
9. EL RECUBRIMIENTO ESPECIFICADO DEBERA ESTAR GARANTIZADO PARA 30 AÑOS DE VIDA UTIL.
10. ACERO EN DIAFRAGMAS A-709 GRADO 50.
11. ACERO EN ATIESADORES A-709 GRADO 50.
12. EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO. ASIMISMO ELABORAR LOS PLANOS DE TALLER PARA LA FABRICACION DE LAS TRABES.
13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 64klps.
14. LOS CONECTORES DE RASANTE ENTRE TRABE PRINCIPAL o' PIEZA DE PUENTE Y LOSA DE CONCRETO DE RODAMIENTO SERAN DEL TIPO NELSON STUD o' SIMILAR, CONFORME A LA ESPECIFICACION ASTM A-108 CON fy=3500 kg/cm2.

PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1. GENERALIDADES.-
CONFORME AL PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS POR ESCRITO, ES POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2. ESPECIFICACIONES DE SOLDADURA.-
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA:

Bridge Welding Code
AWS D1.5 (Supersedes AASHTO/AWS D1.5)
American Welding Society

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1988. PERO, SI AL SUMINISTRAR EL ACERO O AL FABRICARLO EXISTIERE UNA EDICION MAS RECIENTE, SE APLICARAN LAS DISPOSICIONES DE ESA NUEVA EDICION. SI ALGUNA ESPECIFICACION RESULTARE DUDOSA O INCOMPLETA, EN FORMA SUPLEMENTARIA, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3. ESPECIFICACION DE MATERIALES.-
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LAS TRABES PRINCIPALES (LONGITUDINALES): ASTM A-709 GRADO 50

3.2 ACERO PARA ATIESADORES RIGIDIZADORES: ASTM A-709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

4. JERARQUIA DE LAS SOLDADURAS.-
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONEXIONES DEL ACERO ESTRUCTURAL SOLDADAS, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "TOLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA COLOCADO UN SIMBOLO PARTICULAR IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA JERARQUIA DE CADA CORDON Y LA INSPECCION RADIOGRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DE RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA, MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.

PROYECTISTA EXTERNO	
constructora MOYEDA s.a. de c.v.	CONSTRUCTORA MOYEDA SA DE CV ING. ARTURO MOYEDA MORALES cedula profesional 2145479

SCT SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

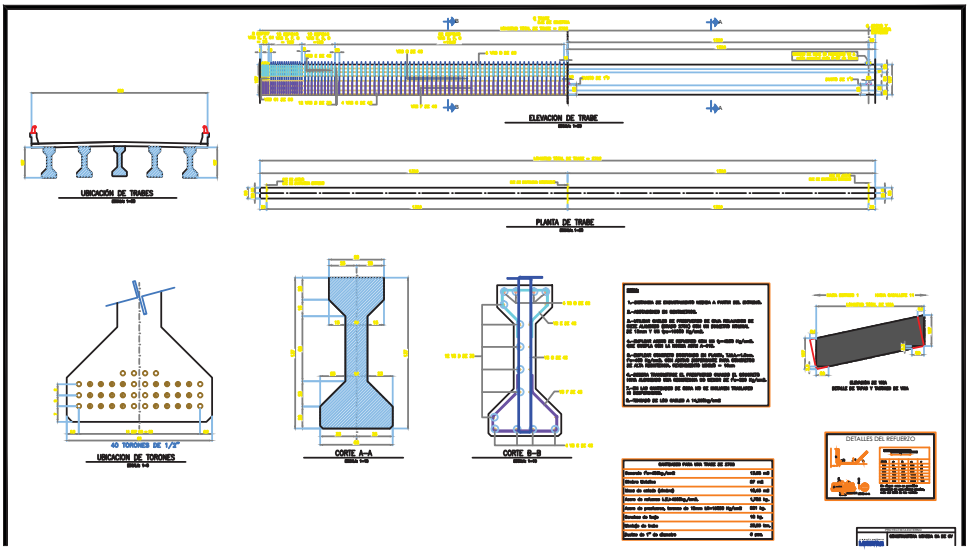
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT — EJE 90
PLANO DE DIAFRAGMAS METALICOS
EJE 90

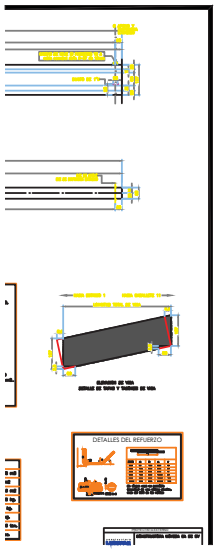
APROBADO PARA CONSTRUCCION

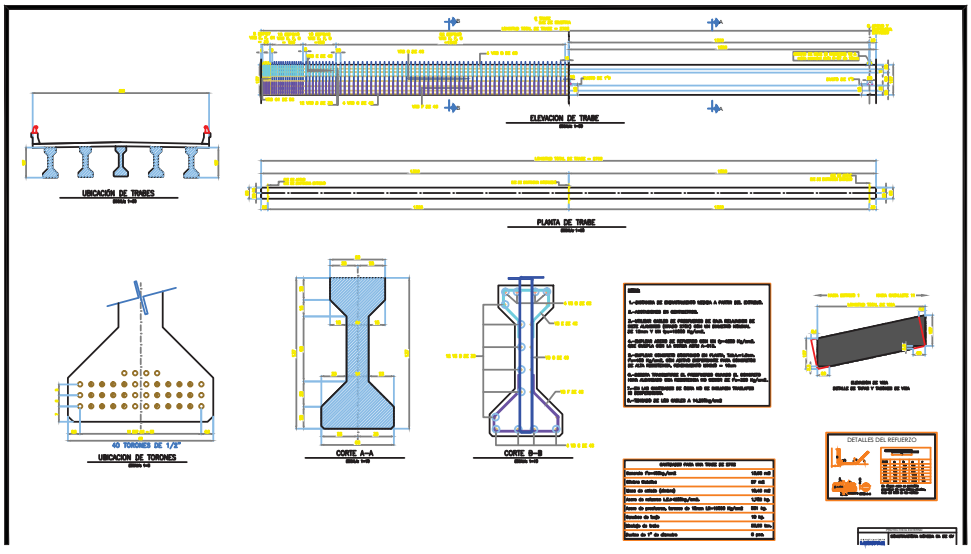
No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha
1	REVISION DE ANGULOS GENERALES POR MODIFICACION DE GALIBO				ALMA/TA	15/DIC/08
0	EMITIDO					

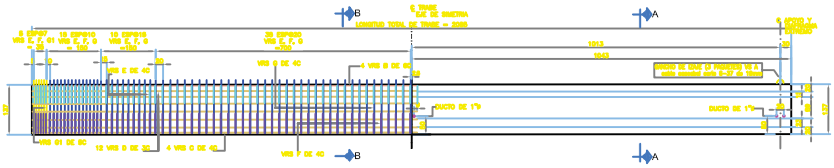
aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LUÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	12 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-II190-0001-E12	

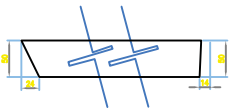

ELEVACION DE TRABE
UBICACIÓN DE TRABES
PLANTA DE TRABE
40 TORONES DE 1/2"
UBICACION DE TORONES
CORTE A-A
CORTE B-B
NOTAS
1.-ACERO DE REFUERZO
2.-RECUBRIMIENTOS
3.-CONCRETO
4.-ACERO DE PRESFUERZO
5.-ACERO PARA
6.-LAS
7.-CONCRETO
ELEVACION DE VIGA
DETALLES DEL REFUERZO


DETALLES DEL REFUERZO

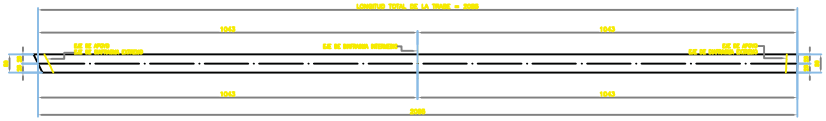

UBICACIÓN DE TRABES
ELEVACION DE TRABE
PLANTA DE TRABE
40 TORONES DE 1/2"
UBICACION DE TORONES
CORTE A-A
CORTE B-B
DETALLES DEL REFUERZO



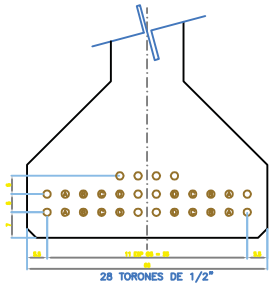
ELEVACION DE TRABE
ESCALA 1=50



DETALLE DE ESVIAJE
ESCALA 1=25

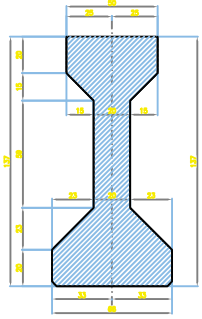


PLANTA DE TRABE
ESCALA 1=50

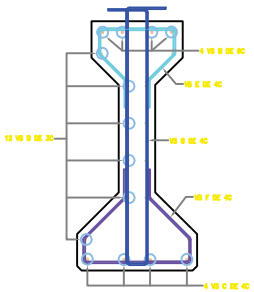


28 TORONES DE 1/2"

UBICACION DE TORONES
ESCALA 1=5



CORTE A-A
ESCALA 1=10



CORTE B-B
ESCALA 1=10

NOTAS:

1.-DISTANCIA DE ENDUCTAMIENTO MEDIDA A PARTIR DEL EXTREMO.

2.-ACOTACIONES EN CENTIMETROS.

3.-UTILIZAR CABLES DE PRESFUERZO DE BAJA RELAJACION DE SIETE ALAMBRES (GRADO 270K) CON UN DIAMETRO NOMINAL DE 13mm Y UN fpu=19000 Kg/cm2.

4.-EMPLEAR ACERO DE REFUERZO CON UN fy=4200 Kg/cm2. QUE CUMPLA CON LA NORMA ASTM A-615.

5.-EMPLEAR CONCRETO DOSIFICADO EN PLANTA, T.M.A.=1.5cm. f'c=350kg/cm2. CON ADITIVO DISPERSANTE PARA CONCRETOS DE ALTA RESISTENCIA. REVENIMIENTO MINIMO = 16cm

6.-DEBERA TRANSMITIRSE EL PRESFUERZO CUANDO EL CONCRETO HAYA ALCANZADO UNA RESISTENCIA NO MENOR DE f'c=280Kg/cm2.

7.-EN LAS CANTIDADES DE OBRA NO SE INCLUYEN TRASLAPES NI DESPERDICIOS.

8.-TENSADO DE LOS CABLES A 14,250kg/cm2

LONGITUDES DE ENDUCTAMIENTO

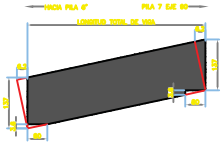
GRUPO	CAPA-1	CAPA-2	CAPA-3	LONGITUD DE ENDUCTAMIENTO
A	2	2	0	1.00m
B	2	2	0	2.50m
C	2	2	0	4.00m
D	2	2	0	5.50m

CANTIDADES PARA UNA TRABE DE 2085

Concreto f'c=350kg/cm2	10.44 m3
Cimbra Metalica	64.00 m2
Masa de colado (cimbra)	13.78 m2
Acero de refuerzo L.E.>4200kg/cm2.	1,305 kg.
Acero de presfuerzo, torones de 13mm Lit=19000 Kg/cm2	438 kg.
Ganchos de izaje	16 kg.
Montaje de trabe	28.00 ton.
Ductos de 1" de diametro	6 pza.

TABLA DE VARILLAS PARA UNA TRABE DE 2085

Nombre	A	B	C	D	E	F	G	G1
Diametro	#8@5 cm(en ambos extr. 2=20 cm 10cms	6C	4C	3C	4C	4C	4C	5C
Numero	6	4	4	12	138	138	126	12
Long. Tot.	362	2075	2075	2075	142	186	378	378
Dibujo								
a	---	2075	2075	2075	42	58	146	146
b	---	---	---	---	20	34	12	12
Peso	18	187	83	139	195	156	474	71



ELEVACION DE VIGA
DETALLE DE TAPAS Y TACONES DE VIGA

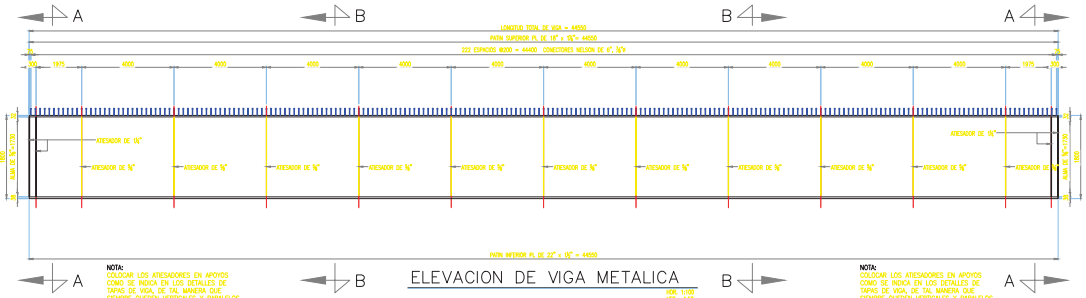
PROYECTO EJECUTIVO
CONSTRUCTORA MOVIDA SA DE CV
ING. ARTURO MONTES MORALES
PUERTO DE VERACRUZ
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE TRABE DE 2085
TRAMO 6-7 EJE 90 V-10

No.	Revisión	Cons.	Aprob.	Recib.	Integ.	Fecha
1	EMITIDO					

aprobación para construcción GERENTE DE INGENIERIA

aprobación de proyecto SUBGERENCIA TECNICA DE PROYECTOS

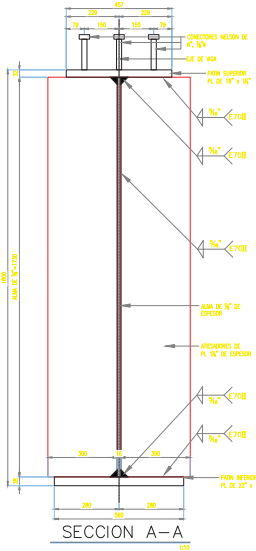
CONSTRUCTORA MOVIDA SA DE CV | DIC/2006 | CLAVE IND. 17 DE 70
REVISO | DIBUJO | CLAVE
MV-G-JTO-0201-017



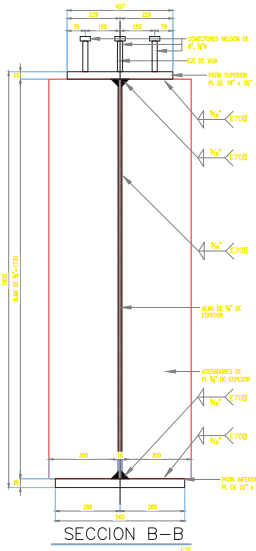
NOTA:
COLOCAR LOS ATIESADORES EN APOYOS COMO SE INDICA EN LOS DETALLES DE TAPAS DE VIGA, DE TAL MANERA QUE SIEMPRE QUEDEN VERTICALES Y PARALELOS A LA COLUMNA.

ELEVACION DE VIGA METALICA
VER. 1:100
VER. 1:50

NOTA:
COLOCAR LOS ATIESADORES EN APOYOS COMO SE INDICA EN LOS DETALLES DE TAPAS DE VIGA, DE TAL MANERA QUE SIEMPRE QUEDEN VERTICALES Y PARALELOS A LA COLUMNA.

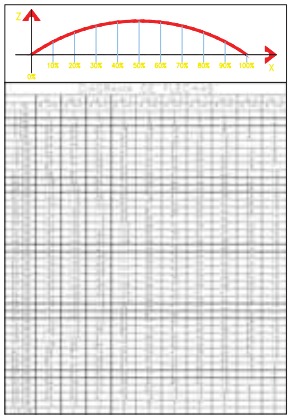


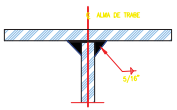
SECCION A–A
1:10



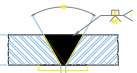
SECCION B–B
1:10

DETALLE DE TAPAS Y TACONES DE VIGA

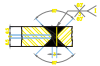




SOLDADURA DE TRABE PRINCIPAL ENTRE ALMA Y PATIN SUPERIOR



UNION TIPICA ENTRE PATINES DEL MISMO ESPESOR



UNION TIPICA ENTRE ALMAS DEL MISMO ESPESOR

PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1. GENERALIDADES.–
CONFORME A ESTE PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS EN EL MISMO, O POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2. ESPECIFICACIONES DE SOLDADURA.–
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA:

Bridge Welding Code
AMERICAN WELDING SOCIETY
AWS D1.5-88
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1988, PERO, SI AL SUMINISTRARSE EL ACERO O DURANTE EXISTE UNA NUEVA EDICION, LA RESIDENCIA DE SUPERVISION LAS INCORPORARA EN EL CASO DE ADICIONAL O ALGUNA ESPECIFICACION RESULTARE OBSOLETA O INCOMPLETA, EN FORMA SUPLEMENTARIA, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3. ESPECIFICACION DE MATERIALES.–
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LOS TRABES PRINCIPALES (LONGITUDINALES): ASTM A–709 GRADO 50

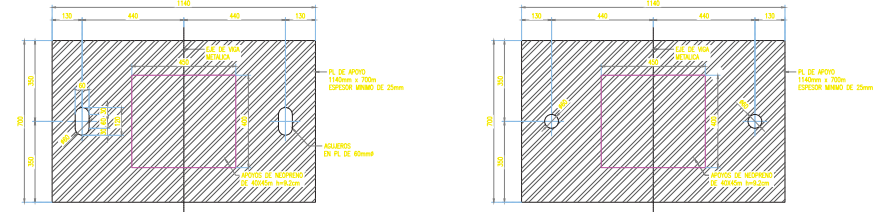
3.2 ACERO PARA ATIESADORES RIGIDIZADORES: ASTM A–709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

4. JERARQUIA DE LAS SOLDADURAS.–
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONDICIONES DEL ACERO ESTRUCTURAL SOLDADO, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "COLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA COLOCADO UN SIMBOLO PARTICULAR IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA JERARQUIA DE CADA CORDON Y LA INSPECCION RADIOGRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DE RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA, MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.



