

ANEJO. CÁLCULOS ESTRUCTURALES

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1 OBJETO

La estructura objeto del presente proyecto salva el río Nervión a su paso por el barrio bilbaíno de Bolueta. En este anejo se recoge toda la información relacionada con la metodología de cálculo utilizada en el dimensionamiento de la estructura de ampliación, así como los resultados obtenidos.

Para ello, se organiza el presente documento en dos partes; la primera, dedicada a la justificación del método de cálculo y la segunda, que recoge todos los cálculos propiamente dichos.

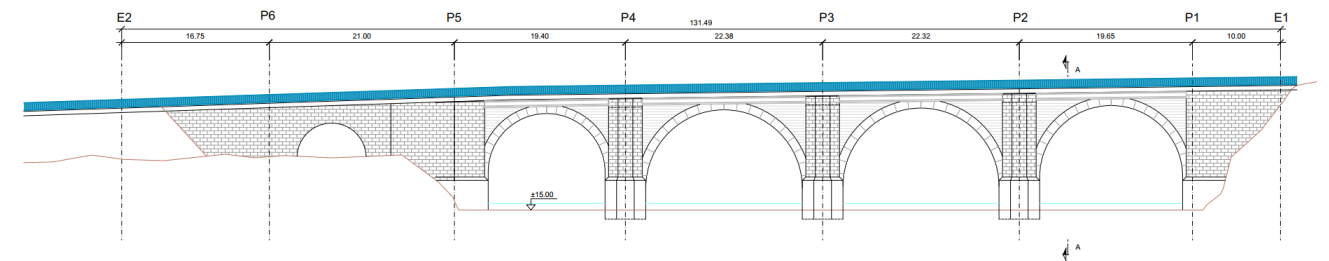
Se proporcionan en los anexos al presente documento los resultados numéricos detallados obtenidos del modelo

2 DESCRIPCIÓN DE LA ESTRUCTURA

La estructura objeto del presente proyecto es un puente situado entre los términos municipales de Bilbao, Basauri y Etxebarri. Sirve de paso a la carretera Bi-712 a su paso por el río Nervión.

Se trata de una estructura de fábrica de piedra y hormigón construida en el siglo XX. La estructura cuenta con un total de 4 vanos principales situados sobre el río galindo de vanos del entorno de 20 metros de longitud a los que se le añaden las rampas de entrada y salida en los que se añaden 3 vanos de menor entidad.

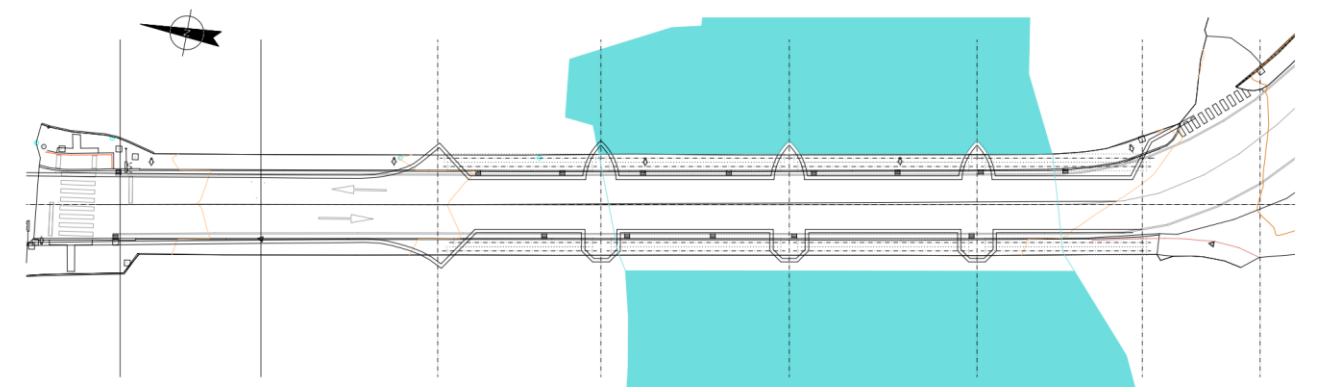
La estructura cuenta con una longitud total aproximada a los 135 metros.



Alzado de la estructura

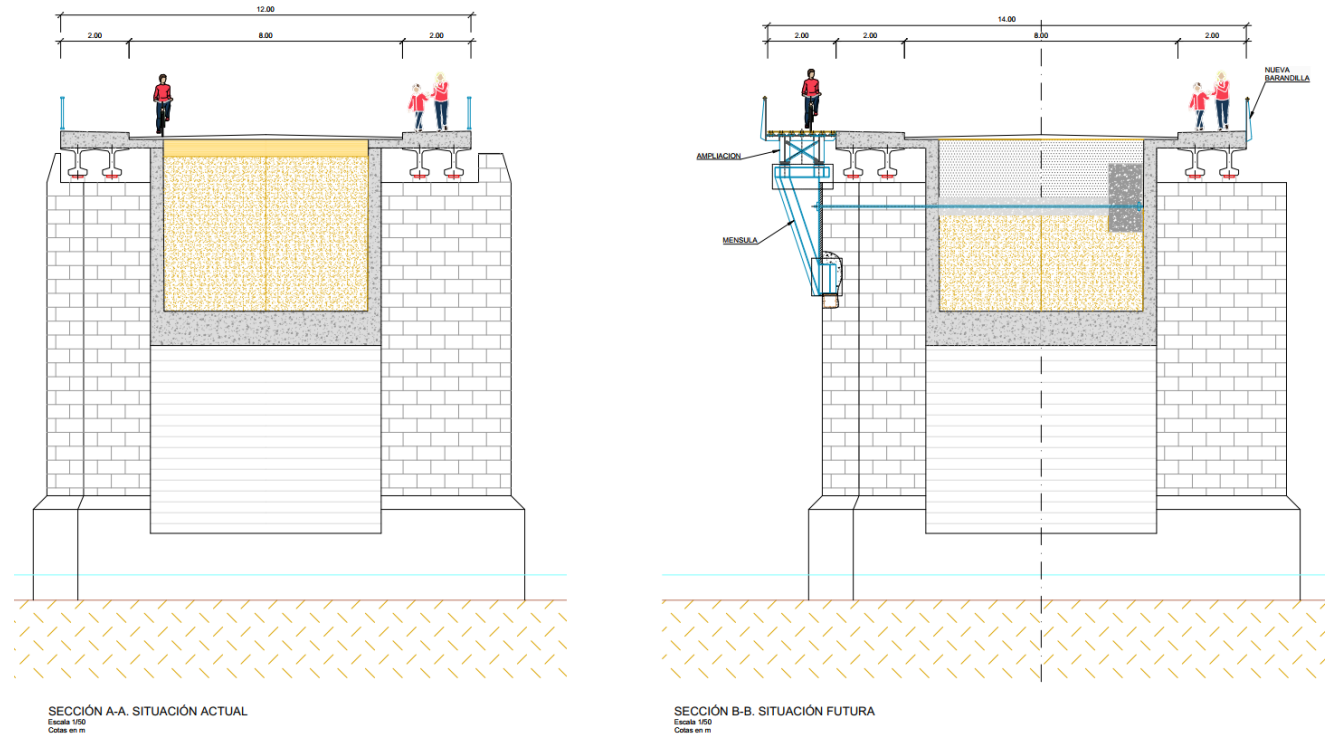
Las pilas cuentan con tajamares en ambos extremos a su paso por el río, mientras que las rampas se encuentran abovedadas.

En los años 70, la estructura fue objeto de ampliación disponiendo vigas pretensadas situadas sobre los tajamares en la zona principal y sobre voladizo en las rampas. Actualmente, la estructura tiene una longitud transversal total de 11.5 metros aproximadamente, repartidos en 6.5 metros de carretera y 2.5 metros cada acera.



Planta de la estructura

Dentro del presente proyecto, se recoge disponer un carril ciclable en el paramento aguas abajo del tablero de 2 metros de longitud transversal.



Comparativa de la sección tipo existente y situación futura

3 SOFTWARE

Se han utilizado los siguientes softwares:

- Matchad 9 Prime, para los cálculos de las acciones y comprobaciones.
- CSI Bridge v24.2, Obtención de esfuerzos.

4 NORMATIVA EMPLEADA

Para la realización de los cálculos aquí presentes, se ha empleado la normativa que se muestra a continuación:

- Instrucción sobre las acciones a considerar en el proyecto de puentes de carreteras (IAP-11).
- Código Estructural. (Real Decreto 470/2021, del 29 de junio de 2021)
- Guía para el proyecto y la ejecución de micropilotes en obras de carretera.

5 SOLICITACIONES EMPLEADAS

Una vez analizadas las solicitaciones que dicta la normativa anteriormente expuesta, se han considerado las siguientes acciones.

Para una mejor comprensión, se han diferenciado en función de su naturaleza

5.1 ACCIONES PERMANENTES

Son aquellas que su valor se mantiene constante en el tiempo.

5.1.1 PESO PROPIO

Solicitaciones debidas al peso propio de los elementos estructurales. El valor característico de los materiales empleado ha sido la facilitada en la tabla 3.1-a del PG-3.

En este proyecto se han valorado:

- Acero estructural: 78.5 KN/m^3 .
- Madera Húmeda: 10.3 KN/m^3 .
- Hormigón en masa: 23 KN/m^3 .
- Hormigón armado: 25 KN/m^3 .

5.1.2 CARGAS MUERTAS

Son las debidas a los elementos no estructurales que gravitan sobre la estructura a valor constante en el tiempo.

En este proyecto se han valorado:

- **Pavimento de madera:** Se ha considerado una tarima de un espesor de 5 centímetros. El peso específico considerado en los cálculos ha sido de 10.3 KN/m^3 .
- **Elemento de contención:** Se considera una carga lineal de 0.5 KN/m a lo largo del tablero en el exterior de la estructura.

5.2 ACCIONES VARIABLES

Son aquellas que su valor no se mantiene constante en el tiempo.

5.2.1 SOBRECARGA DE USO

En él, se reflejan las cargas correspondientes al uso mediante el tráfico rodado.

La estructura presenta una anchura de 2 metros. Esta se ha discretizado en 2 carriles virtuales de 1 metro de ancho cada uno.

- Carril 1: Ancho de 1 metro con una carga constante de 5 kN/m².
- Carril 2: Ancho de 2 metro con una carga constante de 5 kN/m².

6 VALORES DE CÁLCULO

Para la redacción del presente proyecto, se han empleado los coeficientes de mayoración y minoración expuestos en la normativa anteriormente citada.

7 MATERIALES

En este capítulo, se presentan las características de los materiales empleados. Éstos han sido los siguientes:

- Acero estructural: S-355 J2 W (PATINABLE)
- Hormigón armado f_{ck}:25 MPa (HA-25)
- Acero B-500

Las características mecánicas son:

TABLE:			
Material	UnitWeight	E1	G12
	KN/m3	KN/m2	KN/m2
HA-25	25	31000	12916.67
B-500	78.5	210000000	80769230.77
S355	78.5	210000000	80769230.77

7.1 CONSIDERACIONES DE DURABILIDAD

Dentro de la normativa anteriormente citada, se recogen las directrices a seguir en este campo.

7.1.1 CLASES DE EXPOSICIÓN:

Dentro del presente documento, se ha diferenciado 2 casuísticas diferentes. Por un lado, las estructuras enterradas, y por otro lado las expuestas al exterior.

Ambas se encuentran expuestas a la corrosión inducida por la carbonatación, con nivel de exposición XC2 en las estructuras enterradas y XC4 en las estructuras exteriores.

7.1.2 HORMIGON EMPELADO

Siguiendo las características del presente proyecto, se ha establecido el siguiente hormigón:

- Estructuras enterradas: HA-25/B/20/XC2
- Estructuras exteriores: HA-25/B/20/XC4

El cemento a emplear es CEM I.

7.1.3 MEDIDAS ESPECIFICAS PARA LA FASE DE EJECUCIÓN

Dentro de este apartado, se establece el recubrimiento a disponer en la zona superior de la losa. Las consideraciones consideradas han sido:

- Control de ejecución “otros” a lo que el recubrimiento nominal respecta.
- Vida útil del proyecto: 100 años.
- F_{ck}: 25 MPa

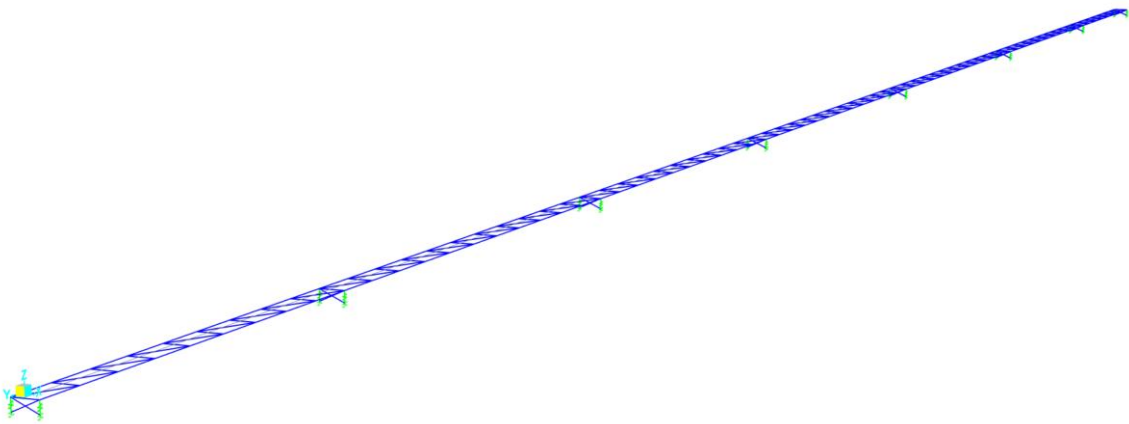
Con todo ello, se ha llegado a los siguientes recubrimientos:

- Estructuras enterradas: 35 milímetros.
- Estructuras exteriores: 40 milímetros.

8 CREACIÓN DEL MODELO

Una vez conocida la documentación expuesta anteriormente, se puede realizar el modelo.

El modelo se ha realizado empleando elementos tipo barra para las vigas.



Imágenes del modelo

8.1 VIGAS

En cuanto a las vigas, se han modelizado 3 tipologías de viga.

- Viga longitudinal: Tipología predominante en la estructura.

Property Data

Section Name

Tk-Viga0.8

Properties

Cross-section (axial) area	0.0181	Section modulus about 3 axis (top)	5.296E-03
Moment of Inertia about 3 axis	2.118E-03	Section modulus about 3 axis (bottom)	5.296E-03
Moment of Inertia about 2 axis	9.003E-05	Section modulus about 2 axis (left)	6.002E-04
Product of Inertia about 2-3	0.	Section modulus about 2 axis (right)	6.002E-04
Torsional constant	1.662E-06	Warping Constant (Cw)	1.369E-05
Shear area in 2 direction	6.400E-03	Plastic modulus about 3 axis	5.835E-03
Shear area in 3 direction	0.01	Plastic modulus about 2 axis	9.122E-04
CG offset in 3 direction	0.	Radius of Gyration about 3 axis	0.3423
CG offset in 2 direction	0.	Radius of Gyration about 2 axis	0.0706
Shear Center Offset (x3)*	0.		
Shear Center Offset (x2)*	0.		

* Value is not used in analysis

OK

Propiedades de la Viga longitudinal

- Viga transversal de celosía

Property Data

Section Name

Tk-L15X3

Properties

Cross-section (axial) area	8.272E-05	Section modulus about 3 axis (top)	1.465E-07
Moment of Inertia about 3 axis	1.507E-09	Section modulus about 3 axis (bottom)	3.196E-07
Moment of Inertia about 2 axis	1.507E-09	Section modulus about 2 axis (left)	3.196E-07
Product of Inertia about 2-3	8.989E-10	Section modulus about 2 axis (right)	1.465E-07
Torsional constant	2.430E-10	Warping Constant (Cw)	3.691E-15
Shear area in 2 direction	4.500E-05	Plastic modulus about 3 axis	2.821E-07
Shear area in 3 direction	4.500E-05	Plastic modulus about 2 axis	2.821E-07
CG offset in 3 direction	2.784E-03	Radius of Gyration about 3 axis	4.268E-03
CG offset in 2 direction	-2.784E-03	Radius of Gyration about 2 axis	4.268E-03
Shear Center Offset (x3)*	2.975E-03		
Shear Center Offset (x2)*	-2.975E-03		

* Value is not used in analysis

OK

Propiedades de la viga transversal de celosía

- Viga celosía

Property Data

Section Name

Tk-TTtransversalCelosia

Properties

Cross-section (axial) area	1.464E-03	Section modulus about 3 axis (top)	7.377E-05
Moment of Inertia about 3 axis	3.487E-06	Section modulus about 3 axis (bottom)	3.394E-05
Moment of Inertia about 2 axis	5.026E-07	Section modulus about 2 axis (left)	1.005E-05
Product of Inertia about 2-3	0.	Section modulus about 2 axis (right)	1.005E-05
Torsional constant	1.735E-08	Warping Constant (Cw)	2.056E-11
Shear area in 2 direction	9.000E-04	Plastic modulus about 3 axis	6.110E-05
Shear area in 3 direction	5.000E-04	Plastic modulus about 2 axis	1.630E-05
CG offset in 3 direction	0.	Radius of Gyration about 3 axis	0.0488
CG offset in 2 direction	0.0277	Radius of Gyration about 2 axis	0.0185
Shear Center Offset (x3)*	0.		
Shear Center Offset (x2)*	0.0439		

* Value is not used in analysis

OK

Propiedades de la viga celosía

8.2 SOLICITACIONES

Las solicitaciones han sido las expuestas en el capítulo 5 del presente anejo.

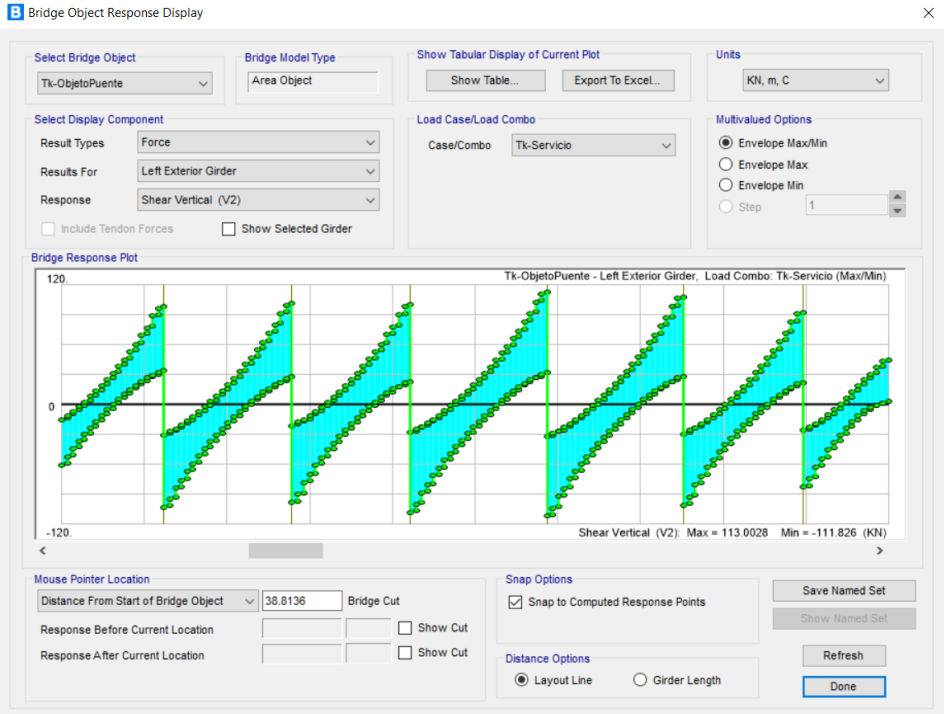
9 RESULTADOS OBTENIDOS

A continuación, se van a presentar los resultados obtenidos mediante el modelo descrito.

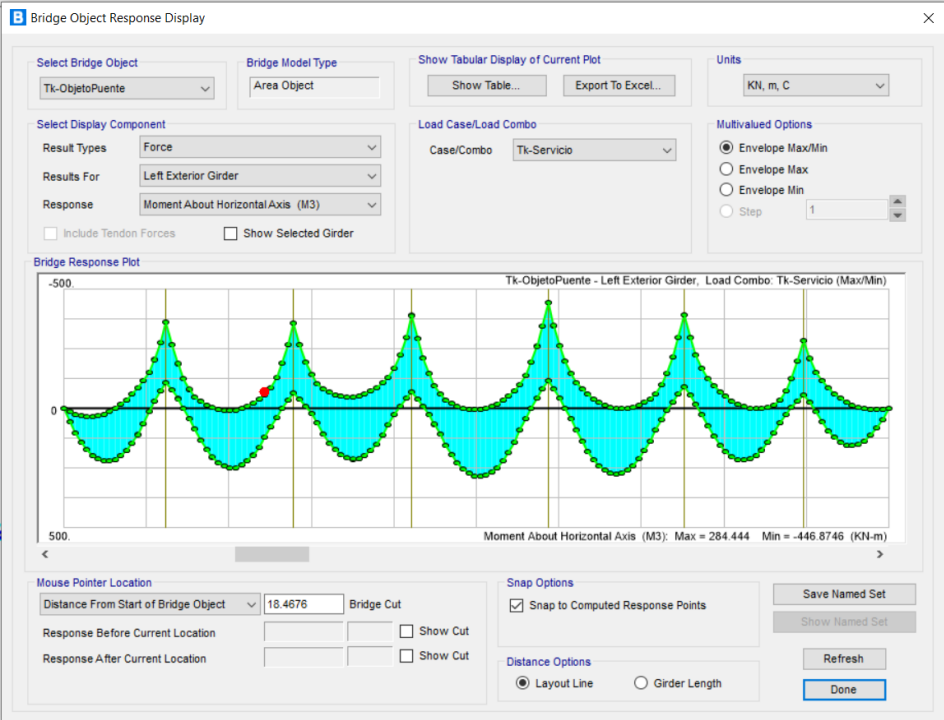
Los resultados quedan detallados en el anexo del presente anejo Modelo.

9.1 SERVICIO

9.1.1 VIGA 1

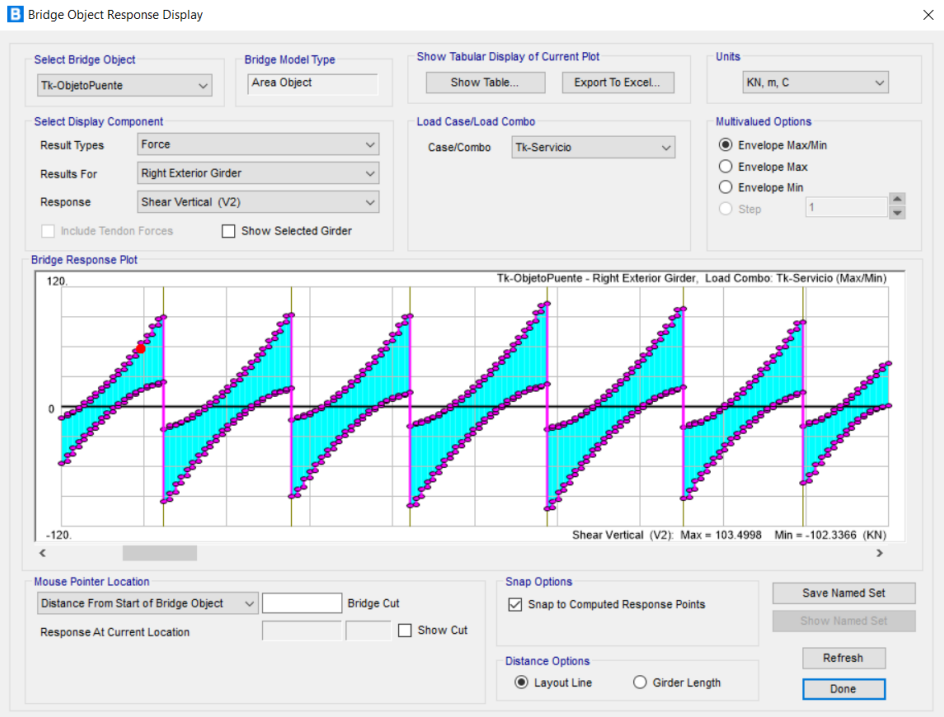


Esfuerzo cortante.

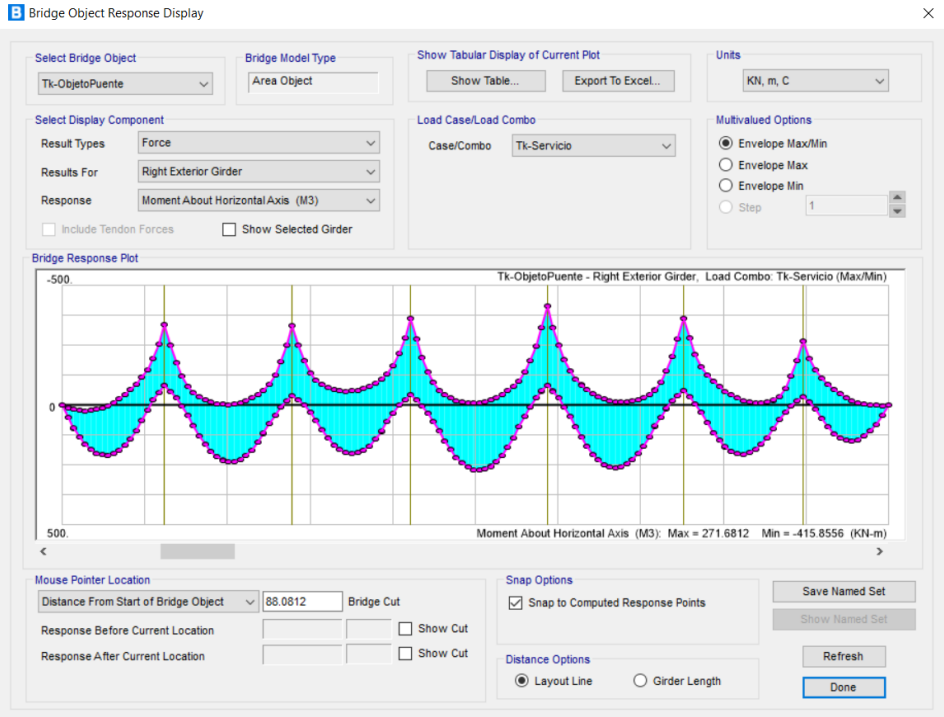


Esfuerzo flector

9.1.2 VIGA 2



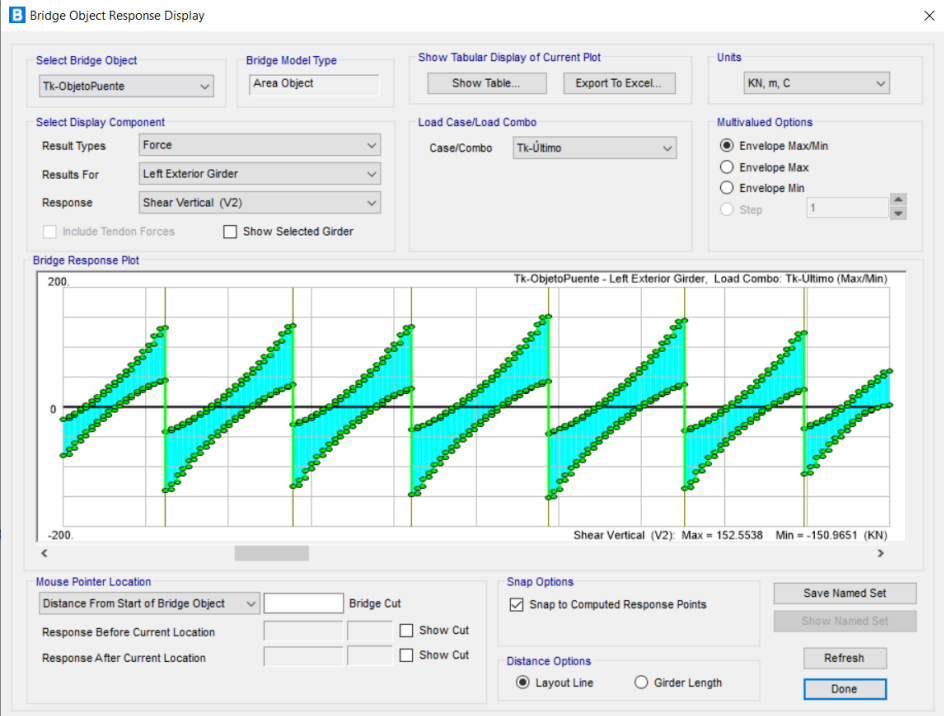
Esfuerzo cortante.