PLACA BASE APOYO MOVIL
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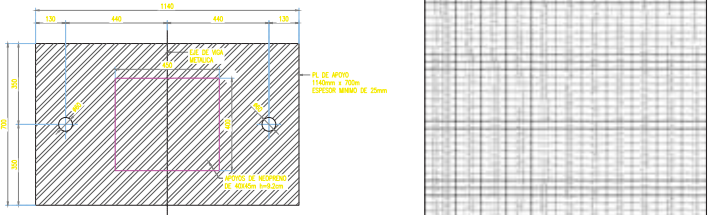

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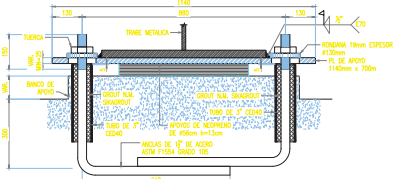

DETALLE DE ANCLAJE DE VIGA
APOYO MOVIL
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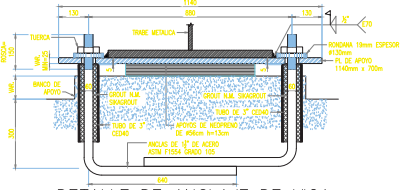
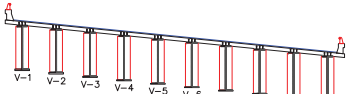


DETALLE DE ANCLAJE DE VIGA
APOYO FIJO
1:10



LOCALIZACION DE VIGAS

NOTAS GENERALES:

1. DIMENSIONES EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
2. LA SOLDADURA A EMPLEAR SERA DE LA SERIE E-70.
3. LAS COPIAS EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN QUEDAR LIBRES DE ESCORIA, GRASA, PINTURA, REBABAS, ETC.
5. EL PROCEDIMIENTO DE SOLDADURA QUE SE EMPLEE DEBERA EVITAR DISTORSIONES EN LOS ELEMENTOS.
6. TODAS LAS PIEZAS METALICAS SE DEBERAN LIMPIAR A CHORRO DE ARENA HASTA LLEGAR A OBTENER METAL BLANCO.
7. SE APLICARAN 2 CAPAS DE 4mils DE PRIMARIO INAPXI SERIE 4327 INAPOXIDO.
8. SE APLICARAN 2 CAPAS DE 2mils DE ACABADO INAPXI SERIE 4383, COLOR DEFINIDO POR LA DEPENDENCIA.
9. EL RECUBRIMIENTO ESPECIFICADO DEBERA ESTAR GARANTIZADO PARA 30 AÑOS DE VIDA UTIL.
10. ACERO EN TRABES A–709 GRADO 50.
11. ACERO EN ATIESADORES A–709 GRADO 50.
12. EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO, ASIMISMO ELABORAR LOS PLANOS DE TALLER PARA LA FABRICACION DE LAS TRABES.
13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 644kn.
14. LOS CONECTORES DE ANGANTE ENTRE TRABE PRINCIPAL y PIEZA DE PUENTE Y LOSA DE CONCRETO DE ROZAMIENTO SERAN DEL TIPO NELSON STUD s/ SIMILAR, CONFORME A LA ESPECIFICACION ASTM A–108 CON fy=3000 kg/cm2.

PROYECTISTA EXTERNO	
constructora MOYEDA s.a. de c.v.	CONSTRUCTORA MOYEDA SA DE CV
	ING. ARTURO MOYEDA MORALES cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT — EJE 90

PLANO DE TRABE METALICA 1 A 10

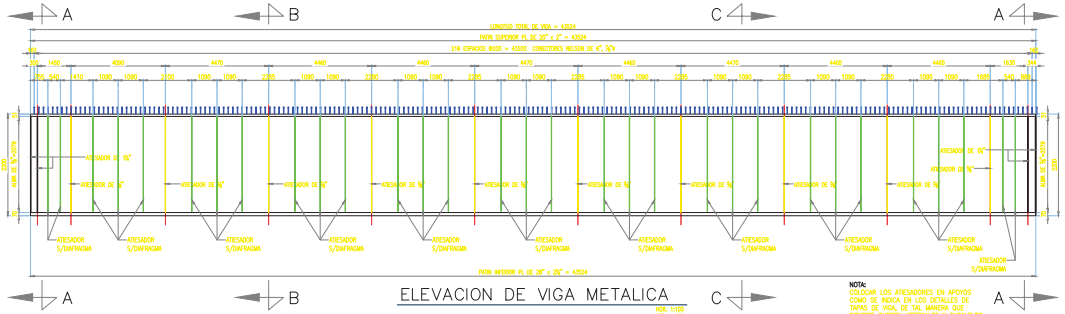
TRAMOS 7-8 EJE 90

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					15/MAY/08
2	CAMBIO DE ESPESOR DE ATIESADOR EN APOYO					15/ABR/08
0	EMITIDO					15/DIC/08

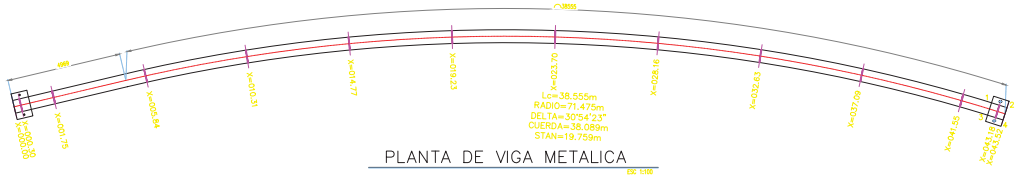
aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	18 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API–Q–J190–0001–E18	



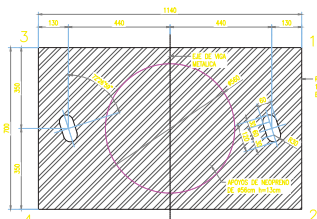
ELEVACION DE VIGA METALICA

NOTA:
COLOCAR LOS ATIESADORES EN APOYOS COMO SE INDICA EN LOS DETALLES DE TAPAS DE VIGA, DE TAL MANERA QUE SIEMPRE QUEDEN VERTICALES Y PARALELOS A LA COLUMNA.

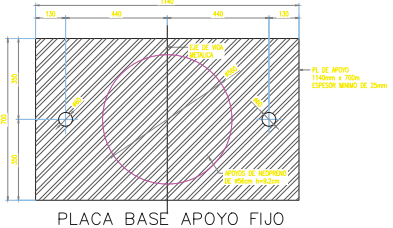


PLANTA DE VIGA METALICA

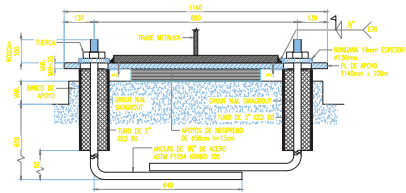
DETALLE DE TAPAS Y TACONES DE VIGA



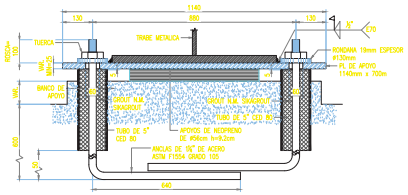
PLACA BASE APOYO MOVIL



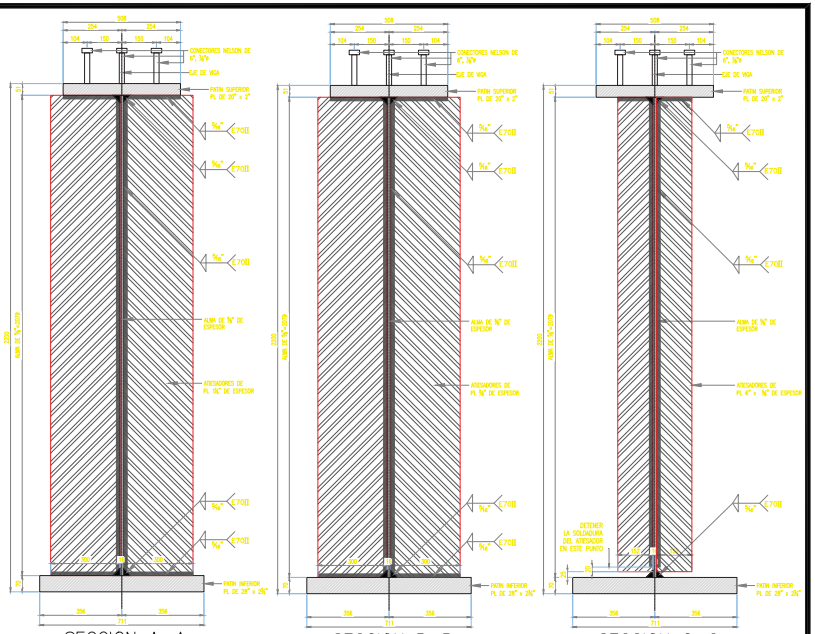
PLACA BASE APOYO FIJO

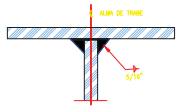


DETALLE DE ANCLAJE DE VIGA
APOYO MOVIL

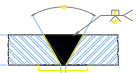


DETALLE DE ANCLAJE DE VIGA
APOYO FIJO

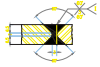




SOLDADURA DE TRABE PRINCIPAL ENTRE ALMA Y PATIN SUPERIOR



UNION TIPICA ENTRE PATINES DEL MISMO ESPESOR



UNION TIPICA ENTRE ALMAS DEL MISMO ESPESOR

PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1. GENERALIDADES.–
CONFORME A ESTE PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS EN EL MISMO, O POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2. ESPECIFICACIONES DE SOLDADURA.–
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA:

Bridge Welding Code
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1988, PERO, SI AL SOMETERSE LA ADJUDICACION EXISTIERE UNA EDICION MAS RECIENTE, SE ADOPTARA LAS DISPOSICIONES QUE ESA EDICION CONTENGA. O ALGUNA ESPECIFICACION REGULARE, DUDOSA O INCOMPLETA, EN FORMA SUPLEMENTARIA, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3. ESPECIFICACION DE MATERIALES.–
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LOS TRAMES PRINCIPALES (LONGITUDINALES): ASTM A-709 GRADO 50

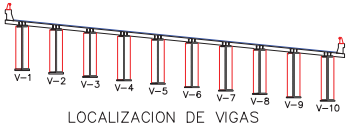
3.2 ACERO PARA ATIESADORES RIGIDIZADORES: ASTM A-709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

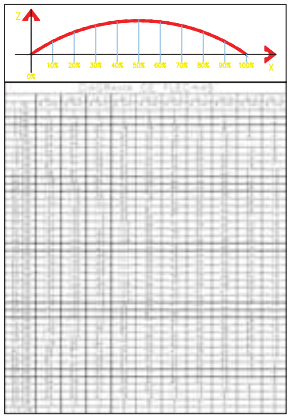
4. JERARQUIA DE LAS SOLDADURAS.–
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONDICIONES DEL ACERO ESTRUCTURAL SOLDADO, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "COLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA COLOCADO UN SIMBOLO PARTICULAR IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA JERARQUIA DE CADA CORDON Y LA INSPECCION RADIOGRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DE RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA, MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.



LOCALIZACION DE VIGAS



NOTAS GENERALES:

1. DIMENSIONES EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
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3. LOS CORTES EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN QUEDAR LIBRES DE ESCORIA, GRASA, PINTURA, REBABAS, ETC.
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13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 644kn.
14. LOS CONECTORES DE RASANTE ENTRE TRABE PRINCIPAL a" PIEZA DE PUENTE Y LOSA DE CONCRETO DE RODAMIENTO SERAN DEL TIPO NELSON STUD o" SIMILAR, CONFORME A LA ESPECIFICACION ASTM A-108 CON fy=350 kg/cm2.

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3						
2						
1	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					15/MAY/08
0	CAMBIO DE ESPESOR DE ATIESADOR EN APOYO					15/DIC/08
0	E M I T I D O					15/DIC/08

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

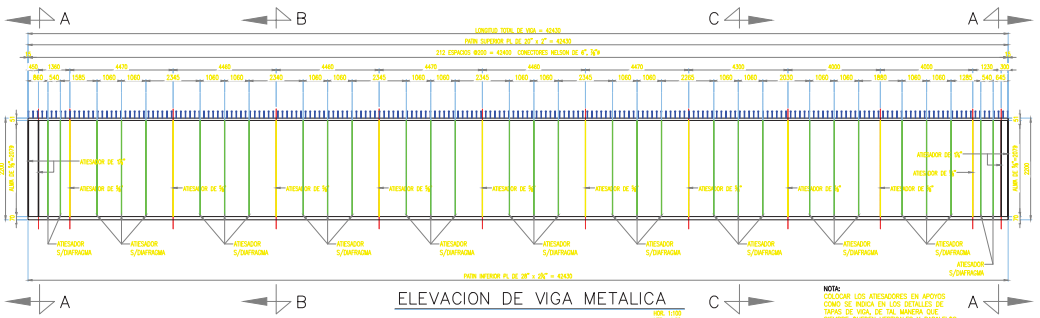
SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

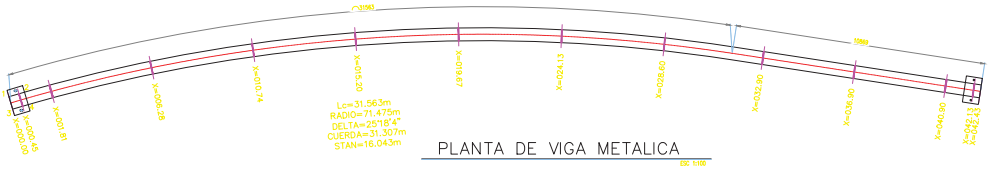
PUERTO DE VERACRUZ

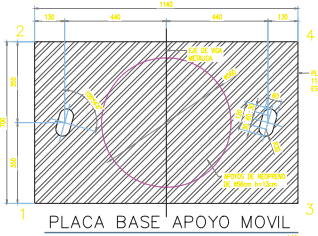
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

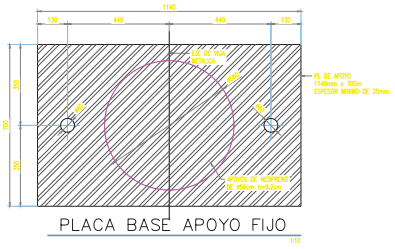
PLANO DE TRABE METALICA 1
TRAMOS 8-9 EJE 90

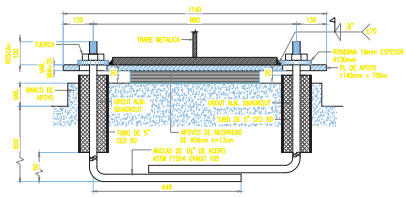
CALCULO, LEVANTO, PROYECTO	FECHA	ACEROS Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	19 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-Q-J190-0001-E19	

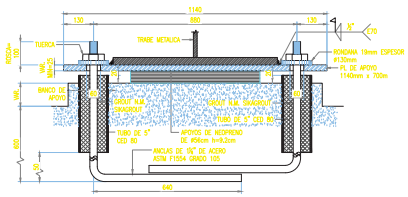


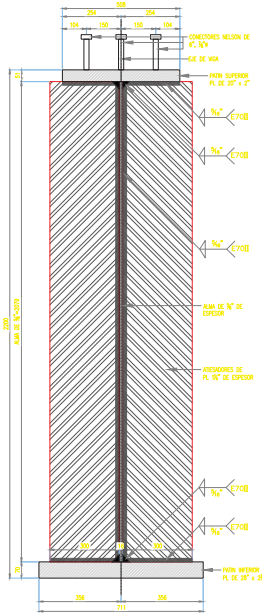


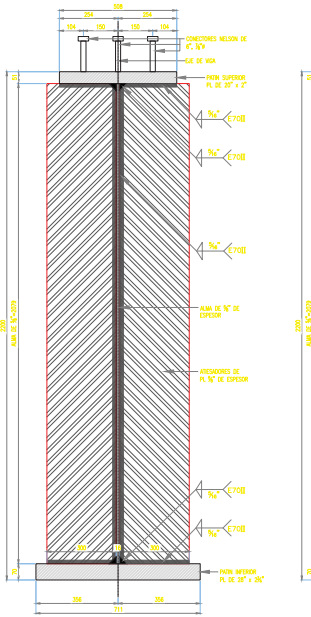


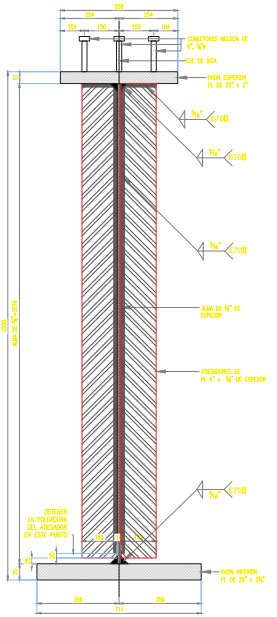


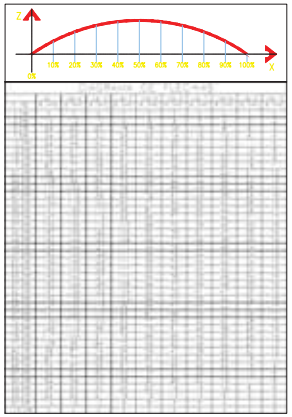


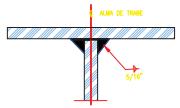


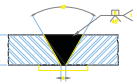


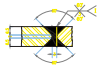












PROCEDIMIENTOS DE CONSTRUCCION DE SOLDADURAS

1. GENERALIDADES.–
CONFORME A ESTE PLANO Y A LAS DISPOSICIONES COMPLEMENTARIAS FIJADAS EN EL MISMO, O POR EL LABORATORIO DE INSPECCION A LA RESIDENCIA DE SUPERVISION, SE REALIZARAN TODAS LAS SOLDADURAS DE LA SUPERESTRUCTURA DE ESTE PUENTE.

2. ESPECIFICACIONES DE SOLDADURA.–
TODA LA SOLDADURA POR APLICAR, LA PREPARACION DE MATERIALES, PRECALENTAMIENTOS, ELECTRODOS, ETC. SE AJUSTARAN A LA ULTIMA EDICION DE LA ESPECIFICACION DENOMINADA:

Bridge Welding Code
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

LAS REFERENCIAS DE ESTE PLANO CORRESPONDEN CON LA EDICION DE ESTAS ESPECIFICACIONES EFECTIVA EL 1o. DE OCTUBRE DE 1988, PERO, SI AL SUMINISTRAR LA SOLDADURA EXISTIERA EXISTE UNA EDICION MAS RECIENTE, SE UTILIZARA LA ESPECIFICACION QUE ESA EDICION CONTENGA. O ALGUNA ESPECIFICACION REGULARE, OLVIDADA O INCOMPLETA, EN FORMA SUPLEMENTARIA, SE APLICARA LA ULTIMA EDICION DE LAS ESPECIFICACIONES DENOMINADAS "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" DE LA AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

3. ESPECIFICACION DE MATERIALES.–
EL ACERO ESTRUCTURAL DEL PUENTE CUMPLIRA CON LA ULTIMA EDICION DE LAS SIGUIENTES ESPECIFICACIONES DE MATERIALES:

3.1 ACERO PARA EMPLEARSE EN LAS TRABES PRINCIPALES (LONGITUDINALES): ASTM A-709 GRADO 50

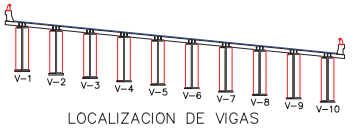
3.2 ACERO PARA ATIESADORES RIGIDIZADORES: ASTM A-709 GRADO 50.

3.3 ELECTRODOS PARA SOLDADURA SEGUN LO FIJADO EN EL BRIDGE WELDING CODE SEÑALADO. PERO DE LA SERIE E 70 O SUPERIOR PARA MATERIAL DEL GRADO 50.

4. JERARQUIA DE LAS SOLDADURAS.–
POR TRATARSE DE UNA SUPERESTRUCTURA CON TODAS LAS CONDICIONES DEL ACERO ESTRUCTURAL SOLDADO, Y DADAS LAS DIFERENCIAS EN LA IMPORTANCIA DE LOS CORDONES, ASI COMO LAS CONSECUENCIAS QUE RESULTARIAN DE LA POSIBLE FALLA DE ALGUNA DE ELLAS EN LA "COLA" DE TODOS LOS SIMBOLOS GENERALES DE SOLDADURA, SE HA COLOCADO UN SIMBOLO PARTICULAR IDENTIFICADO CON NUMERO ROMANO (I, II, III, IV), MEDIANTE EL CUAL SE ESTABLECE LA JERARQUIA DE CADA CORDON Y LA INSPECCION RADIOGRAFICA O DE PARTICULAS MAGNETICAS, QUE DEBRE HACERSE CONFORME A LO SIGUIENTE:

IDENTIFICACION (TIPO)	IMPORTANCIA O TRASCENDENCIA DE RADIOGRAFIA	% DE LONG.
I	INDISPENSABLES, CUYA FALLA PONE EN PELIGRO LA TOTALIDAD DE LA ESTRUCTURA	100
II	MUY IMPORTANTES PARA LA TOTALIDAD Y NECESARIAS EN MIEMBROS PARTICULARES	50
III	DE COSTURA, MUY IMPORTANTES PARA EL MIEMBRO	20
IV	DE FILETE SIN PREPARACION, NECESARIA PARA EL TRABAJO DE CONJUNTO	0

SEGUN LO FIJE EL LABORATORIO DE CONTROL, O LA RESIDENCIA Y SUPERVISION EN SU CASO, PODRAN VARIARSE LOS PORCENTAJES ANTERIORES O FIJARSE OTROS TIPOS DE INSPECCION.



NOTAS GENERALES:

1. DIMENSIONES: EN MILIMETROS, EXCEPTO DONDE SE INDIQUE OTRA UNIDAD.
2. LA SOLDADURA A EMPLEAR SERA DE LA SERIE E–70.
3. LOS CORTES EN LAS PLACAS DEBERAN REALIZARSE EMPLEANDO SOPLETE GUIADO MECANICAMENTE.
4. LAS SUPERFICIES POR SOLDAR DEBERAN QUEDAR LIBRES DE ESCORIA, GRASA, PINTURA, REBABAS, ETC.
5. EL PROCEDIMIENTO DE SOLDADURA QUE SE EMPLEE DEBERA EVITAR DISTORSIONES EN LOS ELEMENTOS.
6. LAS CONEXIONES PIEZAS METALICAS SE DEBERAN LIMPIAR A CHORRO DE ARENA HASTA LLEGAR A OBTENER METAL BLANCO.
7. SE APLICARAN 2 CAPAS DE 4mils DE PRIMARIO RAPIDO SERIE 4327 INPROZINC.
8. SE APLICARAN 2 CAPAS DE 2mils DE ACABADO RAPIDO SERIE 4383, COLOR DEFINIDO POR LA DEPENDENCIA.
9. EL RECUBRIMIENTO ESPECIFICADO DEBERA ESTAR GARANTIZADO PARA 30 AÑOS DE VIDA UTIL.
10. ACERO EN TRABES A–709 GRADO 50.
11. ACERO EN ATIESADORES A–709 GRADO 50.
12. EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO, ADEMSMO ELABORAR LOS PLANOS DE TALLER Y DE MONTAJE PARA CADA UNA DE LAS TRABES.
13. TORNILLOS, TUERCAS Y RONDANAS A490, TENSION MINIMA = 64Kips.
14. LOS CONECTORES DE RASANTE ENTRE TRABE PRINCIPAL «I» PIEZA DE PUENTE Y LOSA DE CONCRETO DE RECUBRIMIENTO SERAN DEL TIPO NELSON STUD «I» SIMILAR, CONFORME A LA ESPECIFICACION ASTM A–108 CON fy=3500 kg/cm2.

APROBADO PARA CONSTRUCCION	No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
	3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					15/MAY/08
	2	CAMBIO DE ESPESOR DE ATIESADOR EN APOYO					08/ABR/08
	0	E M I T I D O					15/OCT/07

aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LLAÑO CARRERA

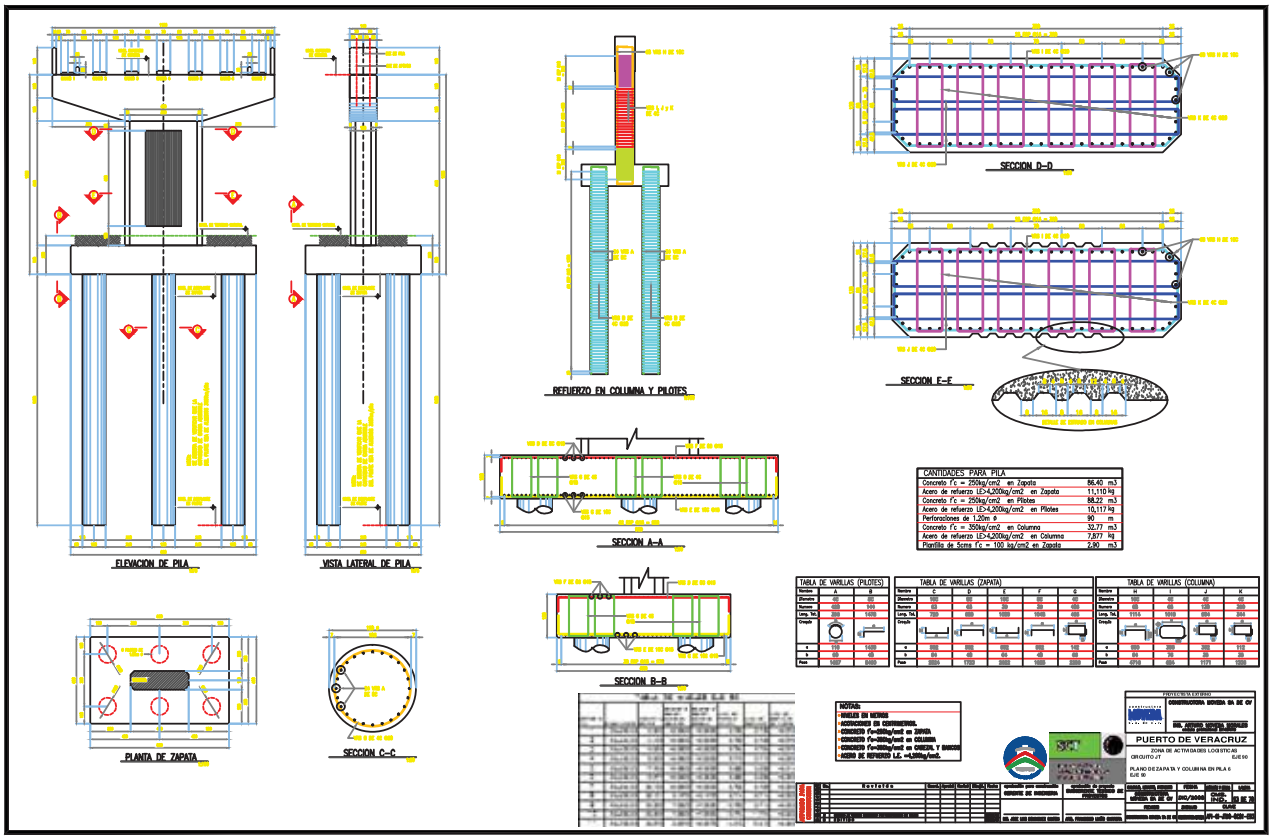
PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

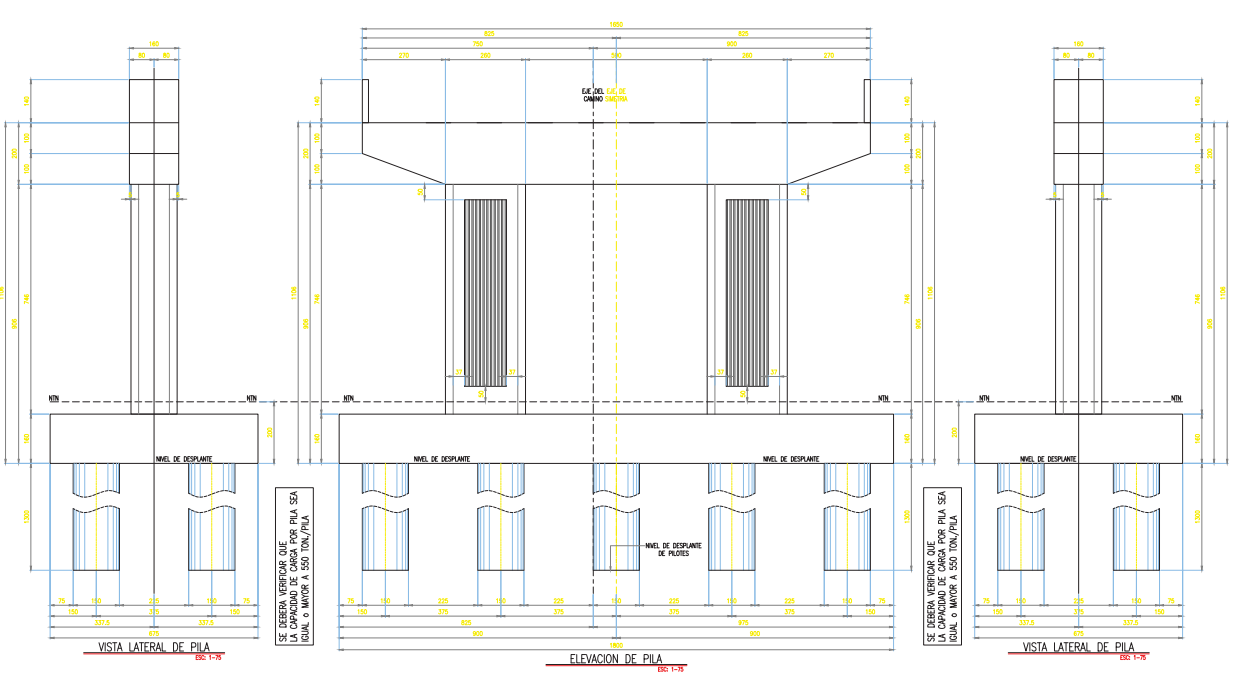
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT — EJE 90

PLANO DE TRABE METALICA 1
TRAMOS 10-11 EJE 90

CALCULO, LEVANTO, PROYECTO	FECHA	ACEROS Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	MMS. IND.	39 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API–01–0190–0001–E39	

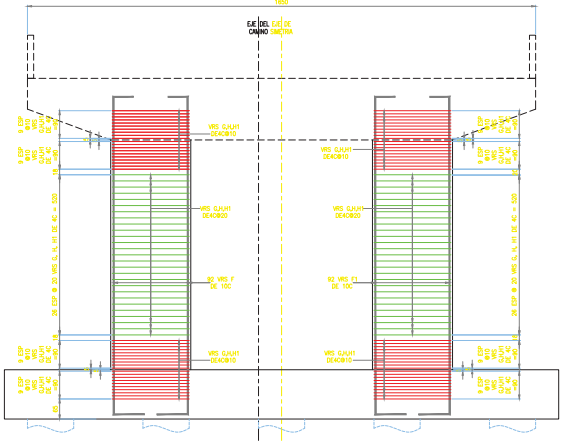

ELEVACION DE PILA
VISTA LATERAL DE PILA
PLANTA DE ZAPATA
SECCION C-C
REFUERZO EN COLUMNA Y PILOTES
SECCION A-A
SECCION B-B
SECCION D-D
SECCION E-E
CANTIDADES PARA PILA
Concreto f'c = 250kg/cm2 en Zapata 86.40 m3
Acero de refuerzo LE>4,200kg/cm2 en Zapata 11,110 kg
Concreto f'c = 250kg/cm2 en Pilotes 88.22 m3
Acero de refuerzo LE>4,200kg/cm2 en Pilotes 10,117 kg
Perforaciones de 1.20m ø 90 m
Concreto f'c = 350kg/cm2 en Columna 32.77 m3
Acero de refuerzo LE>4,200kg/cm2 en Columna 7,877 kg
Plantilla de Scma f'c = 100 kg/cm2 en Zapata 2.80 m3
TABLA DE VARILLAS (PILOTES)
TABLA DE VARILLAS (ZAPATA)
TABLA DE VARILLAS (COLUMNA)
NOTAS:
PUERTO DE VERACRUZ
ELEVACION DE PILA
PLANTA DE ZAPATA



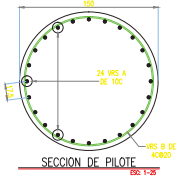
VISTA LATERAL DE PILA
ESC 1-75

ELEVACION DE PILA
ESC 1-75

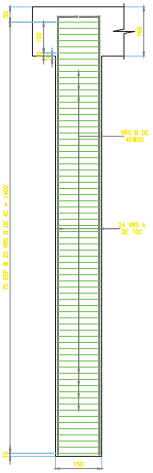
VISTA LATERAL DE PILA
ESC 1-75



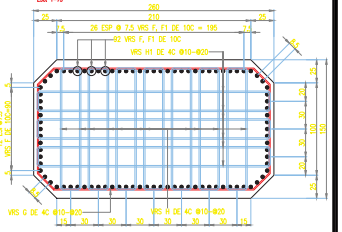
ELEVACION DEL REFUERZO DE COLUMNAS
ESC 1-75

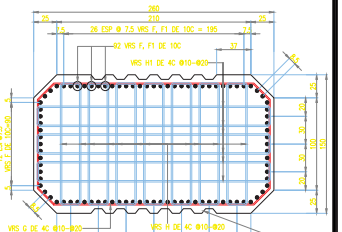


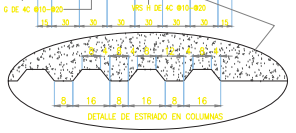
SECCION DE PILOTE
ESC 1-25



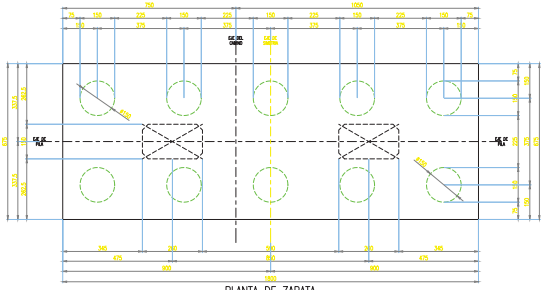
ELEVACION DEL REFUERZO DE PILOTES
ESC 1-75



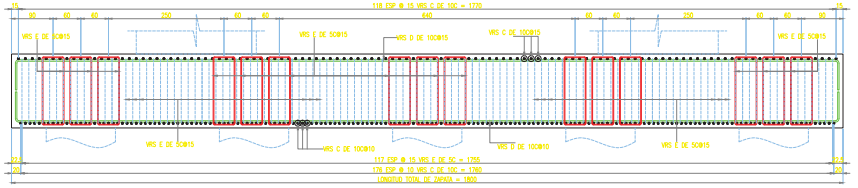




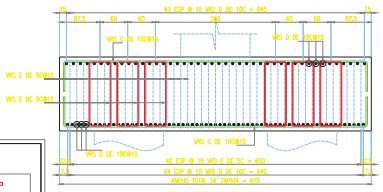
SECCION DEL REFUERZO DE COLUMNAS
ESC 1-25



PLANTA DE ZAPATA
ESC 1-100



SECCION LONGITUDINAL DEL REFUERZO DE ZAPATA
ESC 1-50



SECCION TRANSVERSAL DEL REFUERZO DE ZAPATA
ESC 1-50

TABLA DE VARILLAS DE 8M

TABLA DE CANTIDADES POR ZAPATA

Perforacion para Pilotes	150.00	ml
Concreto f'c = 250kg/cm2 en Pilotes	229.73	m3
Acero de refuerzo LE>4,200kg/cm2 en Pilotes	25,711	kg
Concreto f'c = 250kg/cm2 en Zapata	194.40	m3
Acero de refuerzo LE>4,200kg/cm2 en Zapata	36,359	kg

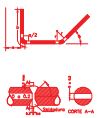
TABLA DE CANTIDADES PARA COLUMNAS

Concreto f'c = 350kg/cm2 en Columnas	56.40	m3
Acero de refuerzo LE>4,200kg/cm2 en Columnas	20,518	kg

TABLA DE VARILLAS (ZAPATA Y COLUMNAS)

Nombre	A	B	C	D	E	F	F1	G	H	H1
Diametro	10C	4C	10C	10C	5C	10C	10C	4C	4C	4C
Numero	240	710	296	109	1353	92	92	134	938	402
Long. Tot.	1489	490	793	1768	462	1195	1195	778	362	602
Croquis										
a	1425	140	665	1640	152	1031	1031	217	133	253
b	64	--	64	64	48	100	100	97	23	23
Peso	22246	3465	14612	11996	9751	6844	6844	1038	3382	2410

DETALLES DEL REFUERZO



DIAM	a	b	e	r
3C	8	16	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	38	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas

NOTAS:
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=350kg/cm2 en Columnas
- CONCRETO f'c=250kg/cm2 en Pilotes y Zapata
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					19/MAY/09
0	EMITIDO					15/DIC/08

aprobación para construcción: GERENTE DE INGENIERIA — ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto: SUBGERENTE TECNICO DE PROYECTOS — ARQ. FRANCISCO LUÑO CARRERA

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

SCT
SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGÍSTICAS
CIRCUITO JT — EJE 90

PLANO DE ZAPATA Y COLUMNA PILA 7
EJE 90

CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	54 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT90-0001-E54	

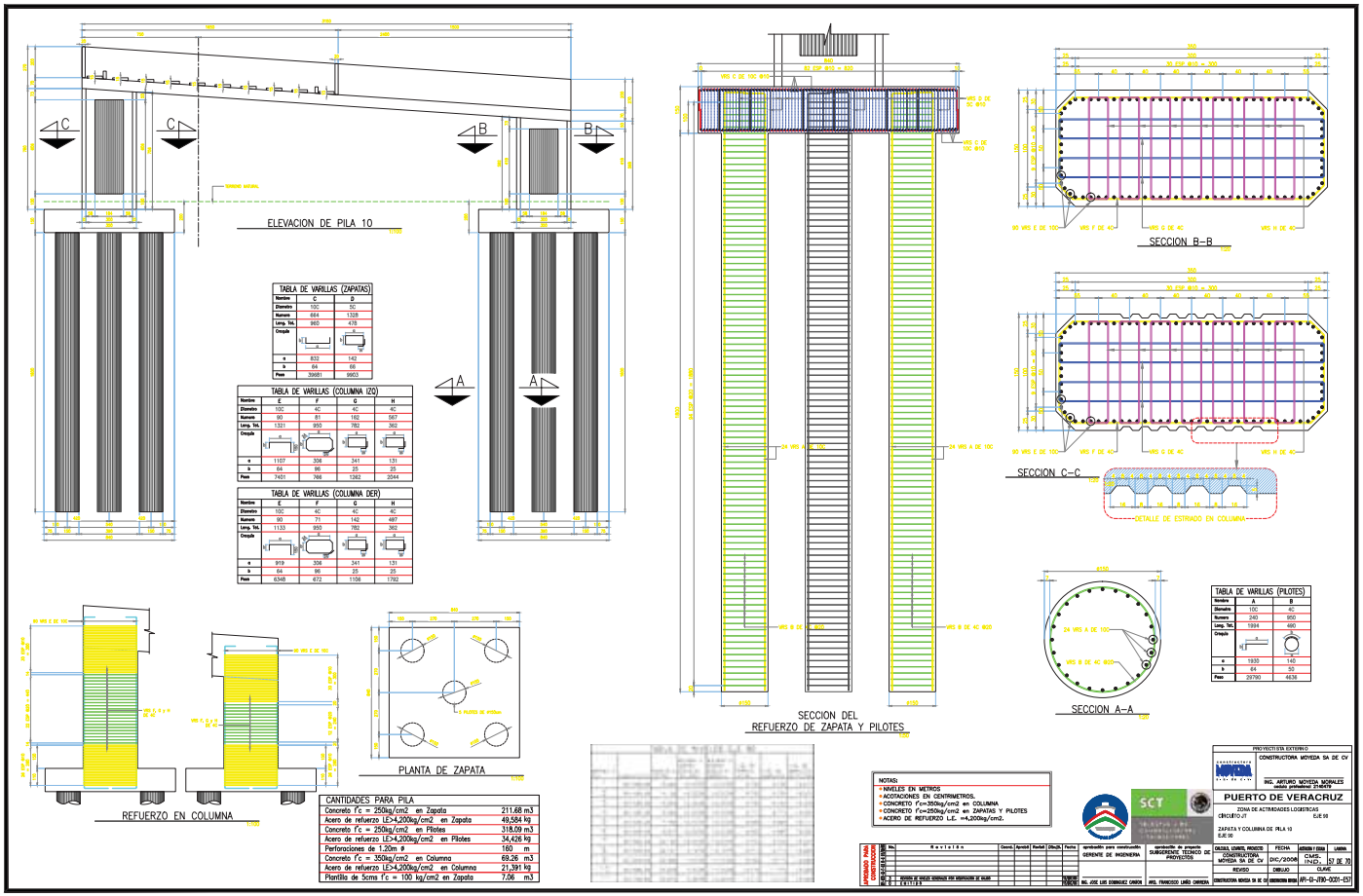


TABLA DE VARILLAS (ZAPATAS)		
Nombre	C	D
Diámetro	10C	8C
Numero	664	1328
Long. Tot.	963	478
Croquis		
a	832	142
b	64	66
Peso	39681	8953