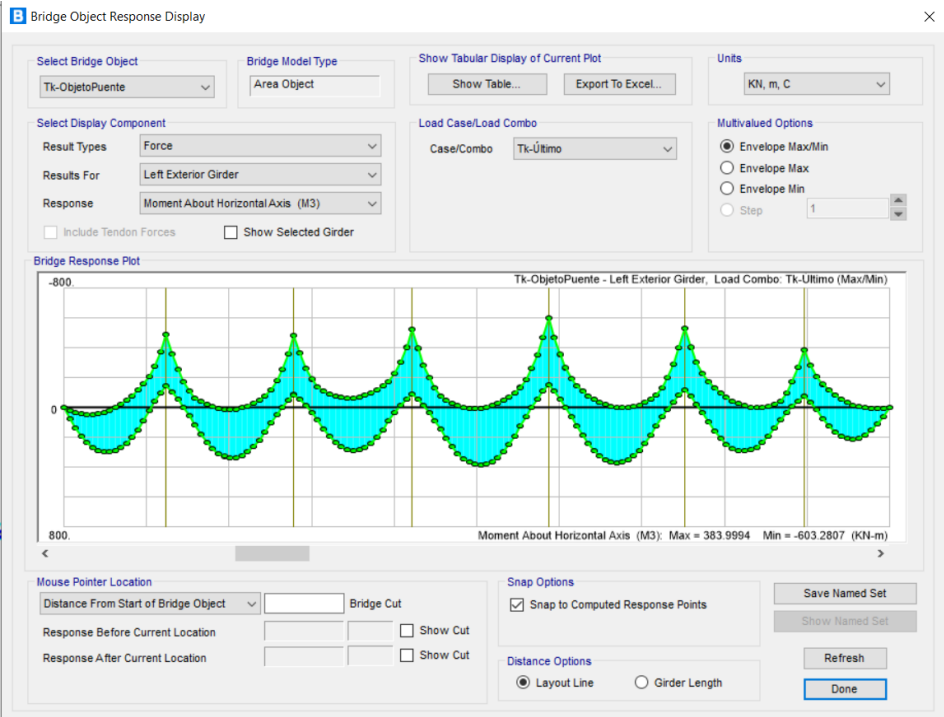
Esfuerzo flector

9.2 ESTADO ÚLTIMO

9.2.1 VIGA 1

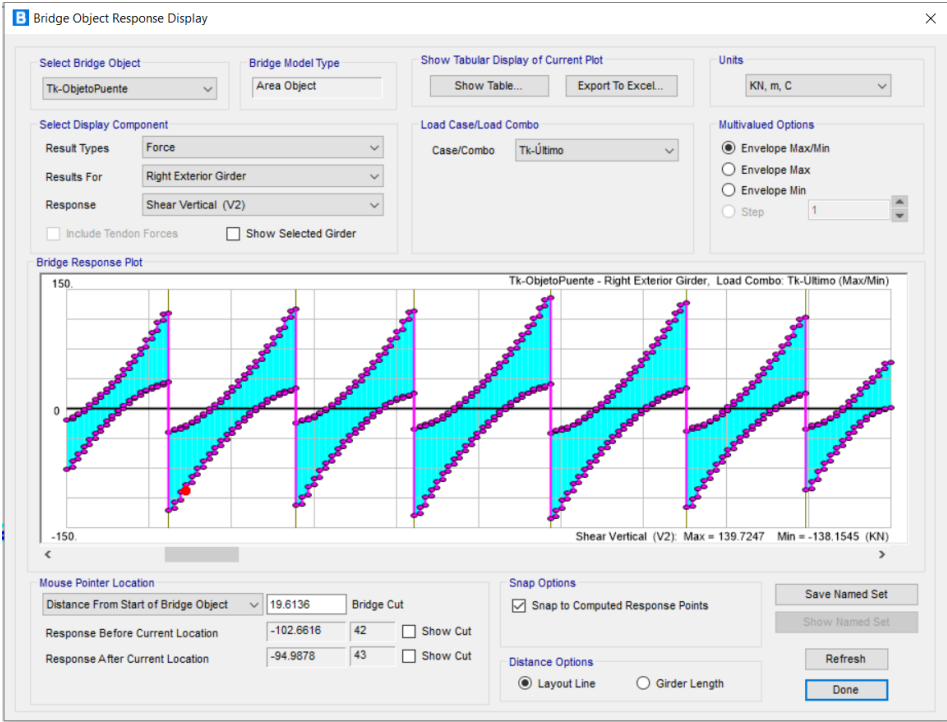


Esfuerzo cortante

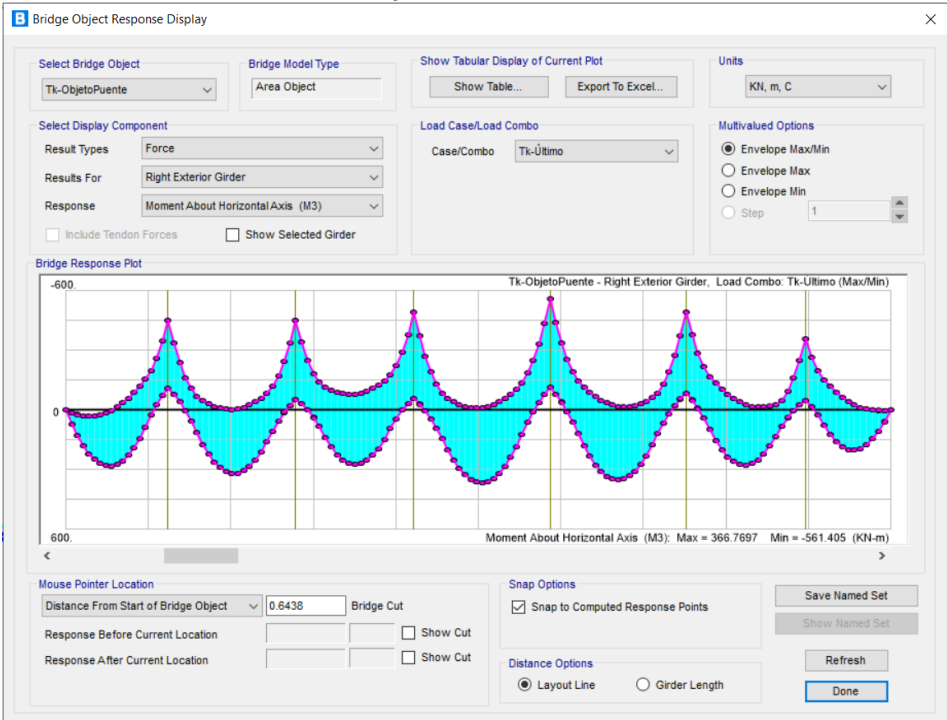


Esfuerzo flector

9.2.2 VIGA 2



Esfuerzo cortante



Esfuerzo flector

10 CÁLCULO SECCIONAL

Finalmente, la solución obtenida es una pasarela cicable metálica sobre un pavimento de madera. Esta formada por dos vigas metálicas continuas en toda la longitud de la estructura con un canto de 0.8 metros. La viga se ha diseñado de manera doblemente simétrica. Cuenta con alas de 300 milímetros de ancho y un espesor de 20 milímetros. Se han dispuesto rigidizadores en ambas alas (completos) situados en distancias variables cercanas a 2 metros (medida uniforme por vano) con espesores de 20 milímetros.

Las vigas quedan arriostradas con una celosía dispuesta sobre el plano de la viga longitudinal. Esta celosía la forman vigas transversales en forma de T, de 150 milímetros de canto y un ala de 100 milímetros. Toda ella con un espesor de 6 milímetros. De manera diagonal se han dispuesto chapas en forma de L de canto de 100 milímetros y una base de 50 milímetros. Es espesor es de 8 milímetros.

En las secciones de apoyo, se han dispuesto cruces en L, de sección idéntica a las de la celosía.

En la zona del pavimento, se disponen 7 jácenas de madera dispuestas equidistantes, de sección rectangular de 100 milímetros de canto y 75 milímetros de base. La instalación de estas queda a parejas dispuestas de manera interrumpida. Sobre estas, se dispone una tarima de madera con un espesor de 50 milímetros que cubre toda la sección transversal de 2 metros.

De manera continuada a la viga transversal de la celosía se dispone el elemento portante de la barandilla.

De manera complementaria, ha sido necesario disponer una ménsula metálica en la pila 1,2,3,4,5 como subestructura formada por un ala de 500 milímetros de lado y 20 milímetros de espesor. De manera ortogonal a esta, se dispone un ala de ancho variable de 20 milímetros de espesor, fortalecida con sendos pares de rigidizadores a cada lado. A final de ésta, queda un perfil armado con chapas de 50 milímetros.

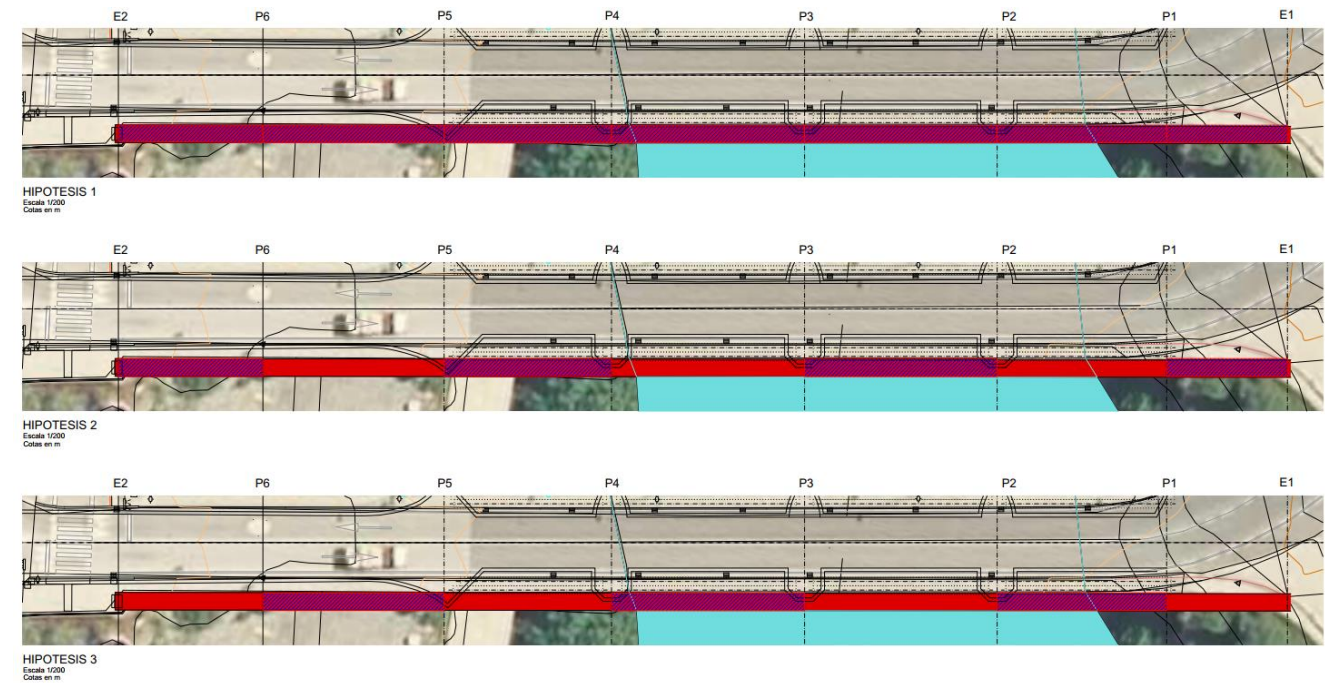
En la pila 6, se ha dispuesto un encepado triangular con 3 micropilotes, la cual sustenta una pila de 1500*500 milímetros. Los estribos han sido también micropilotados.

Las dimensiones de todos los elementos quedan detalladas en el documento N° 2 Planos del presente proyecto.

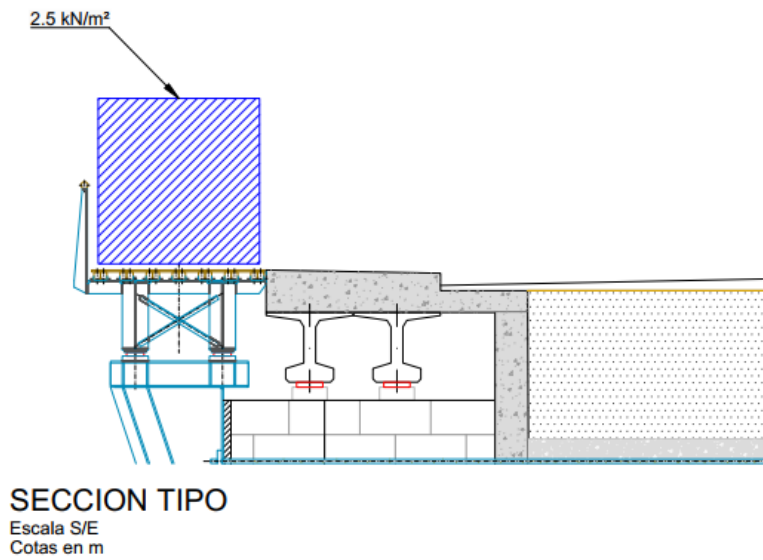
11 PRUEBA DE CARGA

De manera complementaria, se ha proyectado la prueba de carga de la nueva estructura, Se han realizado un total de 3 Hipótesis.

La carga empleada para la realización de la prueba es de 2.5 kN/m².



Planta de hipótesis



Sección de la carga

Los resultados esperados son:

Estructura	Long	Viga Exterior (mm)			Viga Interior (mm)		
		Hipotesis 1	Hipotesis 2	Hipotesis 3	Hipotesis 1	Hipotesis 2	Hipotesis 3
Vano 1	14	0.84	2.14	-1.95	0.84	2.14	-1.95
Vano 2	19.65	1.86	-3.02	6.15	1.86	-3.02	6.15
Vano 3	22.3	3.26	7.74	-4.03	3.26	7.74	-4.03
Vano 4	22.38	3.60	-4.51	8.11	3.60	-4.51	8.11
Vano 5	19.4	1.19	5.22	-4.48	1.19	5.22	-4.48
Vano 6	21	2.88	-3.27	4.89	2.88	-3.27	4.89
Vano 7	16.75	1.81	3.76	-1.30	1.19	3.76	-1.30

ANEXOS

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CSiBridge Analysis and Design Report

Prepared by
Teknes

Model Name: PR-0366 Modelo rev04.bdb

24 octobre 2023

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

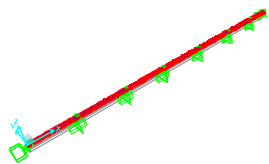


Figure 1: Finite element model

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2						
LayoutLine	SegType	Station m	Radius m	Bearing	CoordSys	X m
Tk-Eje	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Tk-Eje	Straight at New Bearing to Station	16.75		N900000E	GLOBAL	16.75
Tk-Eje	Straight at New Bearing to Station	37.75		N900000E	GLOBAL	37.75
Tk-Eje	Straight at New Bearing to Station	57.15		N900000E	GLOBAL	57.15
Tk-Eje	Straight at New Bearing to Station	79.53		N900000E	GLOBAL	79.53
Tk-Eje	Straight at New Bearing to Station	101.83		N900000E	GLOBAL	101.83
Tk-Eje	Straight at New Bearing to Station	121.48		N900000E	GLOBAL	121.48
Tk-Eje	Straight at Previous Bearing to End	135.48			GLOBAL	135.48

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2			
LayoutLine	Y m	GlobalX m	GlobalY m
Tk-Eje	0.	0.	0.
Tk-Eje	0.	16.75	0.
Tk-Eje	0.	37.75	0.
Tk-Eje	0.	57.15	0.
Tk-Eje	0.	79.53	0.
Tk-Eje	0.	101.83	0.
Tk-Eje	0.	121.48	0.
Tk-Eje	0.	135.48	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data						
LayoutLine	SegType	Station m	Grade Percent	CoordSys	Z m	GlobalZ m
Tk-Eje	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station m	Grade Percent	CoordSys	Z m	GlobalZ m
Tk-Eje	Constant at Previous Grade to End	135.48	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 3

Table 3: Lane Definition Data, Part 1 of 3

Lane	LaneFrom	LayoutLine	Station m	LaneType	Width m	Offset m	Radius m	LoadGroup
Tk-CarrilExter	Layout Line	Tk-Eje	0.	Fixed Lane	1.	-0.5	0.	Default
Tk-CarrilExter	Layout Line	Tk-Eje	135.48		1.	-0.5	0.	Default
Tk-CarrilInterior	Layout Line	Tk-Eje	0.	Fixed Lane	1.	0.5	0.	Default
Tk-CarrilInterior	Layout Line	Tk-Eje	135.48		1.	0.5	0.	Default
Tk-CarrilCompleto	Layout Line	Tk-Eje	0.	Fixed Lane	2.	0.	0.	Default
Tk-CarrilCompleto	Layout Line	Tk-Eje	135.48		2.	0.	0.	Default

Table 3: Lane Definition Data, Part 2 of 3

Table 3: Lane Definition Data, Part 2 of 3

Lane	DiscAlong m	DiscAcross m	DiscSpan	DiscSpanFac	DiscLane	DiscLaneFac	LeftType	RightType
Tk-CarrilExter	3.	3.	Yes	4.	Yes	10.	Interior	Interior
Tk-CarrilExter								
Tk-CarrilInterior	3.	3.	Yes	4.	Yes	10.	Interior	Interior
Tk-CarrilInterior								
Tk-CarrilCompleto	3.	3.	Yes	4.	Yes	10.	Interior	Interior
Tk-CarrilCompleto								

Table 3: Lane Definition Data, Part 3 of 3

Table 3: Lane Definition Data, Part 3 of 3

Lane	Color	Notes
Tk-CarrilExter	16777088	
Tk-CarrilExter		
Tk-CarrilInterior	Blue	

Table 3: Lane Definition Data, Part 3 of 3

Lane	Color	Notes
Tk-CarrilInterior		
Tk-CarrilCompleto	Red	
Tk-CarrilCompleto		

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
Tk-ObjetoPunte	Vano 1	Tk-Seccion	No
Tk-ObjetoPunte	Vano 2	Tk-Seccion	No
Tk-ObjetoPunte	Vano 3	Tk-Seccion	No
Tk-ObjetoPunte	Vano 4	Tk-Seccion	No
Tk-ObjetoPunte	Vano 5	Tk-Seccion	No
Tk-ObjetoPunte	Vano 6	Tk-Seccion	No
Tk-ObjetoPunte	Vano 7	Tk-Seccion	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth m	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
Tk-Seccion	S355	0	2.	Along Layout Line	No	No	No

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk m	HaunchHSame m	GirdSecSame	GirdAreaObj	LOLength m	LOFillDist m	LOOuterThk m	ROLLength m
Tk-Seccion	0.005	0.025	Tk-Viga0.8	Frame	0.5	0.5	0.005	0.5

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4							
Section	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight
	m	m	m	m		m	m
Tk-Seccion	0.5	0.005	0.	0.	Program Determined	2.	2.

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	m	m	m	m
Tk-Seccion	2.	0.	0.	0.

1.5. Abutments

Table 6: Bridge Abutment Definitions

Table 6: Bridge Abutment Definitions			
Abutment	SuperConn	SubType	FSProp
Tk-Estribo	Bottom	None	

Table 7: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 7: Bridge Object Definitions 06 - Abutments, Part 1 of 2								
BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	AbutProp	SubElev	HorizOff
							m	m
Tk-ObjetoPuente	Start	Start Abutment	Default	Tk-Apoyo	Abutment	Tk-Estribo	-0.855	0.
Tk-ObjetoPuente	End	Span 1	Default	Tk-Apoyo	Abutment	Tk-Estribo	-0.855	0.

Table 7: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 7: Bridge Object Definitions 06 - Abutments, Part 2 of 2						
BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					m	Degrees
Tk-ObjetoPuente	Start	Start Abutment	Tk-ApoyoEstriboFijoLong	None	-0.805	0.
Tk-ObjetoPuente	End	Span 1	Tk-ApoyoPila	None	-0.805	0.

1.6. Bents

Table 8: Bridge Bent Definitions 1 - General

Table 8: Bridge Bent Definitions 1 - General							
Bent	BeamLength	BeamSect	SuppType	Type	SuperConn1	NumCols	FSProp
	m						
Tk-Pilas	9.15	None	None	Single	Bottom		

Table 9: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 9: Bridge Object Definitions 07 - Bents, Part 1 of 2								
BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						m	m	
Tk-ObjetoPuente	Vano 1	Tk-Pilas	Yes	Vano 1	Default	-0.855	0.	Tk-Apoyo
Tk-ObjetoPuente	Vano 2	Tk-Pilas	Yes	Vano 2	Default	-0.855	0.	Tk-Apoyo
Tk-ObjetoPuente	Vano 3	Tk-Pilas	Yes	Vano 3	Default	-0.855	0.	Tk-Apoyo
Tk-ObjetoPuente	Vano 4	Tk-Pilas	Yes	Vano 4	Default	-0.855	0.	Tk-Apoyo
Tk-ObjetoPuente	Vano 5	Tk-Pilas	Yes	Vano 5	Default	-0.855	0.	Tk-Apoyo
Tk-ObjetoPuente	Vano 6	Tk-Pilas	Yes	Vano 6	Default	-0.855	0.	Tk-Apoyo

Table 9: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 9: Bridge Object Definitions 07 - Bents, Part 2 of 2							
BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						m	Degrees
Tk-ObjetoPuente	Vano 1	Vano 1	Yes	Tk-ApoyoPila	None	-0.805	0.
Tk-ObjetoPuente	Vano 2	Vano 2	Yes	Tk-ApoyoPila	None	-0.805	0.
Tk-ObjetoPuente	Vano 3	Vano 3	Yes	Tk-ApoyoPila	None	-0.805	0.
Tk-ObjetoPuente	Vano 4	Vano 4	Yes	Tk-ApoyoPila	None	-0.805	0.
Tk-ObjetoPuente	Vano 5	Vano 5	Yes	Tk-ApoyoPila	None	-0.805	0.
Tk-ObjetoPuente	Vano 6	Vano 6	Yes	Tk-ApoyoPila	None	-0.805	0.

1.7. Diaphragms

Table 10: Bridge Diaphragm Definitions, Part 1 of 3

Table 10: Bridge Diaphragm Definitions, Part 1 of 3								
Diaph	DiaphType	IncConnPlat	IncHEcc	IncTopChord	IncBrace	IncBotChord	TopChord	TCPinned
Tk-Apoyo	Brace	Yes	No	Yes	Yes	No	Tk-L15X3	Yes
Tk-Celosia	Single Beam	Yes						
Tk-DiafragmaTransversal	Single Beam	Yes						

Table 10: Bridge Diaphragm Definitions, Part 2 of 3

Table 10: Bridge Diaphragm Definitions, Part 2 of 3								
Diaph	TopOrient	BraceType	Brace	BracePinned	BraceOrient	Beam	BeamDist	MixedBeam
Tk-Apoyo	LL-Up	X	Tk-L15X3	Yes	LL-Up		0.	
Tk-Celosia						Tk-TTransversalCelosia	0.	No
Tk-DiafragmaTransversal						Tk-IPE120	0.	No

Table 10: Bridge Diaphragm Definitions, Part 3 of 3

Table 10: Bridge Diaphragm Definitions, Part 3 of 3					
Diaph	BeamDistBot	MatCnPlat	WidthCnPlat	ThickCnPlat	BothSideWeb
	m		m	m	
Tk-Apoyo	0.	S355	0.15	0.008	No
Tk-Celosia		S355	0.15	0.008	No
Tk-DiafragmaTransversal		Steel	0.15	0.008	No

1.8. Bearings

Table 11: Bridge Bearing Definitions

Table 11: Bridge Bearing Definitions							
Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
Tk-ApoyoEstriboFijoLong	User	Fixed	Free	Fixed	Free	Free	Free
Tk-ApoyoEstriboFijoTrans	User	Fixed	Fixed	Free	Free	Free	Free
Tk-ApoyoPila	User	Fixed	Free	Free	Free	Free	Free

Table 12: Bridge Model Summary 01 - Bearing Supports

Table 12: Bridge Model Summary 01 - Bearing Supports							
BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		m				m	Degrees
Tk-ObjetoPunte	Start Abutment	0.	Abutment	1	Tk-ApoyoEstriboFijoLong	-0.805	0.
Tk-ObjetoPunte	Start Abutment	0.	Abutment	2	Tk-ApoyoEstriboFijoTrans	-0.805	0.
Tk-ObjetoPunte	Vano 1	16.75	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 1	16.75	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 2	37.75	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 2	37.75	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 3	57.15	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 3	57.15	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 4	79.53	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 4	79.53	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 5	101.83	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 5	101.83	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 6	121.48	Bent	1	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 6	121.48	Bent	2	Tk-ApoyoPila	-0.805	0.
Tk-ObjetoPunte	Vano 7	135.48	Abutment	1	Tk-ApoyoEstriboFijoTrans	-0.805	0.
Tk-ObjetoPunte	Vano 7	135.48	Abutment	2	Tk-ApoyoPila	-0.805	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 13: Material Properties 02 - Basic Mechanical Properties

Table 13: Material Properties 02 - Basic Mechanical Properties							
Material	UnitWeight	UnitMass	E1	G12	U12	A1	
	KN/m3	KN-s2/m4	KN/m2	KN/m2		1/C	
HA-20	2.4993E+01	2.5485E+00	30327932.36	12636638.48	0.2	1.0000E-05	
Rebar	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05	
S355	7.6973E+01	7.8490E+00	210000000.77	80769230.77	0.3	1.1700E-05	
Steel	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.3	1.1700E-05	
Tendon	7.6973E+01	7.8490E+00	196500599.9			1.1700E-05	
Tk-S235	7.6973E+01	7.8490E+00	210000000.77	80769230.77	0.3	1.1700E-05	

Table 14: Material Properties 03a - Steel Data

Table 14: Material Properties 03a - Steel Data				
Material	Fy	Fu	FinalSlope	CoupModType
	KN/m2	KN/m2		
S355	355000.	510000.	-0.1	Von Mises
Steel	344737.89	448159.26	-0.1	Von Mises
Tk-S235	235000.	360000.	-0.1	Von Mises

Table 15: Material Properties 03b - Concrete Data

Table 15: Material Properties 03b - Concrete Data				
Material	Fc	eFc	FinalSlope	CoupModType
	KN/m2	KN/m2		
HA-20	20000.	20000.	-0.1	Modified Darwin-Peck nold

Table 16: Material Properties 03e - Rebar Data

Table 16: Material Properties 03e - Rebar Data				
Material	Fy	Fu	FinalSlope	CoupModType
	KN/m2	KN/m2		
Rebar	413685.47	620528.21	-0.1	Von Mises

Table 17: Material Properties 03f - Tendon Data

Table 17: Material Properties 03f - Tendon Data				
Material	Fy	Fu	FinalSlope	CoupModType
	KN/m2	KN/m2		
Tendon	1689905.16	1861584.63	-0.1	Von Mises

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 18: Frame Section Properties 01 - General, Part 1 of 7

Table 18: Frame Section Properties 01 - General, Part 1 of 7							
SectionName	Material	Shape	t3	t2	FilletRadius	tf	tw
			m	m	m	m	m
BRD1	S355	Bridge Section					
BRD2	S355	Bridge Section					
BRD3	S355	Bridge Section					
BRD4	S355	Bridge Section					
BRD5	S355	Bridge Section					
BRD6	S355	Bridge Section					
BRD7	S355	Bridge Section					
FSEC1	Steel	I/Wide Flange	1.22	0.38	0.	0.05	0.025
FSEC2	Steel	Built Up I	1.22	0.38		0.05	0.025
FSEC3	HA-20	Rectangular	1.525	1.22			
Tk-HE500B	S355	I/Wide Flange	0.5	0.3	0.027	0.028	0.0145
Tk-IPE 120	Steel	I/Wide Flange	0.12	0.064	0.	0.0063	0.0044
Tk-L15X3	S355	Angle	0.015	0.015	0.004	0.003	0.003
Tk-TTtransversal Celosia	Tk-S235	Tee	0.15	0.1	0.	0.006	0.006
Tk-Viga0.8	S355	I/Wide Flange	0.8	0.3	0.	0.02	0.008
Tk-Viga0.9	S355	I/Wide Flange	0.9	0.3	0.	0.02	0.008

Table 18: Frame Section Properties 01 - General, Part 2 of 7

Table 18: Frame Section Properties 01 - General, Part 2 of 7		
SectionName	t2b	tfb
	m	m
BRD1		
BRD2		
BRD3		
BRD4		
BRD5		
BRD6		
BRD7		
FSEC1	0.38	0.05
FSEC2	0.38	0.05
FSEC3		
Tk-HE500B	0.3	0.028
Tk-IPE120	0.064	0.0063
Tk-L15X3		
Tk-TTtransversal Celosia		
Tk-Viga0.8	0.3	0.02
Tk-Viga0.9	0.3	0.02

Table 18: Frame Section Properties 01 - General, Part 3 of 7

Table 18: Frame Section Properties 01 - General, Part 3 of 7								
SectionName	S33Top m3	Area m2	S33Bot m3	TorsConst m4	S22Left m3	I33 m4	I22 m4	S22Right m3
BRD1	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
BRD2	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
BRD3	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
BRD4	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326

Table 18: Frame Section Properties 01 - General, Part 3 of 7								
SectionName	S33Top m3	Area m2	S33Bot m3	TorsConst m4	S22Left m3	I33 m4	I22 m4	S22Right m3
BRD5	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
BRD6	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
BRD7	0.019222	0.04916	0.01146	6.971E-06	0.013326	0.005815	0.013326	0.013326
FSEC1	0.02613	0.066	0.02613	0.000035	0.002414	0.015939	0.000459	0.002414
FSEC2	0.02613	0.066	0.02613	0.000035	0.002414	0.015939	0.000459	0.002414
FSEC3	0.472877	1.8605	0.472877	0.473715	0.378302	0.360569	0.230764	0.378302
Tk-HE500B	0.004288	0.0239	0.004288	5.480E-06	0.000841	0.001072	0.000126	0.000841
Tk-IPE120	0.000051	0.001279	0.000051	1.298E-08	8.625E-06	3.063E-06	2.760E-07	8.625E-06
Tk-L15X3	1.465E-07	0.000083	3.196E-07	2.430E-10	3.196E-07	1.507E-09	1.507E-09	1.465E-07
Tk-TTtransversal Celosia	0.000074	0.001464	0.000034	1.735E-08	0.00001	3.487E-06	5.026E-07	0.00001
Tk-Viga0.8	0.005296	0.01808	0.005296	1.662E-06	0.0006	0.002118	0.00009	0.0006
Tk-Viga0.9	0.006106	0.01888	0.006106	1.679E-06	0.0006	0.002748	0.00009	0.0006

Table 18: Frame Section Properties 01 - General, Part 4 of 7

Table 18: Frame Section Properties 01 - General, Part 4 of 7			
SectionName	I23 m4	AS2 m2	AS3 m2
BRD1	0.	0.013021	0.008246
BRD2	0.	0.013021	0.008246
BRD3	0.	0.013021	0.008246
BRD4	0.	0.013021	0.008246
BRD5	0.	0.013021	0.008246
BRD6	0.	0.013021	0.008246
BRD7	0.	0.013021	0.008246
FSEC1	0.	0.0305	0.031667
FSEC2	0.	0.0305	0.031667
FSEC3	0.	1.550417	1.550417
Tk-HE500B	-1.084E-19	0.00725	0.014
Tk-IPE120	0.	0.000528	0.000672
Tk-L15X3	8.989E-10	0.000045	0.000045
Tk-TTtransversal Celosia	0.	0.0009	0.0005
Tk-Viga0.8	0.	0.0064	0.01
Tk-Viga0.9	0.	0.0072	0.01

Table 18: Frame Section Properties 01 - General, Part 5 of 7

Table 18: Frame Section Properties 01 - General, Part 5 of 7								
SectionName	CGOffset3 m	CGOffset2 m	Z33 m3	Z22 m3	EccV3 m	R33 m	Cw m6	R22 m
BRD1	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.	0.520646
BRD2	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.	0.520646
BRD3	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.	0.520646
BRD4	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.	0.520646
BRD5	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.	0.520646
BRD6	1.110E-15	0.102455	0.014323	0.02458	0.043876	0.343943	2.056E-11	0.520646
BRD7	1.110E-15	0.102455	0.014323	0.02458	0.	0.343943	0.000017	0.520646
FSEC1	0.	0.	0.03007	0.003785	0.	0.491433	0.000156	0.083369
FSEC2	0.	1.110E-16	0.03007	0.003785	0.	0.491433	0.	0.083369
FSEC3	0.	0.	0.709316	0.567453	0.	0.44023	0.	0.352184

Table 18: Frame Section Properties 01 - General, Part 5 of 7								
SectionName	CGOffset3 m	CGOffset2 m	Z33 m3	Z22 m3	EccV3 m	R33 m	Cw m6	R22 m
Tk-HE500B	2.776E-17	0.	0.004815	0.001292	0.	0.211787	7.018E-06	0.072666
Tk-IPE120	0.	0.	0.000059	0.000013	0.	0.048939	8.896E-10	0.014691
Tk-L15X3	0.002784	-0.002784	2.821E-07	2.821E-07	-0.002975	0.004268	3.691E-15	0.004268
Tk-TTtransversal Celosia	0.	0.027738	0.000061	0.000016	0.043876	0.048801	2.056E-11	0.018528
Tk-Viga0.8	0.	0.	0.005835	0.000912	0.	0.342286	0.000014	0.070567
Tk-Viga0.9	0.	0.	0.006759	0.000914	0.	0.381486	0.000017	0.069057

Table 18: Frame Section Properties 01 - General, Part 6 of 7

Table 18: Frame Section Properties 01 - General, Part 6 of 7								
SectionName	EccV2 m	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
BRD1	0.	1.	1.	1.	1.	1.	1.	1.
BRD2	0.	1.	1.	1.	1.	1.	1.	1.
BRD3	0.	1.	1.	1.	1.	1.	1.	1.
BRD4	0.	1.	1.	1.	1.	1.	1.	1.
BRD5	0.	1.	1.	1.	1.	1.	1.	1.
BRD6	0.	1.	1.	1.	1.	1.	1.	1.
BRD7	0.	1.	1.	1.	1.	1.	1.	1.
FSEC1	0.	1.	1.	1.	1.	1.	1.	1.
FSEC2	0.	1.	1.	1.	1.	1.	1.	1.
FSEC3	0.	1.	1.	1.	1.	1.	1.	1.
Tk-HE500B	0.	1.	1.	1.	1.	1.	1.	1.
Tk-IPE120	0.	1.	1.	1.	1.	1.	1.	1.
Tk-L15X3	0.002975	1.	1.	1.	1.	1.	1.	1.
Tk-TTtransversal Celosia	0.	1.	1.	1.	1.	1.	1.	1.
Tk-Viga0.8	0.	1.	1.	1.	1.	1.	1.	1.
Tk-Viga0.9	0.	1.	1.	1.	1.	1.	1.	1.

Table 18: Frame Section Properties 01 - General, Part 7 of 7

Table 18: Frame Section Properties 01 - General, Part 7 of 7	
SectionName	WMod
BRD1	1.
BRD2	1.
BRD3	1.
BRD4	1.
BRD5	1.
BRD6	1.
BRD7	1.
FSEC1	1.
FSEC2	1.
FSEC3	1.
Tk-HE500B	1.
Tk-IPE120	1.
Tk-L15X3	1.
Tk-TTtransversal Celosia	1.

Table 18: Frame Section Properties 01 - General, Part 7 of 7

SectionName	WMod
Tk-Viga0.8	1.
Tk-Viga0.9	1.

Table 19: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 19: Frame Section Properties 02 - Concrete Column, Part 1 of 2							
SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3D ir	NumBars2D ir
FSEC3	Rebar	Rebar	Rectangular	Ties	m 0.04	3	3

Table 19: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 19: Frame Section Properties 02 - Concrete Column, Part 2 of 2					
SectionName	BarSizeL	BarSizeC	SpacingC m	NumCBars2	NumCBars3
FSEC3	#9	#4	0.15	3	3

3.2. Areas

Table 20: Area Section Properties, Part 1 of 3

Table 20: Area Section Properties, Part 1 of 3							
Section	Material	AreaType	Type	DrillDOF	Thickness m	BendThick m	F11Mod
ASEC1	S355	Shell	Shell-Thin	Yes	0.25	0.25	1.

Table 20: Area Section Properties, Part 2 of 3

Table 20: Area Section Properties, Part 2 of 3							
Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.

Table 20: Area Section Properties, Part 3 of 3

Table 20: Area Section Properties, Part 3 of 3		
Section	MMod	WMod
ASEC1	1.	1.

3.3. Solids

Table 21: Solid Property Definitions

Table 21: Solid Property Definitions				
SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees
Solid1	HA-20	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 22: Load Pattern Definitions

Table 22: Load Pattern Definitions			
LoadPat	DesignType	SelfWMMult	AutoLoad
DEAD	Dead	1.	
Tk-Barandilla	Other	0.	
Tk-Tarima	Other	0.	
Haunch	Dead	0.	
SIPForm	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
ConcPour Permanent	Dead	0.	
ConcPour Temporary	Construction	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
Tk-PesoUnidad	Other	0.	
Tk-PesoUnidadLineal	Other	0.	
CargaPruebaCargaHipotesis1	Other	0.	
CargaPruebaCargaHipotesis2	Other	0.	
CargaPruebaCargaHipotesis3	Other	0.	

4.2. Vehicles

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 1 of 5

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 1 of 5							
VehName	FromLibrary	LibraryName	FitAxleFac	AxleFac	UnifFac	SupportMo	IntSupport
Tk-SobrecargaPeatonal5kNm2	No	User Defined	1.	1.	1.	Yes	Yes
Tk-CocheMotorizado	No	User Defined	1.	1.	1.	Yes	Yes

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 2 of 5

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 2 of 5							
VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		KN		m		KN	
Tk-SobrecargaPeatonal5kNm2	Yes	0.	One Point		No	0.	One Point
Tk-CocheMotorizado	Yes	0.	One Point		No	0.	One Point

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 3 of 5

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 3 of 5							
VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	m						m
Tk-SobrecargaPeatonal5kNm2		None	None	No		3	0.
Tk-CocheMotorizado		None	None	No		3	0.

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 4 of 5

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 4 of 5						
VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	m		m	m		
Tk-SobrecargaPeatonal5kNm2	0.	No	0.	0.		No
Tk-CocheMotorizado	0.	No	0.	0.		No

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 5 of 5

Table 23: Vehicles 2 - General Vehicles 1 - General, Part 5 of 5					
VehName	IgnoreVert	Centrifugal	Braking	NosingForce	DesignType
				KN	
Tk-SobrecargaPeatonal5kNm2	No	No	No	0.	Euro LoadModel1 Character
Tk-CocheMotorizado	No	No	No	0.	Euro LoadModel1 Character

Table 24: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 24: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2								
VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		KN/m		m	KN		m	m
Tk-SobrecargaPeatonal5kNm2	Leading Load	5.	Fixed Width	1.	0.	Fixed Width Line	1.	
Tk-SobrecargaPeatonal5kNm2	Fixed Length	5.	Fixed Width	1.	0.	Fixed Width Line	1.	1.2
Tk-SobrecargaPeatonal5kNm2	Trailing Load	5.	Fixed Width	1.				
Tk-CocheMotorizado	Leading Load	0.	Fixed Width	2.	100.	Two Points	2.	
Tk-CocheMotorizado	Fixed Length	0.	Fixed Width	2.	100.	Two Points	2.	1.2
Tk-CocheMotorizado	Trailing Load	0.	Fixed Width	2.				

Table 24: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 24: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2	
VehName	InterMaxD
	m
Tk-SobrecargaPeatonal5kNm2	
Tk-SobrecargaPeatonal5kNm2	
Tk-SobrecargaPeatonal5kNm2	
Tk-CocheMotorizado	
Tk-CocheMotorizado	
Tk-CocheMotorizado	

Table 25: Vehicles 4 - Vehicle Classes

Table 25: Vehicles 4 - Vehicle Classes		
VehClass	VehName	ScaleFactor
Tk-SobrecargaPeatonal5kNm2	Tk-SobrecargaPeatonal5kNm2	1.
Tk-CocheMotorizado	Tk-CocheMotorizado	1.

4.3. Bridge loading

Table 26: Bridge Load Definitions 02 - Line

Table 26: Bridge Load Definitions 02 - Line						
Name	Type	CoordSys	Dir	RefLoc	Dist m	FOverL KN/m
<Tk-Seccion >BL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.1143	5.11
<Tk-Seccion >BL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.1143	5.11
<Tk-Seccion >Sp1_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp1_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp2_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp2_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp3_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp3_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp4_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp4_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp5_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp5_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp6_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp6_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
<Tk-Seccion >Sp7_HL1	Force	GLOBAL	Gravity	Left Edge of Deck	0.5	0.12
<Tk-Seccion >Sp7_HL2	Force	GLOBAL	Gravity	Right Edge of Deck	0.5	0.12
Tk-Barandilla	Force	GLOBAL	Gravity	Left Edge of Deck	0.	1.
Tk-PesoUnid adLineal	Force	GLOBAL	Gravity	Left Edge of Deck	1.	1.

Table 27: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 27: Bridge Load Definitions 03 - Area, Part 1 of 2						
Name	Type	CoordSys	Dir	RefLocLft	DistLft m	RefLocRgt
<Tk-Seccion >ConcPourP erm	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
<Tk-Seccion >Sp1_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
<Tk-Seccion >Sp2_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
<Tk-Seccion >Sp3_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
<Tk-Seccion >Sp4_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck

Table 27: Bridge Load Definitions 03 - Area, Part 1 of 2						
Name	Type	CoordSys	Dir	RefLocLft	DistLft m	RefLocRgt
<Tk-Seccion >Sp5_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
<Tk-Seccion >Sp6_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
<Tk-Seccion >Sp7_SIPFL 1	Force	GLOBAL	Gravity	Left Edge of Deck	0.65	Left Edge of Deck
CargaUnidad	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Tk-PesoUnid adCompleto	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Tk-Tarima	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 27: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 27: Bridge Load Definitions 03 - Area, Part 2 of 2			
Name	DistRgt m	FOverL2Lft KN/m2	FOverL2Rgt KN/m2
<Tk-Seccion >ConcPourP erm	0.	0.32	0.32
<Tk-Seccion >Sp1_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp2_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp3_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp4_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp5_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp6_SIPFL 1	1.35	0.72	0.72
<Tk-Seccion >Sp7_SIPFL 1	1.35	0.72	0.72
CargaUnidad	0.	1.	1.
Tk-PesoUnid adCompleto	0.	1.	1.
Tk-Tarima	0.	1.	1.

5. Load cases

This section provides load case information.

5.1. Definitions

Table 28: Load Case Definitions, Part 1 of 2

Table 28: Load Case Definitions, Part 1 of 2						
Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCenter
DEAD	LinStatic		Zero			
MODAL	LinModal		Zero			
Tk-SobrecargaPeatonal	LinMoving	1.	Zero	0.		0.
Tk-PesoUnidad	LinStatic		Zero			
Tk-PesoUnidadLineal	LinStatic		Zero			
Tk-Barandilla	LinStatic		Zero			
Tk-Tarima	LinStatic		Zero			
Tk-VehiculoMotorizado	LinMoving	1.	Zero	0.		0.
CargaPruebaCargaHipotesis1	LinStatic		Zero			
CargaPruebaCargaHipotesis2	LinStatic		Zero			
CargaPruebaCargaHipotesis3	LinStatic		Zero			

Table 28: Load Case Definitions, Part 2 of 2

Table 28: Load Case Definitions, Part 2 of 2				
Case	BaseCase	DesActOpt	MassSource	DesignAct
DEAD		Prog Det		Non-Composite
MODAL		Prog Det		Other
Tk-SobrecargaPeatonal		Prog Det		Short-Term Composite
Tk-PesoUnidad		Prog Det		Other
Tk-PesoUnidadLineal		Prog Det		Other
Tk-Barandilla		Prog Det		Other
Tk-Tarima		Prog Det		Other
Tk-VehiculoMotorizado		Prog Det		Short-Term Composite
CargaPruebaCargaHipotesis1		Prog Det		Other
CargaPruebaCargaHipotesis2		Prog Det		Other
CargaPruebaCargaHipotesis3		Prog Det		Other

5.2. Static case load assignments

Table 29: Case - Static 1 - Load Assignments

Table 29: Case - Static 1 - Load Assignments			
Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1.
Tk-PesoUnidad	Load pattern	Tk-PesoUnidad	1.
Tk-PesoUnidadLineal	Load pattern	Tk-PesoUnidadLineal	1.
Tk-Barandilla	Load pattern	Tk-Barandilla	0.5
Tk-Tarima	Load pattern	Tk-Tarima	1.5
CargaPruebaCargaHipotesis1	Load pattern	CargaPruebaCargaHipotesis1	2.5
CargaPruebaCargaHipotesis2	Load pattern	CargaPruebaCargaHipotesis2	2.5
CargaPruebaCargaHipotesis3	Load pattern	CargaPruebaCargaHipotesis3	2.5

5.3. Response spectrum case load assignments

Table 30: Function - Response Spectrum - User

Table 30: Function - Response Spectrum - User			
Name	Period Sec	Accel	FuncDamp
UNIFRS	0.	1.	0.05
UNIFRS	1.	1.	

6. Load combinations

This section provides load combination information.

Table 31: Combination Definitions

Table 31: Combination Definitions			
ComboName	ComboType	CaseName	ScaleFactor
Tk-PesoPropioServicio	Linear Add	DEAD	1.
Tk-PesoPropioServicio		Tk-Barandilla	1.
Tk-PesoPropioServicio		Tk-Tarima	1.
Tk-PesoPropioServicio		Tk-SobrecargaPeatonal	0.
Tk-Servicio	Linear Add	DEAD	1.
Tk-Servicio		Tk-Barandilla	1.
Tk-Servicio		Tk-Tarima	1.
Tk-Servicio		Tk-SobrecargaPeatonal	1.
Tk-PesoPropioUltimo	Linear Add	DEAD	1.35

Table 31: Combination Definitions			
ComboName	ComboType	CaseName	ScaleFactor
Tk-PesoPropioÚltimo		Tk-Barandilla	1.35
Tk-PesoPropioÚltimo		Tk-Tarima	1.35
Tk-PesoPropioÚltimo		Tk-SobrecargaPeatonal	0.
Tk-Último	Linear Add	DEAD	1.35
Tk-Último		Tk-Barandilla	1.35
Tk-Último		Tk-Tarima	1.35
Tk-Último		Tk-SobrecargaPeatonal	1.35
Tk-PruebaCargaHipotesis1	Linear Add	DEAD	1.
Tk-PruebaCargaHipotesis1		Tk-Barandilla	1.
Tk-PruebaCargaHipotesis1		Tk-Tarima	1.
Tk-PruebaCargaHipotesis1		CargaPruebaCargaHipotesis1	1.
Tk-PruebaCargaHipotesis1		CargaPruebaCargaHipotesis2	0.
Tk-PruebaCargaHipotesis1		CargaPruebaCargaHipotesis3	0.
Tk-PruebaCargaHipotesis2	Linear Add	DEAD	1.
Tk-PruebaCargaHipotesis2		Tk-Barandilla	1.
Tk-PruebaCargaHipotesis2		Tk-Tarima	1.
Tk-PruebaCargaHipotesis2		CargaPruebaCargaHipotesis1	0.
Tk-PruebaCargaHipotesis2		CargaPruebaCargaHipotesis2	1.
Tk-PruebaCargaHipotesis2		CargaPruebaCargaHipotesis3	0.
Tk-PruebaCargaHipotesis3	Linear Add	DEAD	1.
Tk-PruebaCargaHipotesis3		Tk-Barandilla	1.
Tk-PruebaCargaHipotesis3		Tk-Tarima	1.
Tk-PruebaCargaHipotesis3		CargaPruebaCargaHipotesis1	0.
Tk-PruebaCargaHipotesis3		CargaPruebaCargaHipotesis2	0.
Tk-PruebaCargaHipotesis3		CargaPruebaCargaHipotesis3	1.
Tk-CombinacionFrecuente	Linear Add	DEAD	1.
Tk-CombinacionFrecuente		Tk-Barandilla	1.
Tk-CombinacionFrecuente		Tk-Tarima	1.
Tk-CombinacionFrecuente		Tk-SobrecargaPeatonal	0.4

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

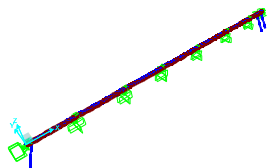


Figure 2: Deformed shape

7.1. Base reactions

Table 32: Base Reactions

Table 32: Base Reactions						
OutputCase	GlobalFX KN	GlobalFY KN	GlobalFZ KN	GlobalMX KN-m	GlobalMY KN-m	GlobalMZ KN-m
DEAD	4.066E-08	6.876E-10	489.734	1.277E-09	-33169.7517	5.426E-08
Tk-Barandilla	1.423E-08	-1.287E-08	65.74	65.74	-4321.7476	-7.416E-07
Tk-Tarima	3.524E-08	-2.302E-09	394.44	-4.704E-09	-25930.4856	-1.754E-07
CargaPruebaCargaHipotesis1	5.421E-08	1.841E-09	677.4	-5.052E-09	-45887.076	2.942E-07
CargaPruebaCargaHipotesis2	8.674E-08	2.143E-09	362.25	-3.057E-09	-24408.4763	2.779E-07
CargaPruebaCargaHipotesis3	-2.711E-08	-8.813E-10	315.15	-2.462E-09	-21478.5997	-5.530E-08

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 33: Joint Reactions

Table 33: Joint Reactions							
Joint	OutputCase	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
19	DEAD	11.17	0.	4.066E-08	0.	-2.033E-09	0.
19	Tk-Barandilla	4.888	0.	1.423E-08	0.	-7.115E-10	0.
19	Tk-Tarima	9.27	0.	3.524E-08	0.	-1.762E-09	0.
19	CargaPruebaCargaHipotesis1	15.451	0.	5.421E-08	0.	-2.711E-09	0.
19	CargaPruebaCargaHipotesis2	19.314	0.	8.674E-08	0.	-4.337E-09	0.
19	CargaPruebaCargaHipotesis3	-3.864	0.	-2.711E-08	0.	1.355E-09	0.
20	DEAD	11.171	-1.370E-10	-6.840E-16	0.	0.	-6.850E-12
20	Tk-Barandilla	-1.805	7.452E-09	1.105E-16	0.	0.	3.726E-10

Table 33: Joint Reactions

Joint	OutputCase	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
20	Tk-Tarima	9.272	1.137E-09	-5.677E-16	0.	0.	5.685E-11
20	CargaPruebaCar gaHipotesis1	15.453	5.302E-10	-9.463E-16	0.	0.	2.651E-11
20	CargaPruebaCar gaHipotesis2	19.324	2.288E-10	-1.183E-15	0.	0.	1.144E-11
20	CargaPruebaCar gaHipotesis3	-3.87	3.731E-10	2.370E-16	0.	0.	1.865E-11
1280	DEAD	9.123	-5.506E-10	-5.586E-16	0.	0.	-2.753E-11
1280	Tk-Barandilla	1.519	5.421E-09	-9.299E-17	0.	0.	2.711E-10
1280	Tk-Tarima	2.624	1.165E-09	-1.607E-16	0.	0.	5.823E-11
1280	CargaPruebaCar gaHipotesis1	12.643	-2.372E-09	-7.742E-16	0.	0.	-1.186E-10
1280	CargaPruebaCar gaHipotesis2	17.058	-2.372E-09	-1.045E-15	0.	0.	-1.186E-10
1280	CargaPruebaCar gaHipotesis3	-4.415	5.082E-10	2.703E-16	0.	0.	2.541E-11
1281	DEAD	9.122	0.	-5.586E-16	0.	0.	0.
1281	Tk-Barandilla	-0.651	0.	3.989E-17	0.	0.	0.
1281	Tk-Tarima	2.624	0.	-1.607E-16	0.	0.	0.
1281	CargaPruebaCar gaHipotesis1	12.643	0.	-7.741E-16	0.	0.	0.
1281	CargaPruebaCar gaHipotesis2	17.052	0.	-1.044E-15	0.	0.	0.
1281	CargaPruebaCar gaHipotesis3	-4.409	0.	2.700E-16	0.	0.	0.
1297	DEAD	0.	0.	38.417	0.	0.	0.
1297	Tk-Barandilla	0.	0.	15.616	0.	0.	0.
1297	Tk-Tarima	0.	0.	31.871	0.	0.	0.
1297	CargaPruebaCar gaHipotesis1	0.	0.	53.117	0.	0.	0.
1297	CargaPruebaCar gaHipotesis2	0.	0.	21.862	0.	0.	0.
1297	CargaPruebaCar gaHipotesis3	0.	0.	31.255	0.	0.	0.
1299	DEAD	0.	0.	38.414	0.	0.	0.
1299	Tk-Barandilla	0.	0.	-4.984	0.	0.	0.
1299	Tk-Tarima	0.	0.	31.87	0.	0.	0.
1299	CargaPruebaCar gaHipotesis1	0.	0.	53.115	0.	0.	0.
1299	CargaPruebaCar gaHipotesis2	0.	0.	21.845	0.	0.	0.
1299	CargaPruebaCar gaHipotesis3	0.	0.	31.27	0.	0.	0.
1301	DEAD	0.	0.	35.915	0.	0.	0.
1301	Tk-Barandilla	0.	0.	15.008	0.	0.	0.
1301	Tk-Tarima	0.	0.	29.81	0.	0.	0.
1301	CargaPruebaCar gaHipotesis1	0.	0.	49.689	0.	0.	0.
1301	CargaPruebaCar gaHipotesis2	0.	0.	25.519	0.	0.	0.
1301	CargaPruebaCar gaHipotesis3	0.	0.	24.17	0.	0.	0.
1303	DEAD	0.	0.	35.913	0.	0.	0.
1303	Tk-Barandilla	0.	0.	-5.073	0.	0.	0.
1303	Tk-Tarima	0.	0.	29.808	0.	0.	0.
1303	CargaPruebaCar gaHipotesis1	0.	0.	49.686	0.	0.	0.