TABLA DE VARILLAS (COLUMNA IZQ)				
Nombre	E	F	G	H
Diámetro	10C	4C	4C	4C
Numero	90	81	162	567
Long. Tot.	1321	950	782	362
Croquis				
a	1107	306	341	131
b	64	96	25	25
Peso	7451	766	1262	2044

TABLA DE VARILLAS (COLUMNA DER)				
Nombre	E	F	G	H
Diámetro	10C	4C	4C	4C
Numero	90	71	142	497
Long. Tot.	1133	950	782	362
Croquis				
a	919	306	341	131
b	64	96	25	25
Peso	6348	672	1106	1792

TABLA DE VARILLAS (PILOTES)		
Nombre	A	B
Diámetro	10C	4C
Numero	240	950
Long. Tot.	1994	490
Croquis		
a	1930	140
b	64	50
Peso	29790	4636

CANTIDADES PARA PILA	
Concreto f'c = 250kg/cm2 en Zapata	211.68 m3
Acero de refuerzo LE>4,200kg/cm2 en Zapata	49,584 kg
Concreto f'c = 250kg/cm2 en Pilotes	318.09 m3
Acero de refuerzo LE>4,200kg/cm2 en Pilotes	34,426 kg
Perforaciones de 1.20m Ø	160 m
Concreto f'c = 350kg/cm2 en Columna	69.26 m3
Acero de refuerzo LE>4,200kg/cm2 en Columna	21,391 kg
Plantillo de 5cms f'c = 100 kg/cm2 en Zapata	7.06 m3

NOTAS:
- NIVELES EN METROS
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=350kg/cm2 en COLUMNA
- CONCRETO f'c=250kg/cm2 en ZAPATAS Y PILOTES
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

PROYECTISTA EXTERNO:
CONSTRUCTORA MOVIDA SA DE CV
ING. ARTURO MOVIDA MORALES
JEFE DE PROYECTO

PUERTO DE VERACRUZ

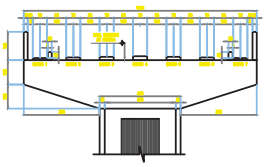
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT
EJE 50

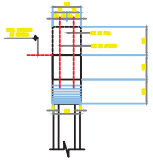
ZAPATA Y COLUMNA DE PILA 10
EJE 90

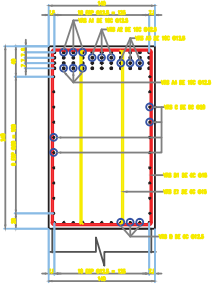
REVISIONES	No.	Revisión	Cons.	Aprobó	Revisó	Dibujó	Fecha

Aprobación para construcción	GERENTE DE INGENIERIA
Aprobación de proyecto	SUBGERENC. TECNICO DE PROYECTOS
	ING. JOSE LUIS DOMINGUEZ CARRERA
	ARQ. FRANCISCO LARA CARRERA

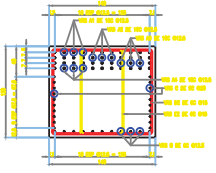
CALCULO, DISEÑO, PROYECTO	FECHA	ESCALA Y ESTILO	LAMINA
CONSTRUCTORA MOVIDA SA DE CV	DIC/2008	CIVIL IND.	57 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOVIDA SA DE CV			API-12-1700-2021-E57







SECCION A–A



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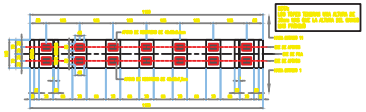
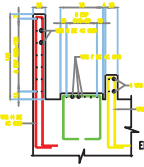
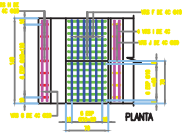


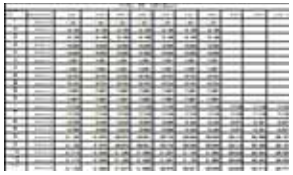


ELEVACION



PLANTA

DETALLES DEL REFUERZO EN BANCOS, TOPES Y OREJAS



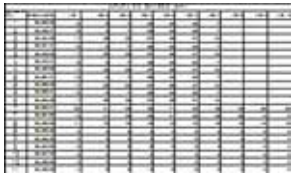


TABLA DE VARILLAS (CABEZAL)

Nombre	A1	A2	A3	A4	B	C	D1	E1	D2	E2
Cantidad	102	102	102	102	62	62	62	62	62	62
Numero	11	11	11	11	11	22	22	22	22	22
Long. Tot.	1370	1200	1200	1200	1200	680	400	400	0=200 m=300	0=200 m=300
Croquis										
a	1140	1120	1120	1110	880	660	380	380	0=320 m=80	0=320 m=80
b	60	60	60	60	20	—	120	60	120	60
Peso	829	660	660	660	397	269	250	497	707	497

Nombre	F	G	H	I	J
Cantidad	62	62	62	62	62
Numero	165	33	14	8	16
Long. Tot.	800	1200	1000	1200	304
Croquis					
a	60	1200	2000	1200	1200
b	70	—	14	—	16
Peso	4000	37	69	11	44

CANTIDADES PARA PILA		
Concreto f'c = 350kg/cm2 en Cabezal	32.34	m3
Acero de refuerzo LE>4,200kg/cm2 en Cabezal	6,407	kg
Concreto f'c = 300kg/cm2 en Bancos y Topes	2.73	m3
Acero de refuerzo LE>4,200kg/cm2 en Bancos y Topes	617	kg

NOTAS:
- NIVELES EN METROS
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=350kg/cm2 en ZAPATA
- CONCRETO f'c=300kg/cm2 en COLUMNA
- CONCRETO f'c=300kg/cm2 en CABEZAL Y BANCOS
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

PROYECTISTA EXTERNO

CONSTRUCTORA NOVEDA SA DE CV

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS

CIRCUITO JT

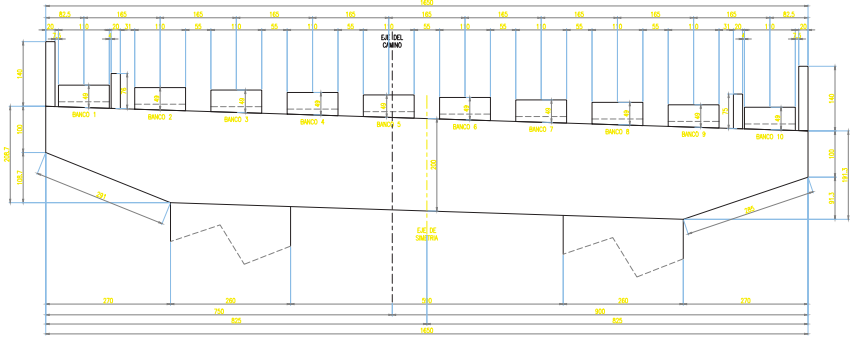
EJE 90

CABEZAL DE PILAS 2, 3, 4, 5 y 6

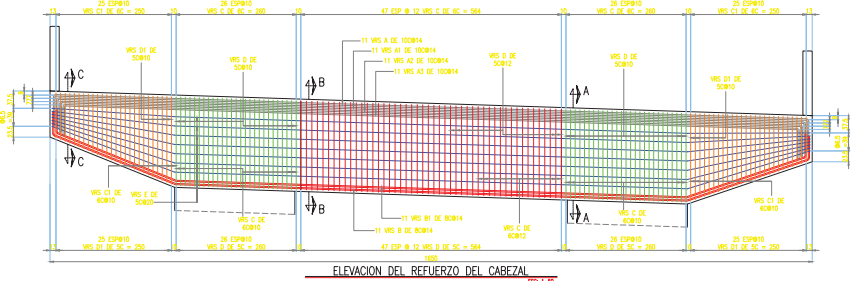
EJE 90

No.	Revisión	Diseño	Dibujo	Revisó	Fecha
0	EMISIÓN				

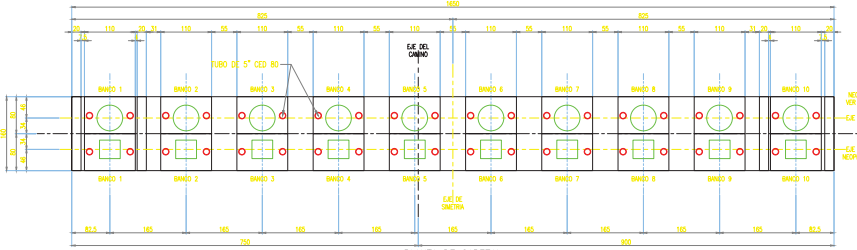
ESCALA	1:50
DIBUJO	CHECK
REVISÓ	JEFE DE TRAMO
CLAVE	APT-C-ZAS-4201-JDC



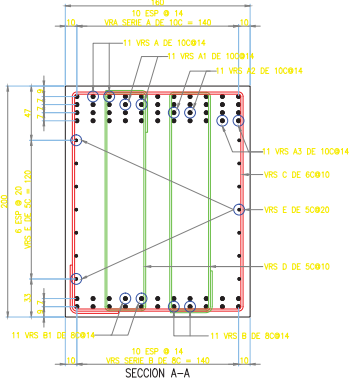
ELEVACION DE CABEZAL
ESC 1-50



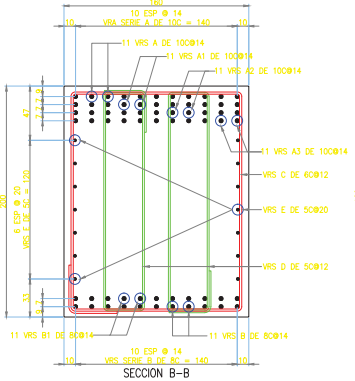
ELEVACION DEL REFUERZO DEL CABEZAL
ESC 1-50



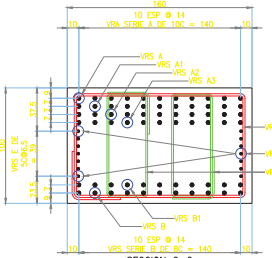
PLANTA DE CABEZAL
ESC 1-50



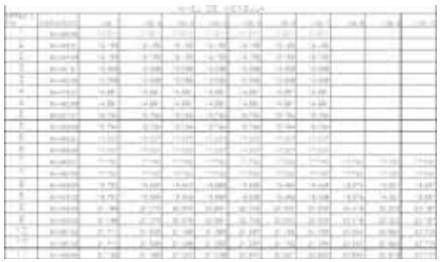
SECCION A-A
DE REFUERZO DE CABEZAL
ESC 1-20

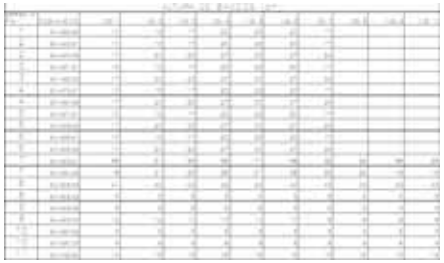


SECCION B-B
DE REFUERZO DE CABEZAL
ESC 1-20



SECCION C-C
DE REFUERZO DE CABEZAL
ESC 1-20

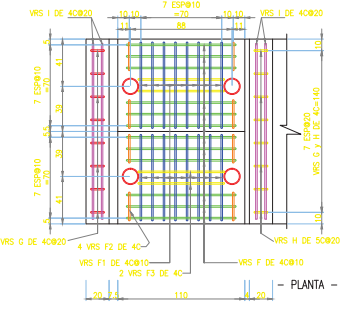


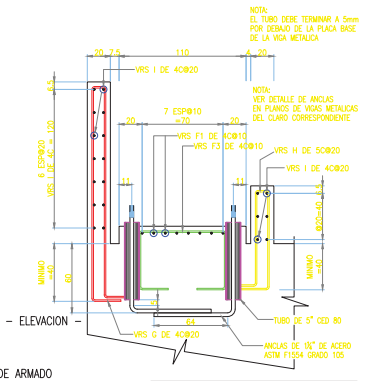


DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	8	16	50	4
4C	12	25	86	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas





DETALLES DE ARMADO
DE BANCOS TOPES Y OREJAS
ESC 1-20

TABLA DE CANTIDADES POR CABEZAL

Concreto f'c = 400kg/cm2 en Cabezal	48.48	m3
Acero de refuerzo LE>4,200kg/cm2 en Cabazal	11,456	kg
Concreto f'c = 400kg/cm2 en Bancos y Topes	7.14	m3
Acero de refuerzo LE>4,200kg/cm2 en Ban. y Top.	1,563	kg

TABLA DE VARILLAS (CABEZAL)

Nombre	A	A1	A2	A3	B	B1	C	C1	D	D1	E	F	F1	F2	F3	G	H	I
Diametro	10C	10C	10C	10C	8C	8C	6C	6C	5C	5C	5C	4C	4C	4C	4C	4C	5C	4C
Numero	11	11	11	11	11	11	102	2 JGO DE 26	204	4 JGO DE 26	14	120	160	80	40	16	16	44
Long. Tot.	1770	1760	1750	1740	1774	1758	760	M=754 m=570	518	M=512 m=328	M=1675 m=1645	362	342	294	344	424	316	152
Croquis																		
a	1642	1632	1622	1612	1109	1106	192	M=189 m=97	192	M=189 m=97	1111	92	72	24	74	180	120	152
b	64	64	64	48	48	152	152	36	36	M=282 m=267	110	110	110	110	110	14	14	---
Peso	1212	1205	1198	1191	776	769	1744	667	1649	682	363	433	545	234	137	68	79	67

NOTAS:
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=400kg/cm2 en Cabezal
- CONCRETO f'c=400kg/cm2 en Bancos y Topes
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE CALIBO				ELABORO	15/06/08
0	EMITIDO				ELABORO	15/06/08

aprobación para construcción: GERENTE DE INGENIERIA

aprobación de proyecto: SUBGERENTE TECNICO DE PROYECTOS

ING. JOSE LUIS DOMINGUEZ CANTON

ARQ. FRANCISCO LIAÑO CARRERA

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

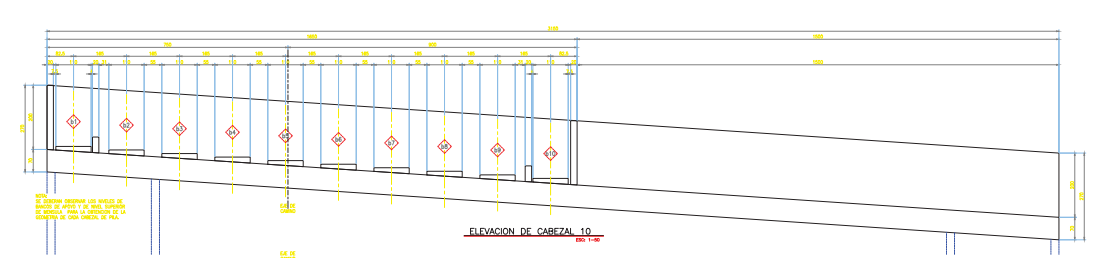
SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

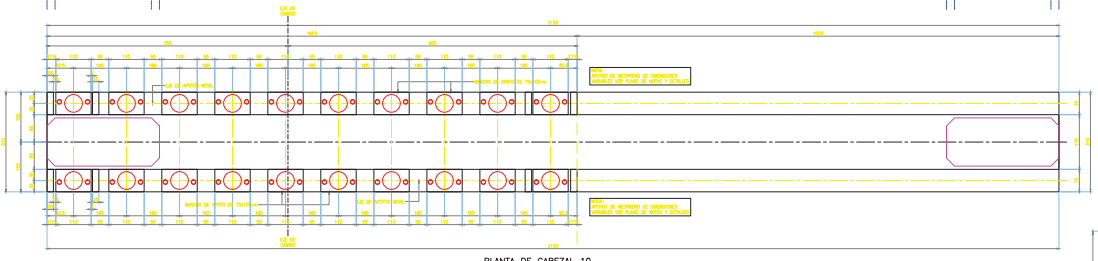
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

PLANO DE CABEZAL PILA 8
EJE 90

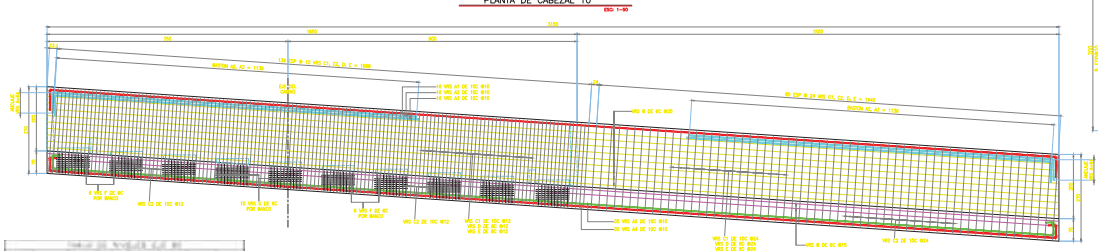
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS, IND.	62 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-0001-E62	



ELEVACION DE CABEZAL 10
ESC 1-100



PLANTA DE CABEZAL 10
ESC 1-100



ELEVACION DEL REFUERZO
ESC 1-100

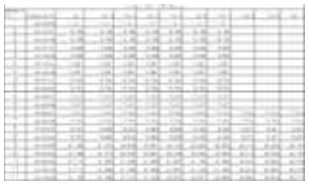
TABLA DE VARILLAS PARA 1 CABEZAL PILA 10