Table 33: Joint Reactions

Joint	OutputCase	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
1303	CargaPruebaCar gaHipotesis2	0.	0.	25.536	0.	0.	0.
1303	CargaPruebaCar gaHipotesis3	0.	0.	24.151	0.	0.	0.
1305	DEAD	0.	0.	37.38	0.	0.	0.
1305	Tk-Barandilla	0.	0.	15.567	0.	0.	0.
1305	Tk-Tarima	0.	0.	31.031	0.	0.	0.
1305	CargaPruebaCar gaHipotesis1	0.	0.	51.698	0.	0.	0.
1305	CargaPruebaCar gaHipotesis2	0.	0.	22.683	0.	0.	0.
1305	CargaPruebaCar gaHipotesis3	0.	0.	29.015	0.	0.	0.
1307	DEAD	0.	0.	37.382	0.	0.	0.
1307	Tk-Barandilla	0.	0.	-5.223	0.	0.	0.
1307	Tk-Tarima	0.	0.	31.033	0.	0.	0.
1307	CargaPruebaCar gaHipotesis1	0.	0.	51.701	0.	0.	0.
1307	CargaPruebaCar gaHipotesis2	0.	0.	22.665	0.	0.	0.
1307	CargaPruebaCar gaHipotesis3	0.	0.	29.036	0.	0.	0.
1309	DEAD	0.	0.	41.57	0.	0.	0.
1309	Tk-Barandilla	0.	0.	17.064	0.	0.	0.
1309	Tk-Tarima	0.	0.	34.433	0.	0.	0.
1309	CargaPruebaCar gaHipotesis1	0.	0.	57.463	0.	0.	0.
1309	CargaPruebaCar gaHipotesis2	0.	0.	28.262	0.	0.	0.
1309	CargaPruebaCar gaHipotesis3	0.	0.	29.201	0.	0.	0.
1311	DEAD	0.	0.	41.569	0.	0.	0.
1311	Tk-Barandilla	0.	0.	-5.586	0.	0.	0.
1311	Tk-Tarima	0.	0.	34.433	0.	0.	0.
1311	CargaPruebaCar gaHipotesis1	0.	0.	57.462	0.	0.	0.
1311	CargaPruebaCar gaHipotesis2	0.	0.	28.28	0.	0.	0.
1311	CargaPruebaCar gaHipotesis3	0.	0.	29.182	0.	0.	0.
1313	DEAD	0.	0.	38.344	0.	0.	0.
1313	Tk-Barandilla	0.	0.	15.966	0.	0.	0.
1313	Tk-Tarima	0.	0.	32.016	0.	0.	0.
1313	CargaPruebaCar gaHipotesis1	0.	0.	53.034	0.	0.	0.
1313	CargaPruebaCar gaHipotesis2	0.	0.	31.564	0.	0.	0.
1313	CargaPruebaCar gaHipotesis3	0.	0.	21.471	0.	0.	0.
1315	DEAD	0.	0.	38.343	0.	0.	0.
1315	Tk-Barandilla	0.	0.	-5.295	0.	0.	0.
1315	Tk-Tarima	0.	0.	32.016	0.	0.	0.
1315	CargaPruebaCar gaHipotesis1	0.	0.	53.034	0.	0.	0.
1315	CargaPruebaCar gaHipotesis2	0.	0.	31.547	0.	0.	0.
1315	CargaPruebaCar gaHipotesis3	0.	0.	21.487	0.	0.	0.

Table 33: Joint Reactions							
Joint	OutputCase	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
1317	DEAD	0.	0.	32.949	0.	0.	0.
1317	Tk-Barandilla	0.	0.	12.983	0.	0.	0.
1317	Tk-Tarima	0.	0.	26.165	0.	0.	0.
1317	CargaPruebaCar gaHipotesis1	0.	0.	45.606	0.	0.	0.
1317	CargaPruebaCar gaHipotesis2	0.	0.	14.863	0.	0.	0.
1317	CargaPruebaCar gaHipotesis3	0.	0.	30.742	0.	0.	0.
1319	DEAD	0.	0.	32.953	0.	0.	0.
1319	Tk-Barandilla	0.	0.	-4.253	0.	0.	0.
1319	Tk-Tarima	0.	0.	26.164	0.	0.	0.
1319	CargaPruebaCar gaHipotesis1	0.	0.	45.606	0.	0.	0.
1319	CargaPruebaCar gaHipotesis2	0.	0.	14.877	0.	0.	0.
1319	CargaPruebaCar gaHipotesis3	0.	0.	30.729	0.	0.	0.

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 34: Bridge Object Forces, Part 1 of 3

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	1	0.	After	DEAD	LinStatic	-4.145E-08	-22.318	-2.459E-12
Tk-ObjetoPu ente	2	0.93056	Before	DEAD	LinStatic	-4.145E-08	-19.012	-2.520E-12
Tk-ObjetoPu ente	3	0.93056	After	DEAD	LinStatic	-4.145E-08	-19.012	-2.493E-12
Tk-ObjetoPu ente	4	1.86111	Before	DEAD	LinStatic	-4.145E-08	-15.705	-2.482E-12
Tk-ObjetoPu ente	5	1.86111	After	DEAD	LinStatic	0.133	-15.572	0.071
Tk-ObjetoPu ente	6	2.79167	Before	DEAD	LinStatic	0.133	-12.266	0.071
Tk-ObjetoPu ente	7	2.79167	After	DEAD	LinStatic	0.133	-12.266	0.071
Tk-ObjetoPu ente	8	3.72222	Before	DEAD	LinStatic	0.133	-8.96	0.071
Tk-ObjetoPu ente	9	3.72222	After	DEAD	LinStatic	0.178	-8.834	0.096
Tk-ObjetoPu ente	10	4.65278	Before	DEAD	LinStatic	0.178	-5.527	0.096
Tk-ObjetoPu ente	11	4.65278	After	DEAD	LinStatic	0.178	-5.527	0.096
Tk-ObjetoPu ente	12	5.58333	Before	DEAD	LinStatic	0.178	-2.221	0.096
Tk-ObjetoPu ente	13	5.58333	After	DEAD	LinStatic	0.19	-2.095	0.102

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	14	6.51389	Before	DEAD	LinStatic	0.19	1.212	0.102
Tk-ObjetoPu ente	15	6.51389	After	DEAD	LinStatic	0.19	1.212	0.102
Tk-ObjetoPu ente	16	7.44444	Before	DEAD	LinStatic	0.19	4.518	0.102
Tk-ObjetoPu ente	17	7.44444	After	DEAD	LinStatic	0.166	4.644	0.089
Tk-ObjetoPu ente	18	8.375	Before	DEAD	LinStatic	0.166	7.95	0.089
Tk-ObjetoPu ente	19	8.375	After	DEAD	LinStatic	0.166	7.95	0.089
Tk-ObjetoPu ente	20	9.30556	Before	DEAD	LinStatic	0.166	11.257	0.089
Tk-ObjetoPu ente	21	9.30556	After	DEAD	LinStatic	0.108	11.383	0.058
Tk-ObjetoPu ente	22	10.23612	Before	DEAD	LinStatic	0.108	14.689	0.058
Tk-ObjetoPu ente	23	10.23612	After	DEAD	LinStatic	0.108	14.689	0.058
Tk-ObjetoPu ente	24	11.16667	Before	DEAD	LinStatic	0.108	17.995	0.058
Tk-ObjetoPu ente	25	11.16667	After	DEAD	LinStatic	0.016	18.122	8.512E-03
Tk-ObjetoPu ente	26	12.09723	Before	DEAD	LinStatic	0.016	21.428	8.512E-03
Tk-ObjetoPu ente	27	12.09723	After	DEAD	LinStatic	0.016	21.428	8.512E-03
Tk-ObjetoPu ente	28	13.02778	Before	DEAD	LinStatic	0.016	24.734	8.512E-03
Tk-ObjetoPu ente	29	13.02778	After	DEAD	LinStatic	-0.111	24.86	-0.059
Tk-ObjetoPu ente	30	13.95834	Before	DEAD	LinStatic	-0.111	28.167	-0.059
Tk-ObjetoPu ente	31	13.95834	After	DEAD	LinStatic	-0.111	28.167	-0.059
Tk-ObjetoPu ente	32	14.88889	Before	DEAD	LinStatic	-0.111	31.473	-0.059
Tk-ObjetoPu ente	33	14.88889	After	DEAD	LinStatic	-0.274	31.599	-0.147
Tk-ObjetoPu ente	34	15.81945	Before	DEAD	LinStatic	-0.274	34.905	-0.147
Tk-ObjetoPu ente	35	15.81945	After	DEAD	LinStatic	-0.274	34.905	-0.147
Tk-ObjetoPu ente	36	16.75	Before	DEAD	LinStatic	-0.274	38.212	-0.147
Tk-ObjetoPu ente	37	16.75	After	DEAD	LinStatic	-0.276	-38.584	-0.145
Tk-ObjetoPu ente	38	17.70455	Before	DEAD	LinStatic	-0.276	-35.192	-0.145
Tk-ObjetoPu ente	39	17.70455	After	DEAD	LinStatic	-0.276	-35.192	-0.145
Tk-ObjetoPu ente	40	18.65909	Before	DEAD	LinStatic	-0.276	-31.801	-0.145
Tk-ObjetoPu ente	41	18.65909	After	DEAD	LinStatic	-0.104	-31.674	-0.055
Tk-ObjetoPu ente	42	19.61364	Before	DEAD	LinStatic	-0.104	-28.283	-0.055
Tk-ObjetoPu ente	43	19.61364	After	DEAD	LinStatic	-0.104	-28.283	-0.055

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	44	20.56818	Before	DEAD	LinStatic	-0.104	-24.891	-0.055
Tk-ObjetoPu ente	45	20.56818	After	DEAD	LinStatic	0.028	-24.765	0.015
Tk-ObjetoPu ente	46	21.52273	Before	DEAD	LinStatic	0.028	-21.373	0.015
Tk-ObjetoPu ente	47	21.52273	After	DEAD	LinStatic	0.028	-21.373	0.015
Tk-ObjetoPu ente	48	22.47727	Before	DEAD	LinStatic	0.028	-17.982	0.015
Tk-ObjetoPu ente	49	22.47727	After	DEAD	LinStatic	0.124	-17.855	0.065
Tk-ObjetoPu ente	50	23.43182	Before	DEAD	LinStatic	0.124	-14.464	0.065
Tk-ObjetoPu ente	51	23.43182	After	DEAD	LinStatic	0.124	-14.464	0.065
Tk-ObjetoPu ente	52	24.38636	Before	DEAD	LinStatic	0.124	-11.072	0.065
Tk-ObjetoPu ente	53	24.38636	After	DEAD	LinStatic	0.183	-10.946	0.096
Tk-ObjetoPu ente	54	25.34091	Before	DEAD	LinStatic	0.183	-7.554	0.096
Tk-ObjetoPu ente	55	25.34091	After	DEAD	LinStatic	0.183	-7.554	0.096
Tk-ObjetoPu ente	56	26.29545	Before	DEAD	LinStatic	0.183	-4.163	0.096
Tk-ObjetoPu ente	57	26.29545	After	DEAD	LinStatic	0.205	-4.036	0.107
Tk-ObjetoPu ente	58	27.25	Before	DEAD	LinStatic	0.205	-0.645	0.107
Tk-ObjetoPu ente	59	27.25	After	DEAD	LinStatic	0.205	-0.645	0.107
Tk-ObjetoPu ente	60	28.20455	Before	DEAD	LinStatic	0.205	2.747	0.107
Tk-ObjetoPu ente	61	28.20455	After	DEAD	LinStatic	0.19	2.873	0.1
Tk-ObjetoPu ente	62	29.1591	Before	DEAD	LinStatic	0.19	6.265	0.1
Tk-ObjetoPu ente	63	29.1591	After	DEAD	LinStatic	0.19	6.265	0.1
Tk-ObjetoPu ente	64	30.11364	Before	DEAD	LinStatic	0.19	9.656	0.1
Tk-ObjetoPu ente	65	30.11364	After	DEAD	LinStatic	0.138	9.783	0.072
Tk-ObjetoPu ente	66	31.06819	Before	DEAD	LinStatic	0.138	13.174	0.072
Tk-ObjetoPu ente	67	31.06819	After	DEAD	LinStatic	0.138	13.174	0.072
Tk-ObjetoPu ente	68	32.02273	Before	DEAD	LinStatic	0.138	16.566	0.072
Tk-ObjetoPu ente	69	32.02273	After	DEAD	LinStatic	0.049	16.692	0.026
Tk-ObjetoPu ente	70	32.97728	Before	DEAD	LinStatic	0.049	20.084	0.026
Tk-ObjetoPu ente	71	32.97728	After	DEAD	LinStatic	0.049	20.084	0.026
Tk-ObjetoPu ente	72	33.93182	Before	DEAD	LinStatic	0.049	23.475	0.026
Tk-ObjetoPu ente	73	33.93182	After	DEAD	LinStatic	-0.077	23.602	-0.04

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	74	34.88637	Before	DEAD	LinStatic	-0.077	26.993	-0.04
Tk-ObjetoPu ente	75	34.88637	After	DEAD	LinStatic	-0.077	26.993	-0.04
Tk-ObjetoPu ente	76	35.84091	Before	DEAD	LinStatic	-0.077	30.385	-0.04
Tk-ObjetoPu ente	77	35.84091	After	DEAD	LinStatic	-0.242	30.511	-0.127
Tk-ObjetoPu ente	78	36.79546	Before	DEAD	LinStatic	-0.242	33.903	-0.127
Tk-ObjetoPu ente	79	36.79546	After	DEAD	LinStatic	-0.242	33.903	-0.127
Tk-ObjetoPu ente	80	37.75	Before	DEAD	LinStatic	-0.242	37.294	-0.127
Tk-ObjetoPu ente	81	37.75	After	DEAD	LinStatic	-0.251	-34.497	-0.129
Tk-ObjetoPu ente	82	38.72	Before	DEAD	LinStatic	-0.251	-31.05	-0.129
Tk-ObjetoPu ente	83	38.72	After	DEAD	LinStatic	-0.251	-31.05	-0.129
Tk-ObjetoPu ente	84	39.69	Before	DEAD	LinStatic	-0.251	-27.604	-0.129
Tk-ObjetoPu ente	85	39.69	After	DEAD	LinStatic	-0.098	-27.477	-0.05
Tk-ObjetoPu ente	86	40.66	Before	DEAD	LinStatic	-0.098	-24.031	-0.05
Tk-ObjetoPu ente	87	40.66	After	DEAD	LinStatic	-0.098	-24.031	-0.05
Tk-ObjetoPu ente	88	41.63	Before	DEAD	LinStatic	-0.098	-20.584	-0.05
Tk-ObjetoPu ente	89	41.63	After	DEAD	LinStatic	0.015	-20.458	7.924E-03
Tk-ObjetoPu ente	90	42.6	Before	DEAD	LinStatic	0.015	-17.011	7.924E-03
Tk-ObjetoPu ente	91	42.6	After	DEAD	LinStatic	0.015	-17.011	7.924E-03
Tk-ObjetoPu ente	92	43.57	Before	DEAD	LinStatic	0.015	-13.565	7.924E-03
Tk-ObjetoPu ente	93	43.57	After	DEAD	LinStatic	0.09	-13.438	0.046
Tk-ObjetoPu ente	94	44.54	Before	DEAD	LinStatic	0.09	-9.992	0.046
Tk-ObjetoPu ente	95	44.54	After	DEAD	LinStatic	0.09	-9.992	0.046
Tk-ObjetoPu ente	96	45.51	Before	DEAD	LinStatic	0.09	-6.545	0.046
Tk-ObjetoPu ente	97	45.51	After	DEAD	LinStatic	0.125	-6.419	0.065
Tk-ObjetoPu ente	98	46.48	Before	DEAD	LinStatic	0.125	-2.972	0.065
Tk-ObjetoPu ente	99	46.48	After	DEAD	LinStatic	0.125	-2.972	0.065
Tk-ObjetoPu ente	100	47.45	Before	DEAD	LinStatic	0.125	0.474	0.065
Tk-ObjetoPu ente	101	47.45	After	DEAD	LinStatic	0.122	0.601	0.063
Tk-ObjetoPu ente	102	48.42	Before	DEAD	LinStatic	0.122	4.047	0.063
Tk-ObjetoPu ente	103	48.42	After	DEAD	LinStatic	0.122	4.047	0.063

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	104	49.39	Before	DEAD	LinStatic	0.122	7.494	0.063
Tk-ObjetoPu ente	105	49.39	After	DEAD	LinStatic	0.081	7.62	0.042
Tk-ObjetoPu ente	106	50.36	Before	DEAD	LinStatic	0.081	11.067	0.042
Tk-ObjetoPu ente	107	50.36	After	DEAD	LinStatic	0.081	11.067	0.042
Tk-ObjetoPu ente	108	51.33	Before	DEAD	LinStatic	0.081	14.513	0.042
Tk-ObjetoPu ente	109	51.33	After	DEAD	LinStatic	5.536E-04	14.64	2.758E-04
Tk-ObjetoPu ente	110	52.3	Before	DEAD	LinStatic	5.536E-04	18.086	2.758E-04
Tk-ObjetoPu ente	111	52.3	After	DEAD	LinStatic	5.536E-04	18.086	2.758E-04
Tk-ObjetoPu ente	112	53.27	Before	DEAD	LinStatic	5.536E-04	21.533	2.758E-04
Tk-ObjetoPu ente	113	53.27	After	DEAD	LinStatic	-0.118	21.659	-0.061
Tk-ObjetoPu ente	114	54.24	Before	DEAD	LinStatic	-0.118	25.106	-0.061
Tk-ObjetoPu ente	115	54.24	After	DEAD	LinStatic	-0.118	25.106	-0.061
Tk-ObjetoPu ente	116	55.21	Before	DEAD	LinStatic	-0.118	28.552	-0.061
Tk-ObjetoPu ente	117	55.21	After	DEAD	LinStatic	-0.278	28.679	-0.143
Tk-ObjetoPu ente	118	56.18	Before	DEAD	LinStatic	-0.278	32.125	-0.143
Tk-ObjetoPu ente	119	56.18	After	DEAD	LinStatic	-0.278	32.125	-0.143
Tk-ObjetoPu ente	120	57.15	Before	DEAD	LinStatic	-0.278	35.572	-0.143
Tk-ObjetoPu ente	121	57.15	After	DEAD	LinStatic	-0.263	-39.153	-0.141
Tk-ObjetoPu ente	122	58.0825	Before	DEAD	LinStatic	-0.263	-35.84	-0.141
Tk-ObjetoPu ente	123	58.0825	After	DEAD	LinStatic	-0.263	-35.84	-0.141
Tk-ObjetoPu ente	124	59.015	Before	DEAD	LinStatic	-0.263	-32.527	-0.141
Tk-ObjetoPu ente	125	59.015	After	DEAD	LinStatic	-0.095	-32.401	-0.051
Tk-ObjetoPu ente	126	59.9475	Before	DEAD	LinStatic	-0.095	-29.088	-0.051
Tk-ObjetoPu ente	127	59.9475	After	DEAD	LinStatic	-0.095	-29.088	-0.051
Tk-ObjetoPu ente	128	60.88	Before	DEAD	LinStatic	-0.095	-25.774	-0.051
Tk-ObjetoPu ente	129	60.88	After	DEAD	LinStatic	0.037	-25.648	0.02
Tk-ObjetoPu ente	130	61.8125	Before	DEAD	LinStatic	0.037	-22.335	0.02
Tk-ObjetoPu ente	131	61.8125	After	DEAD	LinStatic	0.037	-22.335	0.02
Tk-ObjetoPu ente	132	62.745	Before	DEAD	LinStatic	0.037	-19.022	0.02
Tk-ObjetoPu ente	133	62.745	After	DEAD	LinStatic	0.134	-18.896	0.072

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	134	63.6775	Before	DEAD	LinStatic	0.134	-15.582	0.072
Tk-ObjetoPu ente	135	63.6775	After	DEAD	LinStatic	0.134	-15.582	0.072
Tk-ObjetoPu ente	136	64.61	Before	DEAD	LinStatic	0.134	-12.269	0.072
Tk-ObjetoPu ente	137	64.61	After	DEAD	LinStatic	0.197	-12.143	0.106
Tk-ObjetoPu ente	138	65.5425	Before	DEAD	LinStatic	0.197	-8.83	0.106
Tk-ObjetoPu ente	139	65.5425	After	DEAD	LinStatic	0.197	-8.83	0.106
Tk-ObjetoPu ente	140	66.475	Before	DEAD	LinStatic	0.197	-5.517	0.106
Tk-ObjetoPu ente	141	66.475	After	DEAD	LinStatic	0.225	-5.39	0.121
Tk-ObjetoPu ente	142	67.4075	Before	DEAD	LinStatic	0.225	-2.077	0.121
Tk-ObjetoPu ente	143	67.4075	After	DEAD	LinStatic	0.225	-2.077	0.121
Tk-ObjetoPu ente	144	68.34	Before	DEAD	LinStatic	0.225	1.236	0.121
Tk-ObjetoPu ente	145	68.34	After	DEAD	LinStatic	0.218	1.362	0.117
Tk-ObjetoPu ente	146	69.2725	Before	DEAD	LinStatic	0.218	4.676	0.117
Tk-ObjetoPu ente	147	69.2725	After	DEAD	LinStatic	0.218	4.676	0.117
Tk-ObjetoPu ente	148	70.205	Before	DEAD	LinStatic	0.218	7.989	0.117
Tk-ObjetoPu ente	149	70.205	After	DEAD	LinStatic	0.177	8.115	0.095
Tk-ObjetoPu ente	150	71.1375	Before	DEAD	LinStatic	0.177	11.428	0.095
Tk-ObjetoPu ente	151	71.1375	After	DEAD	LinStatic	0.177	11.428	0.095
Tk-ObjetoPu ente	152	72.07	Before	DEAD	LinStatic	0.177	14.741	0.095
Tk-ObjetoPu ente	153	72.07	After	DEAD	LinStatic	0.101	14.868	0.054
Tk-ObjetoPu ente	154	73.0025	Before	DEAD	LinStatic	0.101	18.181	0.054
Tk-ObjetoPu ente	155	73.0025	After	DEAD	LinStatic	0.101	18.181	0.054
Tk-ObjetoPu ente	156	73.935	Before	DEAD	LinStatic	0.101	21.494	0.054
Tk-ObjetoPu ente	157	73.935	After	DEAD	LinStatic	-9.576E-03	21.62	-5.148E-03
Tk-ObjetoPu ente	158	74.8675	Before	DEAD	LinStatic	-9.576E-03	24.933	-5.148E-03
Tk-ObjetoPu ente	159	74.8675	After	DEAD	LinStatic	-9.576E-03	24.933	-5.148E-03
Tk-ObjetoPu ente	160	75.8	Before	DEAD	LinStatic	-9.576E-03	28.247	-5.148E-03
Tk-ObjetoPu ente	161	75.8	After	DEAD	LinStatic	-0.155	28.373	-0.083
Tk-ObjetoPu ente	162	76.7325	Before	DEAD	LinStatic	-0.155	31.686	-0.083
Tk-ObjetoPu ente	163	76.7325	After	DEAD	LinStatic	-0.155	31.686	-0.083

9. Bridge object forces

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Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	164	77.665	Before	DEAD	LinStatic	-0.155	34.999	-0.083
Tk-ObjetoPu ente	165	77.665	After	DEAD	LinStatic	-0.336	35.125	-0.18
Tk-ObjetoPu ente	166	78.5975	Before	DEAD	LinStatic	-0.336	38.439	-0.18
Tk-ObjetoPu ente	167	78.5975	After	DEAD	LinStatic	-0.336	38.439	-0.18
Tk-ObjetoPu ente	168	79.53	Before	DEAD	LinStatic	-0.336	41.752	-0.18
Tk-ObjetoPu ente	169	79.53	After	DEAD	LinStatic	-0.337	-41.352	-0.181
Tk-ObjetoPu ente	170	80.45917	Before	DEAD	LinStatic	-0.337	-38.05	-0.181
Tk-ObjetoPu ente	171	80.45917	After	DEAD	LinStatic	-0.337	-38.05	-0.181
Tk-ObjetoPu ente	172	81.38833	Before	DEAD	LinStatic	-0.337	-34.749	-0.181
Tk-ObjetoPu ente	173	81.38833	After	DEAD	LinStatic	-0.158	-34.623	-0.085
Tk-ObjetoPu ente	174	82.3175	Before	DEAD	LinStatic	-0.158	-31.321	-0.085
Tk-ObjetoPu ente	175	82.3175	After	DEAD	LinStatic	-0.158	-31.321	-0.085
Tk-ObjetoPu ente	176	83.24667	Before	DEAD	LinStatic	-0.158	-28.02	-0.085
Tk-ObjetoPu ente	177	83.24667	After	DEAD	LinStatic	-0.016	-27.894	-8.492E-03
Tk-ObjetoPu ente	178	84.17584	Before	DEAD	LinStatic	-0.016	-24.592	-8.492E-03
Tk-ObjetoPu ente	179	84.17584	After	DEAD	LinStatic	-0.016	-24.592	-8.492E-03
Tk-ObjetoPu ente	180	85.105	Before	DEAD	LinStatic	-0.016	-21.291	-8.492E-03
Tk-ObjetoPu ente	181	85.105	After	DEAD	LinStatic	0.092	-21.165	0.05
Tk-ObjetoPu ente	182	86.03417	Before	DEAD	LinStatic	0.092	-17.864	0.05
Tk-ObjetoPu ente	183	86.03417	After	DEAD	LinStatic	0.092	-17.864	0.05
Tk-ObjetoPu ente	184	86.96333	Before	DEAD	LinStatic	0.092	-14.562	0.05
Tk-ObjetoPu ente	185	86.96333	After	DEAD	LinStatic	0.166	-14.436	0.09
Tk-ObjetoPu ente	186	87.8925	Before	DEAD	LinStatic	0.166	-11.135	0.09
Tk-ObjetoPu ente	187	87.8925	After	DEAD	LinStatic	0.166	-11.135	0.09
Tk-ObjetoPu ente	188	88.82167	Before	DEAD	LinStatic	0.166	-7.833	0.09
Tk-ObjetoPu ente	189	88.82167	After	DEAD	LinStatic	0.206	-7.707	0.111
Tk-ObjetoPu ente	190	89.75084	Before	DEAD	LinStatic	0.206	-4.406	0.111
Tk-ObjetoPu ente	191	89.75084	After	DEAD	LinStatic	0.206	-4.406	0.111
Tk-ObjetoPu ente	192	90.68	Before	DEAD	LinStatic	0.206	-1.104	0.111
Tk-ObjetoPu ente	193	90.68	After	DEAD	LinStatic	0.211	-0.978	0.114

9. Bridge object forces

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Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	194	91.60917	Before	DEAD	LinStatic	0.211	2.323	0.114
Tk-ObjetoPu ente	195	91.60917	After	DEAD	LinStatic	0.211	2.323	0.114
Tk-ObjetoPu ente	196	92.53833	Before	DEAD	LinStatic	0.211	5.625	0.114
Tk-ObjetoPu ente	197	92.53833	After	DEAD	LinStatic	0.182	5.751	0.098
Tk-ObjetoPu ente	198	93.4675	Before	DEAD	LinStatic	0.182	9.052	0.098
Tk-ObjetoPu ente	199	93.4675	After	DEAD	LinStatic	0.182	9.052	0.098
Tk-ObjetoPu ente	200	94.39667	Before	DEAD	LinStatic	0.182	12.353	0.098
Tk-ObjetoPu ente	201	94.39667	After	DEAD	LinStatic	0.119	12.48	0.064
Tk-ObjetoPu ente	202	95.32584	Before	DEAD	LinStatic	0.119	15.781	0.064
Tk-ObjetoPu ente	203	95.32584	After	DEAD	LinStatic	0.119	15.781	0.064
Tk-ObjetoPu ente	204	96.255	Before	DEAD	LinStatic	0.119	19.082	0.064
Tk-ObjetoPu ente	205	96.255	After	DEAD	LinStatic	0.021	19.209	0.011
Tk-ObjetoPu ente	206	97.18417	Before	DEAD	LinStatic	0.021	22.51	0.011
Tk-ObjetoPu ente	207	97.18417	After	DEAD	LinStatic	0.021	22.51	0.011
Tk-ObjetoPu ente	208	98.11333	Before	DEAD	LinStatic	0.021	25.811	0.011
Tk-ObjetoPu ente	209	98.11333	After	DEAD	LinStatic	-0.11	25.937	-0.059
Tk-ObjetoPu ente	210	99.0425	Before	DEAD	LinStatic	-0.11	29.239	-0.059
Tk-ObjetoPu ente	211	99.0425	After	DEAD	LinStatic	-0.11	29.239	-0.059
Tk-ObjetoPu ente	212	99.97167	Before	DEAD	LinStatic	-0.11	32.54	-0.059
Tk-ObjetoPu ente	213	99.97167	After	DEAD	LinStatic	-0.278	32.666	-0.15
Tk-ObjetoPu ente	214	100.90084	Before	DEAD	LinStatic	-0.278	35.968	-0.15
Tk-ObjetoPu ente	215	100.90084	After	DEAD	LinStatic	-0.278	35.968	-0.15
Tk-ObjetoPu ente	216	101.83	Before	DEAD	LinStatic	-0.278	39.269	-0.15
Tk-ObjetoPu ente	217	101.83	After	DEAD	LinStatic	-0.291	-37.382	-0.148
Tk-ObjetoPu ente	218	102.8125	Before	DEAD	LinStatic	-0.291	-33.892	-0.148
Tk-ObjetoPu ente	219	102.8125	After	DEAD	LinStatic	-0.291	-33.892	-0.148
Tk-ObjetoPu ente	220	103.795	Before	DEAD	LinStatic	-0.291	-30.401	-0.148
Tk-ObjetoPu ente	221	103.795	After	DEAD	LinStatic	-0.118	-30.274	-0.06
Tk-ObjetoPu ente	222	104.7775	Before	DEAD	LinStatic	-0.118	-26.783	-0.06
Tk-ObjetoPu ente	223	104.7775	After	DEAD	LinStatic	-0.118	-26.783	-0.06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	224	105.76	Before	DEAD	LinStatic	-0.118	-23.292	-0.06
Tk-ObjetoPu ente	225	105.76	After	DEAD	LinStatic	0.012	-23.165	6.363E-03
Tk-ObjetoPu ente	226	106.7425	Before	DEAD	LinStatic	0.012	-19.675	6.363E-03
Tk-ObjetoPu ente	227	106.7425	After	DEAD	LinStatic	0.012	-19.675	6.363E-03
Tk-ObjetoPu ente	228	107.725	Before	DEAD	LinStatic	0.012	-16.184	6.363E-03
Tk-ObjetoPu ente	229	107.725	After	DEAD	LinStatic	0.103	-16.057	0.053
Tk-ObjetoPu ente	230	108.7075	Before	DEAD	LinStatic	0.103	-12.566	0.053
Tk-ObjetoPu ente	231	108.7075	After	DEAD	LinStatic	0.103	-12.566	0.053
Tk-ObjetoPu ente	232	109.69	Before	DEAD	LinStatic	0.103	-9.075	0.053
Tk-ObjetoPu ente	233	109.69	After	DEAD	LinStatic	0.154	-8.948	0.078
Tk-ObjetoPu ente	234	110.6725	Before	DEAD	LinStatic	0.154	-5.458	0.078
Tk-ObjetoPu ente	235	110.6725	After	DEAD	LinStatic	0.154	-5.458	0.078
Tk-ObjetoPu ente	236	111.655	Before	DEAD	LinStatic	0.154	-1.967	0.078
Tk-ObjetoPu ente	237	111.655	After	DEAD	LinStatic	0.165	-1.84	0.084
Tk-ObjetoPu ente	238	112.6375	Before	DEAD	LinStatic	0.165	1.651	0.084
Tk-ObjetoPu ente	239	112.6375	After	DEAD	LinStatic	0.165	1.651	0.084
Tk-ObjetoPu ente	240	113.62	Before	DEAD	LinStatic	0.165	5.142	0.084
Tk-ObjetoPu ente	241	113.62	After	DEAD	LinStatic	0.136	5.269	0.069
Tk-ObjetoPu ente	242	114.6025	Before	DEAD	LinStatic	0.136	8.759	0.069
Tk-ObjetoPu ente	243	114.6025	After	DEAD	LinStatic	0.136	8.759	0.069
Tk-ObjetoPu ente	244	115.585	Before	DEAD	LinStatic	0.136	12.25	0.069
Tk-ObjetoPu ente	245	115.585	After	DEAD	LinStatic	0.066	12.377	0.034
Tk-ObjetoPu ente	246	116.5675	Before	DEAD	LinStatic	0.066	15.868	0.034
Tk-ObjetoPu ente	247	116.5675	After	DEAD	LinStatic	0.066	15.868	0.034
Tk-ObjetoPu ente	248	117.55	Before	DEAD	LinStatic	0.066	19.359	0.034
Tk-ObjetoPu ente	249	117.55	After	DEAD	LinStatic	-0.043	19.486	-0.022
Tk-ObjetoPu ente	250	118.5325	Before	DEAD	LinStatic	-0.043	22.976	-0.022
Tk-ObjetoPu ente	251	118.5325	After	DEAD	LinStatic	-0.043	22.976	-0.022
Tk-ObjetoPu ente	252	119.515	Before	DEAD	LinStatic	-0.043	26.467	-0.022
Tk-ObjetoPu ente	253	119.515	After	DEAD	LinStatic	-0.195	26.594	-0.099

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	254	120.4975	Before	DEAD	LinStatic	-0.195	30.085	-0.099
Tk-ObjetoPu ente	255	120.4975	After	DEAD	LinStatic	-0.195	30.085	-0.099
Tk-ObjetoPu ente	256	121.48	Before	DEAD	LinStatic	-0.195	33.576	-0.099
Tk-ObjetoPu ente	257	121.48	After	DEAD	LinStatic	-0.199	-32.289	-0.1
Tk-ObjetoPu ente	258	122.48	Before	DEAD	LinStatic	-0.199	-28.736	-0.1
Tk-ObjetoPu ente	259	122.48	After	DEAD	LinStatic	-0.199	-28.736	-0.1
Tk-ObjetoPu ente	260	123.48	Before	DEAD	LinStatic	-0.199	-25.183	-0.1
Tk-ObjetoPu ente	261	123.48	After	DEAD	LinStatic	-0.052	-25.056	-0.026
Tk-ObjetoPu ente	262	124.48	Before	DEAD	LinStatic	-0.052	-21.503	-0.026
Tk-ObjetoPu ente	263	124.48	After	DEAD	LinStatic	-0.052	-21.503	-0.026
Tk-ObjetoPu ente	264	125.48	Before	DEAD	LinStatic	-0.052	-17.949	-0.026
Tk-ObjetoPu ente	265	125.48	After	DEAD	LinStatic	0.052	-17.823	0.026
Tk-ObjetoPu ente	266	126.48	Before	DEAD	LinStatic	0.052	-14.269	0.026
Tk-ObjetoPu ente	267	126.48	After	DEAD	LinStatic	0.052	-14.269	0.026
Tk-ObjetoPu ente	268	127.48	Before	DEAD	LinStatic	0.052	-10.716	0.026
Tk-ObjetoPu ente	269	127.48	After	DEAD	LinStatic	0.114	-10.589	0.057
Tk-ObjetoPu ente	270	128.48	Before	DEAD	LinStatic	0.114	-7.036	0.057
Tk-ObjetoPu ente	271	128.48	After	DEAD	LinStatic	0.114	-7.036	0.057
Tk-ObjetoPu ente	272	129.48	Before	DEAD	LinStatic	0.114	-3.483	0.057
Tk-ObjetoPu ente	273	129.48	After	DEAD	LinStatic	-2.699E-09	-3.349	-4.313E-10
Tk-ObjetoPu ente	274	130.48	Before	DEAD	LinStatic	-2.699E-09	0.204	-4.314E-10
Tk-ObjetoPu ente	275	130.48	After	DEAD	LinStatic	-2.700E-09	0.204	-4.314E-10
Tk-ObjetoPu ente	276	131.48	Before	DEAD	LinStatic	-2.700E-09	3.757	-4.314E-10
Tk-ObjetoPu ente	277	131.48	After	DEAD	LinStatic	0.112	3.877	0.056
Tk-ObjetoPu ente	278	132.48	Before	DEAD	LinStatic	0.112	7.43	0.056
Tk-ObjetoPu ente	279	132.48	After	DEAD	LinStatic	0.112	7.43	0.056
Tk-ObjetoPu ente	280	133.48	Before	DEAD	LinStatic	0.112	10.983	0.056
Tk-ObjetoPu ente	281	133.48	After	DEAD	LinStatic	-2.700E-09	11.117	-4.314E-10
Tk-ObjetoPu ente	282	134.48	Before	DEAD	LinStatic	-2.700E-09	14.67	-4.314E-10
Tk-ObjetoPu ente	283	134.48	After	DEAD	LinStatic	-2.700E-09	14.67	-4.314E-10

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	284	135.48	Before	DEAD	LinStatic	-2.700E-09	18.223	-4.314E-10
Tk-ObjetoPu ente	1	0.	After	Tk-Barandilla	LinStatic	-1.409E-08	-2.851	-3.437E-09
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Barandilla	LinStatic	-1.409E-08	-2.851	-3.437E-09
Tk-ObjetoPu ente	3	0.93056	After	Tk-Barandilla	LinStatic	-1.409E-08	-2.385	-3.437E-09
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Barandilla	LinStatic	-1.409E-08	-2.385	-3.437E-09
Tk-ObjetoPu ente	5	1.86111	After	Tk-Barandilla	LinStatic	8.161E-03	-1.92	4.412E-03
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Barandilla	LinStatic	8.161E-03	-1.92	4.412E-03
Tk-ObjetoPu ente	7	2.79167	After	Tk-Barandilla	LinStatic	8.161E-03	-1.455	4.412E-03
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Barandilla	LinStatic	8.161E-03	-1.455	4.412E-03
Tk-ObjetoPu ente	9	3.72222	After	Tk-Barandilla	LinStatic	0.019	-0.99	0.01
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Barandilla	LinStatic	0.019	-0.99	0.01
Tk-ObjetoPu ente	11	4.65278	After	Tk-Barandilla	LinStatic	0.019	-0.524	0.01
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Barandilla	LinStatic	0.019	-0.524	0.01
Tk-ObjetoPu ente	13	5.58333	After	Tk-Barandilla	LinStatic	0.027	-0.059	0.015
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Barandilla	LinStatic	0.027	-0.059	0.015
Tk-ObjetoPu ente	15	6.51389	After	Tk-Barandilla	LinStatic	0.027	0.406	0.015
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Barandilla	LinStatic	0.027	0.406	0.015
Tk-ObjetoPu ente	17	7.44444	After	Tk-Barandilla	LinStatic	0.03	0.872	0.016
Tk-ObjetoPu ente	18	8.375	Before	Tk-Barandilla	LinStatic	0.03	0.872	0.016
Tk-ObjetoPu ente	19	8.375	After	Tk-Barandilla	LinStatic	0.03	1.337	0.016
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Barandilla	LinStatic	0.03	1.337	0.016
Tk-ObjetoPu ente	21	9.30556	After	Tk-Barandilla	LinStatic	0.027	1.802	0.014
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Barandilla	LinStatic	0.027	1.802	0.014
Tk-ObjetoPu ente	23	10.23612	After	Tk-Barandilla	LinStatic	0.027	2.267	0.014
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Barandilla	LinStatic	0.027	2.267	0.014
Tk-ObjetoPu ente	25	11.16667	After	Tk-Barandilla	LinStatic	0.015	2.733	8.101E-03
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Barandilla	LinStatic	0.015	2.733	8.101E-03
Tk-ObjetoPu ente	27	12.09723	After	Tk-Barandilla	LinStatic	0.015	3.198	8.101E-03
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Barandilla	LinStatic	0.015	3.198	8.101E-03
Tk-ObjetoPu ente	29	13.02778	After	Tk-Barandilla	LinStatic	-6.858E-03	3.663	-3.674E-03

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Barandilla	LinStatic	-6.858E-03	3.663	-3.674E-03
Tk-ObjetoPu ente	31	13.95834	After	Tk-Barandilla	LinStatic	-6.858E-03	4.129	-3.674E-03
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Barandilla	LinStatic	-6.858E-03	4.129	-3.674E-03
Tk-ObjetoPu ente	33	14.88889	After	Tk-Barandilla	LinStatic	-0.034	4.594	-0.018
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Barandilla	LinStatic	-0.034	4.594	-0.018
Tk-ObjetoPu ente	35	15.81945	After	Tk-Barandilla	LinStatic	-0.034	5.059	-0.018
Tk-ObjetoPu ente	36	16.75	Before	Tk-Barandilla	LinStatic	-0.034	5.059	-0.018
Tk-ObjetoPu ente	37	16.75	After	Tk-Barandilla	LinStatic	-0.036	-5.101	-0.019
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Barandilla	LinStatic	-0.036	-5.101	-0.019
Tk-ObjetoPu ente	39	17.70455	After	Tk-Barandilla	LinStatic	-0.036	-4.624	-0.019
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Barandilla	LinStatic	-0.036	-4.624	-0.019
Tk-ObjetoPu ente	41	18.65909	After	Tk-Barandilla	LinStatic	-0.02	-4.147	-0.01
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Barandilla	LinStatic	-0.02	-4.147	-0.01
Tk-ObjetoPu ente	43	19.61364	After	Tk-Barandilla	LinStatic	-0.02	-3.67	-0.01
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Barandilla	LinStatic	-0.02	-3.67	-0.01
Tk-ObjetoPu ente	45	20.56818	After	Tk-Barandilla	LinStatic	-5.236E-03	-3.192	-2.707E-03
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Barandilla	LinStatic	-5.236E-03	-3.192	-2.707E-03
Tk-ObjetoPu ente	47	21.52273	After	Tk-Barandilla	LinStatic	-5.236E-03	-2.715	-2.707E-03
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Barandilla	LinStatic	-5.236E-03	-2.715	-2.707E-03
Tk-ObjetoPu ente	49	22.47727	After	Tk-Barandilla	LinStatic	9.631E-03	-2.238	5.066E-03
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Barandilla	LinStatic	9.631E-03	-2.238	5.066E-03
Tk-ObjetoPu ente	51	23.43182	After	Tk-Barandilla	LinStatic	9.631E-03	-1.761	5.066E-03
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Barandilla	LinStatic	9.631E-03	-1.761	5.066E-03
Tk-ObjetoPu ente	53	24.38636	After	Tk-Barandilla	LinStatic	0.023	-1.283	0.012
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Barandilla	LinStatic	0.023	-1.283	0.012
Tk-ObjetoPu ente	55	25.34091	After	Tk-Barandilla	LinStatic	0.023	-0.806	0.012
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Barandilla	LinStatic	0.023	-0.806	0.012
Tk-ObjetoPu ente	57	26.29545	After	Tk-Barandilla	LinStatic	0.033	-0.329	0.017
Tk-ObjetoPu ente	58	27.25	Before	Tk-Barandilla	LinStatic	0.033	-0.329	0.017
Tk-ObjetoPu ente	59	27.25	After	Tk-Barandilla	LinStatic	0.033	0.148	0.017

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Barandilla	LinStatic	0.033	0.148	0.017
Tk-ObjetoPu ente	61	28.20455	After	Tk-Barandilla	LinStatic	0.037	0.626	0.02
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Barandilla	LinStatic	0.037	0.626	0.02
Tk-ObjetoPu ente	63	29.1591	After	Tk-Barandilla	LinStatic	0.037	1.103	0.02
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Barandilla	LinStatic	0.037	1.103	0.02
Tk-ObjetoPu ente	65	30.11364	After	Tk-Barandilla	LinStatic	0.035	1.58	0.019
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Barandilla	LinStatic	0.035	1.58	0.019
Tk-ObjetoPu ente	67	31.06819	After	Tk-Barandilla	LinStatic	0.035	2.058	0.019
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Barandilla	LinStatic	0.035	2.058	0.019
Tk-ObjetoPu ente	69	32.02273	After	Tk-Barandilla	LinStatic	0.025	2.535	0.013
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Barandilla	LinStatic	0.025	2.535	0.013
Tk-ObjetoPu ente	71	32.97728	After	Tk-Barandilla	LinStatic	0.025	3.012	0.013
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Barandilla	LinStatic	0.025	3.012	0.013
Tk-ObjetoPu ente	73	33.93182	After	Tk-Barandilla	LinStatic	3.716E-03	3.489	1.949E-03
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Barandilla	LinStatic	3.716E-03	3.489	1.949E-03
Tk-ObjetoPu ente	75	34.88637	After	Tk-Barandilla	LinStatic	3.716E-03	3.967	1.949E-03
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Barandilla	LinStatic	3.716E-03	3.967	1.949E-03
Tk-ObjetoPu ente	77	35.84091	After	Tk-Barandilla	LinStatic	-0.023	4.444	-0.012
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Barandilla	LinStatic	-0.023	4.444	-0.012
Tk-ObjetoPu ente	79	36.79546	After	Tk-Barandilla	LinStatic	-0.023	4.921	-0.012
Tk-ObjetoPu ente	80	37.75	Before	Tk-Barandilla	LinStatic	-0.023	4.921	-0.012
Tk-ObjetoPu ente	81	37.75	After	Tk-Barandilla	LinStatic	-0.027	-4.532	-0.014
Tk-ObjetoPu ente	82	38.72	Before	Tk-Barandilla	LinStatic	-0.027	-4.532	-0.014
Tk-ObjetoPu ente	83	38.72	After	Tk-Barandilla	LinStatic	-0.027	-4.047	-0.014
Tk-ObjetoPu ente	84	39.69	Before	Tk-Barandilla	LinStatic	-0.027	-4.047	-0.014
Tk-ObjetoPu ente	85	39.69	After	Tk-Barandilla	LinStatic	-0.013	-3.562	-6.770E-03
Tk-ObjetoPu ente	86	40.66	Before	Tk-Barandilla	LinStatic	-0.013	-3.562	-6.770E-03
Tk-ObjetoPu ente	87	40.66	After	Tk-Barandilla	LinStatic	-0.013	-3.077	-6.770E-03
Tk-ObjetoPu ente	88	41.63	Before	Tk-Barandilla	LinStatic	-0.013	-3.077	-6.770E-03
Tk-ObjetoPu ente	89	41.63	After	Tk-Barandilla	LinStatic	-1.283E-03	-2.592	-6.344E-04

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	90	42.6	Before	Tk-Barandilla	LinStatic	-1.283E-03	-2.592	-6.344E-04
Tk-ObjetoPu ente	91	42.6	After	Tk-Barandilla	LinStatic	-1.283E-03	-2.107	-6.344E-04
Tk-ObjetoPu ente	92	43.57	Before	Tk-Barandilla	LinStatic	-1.283E-03	-2.107	-6.344E-04
Tk-ObjetoPu ente	93	43.57	After	Tk-Barandilla	LinStatic	0.01	-1.622	5.321E-03
Tk-ObjetoPu ente	94	44.54	Before	Tk-Barandilla	LinStatic	0.01	-1.622	5.321E-03
Tk-ObjetoPu ente	95	44.54	After	Tk-Barandilla	LinStatic	0.01	-1.137	5.321E-03
Tk-ObjetoPu ente	96	45.51	Before	Tk-Barandilla	LinStatic	0.01	-1.137	5.321E-03
Tk-ObjetoPu ente	97	45.51	After	Tk-Barandilla	LinStatic	0.019	-0.652	0.01
Tk-ObjetoPu ente	98	46.48	Before	Tk-Barandilla	LinStatic	0.019	-0.652	0.01
Tk-ObjetoPu ente	99	46.48	After	Tk-Barandilla	LinStatic	0.019	-0.167	0.01
Tk-ObjetoPu ente	100	47.45	Before	Tk-Barandilla	LinStatic	0.019	-0.167	0.01
Tk-ObjetoPu ente	101	47.45	After	Tk-Barandilla	LinStatic	0.024	0.318	0.012
Tk-ObjetoPu ente	102	48.42	Before	Tk-Barandilla	LinStatic	0.024	0.318	0.012
Tk-ObjetoPu ente	103	48.42	After	Tk-Barandilla	LinStatic	0.024	0.803	0.012
Tk-ObjetoPu ente	104	49.39	Before	Tk-Barandilla	LinStatic	0.024	0.803	0.012
Tk-ObjetoPu ente	105	49.39	After	Tk-Barandilla	LinStatic	0.023	1.288	0.012
Tk-ObjetoPu ente	106	50.36	Before	Tk-Barandilla	LinStatic	0.023	1.288	0.012
Tk-ObjetoPu ente	107	50.36	After	Tk-Barandilla	LinStatic	0.023	1.773	0.012
Tk-ObjetoPu ente	108	51.33	Before	Tk-Barandilla	LinStatic	0.023	1.773	0.012
Tk-ObjetoPu ente	109	51.33	After	Tk-Barandilla	LinStatic	0.012	2.258	6.337E-03
Tk-ObjetoPu ente	110	52.3	Before	Tk-Barandilla	LinStatic	0.012	2.258	6.337E-03
Tk-ObjetoPu ente	111	52.3	After	Tk-Barandilla	LinStatic	0.012	2.743	6.337E-03
Tk-ObjetoPu ente	112	53.27	Before	Tk-Barandilla	LinStatic	0.012	2.743	6.337E-03
Tk-ObjetoPu ente	113	53.27	After	Tk-Barandilla	LinStatic	-8.780E-03	3.228	-4.513E-03
Tk-ObjetoPu ente	114	54.24	Before	Tk-Barandilla	LinStatic	-8.780E-03	3.228	-4.513E-03
Tk-ObjetoPu ente	115	54.24	After	Tk-Barandilla	LinStatic	-8.780E-03	3.713	-4.513E-03
Tk-ObjetoPu ente	116	55.21	Before	Tk-Barandilla	LinStatic	-8.780E-03	3.713	-4.513E-03
Tk-ObjetoPu ente	117	55.21	After	Tk-Barandilla	LinStatic	-0.036	4.198	-0.019
Tk-ObjetoPu ente	118	56.18	Before	Tk-Barandilla	LinStatic	-0.036	4.198	-0.019
Tk-ObjetoPu ente	119	56.18	After	Tk-Barandilla	LinStatic	-0.036	4.683	-0.019

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	120	57.15	Before	Tk-Barandilla	LinStatic	-0.036	4.683	-0.019
Tk-ObjetoPu ente	121	57.15	After	Tk-Barandilla	LinStatic	-0.036	-5.186	-0.019
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Barandilla	LinStatic	-0.036	-5.186	-0.019
Tk-ObjetoPu ente	123	58.0825	After	Tk-Barandilla	LinStatic	-0.036	-4.72	-0.019
Tk-ObjetoPu ente	124	59.015	Before	Tk-Barandilla	LinStatic	-0.036	-4.72	-0.019
Tk-ObjetoPu ente	125	59.015	After	Tk-Barandilla	LinStatic	-0.021	-4.253	-0.011
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Barandilla	LinStatic	-0.021	-4.253	-0.011
Tk-ObjetoPu ente	127	59.9475	After	Tk-Barandilla	LinStatic	-0.021	-3.787	-0.011
Tk-ObjetoPu ente	128	60.88	Before	Tk-Barandilla	LinStatic	-0.021	-3.787	-0.011
Tk-ObjetoPu ente	129	60.88	After	Tk-Barandilla	LinStatic	-6.740E-03	-3.321	-3.572E-03
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Barandilla	LinStatic	-6.740E-03	-3.321	-3.572E-03
Tk-ObjetoPu ente	131	61.8125	After	Tk-Barandilla	LinStatic	-6.740E-03	-2.855	-3.572E-03
Tk-ObjetoPu ente	132	62.745	Before	Tk-Barandilla	LinStatic	-6.740E-03	-2.855	-3.572E-03
Tk-ObjetoPu ente	133	62.745	After	Tk-Barandilla	LinStatic	7.989E-03	-2.388	4.311E-03
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Barandilla	LinStatic	7.989E-03	-2.388	4.311E-03
Tk-ObjetoPu ente	135	63.6775	After	Tk-Barandilla	LinStatic	7.989E-03	-1.922	4.311E-03
Tk-ObjetoPu ente	136	64.61	Before	Tk-Barandilla	LinStatic	7.989E-03	-1.922	4.311E-03
Tk-ObjetoPu ente	137	64.61	After	Tk-Barandilla	LinStatic	0.022	-1.456	0.012
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Barandilla	LinStatic	0.022	-1.456	0.012
Tk-ObjetoPu ente	139	65.5425	After	Tk-Barandilla	LinStatic	0.022	-0.99	0.012
Tk-ObjetoPu ente	140	66.475	Before	Tk-Barandilla	LinStatic	0.022	-0.99	0.012
Tk-ObjetoPu ente	141	66.475	After	Tk-Barandilla	LinStatic	0.032	-0.523	0.017
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Barandilla	LinStatic	0.032	-0.523	0.017
Tk-ObjetoPu ente	143	67.4075	After	Tk-Barandilla	LinStatic	0.032	-0.057	0.017
Tk-ObjetoPu ente	144	68.34	Before	Tk-Barandilla	LinStatic	0.032	-0.057	0.017
Tk-ObjetoPu ente	145	68.34	After	Tk-Barandilla	LinStatic	0.039	0.409	0.021
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Barandilla	LinStatic	0.039	0.409	0.021
Tk-ObjetoPu ente	147	69.2725	After	Tk-Barandilla	LinStatic	0.039	0.875	0.021
Tk-ObjetoPu ente	148	70.205	Before	Tk-Barandilla	LinStatic	0.039	0.875	0.021
Tk-ObjetoPu ente	149	70.205	After	Tk-Barandilla	LinStatic	0.04	1.342	0.021

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Barandilla	LinStatic	0.04	1.342	0.021
Tk-ObjetoPu ente	151	71.1375	After	Tk-Barandilla	LinStatic	0.04	1.808	0.021
Tk-ObjetoPu ente	152	72.07	Before	Tk-Barandilla	LinStatic	0.04	1.808	0.021
Tk-ObjetoPu ente	153	72.07	After	Tk-Barandilla	LinStatic	0.034	2.274	0.018
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Barandilla	LinStatic	0.034	2.274	0.018
Tk-ObjetoPu ente	155	73.0025	After	Tk-Barandilla	LinStatic	0.034	2.74	0.018
Tk-ObjetoPu ente	156	73.935	Before	Tk-Barandilla	LinStatic	0.034	2.74	0.018
Tk-ObjetoPu ente	157	73.935	After	Tk-Barandilla	LinStatic	0.019	3.207	0.01
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Barandilla	LinStatic	0.019	3.207	0.01
Tk-ObjetoPu ente	159	74.8675	After	Tk-Barandilla	LinStatic	0.019	3.673	0.01
Tk-ObjetoPu ente	160	75.8	Before	Tk-Barandilla	LinStatic	0.019	3.673	0.01
Tk-ObjetoPu ente	161	75.8	After	Tk-Barandilla	LinStatic	-7.270E-03	4.139	-3.891E-03
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Barandilla	LinStatic	-7.270E-03	4.139	-3.891E-03
Tk-ObjetoPu ente	163	76.7325	After	Tk-Barandilla	LinStatic	-7.270E-03	4.605	-3.891E-03
Tk-ObjetoPu ente	164	77.665	Before	Tk-Barandilla	LinStatic	-7.270E-03	4.605	-3.891E-03
Tk-ObjetoPu ente	165	77.665	After	Tk-Barandilla	LinStatic	-0.039	5.072	-0.021
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Barandilla	LinStatic	-0.039	5.072	-0.021
Tk-ObjetoPu ente	167	78.5975	After	Tk-Barandilla	LinStatic	-0.039	5.538	-0.021
Tk-ObjetoPu ente	168	79.53	Before	Tk-Barandilla	LinStatic	-0.039	5.538	-0.021
Tk-ObjetoPu ente	169	79.53	After	Tk-Barandilla	LinStatic	-0.041	-5.474	-0.022
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Barandilla	LinStatic	-0.041	-5.474	-0.022
Tk-ObjetoPu ente	171	80.45917	After	Tk-Barandilla	LinStatic	-0.041	-5.01	-0.022
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Barandilla	LinStatic	-0.041	-5.01	-0.022
Tk-ObjetoPu ente	173	81.38833	After	Tk-Barandilla	LinStatic	-0.026	-4.545	-0.014
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Barandilla	LinStatic	-0.026	-4.545	-0.014
Tk-ObjetoPu ente	175	82.3175	After	Tk-Barandilla	LinStatic	-0.026	-4.081	-0.014
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Barandilla	LinStatic	-0.026	-4.081	-0.014
Tk-ObjetoPu ente	177	83.24667	After	Tk-Barandilla	LinStatic	-0.013	-3.616	-6.741E-03
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Barandilla	LinStatic	-0.013	-3.616	-6.741E-03
Tk-ObjetoPu ente	179	84.17584	After	Tk-Barandilla	LinStatic	-0.013	-3.152	-6.741E-03