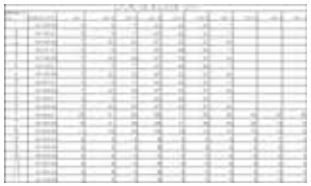
Nombre	A1	A2	A3	A4	A5	B
Diámetro	10C	10C	10C	10C	10C	6C
Numero	16	32	16	30	30	30
Long. Tot.	3270	1200	1200	3272	3262	3142
Croquis						
a	3142	1138	1138	3142	3132	3142
b	64	64	64	32	64	---
Peso	3257	2380	1195	6110	6092	2121

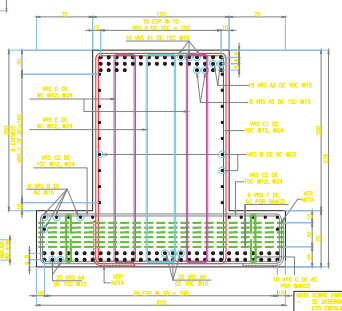
Nombre	C1	C2	D	E	F	G
Diámetro	10C	10C	6C	6C	6C	6C
Numero	201	201	402	201	40	200
Long. Tot.	976	856	646	668	876	110
Croquis						
a	162	592	25	35	100	62
b	262	62	262	262	302	34
Peso	12212	10711	5843	3012	1183	495

Nombre	H1	H2	H3	I1	I2	J
Diámetro	4C	4C	4C	4C	4C	4C
Numero	160	40	40	100	100	16
Long. Tot.	182	134	144	212	192	562
Croquis						
a	62	14	24	92	72	250
b	60	60	60	60	60	12
Peso	295	52	57	211	191	93

Nombre	K	L	M
Diámetro	4C	5C	4C
Numero	80	16	16
Long. Tot.	62	210	62
Croquis			
a	62	68	62
b	---	12	---
Peso	49	52	16

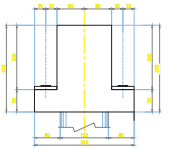




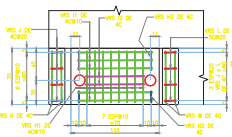


SECCION DEL REFUERZO DE CABEZAL
ESC 1-50

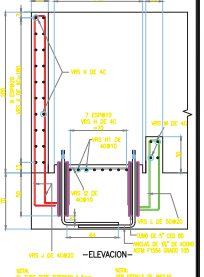
NOTA SOBRE ESTRIBOS:
- SE DEBERAN ALTERNAR LOS ESTRIBOS DE LA VARILLA "A" EN LAS 4 ESQUINAS.
- LOS EMPALMES DE LA VARILLA "C" VAN HACIA ABAJO, ALTERNADOS EN LOS 2 LADOS



SECCION DE CABEZAL
ESC 1-25



—PLANTA—



—ELEVACION—

DETALLES DE BANCOS Y TOPES
ESC 1-25

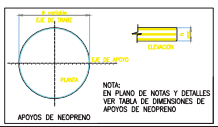
TABLA DE CANTIDADES POR CABEZAL

Concreto f'c = 400kg/cm2 en CABEZAL	175.80 m3
Acero de refuerzo LE>4,200kg/cm2 en CABEZAL	54,621 kg
Concreto f'c = 400kg/cm2 en BANCOS, TOPES Y OREJAS	3.44 m3
Acero de refuerzo LE>4,200kg/cm2 en BANCOS,TOPES,OREJAS	1,002 kg

DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	9	16	50	4
4C	12	25	68	6
5C	14	31	83	7
6C	16	38	100	8
8C	22	49	135	11
10C	32	64	205	16

En ningun caso se permitira empalmar en una misma sección, mas del 50% de las varillas



APOYOS DE NEOPRENO

NOTA:
EN PLANO DE NOTAS Y DETALLES VER TABLA DE DIMENSIONES DE APOYOS DE NEOPRENO

NOTAS:
- NIVELES EN METROS
- ACOTACIONES EN CENTIMETROS.
- CONCRETO f'c=400kg/cm2 en CABEZAL
- CONCRETO f'c=400kg/cm2 en BANCOS, TOPES y OREJAS
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

No.	Revisión	Cons'd.	Aprobó	Revisó	Dibujó	Fecha

PROYECTO EJECUTIVO AUTORIZADO

PROYECTISTA EXTERIORO
CONSTRUCTORA MOVEDA SA DE CV
ING. ARTURO MOVEDA MORALES
CEDULA PROFESIONAL 2149078

SCT

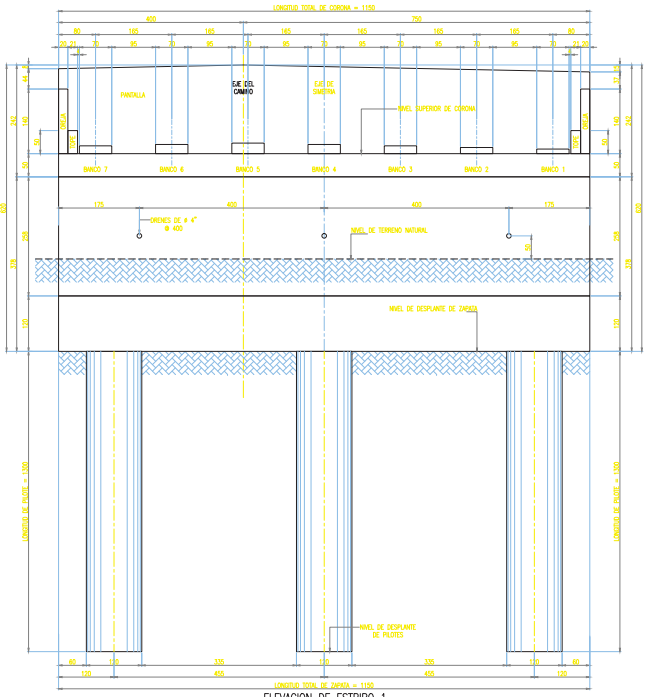
PUERTO DE VERACRUZ
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO J7 EJE 90
CABEZAL DE PILA 10
EJE 90

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS ZORRILLA CHATEN

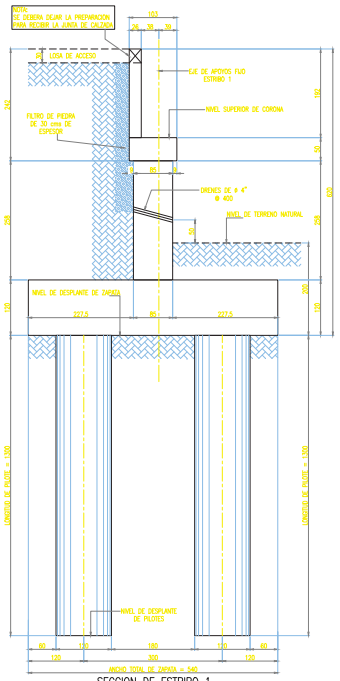
aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LARIO CARRERA

CALCULO, LEVANTO, PROYECTO: CONSTRUCTORA MOVEDA SA DE CV
FECHA: DIC/2006
ESCALA Y UNIDAD: CM/EL 1/1=2...
LAMINA: 04 DE 70
REVISO
DIBUJO
CLAVE: API-GI-JT90-0001-E04

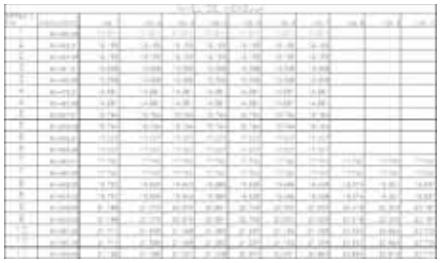
CONSTRUCTORA MOVEDA SA DE CV

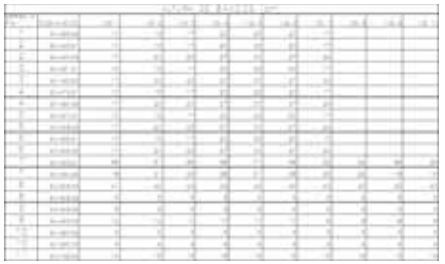


ELEVACION DE ESTRIBO 1
ESC 1-50



SECCION DE ESTRIBO 1
ESC 1-50

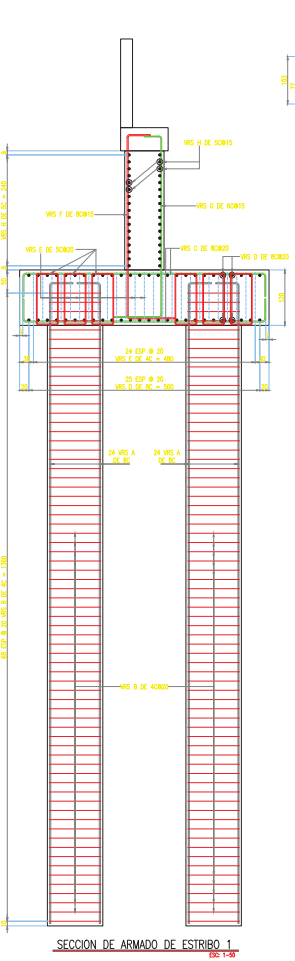




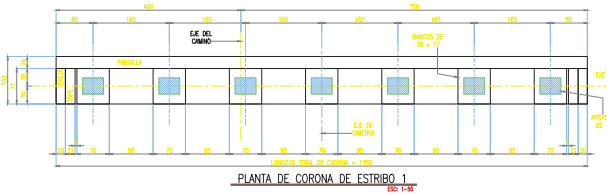
NOTAS:
- ACOTACIONES EN CENTRIMETROS.
- CONCRETO f'c=250kg/cm2 en Pilotes y Zapata
- CONCRETO f'c=250kg/cm2 en Cuerpo
- CONCRETO f'c=250kg/cm2 en Corona y Pantalla
- CONCRETO f'c=250kg/cm2 en Bancos y Topes
- ACERO DE REFUERZO L.E. =4,200kg/cm2.

TABLA DE VARILLAS PARA ESTRIBO 1

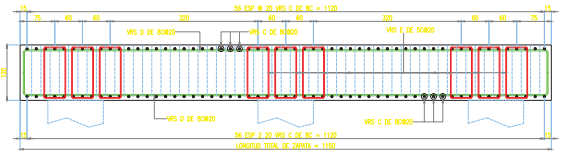
Nombre	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Diametro	8C	4C	8C	8C	5C	8C	6C	4C	5C	4C	4C	4C	4C	4C	4C	4C	4C
Numero	144	414	114	52	561	76	76	34	12	58	58	20	49	49	8	8	40
Long. Tot.	1436	396	626	1236	382	547	535	1142	1204	324	M=528 m=498	1142	223	216	416	236	69
Croquis																	
a	1388	110	530	1140	112	399	399	1142	1142	95	M=230 m=215	1142	69	62	176	86	69
b	48	--	48	48	48	100	100	--	31	42	18	--	52	52	14	14	--
Peso	8220	1633	2837	2555	3343	1653	915	387	225	187	296	228	109	105	33	19	28



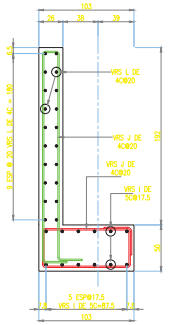
SECCION DE ARMADO DE ESTRIBO 1
ESC 1-50



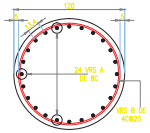
PLANTA DE CORONA DE ESTRIBO 1
ESC 1-50



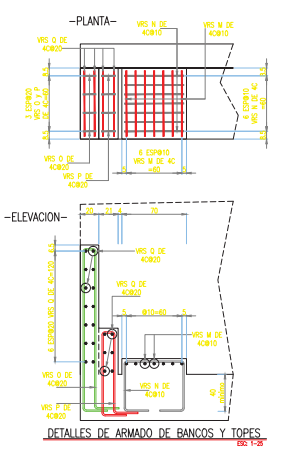
ARMADO LONGITUDINAL DE ZAPATA
ESC 1-50



SECCION DE ARMADO DE CORONA Y PANTALLA
ESC 1-25



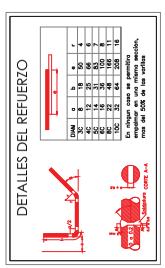
SECCION DE ARMADO DE PILOTES
ESC 1-25

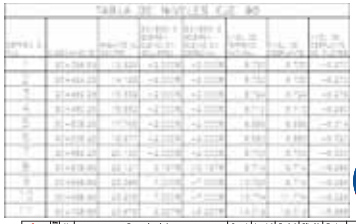


DETALLES DE ARMADO DE BANCOS Y TOPES
ESC 1-25

TABLA DE CANTIDADES PARA ESTRIBO

Perforacion para Pilotes	90.00	ml
Concreto f'c = 250kg/cm2 en Pilotes	88.22	m3
Acero de refuerzo LE>4,200kg/cm2 en Pilotes	9,853	kg
Concreto f'c = 100kg/cm2 en Plantilla	3.11	m3
Concreto f'c = 250kg/cm2 en Zapata	74.52	m3
Acero de refuerzo LE>4,200kg/cm2 en Zapata	8,735	kg
Concreto f'c = 250kg/cm2 en Cuerpo	25.22	m3
Acero de refuerzo LE>4,200kg/cm2 en Cuerpo	2,955	kg
Concreto f'c = 250kg/cm2 en Corona y Pantalla	11.48	m3
Acero de refuerzo LE>4,200kg/cm2 en Cor. y Pant.	936	kg
Concreto f'c = 250kg/cm2 en Bancos y Topes	1.21	m3
Acero de refuerzo LE>4,200kg/cm2 en Ban. y Top.	294	kg





No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					15/08/08
0	EMITIDO					15/05/08

APROBADO PARA CONSTRUCCION

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LAÑO CARRERA

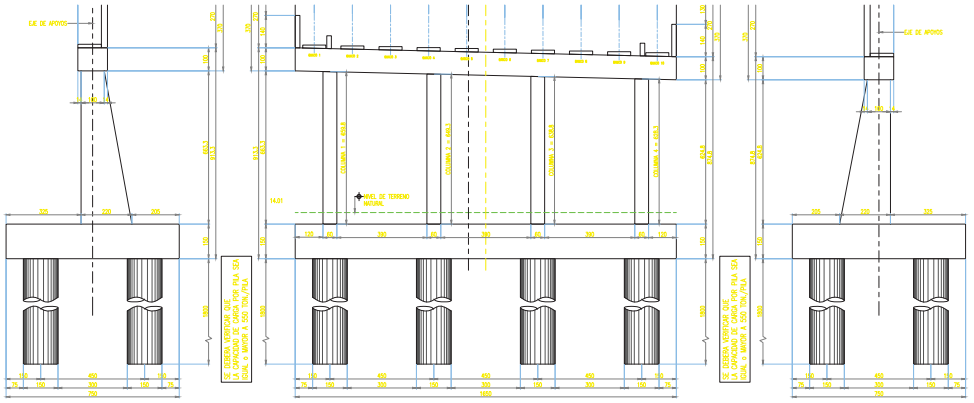
PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2140479

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE ESTRIBO 1
EJE 90

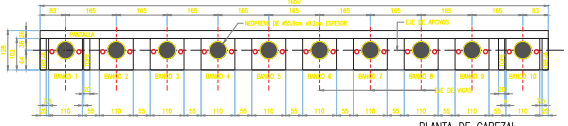
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	65 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT90-0001-E65	



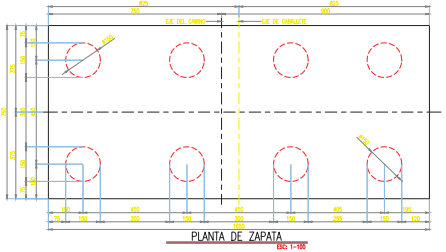
VISTA LATERAL DE CABALLETE
ESC 1-100

ELEVACION DE CABALLETE
ESC 1-100

VISTA LATERAL DE CABALLETE
ESC 1-100

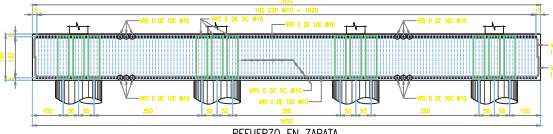


PLANTA DE CABEZAL
ESC 1-75

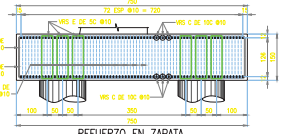


PLANTA DE ZAPATA
ESC 1-100

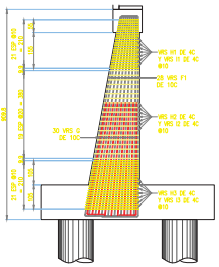
TABLA DE CANTIDADES PARA CABALLETE		
Pertenencia por Pilotes	160	ml
Concreto f'c = 250kg/cm2 en Pilotes	254.47	m3
Acero de refuerzo f2=4,200kg/cm2 en Pilotes	31,483	kg
Concreto f'c = 250kg/cm2 en Zapata	185.63	m3
Concreto f'c = 250kg/cm2 en Zapata	185.63	m3
Acero de refuerzo f2=4,200kg/cm2 en Zapata	46,035	kg
Concreto f'c = 300kg/cm2 en Columnas	24.74	m3
Acero de refuerzo f2=4,200kg/cm2 en Columnas	14,457	kg
Concreto f'c = 300kg/cm2 en Cabezal y Pantalla	32.70	m3
Concreto f'c = 300kg/cm2 en Cab. y Pant.	6,798	kg
Acero de refuerzo f2=4,200kg/cm2 en Cab. y Pant.	2,46	m3
Concreto f'c = 300kg/cm2 en Bancos y Topes	2,46	m3
Acero de refuerzo f2=4,200kg/cm2 en Bancos y Topes	2,870	kg



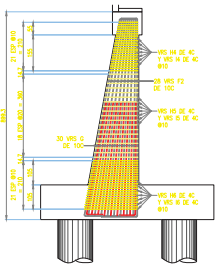
REFUERZO EN ZAPATA
ESC 1-75



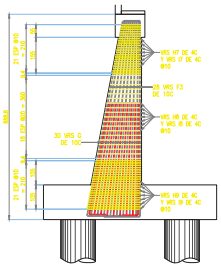
REFUERZO EN ZAPATA
ESC 1-75



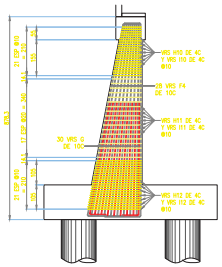
REFUERZO EN COLUMNA 1
ESC 1-100



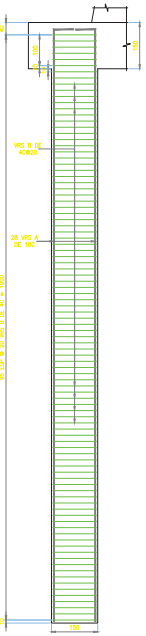
REFUERZO EN COLUMNA 2
ESC 1-100



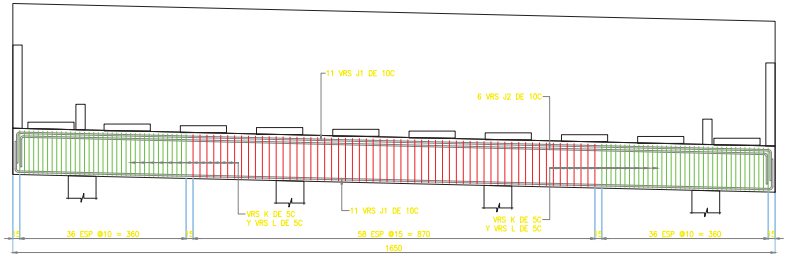
REFUERZO EN COLUMNA 3
ESC 1-100

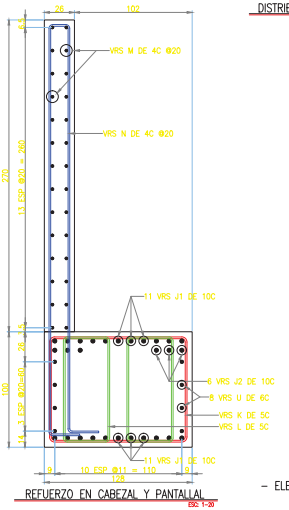


REFUERZO EN COLUMNA 4
ESC 1-100



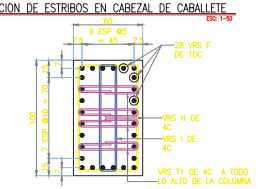
ELEVACION DEL REFUERZO DE PILOTES
ESC 1-75