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	180	85.105	Before	Tk-Barandilla	LinStatic	-0.013	-3.152	-6.741E-03
Tk-ObjetoPu ente	181	85.105	After	Tk-Barandilla	LinStatic	2.401E-03	-2.687	1.322E-03
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Barandilla	LinStatic	2.401E-03	-2.687	1.322E-03
Tk-ObjetoPu ente	183	86.03417	After	Tk-Barandilla	LinStatic	2.401E-03	-2.222	1.322E-03
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Barandilla	LinStatic	2.401E-03	-2.222	1.322E-03
Tk-ObjetoPu ente	185	86.96333	After	Tk-Barandilla	LinStatic	0.017	-1.758	9.017E-03
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Barandilla	LinStatic	0.017	-1.758	9.017E-03
Tk-ObjetoPu ente	187	87.8925	After	Tk-Barandilla	LinStatic	0.017	-1.293	9.017E-03
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Barandilla	LinStatic	0.017	-1.293	9.017E-03
Tk-ObjetoPu ente	189	88.82167	After	Tk-Barandilla	LinStatic	0.029	-0.829	0.015
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Barandilla	LinStatic	0.029	-0.829	0.015
Tk-ObjetoPu ente	191	89.75084	After	Tk-Barandilla	LinStatic	0.029	-0.364	0.015
Tk-ObjetoPu ente	192	90.68	Before	Tk-Barandilla	LinStatic	0.029	-0.364	0.015
Tk-ObjetoPu ente	193	90.68	After	Tk-Barandilla	LinStatic	0.037	0.1	0.02
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Barandilla	LinStatic	0.037	0.1	0.02
Tk-ObjetoPu ente	195	91.60917	After	Tk-Barandilla	LinStatic	0.037	0.565	0.02
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Barandilla	LinStatic	0.037	0.565	0.02
Tk-ObjetoPu ente	197	92.53833	After	Tk-Barandilla	LinStatic	0.039	1.03	0.021
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Barandilla	LinStatic	0.039	1.03	0.021
Tk-ObjetoPu ente	199	93.4675	After	Tk-Barandilla	LinStatic	0.039	1.494	0.021
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Barandilla	LinStatic	0.039	1.494	0.021
Tk-ObjetoPu ente	201	94.39667	After	Tk-Barandilla	LinStatic	0.035	1.959	0.019
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Barandilla	LinStatic	0.035	1.959	0.019
Tk-ObjetoPu ente	203	95.32584	After	Tk-Barandilla	LinStatic	0.035	2.423	0.019
Tk-ObjetoPu ente	204	96.255	Before	Tk-Barandilla	LinStatic	0.035	2.423	0.019
Tk-ObjetoPu ente	205	96.255	After	Tk-Barandilla	LinStatic	0.022	2.888	0.012
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Barandilla	LinStatic	0.022	2.888	0.012
Tk-ObjetoPu ente	207	97.18417	After	Tk-Barandilla	LinStatic	0.022	3.353	0.012
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Barandilla	LinStatic	0.022	3.353	0.012
Tk-ObjetoPu ente	209	98.11333	After	Tk-Barandilla	LinStatic	-8.914E-04	3.817	-4.760E-04

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Barandilla	LinStatic	-8.914E-04	3.817	-4.760E-04
Tk-ObjetoPu ente	211	99.0425	After	Tk-Barandilla	LinStatic	-8.914E-04	4.282	-4.760E-04
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Barandilla	LinStatic	-8.914E-04	4.282	-4.760E-04
Tk-ObjetoPu ente	213	99.97167	After	Tk-Barandilla	LinStatic	-0.029	4.746	-0.016
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Barandilla	LinStatic	-0.029	4.746	-0.016
Tk-ObjetoPu ente	215	100.90084	After	Tk-Barandilla	LinStatic	-0.029	5.211	-0.016
Tk-ObjetoPu ente	216	101.83	Before	Tk-Barandilla	LinStatic	-0.029	5.211	-0.016
Tk-ObjetoPu ente	217	101.83	After	Tk-Barandilla	LinStatic	-0.034	-4.982	-0.017
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Barandilla	LinStatic	-0.034	-4.982	-0.017
Tk-ObjetoPu ente	219	102.8125	After	Tk-Barandilla	LinStatic	-0.034	-4.491	-0.017
Tk-ObjetoPu ente	220	103.795	Before	Tk-Barandilla	LinStatic	-0.034	-4.491	-0.017
Tk-ObjetoPu ente	221	103.795	After	Tk-Barandilla	LinStatic	-0.018	-4.	-9.199E-03
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Barandilla	LinStatic	-0.018	-4.	-9.199E-03
Tk-ObjetoPu ente	223	104.7775	After	Tk-Barandilla	LinStatic	-0.018	-3.509	-9.199E-03
Tk-ObjetoPu ente	224	105.76	Before	Tk-Barandilla	LinStatic	-0.018	-3.509	-9.199E-03
Tk-ObjetoPu ente	225	105.76	After	Tk-Barandilla	LinStatic	-3.993E-03	-3.017	-2.002E-03
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Barandilla	LinStatic	-3.993E-03	-3.017	-2.002E-03
Tk-ObjetoPu ente	227	106.7425	After	Tk-Barandilla	LinStatic	-3.993E-03	-2.526	-2.002E-03
Tk-ObjetoPu ente	228	107.725	Before	Tk-Barandilla	LinStatic	-3.993E-03	-2.526	-2.002E-03
Tk-ObjetoPu ente	229	107.725	After	Tk-Barandilla	LinStatic	0.01	-2.035	5.220E-03
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Barandilla	LinStatic	0.01	-2.035	5.220E-03
Tk-ObjetoPu ente	231	108.7075	After	Tk-Barandilla	LinStatic	0.01	-1.544	5.220E-03
Tk-ObjetoPu ente	232	109.69	Before	Tk-Barandilla	LinStatic	0.01	-1.544	5.220E-03
Tk-ObjetoPu ente	233	109.69	After	Tk-Barandilla	LinStatic	0.022	-1.052	0.011
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Barandilla	LinStatic	0.022	-1.052	0.011
Tk-ObjetoPu ente	235	110.6725	After	Tk-Barandilla	LinStatic	0.022	-0.561	0.011
Tk-ObjetoPu ente	236	111.655	Before	Tk-Barandilla	LinStatic	0.022	-0.561	0.011
Tk-ObjetoPu ente	237	111.655	After	Tk-Barandilla	LinStatic	0.03	-0.07	0.015
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Barandilla	LinStatic	0.03	-0.07	0.015
Tk-ObjetoPu ente	239	112.6375	After	Tk-Barandilla	LinStatic	0.03	0.421	0.015

9. Bridge object forces

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	240	113.62	Before	Tk-Barandilla	LinStatic	0.03	0.421	0.015
Tk-ObjetoPu ente	241	113.62	After	Tk-Barandilla	LinStatic	0.032	0.913	0.016
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Barandilla	LinStatic	0.032	0.913	0.016
Tk-ObjetoPu ente	243	114.6025	After	Tk-Barandilla	LinStatic	0.032	1.404	0.016
Tk-ObjetoPu ente	244	115.585	Before	Tk-Barandilla	LinStatic	0.032	1.404	0.016
Tk-ObjetoPu ente	245	115.585	After	Tk-Barandilla	LinStatic	0.026	1.895	0.013
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Barandilla	LinStatic	0.026	1.895	0.013
Tk-ObjetoPu ente	247	116.5675	After	Tk-Barandilla	LinStatic	0.026	2.386	0.013
Tk-ObjetoPu ente	248	117.55	Before	Tk-Barandilla	LinStatic	0.026	2.386	0.013
Tk-ObjetoPu ente	249	117.55	After	Tk-Barandilla	LinStatic	9.987E-03	2.878	5.082E-03
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Barandilla	LinStatic	9.987E-03	2.878	5.082E-03
Tk-ObjetoPu ente	251	118.5325	After	Tk-Barandilla	LinStatic	9.987E-03	3.369	5.082E-03
Tk-ObjetoPu ente	252	119.515	Before	Tk-Barandilla	LinStatic	9.987E-03	3.369	5.082E-03
Tk-ObjetoPu ente	253	119.515	After	Tk-Barandilla	LinStatic	-0.013	3.86	-6.366E-03
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Barandilla	LinStatic	-0.013	3.86	-6.366E-03
Tk-ObjetoPu ente	255	120.4975	After	Tk-Barandilla	LinStatic	-0.013	4.351	-6.366E-03
Tk-ObjetoPu ente	256	121.48	Before	Tk-Barandilla	LinStatic	-0.013	4.351	-6.366E-03
Tk-ObjetoPu ente	257	121.48	After	Tk-Barandilla	LinStatic	-0.015	-3.883	-7.674E-03
Tk-ObjetoPu ente	258	122.48	Before	Tk-Barandilla	LinStatic	-0.015	-3.883	-7.674E-03
Tk-ObjetoPu ente	259	122.48	After	Tk-Barandilla	LinStatic	-0.015	-3.383	-7.674E-03
Tk-ObjetoPu ente	260	123.48	Before	Tk-Barandilla	LinStatic	-0.015	-3.383	-7.674E-03
Tk-ObjetoPu ente	261	123.48	After	Tk-Barandilla	LinStatic	-2.726E-03	-2.883	-1.339E-03
Tk-ObjetoPu ente	262	124.48	Before	Tk-Barandilla	LinStatic	-2.726E-03	-2.883	-1.339E-03
Tk-ObjetoPu ente	263	124.48	After	Tk-Barandilla	LinStatic	-2.726E-03	-2.383	-1.339E-03
Tk-ObjetoPu ente	264	125.48	Before	Tk-Barandilla	LinStatic	-2.726E-03	-2.383	-1.339E-03
Tk-ObjetoPu ente	265	125.48	After	Tk-Barandilla	LinStatic	7.341E-03	-1.883	3.686E-03
Tk-ObjetoPu ente	266	126.48	Before	Tk-Barandilla	LinStatic	7.341E-03	-1.883	3.686E-03
Tk-ObjetoPu ente	267	126.48	After	Tk-Barandilla	LinStatic	7.341E-03	-1.383	3.686E-03
Tk-ObjetoPu ente	268	127.48	Before	Tk-Barandilla	LinStatic	7.341E-03	-1.383	3.686E-03
Tk-ObjetoPu ente	269	127.48	After	Tk-Barandilla	LinStatic	0.015	-0.883	7.535E-03

9. Bridge object forces

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	270	128.48	Before	Tk-Barandilla	LinStatic	0.015	-0.883	7.535E-03
Tk-ObjetoPu ente	271	128.48	After	Tk-Barandilla	LinStatic	0.015	-0.383	7.535E-03
Tk-ObjetoPu ente	272	129.48	Before	Tk-Barandilla	LinStatic	0.015	-0.383	7.535E-03
Tk-ObjetoPu ente	273	129.48	After	Tk-Barandilla	LinStatic	-1.403E-09	0.117	5.799E-09
Tk-ObjetoPu ente	274	130.48	Before	Tk-Barandilla	LinStatic	-1.403E-09	0.117	5.799E-09
Tk-ObjetoPu ente	275	130.48	After	Tk-Barandilla	LinStatic	-1.404E-09	0.617	5.799E-09
Tk-ObjetoPu ente	276	131.48	Before	Tk-Barandilla	LinStatic	-1.404E-09	0.617	5.799E-09
Tk-ObjetoPu ente	277	131.48	After	Tk-Barandilla	LinStatic	0.014	0.867	7.077E-03
Tk-ObjetoPu ente	278	132.48	Before	Tk-Barandilla	LinStatic	0.014	0.867	7.077E-03
Tk-ObjetoPu ente	279	132.48	After	Tk-Barandilla	LinStatic	0.014	0.867	7.077E-03
Tk-ObjetoPu ente	280	133.48	Before	Tk-Barandilla	LinStatic	0.014	0.867	7.077E-03
Tk-ObjetoPu ente	281	133.48	After	Tk-Barandilla	LinStatic	-1.404E-09	0.867	5.799E-09
Tk-ObjetoPu ente	282	134.48	Before	Tk-Barandilla	LinStatic	-1.404E-09	0.867	5.799E-09
Tk-ObjetoPu ente	283	134.48	After	Tk-Barandilla	LinStatic	-1.404E-09	0.867	5.799E-09
Tk-ObjetoPu ente	284	135.48	Before	Tk-Barandilla	LinStatic	-1.404E-09	0.867	5.799E-09
Tk-ObjetoPu ente	1	0.	After	Tk-Tarima	LinStatic	-3.506E-08	-17.146	-1.548E-09
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Tarima	LinStatic	-3.506E-08	-17.146	-1.548E-09
Tk-ObjetoPu ente	3	0.93056	After	Tk-Tarima	LinStatic	-3.506E-08	-14.355	-1.548E-09
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Tarima	LinStatic	-3.506E-08	-14.355	-1.549E-09
Tk-ObjetoPu ente	5	1.86111	After	Tk-Tarima	LinStatic	0.113	-11.563	0.06
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Tarima	LinStatic	0.113	-11.563	0.06
Tk-ObjetoPu ente	7	2.79167	After	Tk-Tarima	LinStatic	0.113	-8.771	0.06
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Tarima	LinStatic	0.113	-8.771	0.06
Tk-ObjetoPu ente	9	3.72222	After	Tk-Tarima	LinStatic	0.15	-5.98	0.081
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Tarima	LinStatic	0.15	-5.98	0.081
Tk-ObjetoPu ente	11	4.65278	After	Tk-Tarima	LinStatic	0.15	-3.188	0.081
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Tarima	LinStatic	0.15	-3.188	0.081
Tk-ObjetoPu ente	13	5.58333	After	Tk-Tarima	LinStatic	0.16	-0.396	0.086
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Tarima	LinStatic	0.16	-0.396	0.086
Tk-ObjetoPu ente	15	6.51389	After	Tk-Tarima	LinStatic	0.16	2.395	0.086

9. Bridge object forces

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Tarima	LinStatic	0.16	2.395	0.086
Tk-ObjetoPu ente	17	7.44444	After	Tk-Tarima	LinStatic	0.14	5.187	0.075
Tk-ObjetoPu ente	18	8.375	Before	Tk-Tarima	LinStatic	0.14	5.187	0.075
Tk-ObjetoPu ente	19	8.375	After	Tk-Tarima	LinStatic	0.14	7.979	0.075
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Tarima	LinStatic	0.14	7.979	0.075
Tk-ObjetoPu ente	21	9.30556	After	Tk-Tarima	LinStatic	0.092	10.77	0.05
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Tarima	LinStatic	0.092	10.77	0.05
Tk-ObjetoPu ente	23	10.23612	After	Tk-Tarima	LinStatic	0.092	13.562	0.05
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Tarima	LinStatic	0.092	13.562	0.05
Tk-ObjetoPu ente	25	11.16667	After	Tk-Tarima	LinStatic	0.016	16.354	8.524E-03
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Tarima	LinStatic	0.016	16.354	8.524E-03
Tk-ObjetoPu ente	27	12.09723	After	Tk-Tarima	LinStatic	0.016	19.145	8.524E-03
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Tarima	LinStatic	0.016	19.145	8.524E-03
Tk-ObjetoPu ente	29	13.02778	After	Tk-Tarima	LinStatic	-0.089	21.937	-0.048
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Tarima	LinStatic	-0.089	21.937	-0.048
Tk-ObjetoPu ente	31	13.95834	After	Tk-Tarima	LinStatic	-0.089	24.729	-0.048
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Tarima	LinStatic	-0.089	24.729	-0.048
Tk-ObjetoPu ente	33	14.88889	After	Tk-Tarima	LinStatic	-0.223	27.52	-0.12
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Tarima	LinStatic	-0.223	27.52	-0.12
Tk-ObjetoPu ente	35	15.81945	After	Tk-Tarima	LinStatic	-0.223	30.312	-0.12
Tk-ObjetoPu ente	36	16.75	Before	Tk-Tarima	LinStatic	-0.223	30.312	-0.12
Tk-ObjetoPu ente	37	16.75	After	Tk-Tarima	LinStatic	-0.225	-30.601	-0.118
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Tarima	LinStatic	-0.225	-30.601	-0.118
Tk-ObjetoPu ente	39	17.70455	After	Tk-Tarima	LinStatic	-0.225	-27.737	-0.118
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Tarima	LinStatic	-0.225	-27.737	-0.118
Tk-ObjetoPu ente	41	18.65909	After	Tk-Tarima	LinStatic	-0.084	-24.874	-0.044
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Tarima	LinStatic	-0.084	-24.874	-0.044
Tk-ObjetoPu ente	43	19.61364	After	Tk-Tarima	LinStatic	-0.084	-22.01	-0.044
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Tarima	LinStatic	-0.084	-22.01	-0.044
Tk-ObjetoPu ente	45	20.56818	After	Tk-Tarima	LinStatic	0.026	-19.146	0.014

9. Bridge object forces

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Tarima	LinStatic	0.026	-19.146	0.014
Tk-ObjetoPu ente	47	21.52273	After	Tk-Tarima	LinStatic	0.026	-16.283	0.014
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Tarima	LinStatic	0.026	-16.283	0.014
Tk-ObjetoPu ente	49	22.47727	After	Tk-Tarima	LinStatic	0.106	-13.419	0.055
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Tarima	LinStatic	0.106	-13.419	0.055
Tk-ObjetoPu ente	51	23.43182	After	Tk-Tarima	LinStatic	0.106	-10.555	0.055
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Tarima	LinStatic	0.106	-10.555	0.055
Tk-ObjetoPu ente	53	24.38636	After	Tk-Tarima	LinStatic	0.155	-7.692	0.081
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Tarima	LinStatic	0.155	-7.692	0.081
Tk-ObjetoPu ente	55	25.34091	After	Tk-Tarima	LinStatic	0.155	-4.828	0.081
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Tarima	LinStatic	0.155	-4.828	0.081
Tk-ObjetoPu ente	57	26.29545	After	Tk-Tarima	LinStatic	0.173	-1.965	0.091
Tk-ObjetoPu ente	58	27.25	Before	Tk-Tarima	LinStatic	0.173	-1.965	0.091
Tk-ObjetoPu ente	59	27.25	After	Tk-Tarima	LinStatic	0.173	0.899	0.091
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Tarima	LinStatic	0.173	0.899	0.091
Tk-ObjetoPu ente	61	28.20455	After	Tk-Tarima	LinStatic	0.16	3.763	0.084
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Tarima	LinStatic	0.16	3.763	0.084
Tk-ObjetoPu ente	63	29.1591	After	Tk-Tarima	LinStatic	0.16	6.626	0.084
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Tarima	LinStatic	0.16	6.626	0.084
Tk-ObjetoPu ente	65	30.11364	After	Tk-Tarima	LinStatic	0.117	9.49	0.061
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Tarima	LinStatic	0.117	9.49	0.061
Tk-ObjetoPu ente	67	31.06819	After	Tk-Tarima	LinStatic	0.117	12.354	0.061
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Tarima	LinStatic	0.117	12.354	0.061
Tk-ObjetoPu ente	69	32.02273	After	Tk-Tarima	LinStatic	0.043	15.217	0.023
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Tarima	LinStatic	0.043	15.217	0.023
Tk-ObjetoPu ente	71	32.97728	After	Tk-Tarima	LinStatic	0.043	18.081	0.023
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Tarima	LinStatic	0.043	18.081	0.023
Tk-ObjetoPu ente	73	33.93182	After	Tk-Tarima	LinStatic	-0.061	20.945	-0.032
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Tarima	LinStatic	-0.061	20.945	-0.032
Tk-ObjetoPu ente	75	34.88637	After	Tk-Tarima	LinStatic	-0.061	23.808	-0.032

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Tarima	LinStatic	-0.061	23.808	-0.032
Tk-ObjetoPu ente	77	35.84091	After	Tk-Tarima	LinStatic	-0.197	26.672	-0.103
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Tarima	LinStatic	-0.197	26.672	-0.103
Tk-ObjetoPu ente	79	36.79546	After	Tk-Tarima	LinStatic	-0.197	29.535	-0.103
Tk-ObjetoPu ente	80	37.75	Before	Tk-Tarima	LinStatic	-0.197	29.535	-0.103
Tk-ObjetoPu ente	81	37.75	After	Tk-Tarima	LinStatic	-0.204	-27.195	-0.105
Tk-ObjetoPu ente	82	38.72	Before	Tk-Tarima	LinStatic	-0.204	-27.195	-0.105
Tk-ObjetoPu ente	83	38.72	After	Tk-Tarima	LinStatic	-0.204	-24.285	-0.105
Tk-ObjetoPu ente	84	39.69	Before	Tk-Tarima	LinStatic	-0.204	-24.285	-0.105
Tk-ObjetoPu ente	85	39.69	After	Tk-Tarima	LinStatic	-0.078	-21.375	-0.04
Tk-ObjetoPu ente	86	40.66	Before	Tk-Tarima	LinStatic	-0.078	-21.375	-0.04
Tk-ObjetoPu ente	87	40.66	After	Tk-Tarima	LinStatic	-0.078	-18.465	-0.04
Tk-ObjetoPu ente	88	41.63	Before	Tk-Tarima	LinStatic	-0.078	-18.465	-0.04
Tk-ObjetoPu ente	89	41.63	After	Tk-Tarima	LinStatic	0.016	-15.556	8.029E-03
Tk-ObjetoPu ente	90	42.6	Before	Tk-Tarima	LinStatic	0.016	-15.556	8.029E-03
Tk-ObjetoPu ente	91	42.6	After	Tk-Tarima	LinStatic	0.016	-12.646	8.029E-03
Tk-ObjetoPu ente	92	43.57	Before	Tk-Tarima	LinStatic	0.016	-12.646	8.029E-03
Tk-ObjetoPu ente	93	43.57	After	Tk-Tarima	LinStatic	0.077	-9.736	0.04
Tk-ObjetoPu ente	94	44.54	Before	Tk-Tarima	LinStatic	0.077	-9.736	0.04
Tk-ObjetoPu ente	95	44.54	After	Tk-Tarima	LinStatic	0.077	-6.826	0.04
Tk-ObjetoPu ente	96	45.51	Before	Tk-Tarima	LinStatic	0.077	-6.826	0.04
Tk-ObjetoPu ente	97	45.51	After	Tk-Tarima	LinStatic	0.107	-3.916	0.055
Tk-ObjetoPu ente	98	46.48	Before	Tk-Tarima	LinStatic	0.107	-3.916	0.055
Tk-ObjetoPu ente	99	46.48	After	Tk-Tarima	LinStatic	0.107	-1.006	0.055
Tk-ObjetoPu ente	100	47.45	Before	Tk-Tarima	LinStatic	0.107	-1.006	0.055
Tk-ObjetoPu ente	101	47.45	After	Tk-Tarima	LinStatic	0.104	1.904	0.054
Tk-ObjetoPu ente	102	48.42	Before	Tk-Tarima	LinStatic	0.104	1.904	0.054
Tk-ObjetoPu ente	103	48.42	After	Tk-Tarima	LinStatic	0.104	4.814	0.054
Tk-ObjetoPu ente	104	49.39	Before	Tk-Tarima	LinStatic	0.104	4.814	0.054
Tk-ObjetoPu ente	105	49.39	After	Tk-Tarima	LinStatic	0.07	7.724	0.036

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	106	50.36	Before	Tk-Tarima	LinStatic	0.07	7.724	0.036
Tk-ObjetoPu ente	107	50.36	After	Tk-Tarima	LinStatic	0.07	10.634	0.036
Tk-ObjetoPu ente	108	51.33	Before	Tk-Tarima	LinStatic	0.07	10.634	0.036
Tk-ObjetoPu ente	109	51.33	After	Tk-Tarima	LinStatic	3.179E-03	13.544	1.631E-03
Tk-ObjetoPu ente	110	52.3	Before	Tk-Tarima	LinStatic	3.179E-03	13.544	1.631E-03
Tk-ObjetoPu ente	111	52.3	After	Tk-Tarima	LinStatic	3.179E-03	16.454	1.631E-03
Tk-ObjetoPu ente	112	53.27	Before	Tk-Tarima	LinStatic	3.179E-03	16.454	1.631E-03
Tk-ObjetoPu ente	113	53.27	After	Tk-Tarima	LinStatic	-0.095	19.364	-0.049
Tk-ObjetoPu ente	114	54.24	Before	Tk-Tarima	LinStatic	-0.095	19.364	-0.049
Tk-ObjetoPu ente	115	54.24	After	Tk-Tarima	LinStatic	-0.095	22.274	-0.049
Tk-ObjetoPu ente	116	55.21	Before	Tk-Tarima	LinStatic	-0.095	22.274	-0.049
Tk-ObjetoPu ente	117	55.21	After	Tk-Tarima	LinStatic	-0.227	25.184	-0.117
Tk-ObjetoPu ente	118	56.18	Before	Tk-Tarima	LinStatic	-0.227	25.184	-0.117
Tk-ObjetoPu ente	119	56.18	After	Tk-Tarima	LinStatic	-0.227	28.094	-0.117
Tk-ObjetoPu ente	120	57.15	Before	Tk-Tarima	LinStatic	-0.227	28.094	-0.117
Tk-ObjetoPu ente	121	57.15	After	Tk-Tarima	LinStatic	-0.214	-31.115	-0.115
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Tarima	LinStatic	-0.214	-31.115	-0.115
Tk-ObjetoPu ente	123	58.0825	After	Tk-Tarima	LinStatic	-0.214	-28.318	-0.115
Tk-ObjetoPu ente	124	59.015	Before	Tk-Tarima	LinStatic	-0.214	-28.318	-0.115
Tk-ObjetoPu ente	125	59.015	After	Tk-Tarima	LinStatic	-0.076	-25.52	-0.041
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Tarima	LinStatic	-0.076	-25.52	-0.041
Tk-ObjetoPu ente	127	59.9475	After	Tk-Tarima	LinStatic	-0.076	-22.723	-0.041
Tk-ObjetoPu ente	128	60.88	Before	Tk-Tarima	LinStatic	-0.076	-22.723	-0.041
Tk-ObjetoPu ente	129	60.88	After	Tk-Tarima	LinStatic	0.034	-19.925	0.018
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Tarima	LinStatic	0.034	-19.925	0.018
Tk-ObjetoPu ente	131	61.8125	After	Tk-Tarima	LinStatic	0.034	-17.128	0.018
Tk-ObjetoPu ente	132	62.745	Before	Tk-Tarima	LinStatic	0.034	-17.128	0.018
Tk-ObjetoPu ente	133	62.745	After	Tk-Tarima	LinStatic	0.114	-14.33	0.061
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Tarima	LinStatic	0.114	-14.33	0.061
Tk-ObjetoPu ente	135	63.6775	After	Tk-Tarima	LinStatic	0.114	-11.533	0.061

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	136	64.61	Before	Tk-Tarima	LinStatic	0.114	-11.533	0.061
Tk-ObjetoPu ente	137	64.61	After	Tk-Tarima	LinStatic	0.166	-8.735	0.089
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Tarima	LinStatic	0.166	-8.735	0.089
Tk-ObjetoPu ente	139	65.5425	After	Tk-Tarima	LinStatic	0.166	-5.938	0.089
Tk-ObjetoPu ente	140	66.475	Before	Tk-Tarima	LinStatic	0.166	-5.938	0.089
Tk-ObjetoPu ente	141	66.475	After	Tk-Tarima	LinStatic	0.19	-3.14	0.102
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Tarima	LinStatic	0.19	-3.14	0.102
Tk-ObjetoPu ente	143	67.4075	After	Tk-Tarima	LinStatic	0.19	-0.343	0.102
Tk-ObjetoPu ente	144	68.34	Before	Tk-Tarima	LinStatic	0.19	-0.343	0.102
Tk-ObjetoPu ente	145	68.34	After	Tk-Tarima	LinStatic	0.184	2.455	0.099
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Tarima	LinStatic	0.184	2.455	0.099
Tk-ObjetoPu ente	147	69.2725	After	Tk-Tarima	LinStatic	0.184	5.252	0.099
Tk-ObjetoPu ente	148	70.205	Before	Tk-Tarima	LinStatic	0.184	5.252	0.099
Tk-ObjetoPu ente	149	70.205	After	Tk-Tarima	LinStatic	0.15	8.05	0.08
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Tarima	LinStatic	0.15	8.05	0.08
Tk-ObjetoPu ente	151	71.1375	After	Tk-Tarima	LinStatic	0.15	10.847	0.08
Tk-ObjetoPu ente	152	72.07	Before	Tk-Tarima	LinStatic	0.15	10.847	0.08
Tk-ObjetoPu ente	153	72.07	After	Tk-Tarima	LinStatic	0.087	13.645	0.047
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Tarima	LinStatic	0.087	13.645	0.047
Tk-ObjetoPu ente	155	73.0025	After	Tk-Tarima	LinStatic	0.087	16.442	0.047
Tk-ObjetoPu ente	156	73.935	Before	Tk-Tarima	LinStatic	0.087	16.442	0.047
Tk-ObjetoPu ente	157	73.935	After	Tk-Tarima	LinStatic	-4.441E-03	19.24	-2.392E-03
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Tarima	LinStatic	-4.441E-03	19.24	-2.392E-03
Tk-ObjetoPu ente	159	74.8675	After	Tk-Tarima	LinStatic	-4.441E-03	22.037	-2.392E-03
Tk-ObjetoPu ente	160	75.8	Before	Tk-Tarima	LinStatic	-4.441E-03	22.037	-2.392E-03
Tk-ObjetoPu ente	161	75.8	After	Tk-Tarima	LinStatic	-0.125	24.835	-0.067
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Tarima	LinStatic	-0.125	24.835	-0.067
Tk-ObjetoPu ente	163	76.7325	After	Tk-Tarima	LinStatic	-0.125	27.632	-0.067
Tk-ObjetoPu ente	164	77.665	Before	Tk-Tarima	LinStatic	-0.125	27.632	-0.067
Tk-ObjetoPu ente	165	77.665	After	Tk-Tarima	LinStatic	-0.274	30.43	-0.147

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Tarima	LinStatic	-0.274	30.43	-0.147
Tk-ObjetoPu ente	167	78.5975	After	Tk-Tarima	LinStatic	-0.274	33.227	-0.147
Tk-ObjetoPu ente	168	79.53	Before	Tk-Tarima	LinStatic	-0.274	33.227	-0.147
Tk-ObjetoPu ente	169	79.53	After	Tk-Tarima	LinStatic	-0.274	-32.846	-0.148
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Tarima	LinStatic	-0.274	-32.846	-0.148
Tk-ObjetoPu ente	171	80.45917	After	Tk-Tarima	LinStatic	-0.274	-30.059	-0.148
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Tarima	LinStatic	-0.274	-30.059	-0.148
Tk-ObjetoPu ente	173	81.38833	After	Tk-Tarima	LinStatic	-0.128	-27.271	-0.069
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Tarima	LinStatic	-0.128	-27.271	-0.069
Tk-ObjetoPu ente	175	82.3175	After	Tk-Tarima	LinStatic	-0.128	-24.484	-0.069
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Tarima	LinStatic	-0.128	-24.484	-0.069
Tk-ObjetoPu ente	177	83.24667	After	Tk-Tarima	LinStatic	-0.01	-21.696	-5.525E-03
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Tarima	LinStatic	-0.01	-21.696	-5.525E-03
Tk-ObjetoPu ente	179	84.17584	After	Tk-Tarima	LinStatic	-0.01	-18.909	-5.525E-03
Tk-ObjetoPu ente	180	85.105	Before	Tk-Tarima	LinStatic	-0.01	-18.909	-5.525E-03
Tk-ObjetoPu ente	181	85.105	After	Tk-Tarima	LinStatic	0.079	-16.121	0.043
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Tarima	LinStatic	0.079	-16.121	0.043
Tk-ObjetoPu ente	183	86.03417	After	Tk-Tarima	LinStatic	0.079	-13.334	0.043
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Tarima	LinStatic	0.079	-13.334	0.043
Tk-ObjetoPu ente	185	86.96333	After	Tk-Tarima	LinStatic	0.14	-10.546	0.075
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Tarima	LinStatic	0.14	-10.546	0.075
Tk-ObjetoPu ente	187	87.8925	After	Tk-Tarima	LinStatic	0.14	-7.759	0.075
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Tarima	LinStatic	0.14	-7.759	0.075
Tk-ObjetoPu ente	189	88.82167	After	Tk-Tarima	LinStatic	0.172	-4.971	0.093
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Tarima	LinStatic	0.172	-4.971	0.093
Tk-ObjetoPu ente	191	89.75084	After	Tk-Tarima	LinStatic	0.172	-2.184	0.093
Tk-ObjetoPu ente	192	90.68	Before	Tk-Tarima	LinStatic	0.172	-2.184	0.093
Tk-ObjetoPu ente	193	90.68	After	Tk-Tarima	LinStatic	0.177	0.604	0.095
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Tarima	LinStatic	0.177	0.604	0.095
Tk-ObjetoPu ente	195	91.60917	After	Tk-Tarima	LinStatic	0.177	3.391	0.095

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Tarima	LinStatic	0.177	3.391	0.095
Tk-ObjetoPu ente	197	92.53833	After	Tk-Tarima	LinStatic	0.152	6.179	0.082
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Tarima	LinStatic	0.152	6.179	0.082
Tk-ObjetoPu ente	199	93.4675	After	Tk-Tarima	LinStatic	0.152	8.966	0.082
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Tarima	LinStatic	0.152	8.966	0.082
Tk-ObjetoPu ente	201	94.39667	After	Tk-Tarima	LinStatic	0.099	11.754	0.053
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Tarima	LinStatic	0.099	11.754	0.053
Tk-ObjetoPu ente	203	95.32584	After	Tk-Tarima	LinStatic	0.099	14.541	0.053
Tk-ObjetoPu ente	204	96.255	Before	Tk-Tarima	LinStatic	0.099	14.541	0.053
Tk-ObjetoPu ente	205	96.255	After	Tk-Tarima	LinStatic	0.018	17.329	9.645E-03
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Tarima	LinStatic	0.018	17.329	9.645E-03
Tk-ObjetoPu ente	207	97.18417	After	Tk-Tarima	LinStatic	0.018	20.116	9.645E-03
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Tarima	LinStatic	0.018	20.116	9.645E-03
Tk-ObjetoPu ente	209	98.11333	After	Tk-Tarima	LinStatic	-0.092	22.904	-0.049
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Tarima	LinStatic	-0.092	22.904	-0.049
Tk-ObjetoPu ente	211	99.0425	After	Tk-Tarima	LinStatic	-0.092	25.691	-0.049
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Tarima	LinStatic	-0.092	25.691	-0.049
Tk-ObjetoPu ente	213	99.97167	After	Tk-Tarima	LinStatic	-0.23	28.479	-0.124
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Tarima	LinStatic	-0.23	28.479	-0.124
Tk-ObjetoPu ente	215	100.90084	After	Tk-Tarima	LinStatic	-0.23	31.266	-0.124
Tk-ObjetoPu ente	216	101.83	Before	Tk-Tarima	LinStatic	-0.23	31.266	-0.124
Tk-ObjetoPu ente	217	101.83	After	Tk-Tarima	LinStatic	-0.24	-29.899	-0.122
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Tarima	LinStatic	-0.24	-29.899	-0.122
Tk-ObjetoPu ente	219	102.8125	After	Tk-Tarima	LinStatic	-0.24	-26.951	-0.122
Tk-ObjetoPu ente	220	103.795	Before	Tk-Tarima	LinStatic	-0.24	-26.951	-0.122
Tk-ObjetoPu ente	221	103.795	After	Tk-Tarima	LinStatic	-0.096	-24.004	-0.049
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Tarima	LinStatic	-0.096	-24.004	-0.049
Tk-ObjetoPu ente	223	104.7775	After	Tk-Tarima	LinStatic	-0.096	-21.056	-0.049
Tk-ObjetoPu ente	224	105.76	Before	Tk-Tarima	LinStatic	-0.096	-21.056	-0.049
Tk-ObjetoPu ente	225	105.76	After	Tk-Tarima	LinStatic	0.014	-18.109	7.267E-03

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Tarima	LinStatic	0.014	-18.109	7.267E-03
Tk-ObjetoPu ente	227	106.7425	After	Tk-Tarima	LinStatic	0.014	-15.161	7.267E-03
Tk-ObjetoPu ente	228	107.725	Before	Tk-Tarima	LinStatic	0.014	-15.161	7.267E-03
Tk-ObjetoPu ente	229	107.725	After	Tk-Tarima	LinStatic	0.091	-12.214	0.047
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Tarima	LinStatic	0.091	-12.214	0.047
Tk-ObjetoPu ente	231	108.7075	After	Tk-Tarima	LinStatic	0.091	-9.266	0.047
Tk-ObjetoPu ente	232	109.69	Before	Tk-Tarima	LinStatic	0.091	-9.266	0.047
Tk-ObjetoPu ente	233	109.69	After	Tk-Tarima	LinStatic	0.135	-6.319	0.069
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Tarima	LinStatic	0.135	-6.319	0.069
Tk-ObjetoPu ente	235	110.6725	After	Tk-Tarima	LinStatic	0.135	-3.371	0.069
Tk-ObjetoPu ente	236	111.655	Before	Tk-Tarima	LinStatic	0.135	-3.371	0.069
Tk-ObjetoPu ente	237	111.655	After	Tk-Tarima	LinStatic	0.146	-0.424	0.074
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Tarima	LinStatic	0.146	-0.424	0.074
Tk-ObjetoPu ente	239	112.6375	After	Tk-Tarima	LinStatic	0.146	2.524	0.074
Tk-ObjetoPu ente	240	113.62	Before	Tk-Tarima	LinStatic	0.146	2.524	0.074
Tk-ObjetoPu ente	241	113.62	After	Tk-Tarima	LinStatic	0.124	5.471	0.063
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Tarima	LinStatic	0.124	5.471	0.063
Tk-ObjetoPu ente	243	114.6025	After	Tk-Tarima	LinStatic	0.124	8.419	0.063
Tk-ObjetoPu ente	244	115.585	Before	Tk-Tarima	LinStatic	0.124	8.419	0.063
Tk-ObjetoPu ente	245	115.585	After	Tk-Tarima	LinStatic	0.068	11.366	0.034
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Tarima	LinStatic	0.068	11.366	0.034
Tk-ObjetoPu ente	247	116.5675	After	Tk-Tarima	LinStatic	0.068	14.314	0.034
Tk-ObjetoPu ente	248	117.55	Before	Tk-Tarima	LinStatic	0.068	14.314	0.034
Tk-ObjetoPu ente	249	117.55	After	Tk-Tarima	LinStatic	-0.021	17.261	-0.011
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Tarima	LinStatic	-0.021	17.261	-0.011
Tk-ObjetoPu ente	251	118.5325	After	Tk-Tarima	LinStatic	-0.021	20.209	-0.011
Tk-ObjetoPu ente	252	119.515	Before	Tk-Tarima	LinStatic	-0.021	20.209	-0.011
Tk-ObjetoPu ente	253	119.515	After	Tk-Tarima	LinStatic	-0.144	23.156	-0.073
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Tarima	LinStatic	-0.144	23.156	-0.073
Tk-ObjetoPu ente	255	120.4975	After	Tk-Tarima	LinStatic	-0.144	26.104	-0.073

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	256	121.48	Before	Tk-Tarima	LinStatic	-0.144	26.104	-0.073
Tk-ObjetoPu ente	257	121.48	After	Tk-Tarima	LinStatic	-0.153	-23.252	-0.077
Tk-ObjetoPu ente	258	122.48	Before	Tk-Tarima	LinStatic	-0.153	-23.252	-0.077
Tk-ObjetoPu ente	259	122.48	After	Tk-Tarima	LinStatic	-0.153	-20.252	-0.077
Tk-ObjetoPu ente	260	123.48	Before	Tk-Tarima	LinStatic	-0.153	-20.252	-0.077
Tk-ObjetoPu ente	261	123.48	After	Tk-Tarima	LinStatic	-0.043	-17.252	-0.022
Tk-ObjetoPu ente	262	124.48	Before	Tk-Tarima	LinStatic	-0.043	-17.252	-0.022
Tk-ObjetoPu ente	263	124.48	After	Tk-Tarima	LinStatic	-0.043	-14.252	-0.022
Tk-ObjetoPu ente	264	125.48	Before	Tk-Tarima	LinStatic	-0.043	-14.252	-0.022
Tk-ObjetoPu ente	265	125.48	After	Tk-Tarima	LinStatic	0.031	-11.252	0.015
Tk-ObjetoPu ente	266	126.48	Before	Tk-Tarima	LinStatic	0.031	-11.252	0.015
Tk-ObjetoPu ente	267	126.48	After	Tk-Tarima	LinStatic	0.031	-8.252	0.015
Tk-ObjetoPu ente	268	127.48	Before	Tk-Tarima	LinStatic	0.031	-8.252	0.015
Tk-ObjetoPu ente	269	127.48	After	Tk-Tarima	LinStatic	0.07	-5.252	0.035
Tk-ObjetoPu ente	270	128.48	Before	Tk-Tarima	LinStatic	0.07	-5.252	0.035
Tk-ObjetoPu ente	271	128.48	After	Tk-Tarima	LinStatic	0.07	-2.252	0.035
Tk-ObjetoPu ente	272	129.48	Before	Tk-Tarima	LinStatic	0.07	-2.252	0.035
Tk-ObjetoPu ente	273	129.48	After	Tk-Tarima	LinStatic	-3.330E-09	0.748	1.211E-09
Tk-ObjetoPu ente	274	130.48	Before	Tk-Tarima	LinStatic	-3.330E-09	0.748	1.211E-09
Tk-ObjetoPu ente	275	130.48	After	Tk-Tarima	LinStatic	-3.331E-09	3.748	1.211E-09
Tk-ObjetoPu ente	276	131.48	Before	Tk-Tarima	LinStatic	-3.331E-09	3.748	1.211E-09
Tk-ObjetoPu ente	277	131.48	After	Tk-Tarima	LinStatic	0.047	5.248	0.024
Tk-ObjetoPu ente	278	132.48	Before	Tk-Tarima	LinStatic	0.047	5.248	0.024
Tk-ObjetoPu ente	279	132.48	After	Tk-Tarima	LinStatic	0.047	5.248	0.024
Tk-ObjetoPu ente	280	133.48	Before	Tk-Tarima	LinStatic	0.047	5.248	0.024
Tk-ObjetoPu ente	281	133.48	After	Tk-Tarima	LinStatic	-3.332E-09	5.248	1.211E-09
Tk-ObjetoPu ente	282	134.48	Before	Tk-Tarima	LinStatic	-3.332E-09	5.248	1.211E-09
Tk-ObjetoPu ente	283	134.48	After	Tk-Tarima	LinStatic	-3.332E-09	5.248	1.211E-09
Tk-ObjetoPu ente	284	135.48	Before	Tk-Tarima	LinStatic	-3.332E-09	5.248	1.211E-09

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis1	LinStatic	-5.613E-08	-28.578	-1.220E-09
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis1	LinStatic	-5.613E-08	-28.578	-1.220E-09
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis1	LinStatic	-5.613E-08	-23.925	-1.220E-09
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis1	LinStatic	-5.613E-08	-23.925	-1.220E-09
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis1	LinStatic	0.188	-19.272	0.101
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis1	LinStatic	0.188	-19.272	0.101
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis1	LinStatic	0.188	-14.619	0.101
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis1	LinStatic	0.188	-14.619	0.101
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis1	LinStatic	0.251	-9.967	0.135
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis1	LinStatic	0.251	-9.967	0.135
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis1	LinStatic	0.251	-5.314	0.135
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis1	LinStatic	0.251	-5.314	0.135
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis1	LinStatic	0.266	-0.661	0.143
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis1	LinStatic	0.266	-0.661	0.143
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis1	LinStatic	0.266	3.992	0.143
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis1	LinStatic	0.266	3.992	0.143
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis1	LinStatic	0.234	8.645	0.126
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis1	LinStatic	0.234	8.645	0.126
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis1	LinStatic	0.234	13.297	0.126
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis1	LinStatic	0.234	13.297	0.126

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis1	LinStatic	0.154	17.95	0.083
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis1	LinStatic	0.154	17.95	0.083
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis1	LinStatic	0.154	22.603	0.083
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis1	LinStatic	0.154	22.603	0.083
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis1	LinStatic	0.026	27.256	0.014
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis1	LinStatic	0.026	27.256	0.014
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis1	LinStatic	0.026	31.908	0.014
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis1	LinStatic	0.026	31.908	0.014
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis1	LinStatic	-0.148	36.561	-0.08
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.148	36.561	-0.08
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis1	LinStatic	-0.148	41.214	-0.08
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.148	41.214	-0.08
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis1	LinStatic	-0.372	45.867	-0.2
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.372	45.867	-0.2
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis1	LinStatic	-0.372	50.52	-0.2
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.372	50.52	-0.2
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis1	LinStatic	-0.375	-50.999	-0.197
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.375	-50.999	-0.197
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis1	LinStatic	-0.375	-46.226	-0.197
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.375	-46.226	-0.197

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis1	LinStatic	-0.14	-41.454	-0.073
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.14	-41.454	-0.073
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis1	LinStatic	-0.14	-36.681	-0.073
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.14	-36.681	-0.073
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis1	LinStatic	0.044	-31.908	0.023
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis1	LinStatic	0.044	-31.908	0.023
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis1	LinStatic	0.044	-27.136	0.023
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis1	LinStatic	0.044	-27.136	0.023
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis1	LinStatic	0.176	-22.363	0.092
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis1	LinStatic	0.176	-22.363	0.092
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis1	LinStatic	0.176	-17.59	0.092
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis1	LinStatic	0.176	-17.59	0.092
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis1	LinStatic	0.258	-12.817	0.135
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis1	LinStatic	0.258	-12.817	0.135
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis1	LinStatic	0.258	-8.045	0.135
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis1	LinStatic	0.258	-8.045	0.135
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis1	LinStatic	0.288	-3.272	0.151
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis1	LinStatic	0.288	-3.272	0.151
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis1	LinStatic	0.288	1.501	0.151
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis1	LinStatic	0.288	1.501	0.151

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis1	LinStatic	0.267	6.274	0.14
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis1	LinStatic	0.267	6.274	0.14
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis1	LinStatic	0.267	11.046	0.14
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis1	LinStatic	0.267	11.046	0.14
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis1	LinStatic	0.195	15.819	0.102
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis1	LinStatic	0.195	15.819	0.102
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis1	LinStatic	0.195	20.592	0.102
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis1	LinStatic	0.195	20.592	0.102
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis1	LinStatic	0.072	25.364	0.038
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis1	LinStatic	0.072	25.364	0.038
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis1	LinStatic	0.072	30.137	0.038
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis1	LinStatic	0.072	30.137	0.038
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis1	LinStatic	-0.102	34.91	-0.053
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.102	34.91	-0.053
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis1	LinStatic	-0.102	39.683	-0.053
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.102	39.683	-0.053
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis1	LinStatic	-0.328	44.455	-0.172
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.328	44.455	-0.172
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis1	LinStatic	-0.328	49.228	-0.172
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.328	49.228	-0.172

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis1	LinStatic	-0.341	-45.336	-0.176
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.341	-45.336	-0.176
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis1	LinStatic	-0.341	-40.486	-0.176
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.341	-40.486	-0.176
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis1	LinStatic	-0.13	-35.636	-0.067
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.13	-35.636	-0.067
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis1	LinStatic	-0.13	-30.786	-0.067
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.13	-30.786	-0.067
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis1	LinStatic	0.026	-25.936	0.013
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis1	LinStatic	0.026	-25.936	0.013
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis1	LinStatic	0.026	-21.086	0.013
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis1	LinStatic	0.026	-21.086	0.013
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis1	LinStatic	0.129	-16.236	0.066
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis1	LinStatic	0.129	-16.236	0.066
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis1	LinStatic	0.129	-11.386	0.066
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis1	LinStatic	0.129	-11.386	0.066
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis1	LinStatic	0.178	-6.536	0.092
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.178	-6.536	0.092
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.178	-1.686	0.092
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis1	LinStatic	0.178	-1.686	0.092

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis1	LinStatic	0.174	3.164	0.09
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis1	LinStatic	0.174	3.164	0.09
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis1	LinStatic	0.174	8.014	0.09
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis1	LinStatic	0.174	8.014	0.09
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis1	LinStatic	0.117	12.864	0.06
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis1	LinStatic	0.117	12.864	0.06
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis1	LinStatic	0.117	17.714	0.06
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis1	LinStatic	0.117	17.714	0.06
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis1	LinStatic	5.593E-03	22.564	2.870E-03
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis1	LinStatic	5.593E-03	22.564	2.870E-03
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis1	LinStatic	5.593E-03	27.414	2.870E-03
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis1	LinStatic	5.593E-03	27.414	2.870E-03
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis1	LinStatic	-0.159	32.264	-0.082
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.159	32.264	-0.082
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis1	LinStatic	-0.159	37.114	-0.082
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.159	37.114	-0.082
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis1	LinStatic	-0.377	41.964	-0.195
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.377	41.964	-0.195
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis1	LinStatic	-0.377	46.814	-0.195
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.377	46.814	-0.195

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis1	LinStatic	-0.357	-51.828	-0.191
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.357	-51.828	-0.191
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis1	LinStatic	-0.357	-47.165	-0.191
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.357	-47.165	-0.191
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis1	LinStatic	-0.126	-42.503	-0.068
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.126	-42.503	-0.068
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis1	LinStatic	-0.126	-37.84	-0.068
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.126	-37.84	-0.068
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis1	LinStatic	0.056	-33.178	0.03
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis1	LinStatic	0.056	-33.178	0.03
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis1	LinStatic	0.056	-28.515	0.03
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis1	LinStatic	0.056	-28.515	0.03
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis1	LinStatic	0.19	-23.853	0.102
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis1	LinStatic	0.19	-23.853	0.102
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis1	LinStatic	0.19	-19.19	0.102
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis1	LinStatic	0.19	-19.19	0.102
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis1	LinStatic	0.277	-14.528	0.148
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis1	LinStatic	0.277	-14.528	0.148
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis1	LinStatic	0.277	-9.865	0.148
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis1	LinStatic	0.277	-9.865	0.148

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis1	LinStatic	0.316	-5.203	0.169
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis1	LinStatic	0.316	-5.203	0.169
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis1	LinStatic	0.316	-0.54	0.169
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis1	LinStatic	0.316	-0.54	0.169
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis1	LinStatic	0.306	4.122	0.164
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis1	LinStatic	0.306	4.122	0.164
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis1	LinStatic	0.306	8.785	0.164
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis1	LinStatic	0.306	8.785	0.164
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis1	LinStatic	0.249	13.447	0.134
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis1	LinStatic	0.249	13.447	0.134
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis1	LinStatic	0.249	18.11	0.134
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis1	LinStatic	0.249	18.11	0.134
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis1	LinStatic	0.144	22.772	0.077
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis1	LinStatic	0.144	22.772	0.077
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis1	LinStatic	0.144	27.435	0.077
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis1	LinStatic	0.144	27.435	0.077
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis1	LinStatic	-8.497E-03	32.097	-4.574E-03
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis1	LinStatic	-8.497E-03	32.097	-4.574E-03
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis1	LinStatic	-8.497E-03	36.76	-4.574E-03
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis1	LinStatic	-8.497E-03	36.76	-4.574E-03

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis1	LinStatic	-0.209	41.422	-0.112
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.209	41.422	-0.112
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis1	LinStatic	-0.209	46.085	-0.112
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.209	46.085	-0.112
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis1	LinStatic	-0.458	50.747	-0.246
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.458	50.747	-0.246
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis1	LinStatic	-0.458	55.41	-0.246
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.458	55.41	-0.246
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis1	LinStatic	-0.458	-54.861	-0.247
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.458	-54.861	-0.247
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis1	LinStatic	-0.458	-50.215	-0.247
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.458	-50.215	-0.247
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis1	LinStatic	-0.214	-45.569	-0.115
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.214	-45.569	-0.115
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis1	LinStatic	-0.214	-40.923	-0.115
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.214	-40.923	-0.115
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis1	LinStatic	-0.017	-36.278	-9.205E-03
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.017	-36.278	-9.205E-03
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis1	LinStatic	-0.017	-31.632	-9.205E-03
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.017	-31.632	-9.205E-03

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis1	LinStatic	0.132	-26.986	0.071
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis1	LinStatic	0.132	-26.986	0.071
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis1	LinStatic	0.132	-22.34	0.071
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis1	LinStatic	0.132	-22.34	0.071
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis1	LinStatic	0.235	-17.694	0.126
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis1	LinStatic	0.235	-17.694	0.126
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis1	LinStatic	0.235	-13.048	0.126
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis1	LinStatic	0.235	-13.048	0.126
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis1	LinStatic	0.289	-8.403	0.156
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis1	LinStatic	0.289	-8.403	0.156
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis1	LinStatic	0.289	-3.757	0.156
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis1	LinStatic	0.289	-3.757	0.156
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis1	LinStatic	0.297	0.889	0.16
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis1	LinStatic	0.297	0.889	0.16
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis1	LinStatic	0.297	5.535	0.16
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis1	LinStatic	0.297	5.535	0.16
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis1	LinStatic	0.256	10.181	0.138
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis1	LinStatic	0.256	10.181	0.138
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis1	LinStatic	0.256	14.826	0.138
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis1	LinStatic	0.256	14.826	0.138

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis1	LinStatic	0.169	19.472	0.091
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis1	LinStatic	0.169	19.472	0.091
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis1	LinStatic	0.169	24.118	0.091
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis1	LinStatic	0.169	24.118	0.091
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis1	LinStatic	0.034	28.764	0.018
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis1	LinStatic	0.034	28.764	0.018
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis1	LinStatic	0.034	33.41	0.018
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis1	LinStatic	0.034	33.41	0.018
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis1	LinStatic	-0.148	38.056	-0.08
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.148	38.056	-0.08
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis1	LinStatic	-0.148	42.701	-0.08
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.148	42.701	-0.08
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis1	LinStatic	-0.378	47.347	-0.203
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.378	47.347	-0.203
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis1	LinStatic	-0.378	51.993	-0.203
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.378	51.993	-0.203
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis1	LinStatic	-0.396	-49.296	-0.201
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.396	-49.296	-0.201
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis1	LinStatic	-0.396	-44.383	-0.201
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.396	-44.383	-0.201

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis1	LinStatic	-0.159	-39.471	-0.081
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.159	-39.471	-0.081
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis1	LinStatic	-0.159	-34.558	-0.081
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.159	-34.558	-0.081
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis1	LinStatic	0.022	-29.646	0.011
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis1	LinStatic	0.022	-29.646	0.011
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis1	LinStatic	0.022	-24.733	0.011
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis1	LinStatic	0.022	-24.733	0.011
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis1	LinStatic	0.148	-19.821	0.075
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis1	LinStatic	0.148	-19.821	0.075
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis1	LinStatic	0.148	-14.908	0.075
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis1	LinStatic	0.148	-14.908	0.075
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis1	LinStatic	0.218	-9.996	0.111
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis1	LinStatic	0.218	-9.996	0.111
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis1	LinStatic	0.218	-5.083	0.111
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis1	LinStatic	0.218	-5.083	0.111
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis1	LinStatic	0.233	-0.171	0.118
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis1	LinStatic	0.233	-0.171	0.118
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis1	LinStatic	0.233	4.742	0.118
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis1	LinStatic	0.233	4.742	0.118

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis1	LinStatic	0.192	9.654	0.098
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis1	LinStatic	0.192	9.654	0.098
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis1	LinStatic	0.192	14.567	0.098
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis1	LinStatic	0.192	14.567	0.098
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis1	LinStatic	0.096	19.479	0.049
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis1	LinStatic	0.096	19.479	0.049
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis1	LinStatic	0.096	24.392	0.049
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis1	LinStatic	0.096	24.392	0.049
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis1	LinStatic	-0.055	29.304	-0.028
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.055	29.304	-0.028
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis1	LinStatic	-0.055	34.217	-0.028
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.055	34.217	-0.028
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis1	LinStatic	-0.263	39.129	-0.134
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.263	39.129	-0.134
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis1	LinStatic	-0.263	44.042	-0.134
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.263	44.042	-0.134
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis1	LinStatic	-0.27	-42.214	-0.135
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.27	-42.214	-0.135
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis1	LinStatic	-0.27	-37.214	-0.135
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.27	-37.214	-0.135