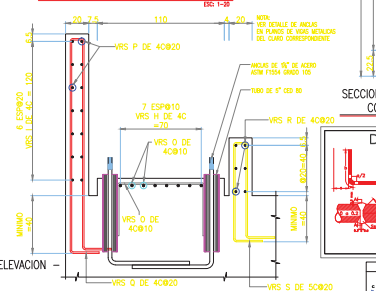


REFUERZO EN CABEZAL Y PANTALLA
ESC 1-20

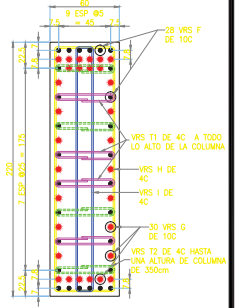
DISTRIBUCION DE ESTRIBOS EN CABEZAL DE CABALLETE
ESC 1-50



SECCION DE REFUERZO EN COLUMNA
CORTE EN PARTE SUPERIOR
ESC 1-20



REFUERZO EN BANCOS, OREJAS Y TOPES
ESC 1-20



SECCION DE REFUERZO EN COLUMNA
CORTE EN PARTE INFERIOR
ESC 1-20

DETALLES DEL REFUERZO

DIAM	a	b	e	r
3C	9	16	50	4
4C	12	25	66	6
5C	14	31	83	7
6C	16	36	100	8
8C	22	48	166	11
10C	32	64	208	16

En ningun caso se permitira empalmar en una misma seccion, mas del 50% de las varillas

TABLA DE VARILLAS																								
Nombre	A	B	C	D	E	F1	F2	F3	F4	G	H1	I1	H2	I2	H3	I3	H4	I4	H5	I5	H6	I6
Diametro	10C	4C	10C	10C	5C	10C	10C	10C	10C	10C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C
Numero	224	768	146	326	1854	28	28	28	28	120	1 JGO DE 22	1 JGO DE 22	1 JGO DE 20	1 JGO DE 20	1 JGO DE 22	1 JGO DE 22	1 JGO DE 22	1 JGO DE 22	1 JGO DE 19	1 JGO DE 19	1 JGO DE 22	1 JGO DE 22
Long. Tot.	1989	490	1770	880	418	1080	1070	1060	1050	554	M=394 m=318	M=318 m=342	M=536 m=398	M=460 m=322	M=616 m=540	M=540 m=460	M=394 m=318	M=318 m=242	M=534 m=402	M=458 m=324	M=616 m=538	M=540 m=462
Croquis																						
a	1925	140	1642	752	36	866	856	846	836	490	52	14	52	14	52	14	52	14	52	14	52	14
b	64	---	64	64	142	150	150	150	150	64	M=120 m=82	M=120 m=82	M=191 m=122	M=191 m=122	M=231 m=183	M=231 m=183	M=120 m=82	M=120 m=82	M=190 m=122	M=190 m=122	M=231 m=183	M=231 m=183
Peso	27735	3748	16087	17858	12090	1882	1865	1848	1830	4138	78	61	93	78	127	110	78	61	88	74	126	110

TABLA DE VARILLAS																								
Nombre	H7	I7	H8	I8	H9	I9	H10	I10	H11	I11	H12	I12	J1	J2	K	L	M	N	O	P	Q	R	S	T1	T2	R
Diametro	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	4C	10C	10C	5C	5C	4C	4C	4C	4C	4C	4C	5C	4C	4C	6C
Numero	1 JGO DE 22	1 JGO DE 22	1 JGO DE 19	1 JGO DE 19	1 JGO DE 22	1 JGO DE 22	1 JGO DE 22	1 JGO DE 22	1 JGO DE 18	1 JGO DE 18	1 JGO DE 22	1 JGO DE 22	22	6	133	266	26	83	200	28	10	12	10	1008	560	8
Long. Tot.	M=396 m=316	M=320 m=240	M=534 m=402	M=458 m=324	M=616 m=538	M=540 m=462	M=396 m=316	M=320 m=240	M=532 m=402	M=458 m=324	M=616 m=538	M=542 m=462	1770	1760	486	324	1642	779	342	94	442	94	254	122	122	1642
Croquis																										

NOTA:
EL TUBO DEBE TERMINAR A 5mm POR DEBAJO DE LA PLACA BASE DE LA VIGA METALICA

PARA CONSTRUCCION	No.	Revision	Coord.	Aprobó	Revisó	Dibujó	Fecha	aprobación para construcción	aprobación de proyecto
								GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS

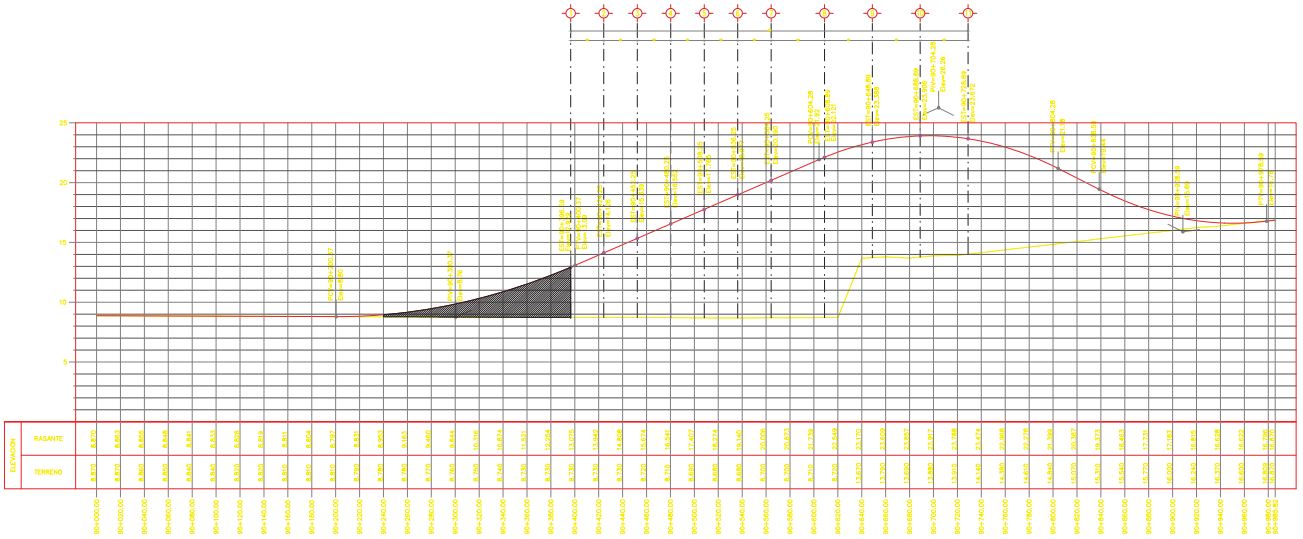
CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA		CMS.	

PROYECTISTA EXTERNO
CONSTRUCTORA MOYEDA SA DE CV
ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

SCT
SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

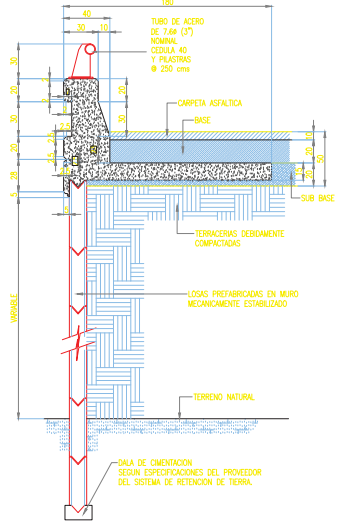
PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90
PLANO DE CABALLETE 11
EJE 90

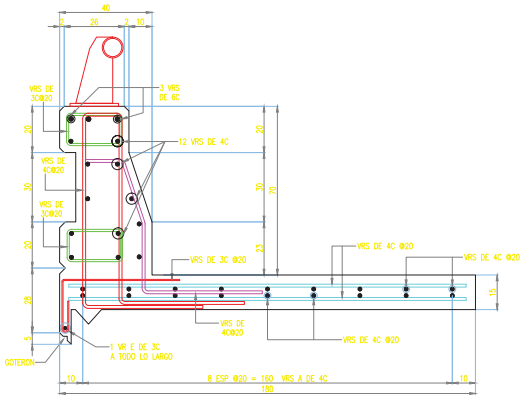


PERFIL GEOMETRICO EJE 90

ESCALA HORIZONTAL 1 : 2000
ESCALA VERTICAL 1 : 200



DETALLE TIPICO DE MUROS



REFUERZO EN GUARNICION

NOTAS :

1.- ACOTACIONES EN CENTIMETROS.
2.- NIVELES EN METROS.
3.- EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO.
4.- CONCRETO f'c=250 kg/cm EN LOSA.
5.- CONCRETO f'c= 250kg/cm EN GUARNICION.
6.- EMPLEAR REVENIMIENTO EN LOSAS = 10 cm.
7.- SE DEBERA DEJAR ANCLADO EL ACERO DE REFUERZO DE GUARNICION.
8.- SE DEBERAN REALIZAR LAS PREPARACIONES NECESARIAS PARA RECIBIR LA JUNTA DE CALZADA.
9.- EMPLEAR ACERO DE REFUERZO CON fy = 4,200 Kg/cm.
10.- ES RESPONSABILIDAD DEL CONTRATISTA VERIFICAR LA ESTABILIDAD DE LAS PAREDES DE LA EXCAVACION.
11.- BASE Y SUB-BASE DE ACUERDO A LAS ESPECIFICACIONES DE CALIDAD DE LA S.C.T.
12.- EL CONTRATISTA DEBERA REVISAR LA CAPACIDAD DE CARGA REQUERIDA POR EL PROVEEDOR DEL SISTEMA DE MUROS MECANICAMENTE ESTABILIZADOS, PARA EL DESPLANTE DE TERRAPLENES.
13.- EL CONTRATISTA DEBERA REALIZAR PRUEBAS DE CAPACIDAD DE CARGA, QUE COMPRUEBEN SE CUMPLA CON EL MINIMO REQUERIDO POR EL PROVEEDOR.
14.- EN EL SUPUESTO DE QUE LA CAPACIDAD DE CARGA NO SEA LA ADECUADA, SE DEBERA MEJORAR EL TERRENO EN EL QUE SE DESPLANTARA LA ESTRUCTURA, HASTA QUE EL LABORATORIO OBTENGA LA CAPACIDAD DE CARGA REQUERIDA.
15.- POR NINGUN MOTIVO SE PODRA DESPLANTAR EL TERRAPLEN Y/O COLAR LA DALA DE DESPLANTE SIN PRESENTAR LAS PRUEBAS REALIZADAS A LA SUPERVISION.

TABLA DE CANTIDADES EN GUARNICION Y LOSA x ML	
CONCRETO 250kg/cm2	0.51 m3
ACERO DE REFUERZO	86 KG
CIMBRA	2.10 m2

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2140478

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

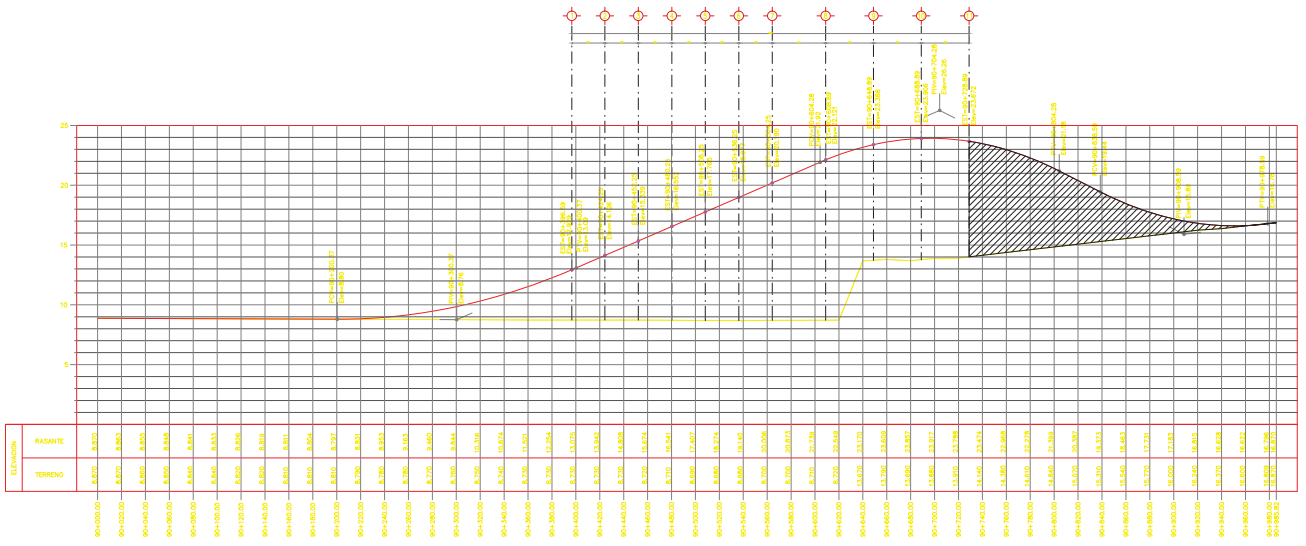
ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

RAMPA DE ACCESO NORTE
EJE 90

APROBADO PARA CONSTRUCCION	No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
	3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO				RAMIRO	15/06/09
	0	EMITIDO				RAMIRO	15/06/09

aprobación para construcción	aprobación de proyecto
GERENTE DE INGENIERIA	SUBGERENTE TECNICO DE PROYECTOS
ING. JOSE LUIS DOMINGUEZ CANTON	ARQ. FRANCISCO LIAÑO CARRERA

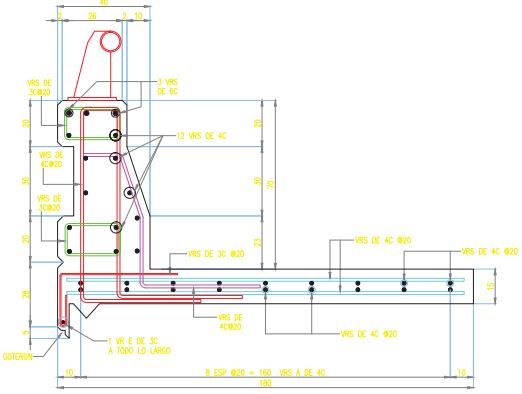
CALCULO, LEVANTO, PROYECTO	FECHA	ESCALA Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	67 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT90-0C01-E67	



PERFIL GEOMETRICO EJE 90

ESCALA HORIZONTAL 1 : 2000
ESCALA VERTICAL 1 : 200

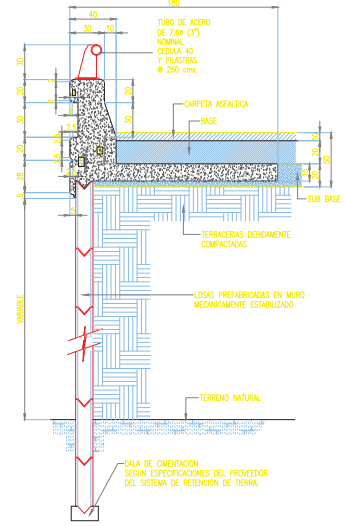
TABLA DE CANTIDADES EN GUARNICION Y LOSA x ML	
CONCRETO 250kg/cm2	0.51 m3
ACERO DE REFUERZO	86 KG
CIMBRA	2.10 m2



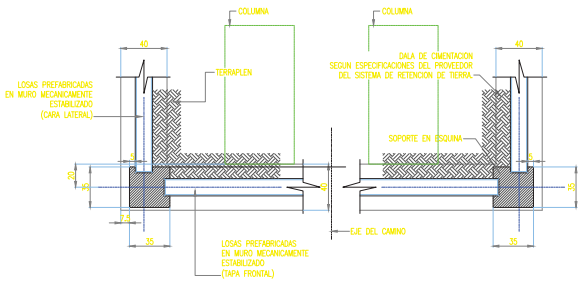
REFUERZO EN GUARNICION

NOTAS :

1.- ACOTACIONES EN CENTIMETROS.
2.- NIVELES EN METROS.
3.- EL CONTRATISTA DE LA OBRA DEBERA VERIFICAR MEDIDAS EN CAMPO.
4.- CONCRETO f'c=250 kg/cm EN LOSA.
5.- CONCRETO f'c= 250kg/cm EN GUARNICION.
6.- EMPLEAR REVENIMIENTO EN LOSAS = 10 cm.
7.- SE DEBERA DEJAR ANCLADO EL ACERO DE REFUERZO DE GUARNICIÓN.
8.- SE DEBERAN REALIZAR LAS PREPARACIONES NECESARIAS PARA RECIBIR LA JUNTA DE CALZADA.
9.- EMPLEAR ACERO DE REFUERZO CON fy = 4,200 Kg/cm.
10.- ES RESPONSABILIDAD DEL CONTRATISTA VERIFICAR LA ESTABILIDAD DE LAS PAREDES DE LA EXCAVACION.
11.- BASE Y SUB-BASE DE ACUERDO A LAS ESPECIFICACIONES DE CALIDAD DE LA S.C.T.
12.- EL CONTRATISTA DEBERA REVISAR LA CAPACIDAD DE CARGA REQUERIDA POR EL PROVEEDOR DEL SISTEMA DE MUROS MECANICAMENTE ESTABILIZADOS, PARA EL DESPLANTE DE TERRAPLENES.
13.- EL CONTRATISTA DEBERA REALIZAR PRUEBAS DE CAPACIDAD DE CARGA, QUE COMPRUEBEN SE CUMPLA CON EL MINIMO REQUERIDO POR EL PROVEEDOR.
14.- EN EL SUPUESTO DE QUE LA CAPACIDAD DE CARGA NO SEA LA ADECUADA, SE DEBERA MEJORAR EL TERRENO EN EL QUE SE DESPLANTARA LA ESTRUCTURA, HASTA QUE EL LABORATORIO OBTENGA LA CAPACIDAD DE CARGA REQUERIDA.
15.- POR NINGUN MOTIVO SE PODRA DESPLANTAR EL TERRAPLEN Y/O COLAR LA DALA DE DESPLANTE SIN PRESENTAR LAS PRUEBAS REALIZADAS A LA SUPERVISION.



DETALLE TIPICO DE MUROS



DETALLE EN PLANTA DE MUROS

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2140478

SCT
SECRETARIA DE COMUNICACIONES Y TRANSPORTES

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT **EJE 90**

RAMPA DE ACCESO SUR
EJE 90

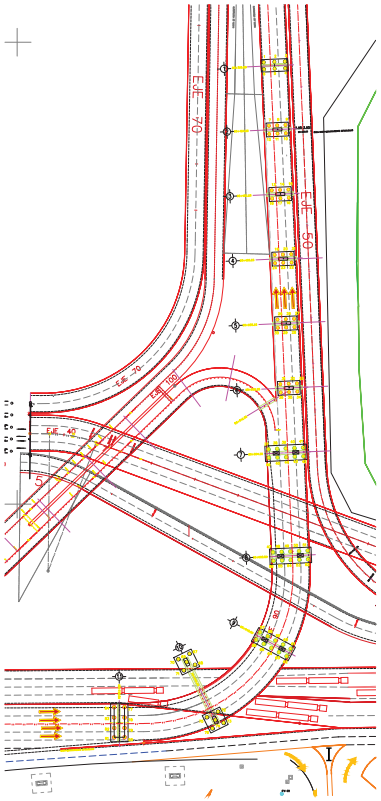
APROBADO PARA CONSTRUCCION

No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO				RAMIRO	15/DIC/08
0	EMITIDO					15/DIC/08

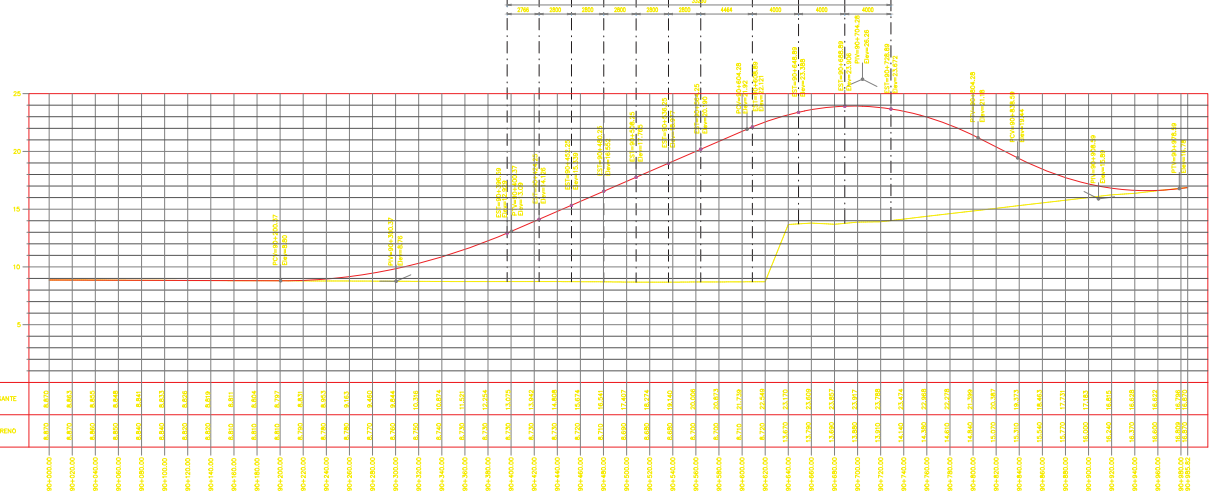
aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS. IND.	68 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-01-JT90-0C01-E68	



PLANTA GENERAL DE PROYECTO



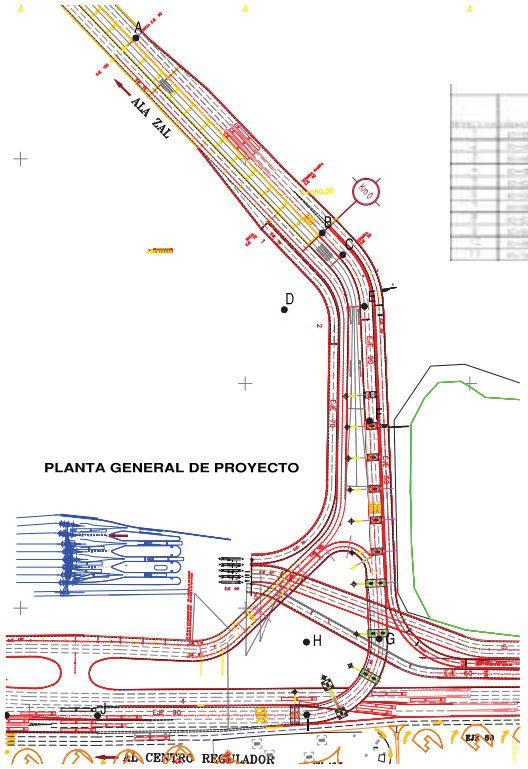
PERFIL GEOMETRICO EJE 90

ESCALA HORIZONTAL 1 : 2000
ESCALA VERTICAL 1 : 200

TRAZO DE PILOTES

LADO EST	LADO PV	RUMBO	DISTANCIA	V	COORDENADAS Y	COORDENADAS X
1	1			1	2,126,041.2207	796,305.7788
1	2	N 87°27'34.37" E	4.550	2	2,126,041.4358	796,311.3342
2	3	N 87°27'34.37" E	4.550	3	2,126,041.6940	796,316.8895
3	4	S 02°32'25.63" E	4.550	4	2,126,035.5870	796,316.5055
4	5	S 87°27'34.37" W	4.550	5	2,126,035.4955	796,311.4974
5	6	S 87°27'34.37" W	4.550	6	2,126,035.3838	796,306.8618
6	7	S 00°45'55.37" E	24.500	7	2,126,011.9957	796,306.9417
7	8	N 87°27'34.37" E	3.650	8	2,126,012.2204	796,313.3441
8	9	N 87°27'34.37" E	3.650	9	2,126,012.4451	796,319.7465
9	10	S 02°32'25.63" E	3.650	10	2,126,005.9337	796,316.3093
10	11	S 87°27'34.37" W	3.650	11	2,126,005.5439	796,312.7233
11	12	S 87°27'34.37" W	3.650	12	2,126,005.3442	796,309.0774
12	13	S 02°32'25.63" E	24.400	13	2,125,981.8982	796,309.1992
13	14	N 87°27'34.37" E	3.650	14	2,125,982.3480	796,315.7966
14	15	N 87°27'34.37" E	3.650	15	2,126,006.2077	796,317.8909
15	16	S 02°32'25.63" E	3.650	16	2,126,032.8113	796,317.0435
16	17	S 87°27'34.37" W	3.650	17	2,126,032.4919	796,313.3443
17	18	S 87°27'34.37" W	3.650	18	2,126,032.2918	796,313.3448
18	19	S 02°32'25.63" E	24.400	19	2,126,007.8758	796,313.4281
19	20	N 87°27'34.37" E	3.650	20	2,126,008.3759	796,319.0297
20	21	N 87°27'34.37" E	3.650	21	2,126,008.2364	796,316.2263
21	22	S 02°32'25.63" E	3.650	22	2,126,004.4784	796,316.7853
22	23	S 87°27'34.37" W	3.650	23	2,126,004.4760	796,313.1966
23	24	S 87°27'34.37" W	3.650	24	2,126,004.3744	796,311.8922
24	25	N 00°38'59.37" E	24.400	25	2,126,028.8434	796,312.8787
25	26	N 87°27'34.37" E	3.650	26	2,126,483.1129	796,324.2710
26	27	N 87°27'34.37" E	3.650	27	2,126,483.2658	796,327.9748
27	28	S 02°32'25.63" E	3.650	28	2,126,476.6664	796,328.0373
28	29	S 87°27'34.37" W	3.650	29	2,126,476.8382	796,316.4312
29	30	S 87°27'34.37" W	3.650	30	2,126,476.3469	796,312.8346
30	31	S 02°32'25.63" E	24.400	31	2,126,451.9710	796,313.6715
31	32	N 87°27'34.37" E	3.650	32	2,126,452.1737	796,317.3736
32	33	N 87°27'34.37" E	3.650	33	2,126,452.3955	796,321.1104
33	34	S 02°32'25.63" E	3.650	34	2,126,445.8342	796,321.2751
34	35	S 87°27'34.37" W	3.650	35	2,126,445.5342	796,317.6737
35	36	S 87°27'34.37" W	3.650	36	2,126,445.3746	796,313.9779
36	37	S 12°13'25.37" W	20.153	37	2,126,425.7366	796,309.7838
37	38	N 87°27'34.37" E	3.750	38	2,126,425.9959	796,313.6092
38	39	N 87°27'34.37" E	3.750	39	2,126,426.1733	796,316.3333
39	40	N 87°27'34.37" E	3.750	40	2,126,426.2997	796,320.0193
40	41	N 87°27'34.37" E	3.750	41	2,126,426.4552	796,323.7496
41	42	S 87°27'34.37" E	3.750	42	2,126,420.7085	796,323.6145
42	43	S 87°27'34.37" W	3.750	43	2,126,420.5424	796,319.8883
43	44	S 87°27'34.37" W	3.750	44	2,126,420.3760	796,316.4219
44	45	S 87°27'34.37" W	3.750	45	2,126,420.2098	796,312.8758
45	46	S 87°27'34.37" W	3.750	46	2,126,420.0432	796,309.0932
46	47	S 02°32'25.63" E	10.886	47	2,126,410.1978	796,312.2787
47	48	N 87°27'34.37" E	3.750	48	2,126,378.3940	796,316.4883
48	49	N 87°27'34.37" E	3.750	49	2,126,378.5324	796,316.2333
49	50	N 87°27'34.37" E	3.750	50	2,126,378.6999	796,323.7496
50	51	N 87°27'34.37" E	3.750	51	2,126,378.8632	796,327.7748
51	52	S 02°32'25.63" E	3.750	52	2,126,376.1748	796,327.6811
52	53	S 87°27'34.37" W	3.750	53	2,126,375.9904	796,323.4493
53	54	S 87°27'34.37" W	3.750	54	2,126,375.7840	796,319.3987
54	55	S 87°27'34.37" W	3.750	55	2,126,375.6179	796,315.4209
55	56	S 87°27'34.37" W	3.750	56	2,126,375.4912	796,310.9081
56	57	S 12°24'25.37" E	21.456	57	2,126,354.5898	796,306.8837
57	58	S 87°35'11.04" E	3.750	58	2,126,345.3863	796,306.4889
58	59	S 87°35'11.04" E	3.750	59	2,126,341.0030	796,311.7270
59	60	S 87°35'11.04" E	3.750	60	2,126,336.6197	796,316.9652
60	61	S 87°35'11.04" E	3.750	61	2,126,332.4364	796,322.3940
61	62	S 28°37'43.28" W	3.750	62	2,126,324.1370	796,316.6053
62	63	N 87°35'11.04" W	3.750	63	2,126,328.5203	796,311.3672
63	64	N 87°35'11.04" W	3.750	64	2,126,332.7042	796,316.0336
64	65	N 87°35'11.04" W	3.750	65	2,126,336.8879	796,320.7000
65	66	N 87°35'11.04" W	3.750	66	2,126,341.2708	796,325.9380
66	67	S 78°12'23.63" W	24.436	67	2,126,326.2628	796,274.5882
67	68	S 28°41'16.24" E	3.400	68	2,126,326.4191	796,277.9282
68	69	N 71°41'13.24" E	3.818	69	2,126,327.6472	796,273.3910
69	70	N 71°41'13.24" E	3.818	70	2,126,328.4753	796,269.7539
70	71	S 28°41'16.24" E	5.400	71	2,126,332.5359	796,272.1328
71	72	S 39°02'32.42" E	23.236	72	2,126,314.1478	796,286.8708
72	73	N 71°41'13.24" E	3.400	73	2,126,315.3342	796,289.9170
73	74	N 71°41'13.24" E	3.818	74	2,126,316.5324	796,293.7423
74	75	N 71°41'13.24" E	3.818	75	2,126,317.7305	796,297.5675
75	76	S 28°41'16.24" E	5.400	76	2,126,321.9169	796,294.8141
76	77	N 77°19'43.21" E	26.013	77	2,126,312.1342	796,245.4748
77	78	S 05°52'44.18" E	4.550	78	2,126,307.6248	796,246.4483
78	79	S 05°52'44.18" E	4.800	79	2,126,303.1250	796,247.4890
79	80	S 05°52'44.18" E	4.800	80	2,126,298.6252	796,248.5297
80	81	S 89°47'15.82" W	4.800	81	2,126,298.5093	796,243.6995
81	82	N 05°52'44.18" W	4.650	82	2,126,303.1153	796,242.8865
82	83	N 05°52'44.18" W	4.550	83	2,126,307.6093	796,241.9435
83	84	N 05°52'44.18" W	4.800	84	2,126,312.1092	796,240.8978

LONGITUD = 591.161 m



PLANTA GENERAL DE PROYECTO

TRAZO EJE 90

LADO EST	LADO PV	RUMBO	DISTANCIA	V	COORDENADAS Y	COORDENADAS X
				A	2,128,807.5713	796,102.6872
A	B	S 43°42'18.19" E	240.087	B	2,128,734.0110	796,268.5743
B	C	S 43°23'27.01" E	26.693	C	2,128,714.5551	796,286.8494
C	E	S 22°49'30.68" E CENTRO DE CURVA DELTA = 40°45'52.60" RADIO = 71.408	49.734 LONG. CURVA = 50.795 SUBTAN.= 26.527	E D	2,128,668.7159 2,128,685.6686	796,306.1421 796,234.7993
E	F	S 02°32'35.67" E	102.105	F	2,128,566.7115	796,310.6729
F	G	S 02°32'35.67" E	194.217	G	2,128,372.6863	796,318.2909
G	I	S 43°37'18.23" W CENTRO DE CURVA DELTA = 92°19'47.79" RADIO = 64.800	93.485 LONG. CURVA = 104.423 SUBTAN.= 67.490	I H	2,128,305.0112 2,128,369.8109	796,254.7059 796,254.5346
I	J	S 89°47'15.82" W	186.234	J	2,128,304.3213	796,068.5631
J	K	N 89°48'42.31" W	81.297	K	2,128,304.5884	795,987.2665

LONGITUD = 1,599.784 m

PROYECTISTA EXTERNO

CONSTRUCTORA MOYEDA SA DE CV

ING. ARTURO MOYEDA MORALES
cedula profesional 2145479

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

PLANO DE TRAZO
EJE 90

APROBADO PARA CONSTRUCCION

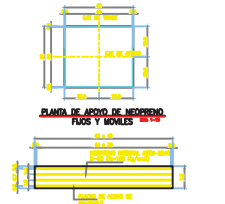
No.	Revisión	Coord.	Aprobó	Revisó	Dibujó	Fecha
3	REVISION DE NIVELES GENERALES POR MODIFICACION DE GALIBO					15/05/08
0	EMITIDO					15/02/08

aprobación para construcción
GERENTE DE INGENIERIA
ING. JOSE LUIS DOMINGUEZ CANTON

aprobación de proyecto
SUBGERENTE TECNICO DE PROYECTOS
ARQ. FRANCISCO LIAÑO CARRERA

CALCULO, LEVANTO, PROYECTO	FECHA	ACOTACION Y ESCALA	LAMINA
CONSTRUCTORA MOYEDA SA DE CV	DIC/2008	CMS; IND.	69 DE 70
REVISO	DIBUJO	CLAVE	
CONSTRUCTORA MOYEDA SA DE CV	CONSTRUCTORA MOYEDA	API-GI-JT90-DC01-E69	

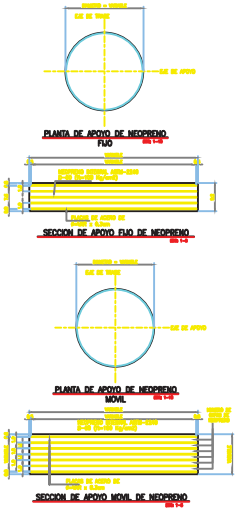
NEOPRENOS DEL EJE 90
EN VIGAS DE ACERO
CLARO 7-8



PLANTA DE APOYO DE NEOPRENO
FIJOS Y MOVILES

SECCION DE APOYOS FIJOS Y MOVILES DE NEOPRENO

NEOPRENOS DEL EJE 90
EN VIGAS DE ACERO
CLAROS 8-9, 9-10, 10-11



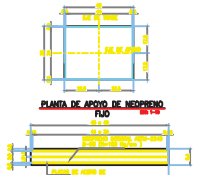
PLANTA DE APOYO DE NEOPRENO
FIJO

SECCION DE APOYO FIJO DE NEOPRENO

PLANTA DE APOYO DE NEOPRENO
MOVIL

SECCION DE APOYO MOVIL DE NEOPRENO

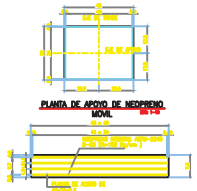
NEOPRENOS DEL EJE 90
EN VIGAS DE CONCRETO
CLAROS 1-2, 2-3, 3-4,
4-5, 5-6, 6-7



PLANTA DE APOYO DE NEOPRENO
FIJO

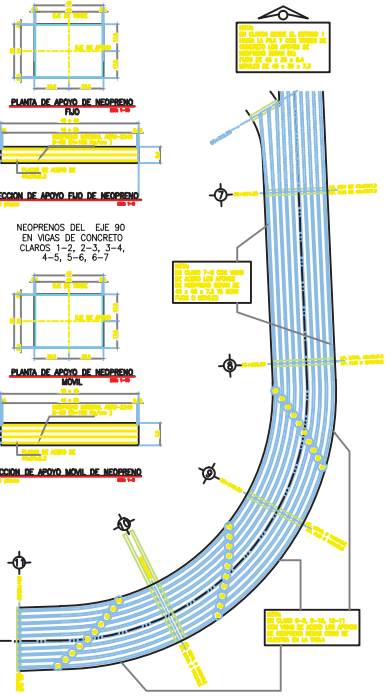
SECCION DE APOYO FIJO DE NEOPRENO

NEOPRENOS DEL EJE 90
EN VIGAS DE CONCRETO
CLAROS 1-2, 2-3, 3-4,
4-5, 5-6, 6-7



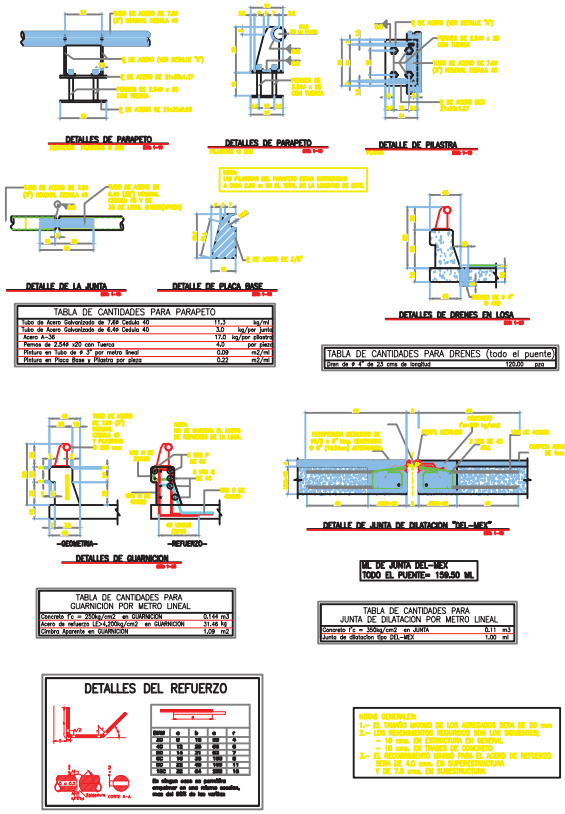
PLANTA DE APOYO DE NEOPRENO
MOVIL

SECCION DE APOYO MOVIL DE NEOPRENO



APOYOS DE NEOPRENO INTEGRAL PARA CLAROS 8-9, 9-10, 10-11

APOYOS FIJOS								APOYOS MOVILES							
VIGA NUMERO	LARGO DE VIGA (cm)	DIMETRO DEL APOYO (cm)	NUMERO DE APOYOS	DISTANCIA ENTRE APOYOS (cm)	DISTANCIA A CELDA (cm)	DISTANCIA A CELDA (cm)	LARGO DE APOYO (cm)	VIGA NUMERO	LARGO DE VIGA (cm)	DIMETRO DEL APOYO (cm)	NUMERO DE APOYOS	DISTANCIA ENTRE APOYOS (cm)	DISTANCIA A CELDA (cm)	DISTANCIA A CELDA (cm)
VIGA 1	44.65	60.0	4	70	0	60	VIGA 7	45.40	60.0	4	70	0	60		
VIGA 2	45.40	60.0	4	70	0	60	VIGA 8	45.40	60.0	4	70	0	60		
VIGA 3	45.40	60.0	4	70	0	60	VIGA 9	45.40	60.0	4	70	0	60		
VIGA 4	45.40	60.0	4	70	0	60	VIGA 10	45.40	60.0	4	70	0	60		
VIGA 5	45.40	60.0	4	70	0	60	VIGA 11	45.40	60.0	4	70	0	60		
VIGA 6	45.40	60.0	4	70	0	60	VIGA 12	45.40	60.0	4	70	0	60		
VIGA 13	45.40	60.0	4	70	0	60	VIGA 19	45.40	60.0	4	70	0	60		
VIGA 14	45.40	60.0	4	70	0	60	VIGA 20	45.40	60.0	4	70	0	60		
VIGA 15	45.40	60.0	4	70	0	60	VIGA 21	45.40	60.0	4	70	0	60		
VIGA 16	45.40	60.0	4	70	0	60	VIGA 22	45.40	60.0	4	70	0	60		
VIGA 17	45.40	60.0	4	70	0	60	VIGA 23	45.40	60.0	4	70	0	60		
VIGA 18	45.40	60.0	4	70	0	60	VIGA 24	45.40	60.0	4	70	0	60		



DETALLES DE PARAPETO

DETALLES DE PARAPETO

DETALLE DE PILASTRA

DETALLE DE LA JUNTA

DETALLE DE PLACA BASE

DETALLES DE DRENES EN LOSA

TABLA DE CANTIDADES PARA PARAPETO		
Tubo de Acero Galvanizado de 7.60 Cedulo 40	11.3	kg/ml
Tubo de Acero Galvanizado de 6.40 Cedulo 40	3.0	kg/por barrote
Acero A-36	17.0	kg/por pilastra
Pernos de 2.5x8 x20 con Tuerca	4.0	por pieza
Pintura en Tubo de 4" 3" por metro lineal	0.09	m2/ml
Pintura en Placa Base y Pilastra por pieza	0.22	m2/ml

TABLA DE CANTIDADES PARA DRENES (todo el puente)		
Dren de # 4" de 23 cms de longitud	120.00	pza

DETALLES DE GUARNICION

TABLA DE CANTIDADES PARA GUARNICION POR METRO LINEAL		
Concreto f'c = 250kg/cm2 en GUARNICION	0.144	m3
Acero de refuerzo f.y=4,200kg/cm2 en GUARNICION	31.46	kg
Cimbra Aparente en GUARNICION	1.08	m2

DETALLE DE JUNTA DE DILATACION "DEL-MEX"

ML DE JUNTA DEL-MEX
TODO EL PUENTE= 159.50 ML

TABLA DE CANTIDADES PARA JUNTA DE DILATACION POR METRO LINEAL		
Concreto f'c = 350kg/cm2 en JUNTA	0.11	m3
Junta de dilatacion tipo DEL-MEX	1.00	ml

DETALLES DEL REFUERZO

NOTAS GENERALES:
1.- EL TRASLAPE MINIMO DE LOS ACEROS SERA DE 20 mm
2.- LOS RECUBRIMIENTOS REQUERIDOS SON LOS SIGUIENTES:
- 10 cms. EN ESTRUCTURA EN GENERAL
- 15 cms. EN TRABES DE CONCRETO
3.- EL RECUBRIMIENTO MINIMO PARA EL ACERO DE REFUERZO SERA DE 4.0 cms. EN SUPERESTRUCTURA Y DE 7.5 cms. EN SUBESTRUCTURA.

NOTAS GENERALES:

ESPECIFICACIONES :

LA ULTIMA VERSION DE LAS NORMAS PARA CONSTRUCCION E INSTALACIONES DE LA S.C.T. EN CUANTO A NO CONTRAPONERSE LAS INDICACIONES DE LOS PLANOS, SE HARA REFERENCIA EN PARTICULAR A LOS SIGUIENTES TOMOS Y CAPITULOS :

3.01.02.002/E CONCRETO HIDRAULICO.
3.01.02.004/E ACERO PARA CONCRETO HIDRAULICO.
3.01.02.005/E ESTRUCTURAS DE CONCRETO REFORZADO.
3.01.02.006/E ESTRUCTURAS DE CONCRETO PRESFORZADO.
3.01.02.007/E ESTRUCTURAS DE ACERO.

APLICACION DEL PROYECTO :
CARGA VIVA : T3-S2-R4 EN DOS O CUATRO SENTIDOS DE CIRCULACION.

MATERIALES :

TODOS LOS MATERIALES DEBERAN SER ACEPTADOS POR LA DIRECCION GENERAL DE CONSTRUCCION DE CONSTRUCTORA, Y EN PARTICULAR DEBERA CUMPLIR LAS SIGUIENTES ESPECIFICACIONES :

CONCRETO : A.01.02.002/E-2 TIPO I A II
CEMENTO : A.01.02.003/E-1
AGREGADOS : A.01.02.004/E-1
AGUA PARA CONCRETO : A.01.02.005/E-1
ACERO PARA REFUERZO : A.01.02.006/E-2 TIPO A.D A G SEGUNDO
CONTENIDO DE ACERO DE 4200 KG/CM2
CON ALARGAMIENTO MINIMO EN 10mm. DE 20 CMS. MINIMO.
ACERO ESTRUCTURAL : A.01.02.007/E
SOLDADURA : A.01.02.008/E-10
ACERO DE PRESFUERZO : A.01.02.009

CONCRETO :

SE EXPLICARAN LOS CONCRETOS DE LAS SIGUIENTES CARACTERISTICAS :

EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5, 5-6, 6-7 Y EN LOSAS DE LOS TRAMOS 7-8, 8-9, 9-10 Y 10-11 EL CONCRETO f'c=350kg/cm. 2
EN LOSAS DE LOS TRAMOS 7-8, 8-9, 9-10 Y 10-11 EL CONCRETO f'c=300kg/cm.

EN GUARNICIONES Y BANQUETAS EL CONCRETO f'c=250kg/cm. 2
EN LOSAS DE LOS TRAMOS 1-2, 2-3, 3-4, 4-5, 5-6, 6-7 EL CONCRETO f'c=300kg/cm.
CON REVENIMIENTO DE 8 A 12cm Y TAMAÑO MAXIMO DEL AGREGADO GRUESO DE 1.0cm.

ACERO PARA REFUERZO :

LOS ESPALMES DE LAS VARILLAS PODRAN HACERSE TRASLAPANDOSE O CON SOLDADURA A TOPE SEGUN SE INDICA EN EL CUADRO RESPECTIVO. SE PROCURARA TENER EL MENOR NUMERO POSIBLE DE EMPALMES. SE TENDRA CUIDADO, CUANDO EN LA LIMPIEZA DE LAS VARILLAS PARA EVITAR QUE TENGAN CHIDO SUELTO ANTES DE EFECTUAR EL CONCRETO.

ACERO DE PRESFUERZO :

LOS ELEMENTOS DE ACERO PARA EL PRESFUERZO ESTARAN FORMADOS POR TORONES, LOS CUALES ESTARAN BIEN COLOCADOS A SUJETOS, POR MEDIO DEL PROYECTO ANTERIOR EL ACERO DE EL PRESFUERZO, ESTARA BIEN SUJETOS Y CONVENIENTEMENTE SERA NECESARIO QUE SE PROTEJA CONTRA LA CORROSION Y CONTRA ACCIDENTES DURANTE TODO EL PROCESO DE ESFUERZO. PARA EL PRESFUERZO SE REQUIEREN LAS SIGUIENTES CARACTERISTICAS EN EL ACERO DE PRESFUERZO :

a) ESFUERZO DE RUPTURA Y MINIMO ESCURRIMIENTO MINIMO POR CENTIMETRO CUADRADO (19,000 kg/cm.)

b) ESFUERZO EN EL LIMITE DE FLUENCIA CONVENCIONAL Y RESISTENCIA, EN LOS CASOS INDICADOS POR CIENTO (0.85) DE LA RESISTENCIA MINIMA DEFINIDA EN EL INCISO ANTERIOR (17,100 kg/cm.)."

MUESTRAS :

EL CONTRATISTA DEBERA ENTREGAR A LA S.A.O.P. LAS MUESTRAS DE CADA UNO CONSISTENTE EN PORCIONES DE LOSAS, DE LONGITUD NORMAL DE TORONES DE FORMA DE 1.20cm. DE DIAMETRO TORCIDO POR SEIS ALAMBRES Y UNA MAS DEL TORON EL CENTRO.
TODAS LAS MUESTRAS DEBEN REPRESENTARSE DEL LOTE DONDE PROCEDAN Y DEBERA TOMARSE DEL MISMO ROLLO DE CADA LOTE.

RECHAZO DE MATERIAL :

EL MATERIAL QUE A JUICIO DE LA SECRETARIA RESULTE DEFECTUOSO SERA RECHAZADO Y DEBERA SER REMPLAZADO POR EL CONTRATISTA A SUS EXPENSAS.

ACERO ESTRUCTURAL :

EL ACERO ESTRUCTURAL EN PLACAS ES DEL TIPO A-709 GRADO 70

APOYO DE NEOPRENO :

LOS APOYOS DE NEOPRENO DE UNA DUREZA PARA QUE SU TRABAJO A LA COMPRESION SEA DEL 100 Kg/cm. PRODUCIRA UNA DEFORMACION UNITARIA DEL 10%, EL CUAL SE CONSIDERA PERMISIBLE.
SERA RESPONSO PARA LA OBRA, LOS PLACAS DE NEOPRENO DE DIMENSIONES MENORES DE LAS QUE SE INDICAN EN LOS PLANOS, SIEMPRE QUE LAS DIMENSIONES DE OTRAS SEAN MAYORES PORQUE NO PRODUCIRAN ESFUERZOS MAYORES.
LOS APOYOS DE NEOPRENO DEBERAN CUMPLIR CON LA ESPECIFICACION AASHTO-D-2240 Y SERAN DUREZA SHORE 60.

CONSTRUCCION:

OBRA FALSA, MOLDES Y DESCIMBRADO:

LOS MOLDES PARA LOS TRAMOS PODRAN SER DE MADERA, METALICOS O MIXTOS, EL CONTRATISTA SOMETERA A LAS CONSIDERACION DE LA SECRETARIA EL PROYECTO DE LAS FORMAS, PARA SU ESTUDIO Y APROBACION O MODIFICACION EN SU CASO, EL CONTRATISTA QUE-DARA OBLIGADO A CONSTRUIR DICHOS MOLDES DE ACUERDO CON LOS PLANOS APROBADOS Y EN TODO CASO SERA RESPONSABLE DE LA CORRECTA CONSTRUCCION DE LOS MISMOS, DE CONFORMARSE LAS NORMAS DE LA S.C.T. INCISO 3.01.02.006-C/94, DE TENER ESPECIAL CUIDADO EN QUE LOS CABLES PARA PRESFUERZO QUEDEN COLOCADOS CON TODA HOLGURA LA TOLERANCIA MAXIMA EN CUALQUIER DIMENSION SERA DE DOS MILESIMOS PARA ANCHURA DU DEMAS CORRESPONDIENTE AL TRAMO CON TRABES DE ESTE TIPO.
LOS MOLDES DE LAS PARTES DE LOS TRAMOS PODRAN REMOVERSE A LOS CUARENTA Y OCHO (48) HORAS DE TERMINADO EL COLADO.
EN PARA EL MONTAJE DE LA SUPERESTRUCTURA O DE UNA PARTE DE ELLA EL CONTRATISTA PRESENTARA PARA SU ESTUDIO Y APROBACION O MODIFICACION EN SU CASO, EL CONTRATISTA SERA EL UNICO RESPONSABLE DE LOS RESULTADOS QUE SE OBTENGAN DEL USO DE ESTA OBRA FALSA.
SI EL CONTRATISTA USARE OBRA FALSA, AL CESAR LA FUNCION ESTRUC-TURAL, DE DICHA OBRA FALSA LA RETIRARA TOTALMENTE INCLUSO LOS PILOTES PROVISIONALES Y BASES DE CONCRETO O DE MAMPOSTERIA O CUALQUIER OBSTACULO QUE QUEDARE EN EL CAUCE, SI A JUICIO DE LA SECRETARIA, ES NECESARIA.

ELABORACION DEL CONCRETO:

EL CONCRETO DEBERA DOSIFICARSE EN SU ELABORACION, VERTIDO Y CURADO, LAS PRESCRIPCIONES DEL INCISO 3.01.02.003
DE LAS NORMAS.
EL COLADO DE CADA TRABE ASI COMO EL DE LA LOSA Y DIAFRAGMA, SERA CONTINUO, EN UNA SOLA OPERACION, TODO EL CONCRETO SERA VIBRADO INTERNA Y EXTERNAMENTE Y EN AMBAS FORMAS O SEGUN LO INDIQUE EL SUPERVISOR RESIDENTE DE LA S.A.O.P.
ESTA OPERACION SE EFECTUARA EN FORMA CONTINUA, EVITANDO CUALQUIER ENDURECIMIENTO DE LA PORCION CONTRA DEL REFUERZO.
EL CONTRATISTA DEBERA CUIDAR DURANTE EL TENDIDO EL COLADO SUPERFICIES LIBRE SIN HUECOS NI PORROS.

PRESFUERZO:

GENERALIDADES:

EL CONTRATISTA CERTIFICARA A LA SECRETARIA QUE DISPONDRA DE UN TECNICO ESPECIALIZADO EN TRABAJOS DE CONCRETO PRESFORZADO, QUE CONOZCA EL SISTEMA QUE SE PRETENDA USAR, Y VERLE LA FABRICACION DE LAS TRABES DE CONCRETO PRESFORZADO DURANTE LAS FASES FUNDA-MENTALES: FABRICACION DE LOS CABLES, COLOCACION DE ELLOS EN LA FORMA Y DURANTE TODOS LOS PROCESOS DE TENSADO (COLABORACION DE LA CASA PRODUCTORA DEL EQUIPO), COMPROBACION DE LOS ESFUERZOS POR PRESION Y OPERACION DEL PROPIO TENSADO, PUNTO EN QUE LA SECCION MAESTRA SE RELLENA CON EL USO DEL MISMO PARA EL PRESFUERZO Y DE LA INSPECCION Y SANEO DE LAS INSTALACIONES Y MATERIAL DE MANERA DE GARANTIZAR LAS OPERACIONES RESULTADOS SATISFACTORIOS.
SI EL CONTRATISTA PROPONE UNOS CABLES CON CAPACIDADES DIFERENTES A LAS DESIGNADAS EN EL PROYECTO DEBERA PRESENTAR SU PROPOSICION, RECOMENDANDO JUSTIFICARA A LA SECRETARIA PARA SU ESTUDIO Y APROBACION O MODIFICACION EN SU CASO.

APLICACION DEL PRESFUERZO:

CUANDO LAS PRUEBAS EN LOS CILINDROS DE MUESTRA INDIQUEN QUE ESTE HA ALCANZADO LA RESISTENCIA f'c FIJE SE ESPECIFICA EN EL PROYECTO, SE HARA LA TRANSMISION DEL PRESFUERZO

MANIOBRAS, TRANSPORTE Y MONTAJE:

LAS TRABES SE PODRAN COLAR SEGUN EL PROYECTO, EN UN TALLER DE FABRICACION O BIEN DIRECTAMENTE EN LA OBRA.
EN EL PRIMER CASO, LAS MANIOBRAS NECESARIAS PARA EL TRANS-PORTE O MONTAJE DE LAS TRABES DEBERAN SOMETERSE A LA APRO-BACION DE LA SECRETARIA.
EN PARA EL MONTAJE SE PLANEA TRANSPORTAR UNA TRABE SOBRE OTRAS QUE YA ESTEN COLOCADAS EN SU LUGAR DEFINITIVO, PREVIAMENTE DEBERA COMPROBARSE QUE LOS ESFUERZOS QUE SE ORIGINEN EN LAS TRABES DE APOYO, DE ACUERDO CON EL PESO Y LAS CARACTERISTICAS DE LOS ELEMENTOS AUXILIARES PARA EL TRANSPORTE, SON ADMISIBLES.
LAS TRABES SE TRANSPORTARAN INVARIABLEMENTE CON EL ALMA VERTICAL Y APOYADOS EXCLUSIVAMENTE EN LA ZONA DE SUS EXTREMOS Y SIN ADEMAS, NI INTERCALAR APOYO INTERMEDIO ALGUNO. LOS CABLES O TRAMOS PARA IZAR LAS TRABES, SI ES EMPLEAR, SE COLOCARAN UNICAMENTE A LOS EXTREMOS DE ESTAS, EN LOS SENTIDOS DEL EJE LONGITUDINAL DE LAS TRABES Y DURANTE EL COLADO DE LA LOSA Y DE LOS DIAFRAGMAS SE TOMARAN TODAS LAS PRECAUCIONES DEL CASO, PARA EVITAR EL PANDEO.

No.	REVISIONES	Elaboró	Supervisó	Revisó	Aprobó	Fecha
1						
2						
3						
4						
5						
6						
7						

SECRETARIA DE COMUNICACIONES Y TRANSPORTES	GOBIERNO DEL ESTADO DE VERACRUZ-LLAVE
DIRECCION GENERAL DE CONSTRUCCION	SECRETARIA DE COMUNICACIONES Y OBRAS PUBLICAS

PROYECTO EJECUTIVO

PUERTO DE VERACRUZ

ZONA DE ACTIVIDADES LOGISTICAS
CIRCUITO JT EJE 90

PLANO DE NOTAS Y DETALLES
EJE 90

ELABORO	SUPERVISO	REVISO	APROBO	FECHA	ESCALA	CLAVE
				ENERO/2004	INDICADA	