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis1	LinStatic	-0.067	-32.214	-0.033
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.067	-32.214	-0.033
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis1	LinStatic	-0.067	-27.214	-0.033
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-0.067	-27.214	-0.033
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.077	-22.214	0.038
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.077	-22.214	0.038
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.077	-17.214	0.038
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.077	-17.214	0.038
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.163	-12.214	0.081
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.163	-12.214	0.081
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.163	-7.214	0.081
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.163	-7.214	0.081
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis1	LinStatic	-3.553E-09	-2.214	-1.477E-09
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-3.553E-09	-2.214	-1.477E-09
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis1	LinStatic	-3.553E-09	2.786	-1.477E-09
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-3.553E-09	2.786	-1.477E-09
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.159	7.786	0.079
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.159	7.786	0.079
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis1	LinStatic	0.159	12.786	0.079
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis1	LinStatic	0.159	12.786	0.079

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis1	LinStatic	-3.554E-09	17.786	-1.477E-09
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-3.554E-09	17.786	-1.477E-09
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis1	LinStatic	-3.554E-09	22.786	-1.477E-09
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis1	LinStatic	-3.554E-09	22.786	-1.477E-09
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis2	LinStatic	-8.344E-08	-36.312	-8.830E-10
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis2	LinStatic	-8.344E-08	-36.312	-8.831E-10
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis2	LinStatic	-8.344E-08	-31.659	-8.832E-10
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis2	LinStatic	-8.344E-08	-31.659	-8.833E-10
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis2	LinStatic	0.247	-27.006	0.133
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis2	LinStatic	0.247	-27.006	0.133
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis2	LinStatic	0.247	-22.354	0.133
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis2	LinStatic	0.247	-22.354	0.133
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis2	LinStatic	0.35	-17.701	0.188
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis2	LinStatic	0.35	-17.701	0.188
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis2	LinStatic	0.35	-13.048	0.188
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis2	LinStatic	0.35	-13.048	0.188
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis2	LinStatic	0.405	-8.395	0.218
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis2	LinStatic	0.405	-8.395	0.218
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis2	LinStatic	0.405	-3.743	0.218
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis2	LinStatic	0.405	-3.743	0.218

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis2	LinStatic	0.412	0.91	0.221
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis2	LinStatic	0.412	0.91	0.221
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis2	LinStatic	0.412	5.563	0.221
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis2	LinStatic	0.412	5.563	0.221
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis2	LinStatic	0.372	10.216	0.2
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis2	LinStatic	0.372	10.216	0.2
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis2	LinStatic	0.372	14.869	0.2
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis2	LinStatic	0.372	14.869	0.2
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis2	LinStatic	0.284	19.521	0.152
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis2	LinStatic	0.284	19.521	0.152
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis2	LinStatic	0.284	24.174	0.152
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis2	LinStatic	0.284	24.174	0.152
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis2	LinStatic	0.147	28.827	0.079
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis2	LinStatic	0.147	28.827	0.079
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis2	LinStatic	0.147	33.48	0.079
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis2	LinStatic	0.147	33.48	0.079
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis2	LinStatic	-0.038	38.132	-0.02
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.038	38.132	-0.02
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis2	LinStatic	-0.038	42.785	-0.02
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.038	42.785	-0.02

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis2	LinStatic	-0.154	1.405	-0.081
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.154	1.405	-0.081
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis2	LinStatic	-0.154	1.405	-0.081
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.154	1.405	-0.081
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis2	LinStatic	-0.163	1.405	-0.085
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.163	1.405	-0.085
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis2	LinStatic	-0.163	1.405	-0.085
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.163	1.405	-0.085
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis2	LinStatic	-0.171	1.405	-0.089
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.171	1.405	-0.089
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis2	LinStatic	-0.171	1.405	-0.089
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.171	1.405	-0.089
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis2	LinStatic	-0.179	1.405	-0.094
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.179	1.405	-0.094
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis2	LinStatic	-0.179	1.405	-0.094
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.179	1.405	-0.094
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis2	LinStatic	-0.186	1.405	-0.098
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.186	1.405	-0.098
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis2	LinStatic	-0.186	1.405	-0.098
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.186	1.405	-0.098

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis2	LinStatic	-0.194	1.405	-0.101
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.194	1.405	-0.101
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis2	LinStatic	-0.194	1.405	-0.101
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.194	1.405	-0.101
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis2	LinStatic	-0.201	1.405	-0.105
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.201	1.405	-0.105
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis2	LinStatic	-0.201	1.405	-0.105
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.201	1.405	-0.105
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis2	LinStatic	-0.209	1.405	-0.109
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.209	1.405	-0.109
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis2	LinStatic	-0.209	1.405	-0.109
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.209	1.405	-0.109
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis2	LinStatic	-0.216	1.405	-0.113
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.216	1.405	-0.113
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis2	LinStatic	-0.216	1.405	-0.113
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.216	1.405	-0.113
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis2	LinStatic	-0.223	1.405	-0.117
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.223	1.405	-0.117
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis2	LinStatic	-0.223	1.405	-0.117
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.223	1.405	-0.117

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis2	LinStatic	-0.229	1.405	-0.12
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.229	1.405	-0.12
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis2	LinStatic	-0.229	1.405	-0.12
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.229	1.405	-0.12
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis2	LinStatic	-0.106	-47.224	-0.055
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.106	-47.224	-0.055
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis2	LinStatic	-0.106	-42.374	-0.055
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.106	-42.374	-0.055
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis2	LinStatic	0.116	-37.524	0.06
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis2	LinStatic	0.116	-37.524	0.06
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis2	LinStatic	0.116	-32.674	0.06
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis2	LinStatic	0.116	-32.674	0.06
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis2	LinStatic	0.283	-27.824	0.146
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis2	LinStatic	0.283	-27.824	0.146
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis2	LinStatic	0.283	-22.974	0.146
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis2	LinStatic	0.283	-22.974	0.146
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis2	LinStatic	0.397	-18.124	0.205
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis2	LinStatic	0.397	-18.124	0.205
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis2	LinStatic	0.397	-13.274	0.205
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis2	LinStatic	0.397	-13.274	0.205

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis2	LinStatic	0.457	-8.424	0.235
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.457	-8.424	0.235
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.457	-3.574	0.235
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis2	LinStatic	0.457	-3.574	0.235
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis2	LinStatic	0.463	1.276	0.239
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis2	LinStatic	0.463	1.276	0.239
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis2	LinStatic	0.463	6.126	0.239
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis2	LinStatic	0.463	6.126	0.239
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis2	LinStatic	0.416	10.976	0.214
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis2	LinStatic	0.416	10.976	0.214
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis2	LinStatic	0.416	15.826	0.214
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis2	LinStatic	0.416	15.826	0.214
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis2	LinStatic	0.315	20.676	0.162
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis2	LinStatic	0.315	20.676	0.162
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis2	LinStatic	0.315	25.526	0.162
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis2	LinStatic	0.315	25.526	0.162
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis2	LinStatic	0.16	30.376	0.083
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis2	LinStatic	0.16	30.376	0.083
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis2	LinStatic	0.16	35.226	0.083
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis2	LinStatic	0.16	35.226	0.083

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis2	LinStatic	-0.049	40.076	-0.025
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.049	40.076	-0.025
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis2	LinStatic	-0.049	44.926	-0.025
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.049	44.926	-0.025
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis2	LinStatic	-0.172	2.004	-0.092
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.172	2.004	-0.092
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis2	LinStatic	-0.172	2.004	-0.092
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.172	2.004	-0.092
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis2	LinStatic	-0.184	2.004	-0.099
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.184	2.004	-0.099
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis2	LinStatic	-0.184	2.004	-0.099
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.184	2.004	-0.099
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis2	LinStatic	-0.195	2.004	-0.104
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.195	2.004	-0.104
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis2	LinStatic	-0.195	2.004	-0.104
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.195	2.004	-0.104
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis2	LinStatic	-0.205	2.004	-0.11
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.205	2.004	-0.11
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis2	LinStatic	-0.205	2.004	-0.11
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.205	2.004	-0.11

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis2	LinStatic	-0.216	2.004	-0.116
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.216	2.004	-0.116
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis2	LinStatic	-0.216	2.004	-0.116
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.216	2.004	-0.116
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis2	LinStatic	-0.226	2.004	-0.121
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.226	2.004	-0.121
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis2	LinStatic	-0.226	2.004	-0.121
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.226	2.004	-0.121
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis2	LinStatic	-0.236	2.004	-0.127
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.236	2.004	-0.127
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis2	LinStatic	-0.236	2.004	-0.127
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.236	2.004	-0.127
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis2	LinStatic	-0.247	2.004	-0.132
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.247	2.004	-0.132
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis2	LinStatic	-0.247	2.004	-0.132
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.247	2.004	-0.132
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis2	LinStatic	-0.257	2.004	-0.138
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.257	2.004	-0.138
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis2	LinStatic	-0.257	2.004	-0.138
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.257	2.004	-0.138

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis2	LinStatic	-0.267	2.004	-0.143
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.267	2.004	-0.143
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis2	LinStatic	-0.267	2.004	-0.143
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.267	2.004	-0.143
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis2	LinStatic	-0.276	2.004	-0.148
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.276	2.004	-0.148
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis2	LinStatic	-0.276	2.004	-0.148
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.276	2.004	-0.148
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis2	LinStatic	-0.285	2.004	-0.153
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.285	2.004	-0.153
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis2	LinStatic	-0.285	2.004	-0.153
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.285	2.004	-0.153
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis2	LinStatic	-0.156	-52.216	-0.084
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.156	-52.216	-0.084
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis2	LinStatic	-0.156	-47.57	-0.084
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.156	-47.57	-0.084
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis2	LinStatic	0.076	-42.924	0.041
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis2	LinStatic	0.076	-42.924	0.041
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis2	LinStatic	0.076	-38.278	0.041
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis2	LinStatic	0.076	-38.278	0.041

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis2	LinStatic	0.26	-33.633	0.14
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis2	LinStatic	0.26	-33.633	0.14
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis2	LinStatic	0.26	-28.987	0.14
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis2	LinStatic	0.26	-28.987	0.14
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis2	LinStatic	0.396	-24.341	0.213
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis2	LinStatic	0.396	-24.341	0.213
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis2	LinStatic	0.396	-19.695	0.213
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis2	LinStatic	0.396	-19.695	0.213
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis2	LinStatic	0.485	-15.049	0.261
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis2	LinStatic	0.485	-15.049	0.261
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis2	LinStatic	0.485	-10.403	0.261
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis2	LinStatic	0.485	-10.403	0.261
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis2	LinStatic	0.526	-5.758	0.283
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis2	LinStatic	0.526	-5.758	0.283
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis2	LinStatic	0.526	-1.112	0.283
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis2	LinStatic	0.526	-1.112	0.283
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis2	LinStatic	0.52	3.534	0.28
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis2	LinStatic	0.52	3.534	0.28
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis2	LinStatic	0.52	8.18	0.28
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis2	LinStatic	0.52	8.18	0.28

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis2	LinStatic	0.467	12.826	0.251
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis2	LinStatic	0.467	12.826	0.251
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis2	LinStatic	0.467	17.472	0.251
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis2	LinStatic	0.467	17.472	0.251
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis2	LinStatic	0.365	22.117	0.197
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis2	LinStatic	0.365	22.117	0.197
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis2	LinStatic	0.365	26.763	0.197
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis2	LinStatic	0.365	26.763	0.197
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis2	LinStatic	0.217	31.409	0.117
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis2	LinStatic	0.217	31.409	0.117
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis2	LinStatic	0.217	36.055	0.117
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis2	LinStatic	0.217	36.055	0.117
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis2	LinStatic	0.021	40.701	0.011
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis2	LinStatic	0.021	40.701	0.011
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis2	LinStatic	0.021	45.347	0.011
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis2	LinStatic	0.021	45.347	0.011
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis2	LinStatic	-0.224	49.992	-0.121
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.224	49.992	-0.121
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis2	LinStatic	-0.224	54.638	-0.121
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.224	54.638	-0.121

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis2	LinStatic	-0.363	-6.149	-0.185
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.363	-6.149	-0.185
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis2	LinStatic	-0.363	-6.149	-0.185
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.363	-6.149	-0.185
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis2	LinStatic	-0.33	-6.149	-0.168
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.33	-6.149	-0.168
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis2	LinStatic	-0.33	-6.149	-0.168
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.33	-6.149	-0.168
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis2	LinStatic	-0.296	-6.149	-0.15
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.296	-6.149	-0.15
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis2	LinStatic	-0.296	-6.149	-0.15
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.296	-6.149	-0.15
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis2	LinStatic	-0.261	-6.149	-0.133
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.261	-6.149	-0.133
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis2	LinStatic	-0.261	-6.149	-0.133
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.261	-6.149	-0.133
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis2	LinStatic	-0.227	-6.149	-0.115
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.227	-6.149	-0.115
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis2	LinStatic	-0.227	-6.149	-0.115
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.227	-6.149	-0.115

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis2	LinStatic	-0.192	-6.149	-0.098
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.192	-6.149	-0.098
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis2	LinStatic	-0.192	-6.149	-0.098
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.192	-6.149	-0.098
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis2	LinStatic	-0.157	-6.149	-0.08
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.157	-6.149	-0.08
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis2	LinStatic	-0.157	-6.149	-0.08
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.157	-6.149	-0.08
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis2	LinStatic	-0.122	-6.149	-0.062
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.122	-6.149	-0.062
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis2	LinStatic	-0.122	-6.149	-0.062
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.122	-6.149	-0.062
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis2	LinStatic	-0.087	-6.149	-0.044
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.087	-6.149	-0.044
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis2	LinStatic	-0.087	-6.149	-0.044
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.087	-6.149	-0.044
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis2	LinStatic	-0.052	-6.149	-0.026
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.052	-6.149	-0.026
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis2	LinStatic	-0.052	-6.149	-0.026
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis2	LinStatic	-0.052	-6.149	-0.026

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.062	-33.389	0.031
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.062	-33.389	0.031
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.062	-28.389	0.031
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.062	-28.389	0.031
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.215	-23.389	0.107
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.215	-23.389	0.107
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.215	-18.389	0.107
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.215	-18.389	0.107
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.308	-13.389	0.154
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.308	-13.389	0.154
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.308	-8.389	0.154
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.308	-8.389	0.154
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.342	-3.389	0.171
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.342	-3.389	0.171
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.342	1.611	0.171
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.342	1.611	0.171
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis2	LinStatic	-5.021E-09	6.611	-1.951E-09
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis2	LinStatic	-5.021E-09	6.611	-1.951E-09
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	11.611	-1.951E-09
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	11.611	-1.951E-09

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.236	16.611	0.118
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.236	16.611	0.118
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis2	LinStatic	0.236	21.611	0.118
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis2	LinStatic	0.236	21.611	0.118
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	26.611	-1.951E-09
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	26.611	-1.950E-09
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	31.611	-1.950E-09
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis2	LinStatic	-5.023E-09	31.611	-1.950E-09
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis3	LinStatic	2.731E-08	7.734	-3.370E-10
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis3	LinStatic	2.731E-08	7.734	-3.370E-10
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis3	LinStatic	2.731E-08	7.734	-3.370E-10
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis3	LinStatic	2.731E-08	7.734	-3.370E-10
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis3	LinStatic	-0.059	7.734	-0.032
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.059	7.734	-0.032
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis3	LinStatic	-0.059	7.734	-0.032
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.059	7.734	-0.032
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis3	LinStatic	-0.099	7.734	-0.053
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.099	7.734	-0.053
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis3	LinStatic	-0.099	7.734	-0.053
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.099	7.734	-0.053

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis3	LinStatic	-0.139	7.734	-0.074
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.139	7.734	-0.074
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis3	LinStatic	-0.139	7.734	-0.074
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.139	7.734	-0.074
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis3	LinStatic	-0.178	7.734	-0.096
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.178	7.734	-0.096
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis3	LinStatic	-0.178	7.734	-0.096
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.178	7.734	-0.096
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis3	LinStatic	-0.218	7.734	-0.117
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.218	7.734	-0.117
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis3	LinStatic	-0.218	7.734	-0.117
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.218	7.734	-0.117
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis3	LinStatic	-0.257	7.734	-0.138
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.257	7.734	-0.138
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis3	LinStatic	-0.257	7.734	-0.138
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.257	7.734	-0.138
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis3	LinStatic	-0.296	7.734	-0.159
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.296	7.734	-0.159
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis3	LinStatic	-0.296	7.734	-0.159
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.296	7.734	-0.159

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis3	LinStatic	-0.334	7.734	-0.179
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.334	7.734	-0.179
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis3	LinStatic	-0.334	7.734	-0.179
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.334	7.734	-0.179
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis3	LinStatic	-0.221	-52.404	-0.116
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.221	-52.404	-0.116
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis3	LinStatic	-0.221	-47.632	-0.116
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.221	-47.632	-0.116
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis3	LinStatic	0.023	-42.859	0.012
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis3	LinStatic	0.023	-42.859	0.012
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis3	LinStatic	0.023	-38.086	0.012
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis3	LinStatic	0.023	-38.086	0.012
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis3	LinStatic	0.215	-33.313	0.112
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis3	LinStatic	0.215	-33.313	0.112
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis3	LinStatic	0.215	-28.541	0.112
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis3	LinStatic	0.215	-28.541	0.112
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis3	LinStatic	0.355	-23.768	0.186
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis3	LinStatic	0.355	-23.768	0.186
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis3	LinStatic	0.355	-18.995	0.186
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis3	LinStatic	0.355	-18.995	0.186

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis3	LinStatic	0.444	-14.223	0.233
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis3	LinStatic	0.444	-14.223	0.233
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis3	LinStatic	0.444	-9.45	0.233
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis3	LinStatic	0.444	-9.45	0.233
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis3	LinStatic	0.482	-4.677	0.252
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis3	LinStatic	0.482	-4.677	0.252
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis3	LinStatic	0.482	0.096	0.252
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis3	LinStatic	0.482	0.096	0.252
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis3	LinStatic	0.469	4.868	0.245
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis3	LinStatic	0.469	4.868	0.245
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis3	LinStatic	0.469	9.641	0.245
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis3	LinStatic	0.469	9.641	0.245
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis3	LinStatic	0.404	14.414	0.212
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis3	LinStatic	0.404	14.414	0.212
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis3	LinStatic	0.404	19.186	0.212
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis3	LinStatic	0.404	19.186	0.212
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis3	LinStatic	0.288	23.959	0.151
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis3	LinStatic	0.288	23.959	0.151
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis3	LinStatic	0.288	28.732	0.151
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis3	LinStatic	0.288	28.732	0.151

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis3	LinStatic	0.121	33.505	0.063
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis3	LinStatic	0.121	33.505	0.063
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis3	LinStatic	0.121	38.277	0.063
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis3	LinStatic	0.121	38.277	0.063
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis3	LinStatic	-0.099	43.05	-0.052
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.099	43.05	-0.052
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis3	LinStatic	-0.099	47.823	-0.052
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.099	47.823	-0.052
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis3	LinStatic	-0.235	1.889	-0.121
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.235	1.889	-0.121
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis3	LinStatic	-0.235	1.889	-0.121
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.235	1.889	-0.121
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis3	LinStatic	-0.246	1.889	-0.127
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.246	1.889	-0.127
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis3	LinStatic	-0.246	1.889	-0.127
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.246	1.889	-0.127
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis3	LinStatic	-0.257	1.889	-0.133
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.257	1.889	-0.133
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis3	LinStatic	-0.257	1.889	-0.133
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.257	1.889	-0.133

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis3	LinStatic	-0.268	1.889	-0.138
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.268	1.889	-0.138
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis3	LinStatic	-0.268	1.889	-0.138
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.268	1.889	-0.138
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis3	LinStatic	-0.278	1.889	-0.144
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.278	1.889	-0.144
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.278	1.889	-0.144
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.278	1.889	-0.144
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis3	LinStatic	-0.289	1.889	-0.149
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.289	1.889	-0.149
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis3	LinStatic	-0.289	1.889	-0.149
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.289	1.889	-0.149
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis3	LinStatic	-0.299	1.889	-0.154
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.299	1.889	-0.154
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis3	LinStatic	-0.299	1.889	-0.154
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.299	1.889	-0.154
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis3	LinStatic	-0.309	1.889	-0.159
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.309	1.889	-0.159
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis3	LinStatic	-0.309	1.889	-0.159
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.309	1.889	-0.159

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis3	LinStatic	-0.319	1.889	-0.164
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.319	1.889	-0.164
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis3	LinStatic	-0.319	1.889	-0.164
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.319	1.889	-0.164
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis3	LinStatic	-0.328	1.889	-0.169
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.328	1.889	-0.169
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis3	LinStatic	-0.328	1.889	-0.169
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.328	1.889	-0.169
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis3	LinStatic	-0.184	-53.831	-0.099
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.184	-53.831	-0.099
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis3	LinStatic	-0.184	-49.169	-0.099
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.184	-49.169	-0.099
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis3	LinStatic	0.058	-44.507	0.031
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis3	LinStatic	0.058	-44.507	0.031
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis3	LinStatic	0.058	-39.844	0.031
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis3	LinStatic	0.058	-39.844	0.031
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis3	LinStatic	0.251	-35.182	0.134
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis3	LinStatic	0.251	-35.182	0.134
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis3	LinStatic	0.251	-30.519	0.134
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis3	LinStatic	0.251	-30.519	0.134

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis3	LinStatic	0.396	-25.857	0.212
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis3	LinStatic	0.396	-25.857	0.212
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis3	LinStatic	0.396	-21.194	0.212
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis3	LinStatic	0.396	-21.194	0.212
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis3	LinStatic	0.493	-16.532	0.264
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis3	LinStatic	0.493	-16.532	0.264
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis3	LinStatic	0.493	-11.869	0.264
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis3	LinStatic	0.493	-11.869	0.264
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis3	LinStatic	0.542	-7.207	0.29
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis3	LinStatic	0.542	-7.207	0.29
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis3	LinStatic	0.542	-2.544	0.29
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis3	LinStatic	0.542	-2.544	0.29
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis3	LinStatic	0.543	2.118	0.291
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis3	LinStatic	0.543	2.118	0.291
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis3	LinStatic	0.543	6.781	0.291
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis3	LinStatic	0.543	6.781	0.291
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis3	LinStatic	0.496	11.443	0.266
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis3	LinStatic	0.496	11.443	0.266
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis3	LinStatic	0.496	16.106	0.266
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis3	LinStatic	0.496	16.106	0.266

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis3	LinStatic	0.401	20.768	0.215
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis3	LinStatic	0.401	20.768	0.215
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis3	LinStatic	0.401	25.431	0.215
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis3	LinStatic	0.401	25.431	0.215
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis3	LinStatic	0.258	30.093	0.138
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis3	LinStatic	0.258	30.093	0.138
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis3	LinStatic	0.258	34.756	0.138
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis3	LinStatic	0.258	34.756	0.138
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis3	LinStatic	0.067	39.418	0.036
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis3	LinStatic	0.067	39.418	0.036
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis3	LinStatic	0.067	44.081	0.036
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis3	LinStatic	0.067	44.081	0.036
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis3	LinStatic	-0.173	48.743	-0.093
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.173	48.743	-0.093
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis3	LinStatic	-0.173	53.406	-0.093
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.173	53.406	-0.093
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis3	LinStatic	-0.302	-2.645	-0.163
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.302	-2.645	-0.163
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis3	LinStatic	-0.302	-2.645	-0.163
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.302	-2.645	-0.163

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis3	LinStatic	-0.29	-2.645	-0.156
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.29	-2.645	-0.156
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis3	LinStatic	-0.29	-2.645	-0.156
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.29	-2.645	-0.156
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis3	LinStatic	-0.277	-2.645	-0.149
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.277	-2.645	-0.149
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis3	LinStatic	-0.277	-2.645	-0.149
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.277	-2.645	-0.149
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis3	LinStatic	-0.264	-2.645	-0.142
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.264	-2.645	-0.142
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis3	LinStatic	-0.264	-2.645	-0.142
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.264	-2.645	-0.142
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis3	LinStatic	-0.251	-2.645	-0.135
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.251	-2.645	-0.135
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis3	LinStatic	-0.251	-2.645	-0.135
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.251	-2.645	-0.135
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis3	LinStatic	-0.237	-2.645	-0.128
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.237	-2.645	-0.128
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis3	LinStatic	-0.237	-2.645	-0.128
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.237	-2.645	-0.128

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis3	LinStatic	-0.224	-2.645	-0.12
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.224	-2.645	-0.12
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis3	LinStatic	-0.224	-2.645	-0.12
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.224	-2.645	-0.12
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis3	LinStatic	-0.21	-2.645	-0.113
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.21	-2.645	-0.113
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis3	LinStatic	-0.21	-2.645	-0.113
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.21	-2.645	-0.113
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis3	LinStatic	-0.197	-2.645	-0.106
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.197	-2.645	-0.106
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis3	LinStatic	-0.197	-2.645	-0.106
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.197	-2.645	-0.106
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis3	LinStatic	-0.183	-2.645	-0.098
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.183	-2.645	-0.098
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis3	LinStatic	-0.183	-2.645	-0.098
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.183	-2.645	-0.098
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis3	LinStatic	-0.169	-2.645	-0.091
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.169	-2.645	-0.091
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis3	LinStatic	-0.169	-2.645	-0.091
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.169	-2.645	-0.091

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis3	LinStatic	-0.154	-2.645	-0.083
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.154	-2.645	-0.083
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis3	LinStatic	-0.154	-2.645	-0.083
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.154	-2.645	-0.083
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis3	LinStatic	-0.033	-43.147	-0.017
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.033	-43.147	-0.017
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis3	LinStatic	-0.033	-38.234	-0.017
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.033	-38.234	-0.017
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis3	LinStatic	0.171	-33.322	0.087
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis3	LinStatic	0.171	-33.322	0.087
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis3	LinStatic	0.171	-28.409	0.087
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis3	LinStatic	0.171	-28.409	0.087
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis3	LinStatic	0.318	-23.497	0.162
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis3	LinStatic	0.318	-23.497	0.162
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis3	LinStatic	0.318	-18.584	0.162
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis3	LinStatic	0.318	-18.584	0.162
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis3	LinStatic	0.409	-13.672	0.208
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis3	LinStatic	0.409	-13.672	0.208
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis3	LinStatic	0.409	-8.759	0.208
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis3	LinStatic	0.409	-8.759	0.208

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis3	LinStatic	0.444	-3.847	0.226
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis3	LinStatic	0.444	-3.847	0.226
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis3	LinStatic	0.444	1.066	0.226
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis3	LinStatic	0.444	1.066	0.226
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis3	LinStatic	0.425	5.978	0.216
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis3	LinStatic	0.425	5.978	0.216
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis3	LinStatic	0.425	10.891	0.216
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis3	LinStatic	0.425	10.891	0.216
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis3	LinStatic	0.349	15.803	0.178
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis3	LinStatic	0.349	15.803	0.178
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis3	LinStatic	0.349	20.716	0.178
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis3	LinStatic	0.349	20.716	0.178
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis3	LinStatic	0.219	25.628	0.111
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis3	LinStatic	0.219	25.628	0.111
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis3	LinStatic	0.219	30.541	0.111
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis3	LinStatic	0.219	30.541	0.111
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis3	LinStatic	0.032	35.453	0.016
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis3	LinStatic	0.032	35.453	0.016
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis3	LinStatic	0.032	40.366	0.016
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis3	LinStatic	0.032	40.366	0.016

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis3	LinStatic	-0.211	45.278	-0.107
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.211	45.278	-0.107
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis3	LinStatic	-0.211	50.191	-0.107
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.211	50.191	-0.107
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.331	-8.824	-0.166
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.331	-8.824	-0.166
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.331	-8.824	-0.166
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.331	-8.824	-0.166
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.281	-8.824	-0.141
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.281	-8.824	-0.141
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.281	-8.824	-0.141
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.281	-8.824	-0.141
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.231	-8.824	-0.115
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.231	-8.824	-0.115
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.231	-8.824	-0.115
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.231	-8.824	-0.115
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.18	-8.824	-0.09
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.18	-8.824	-0.09
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.18	-8.824	-0.09
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.18	-8.824	-0.09

Table 34: Bridge Object Forces, Part 1 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P KN	V2 KN	V3 KN
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.735E-10
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.735E-10
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.735E-10
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.736E-10
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.077	-8.824	-0.039
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.077	-8.824	-0.039
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis3	LinStatic	-0.077	-8.824	-0.039
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis3	LinStatic	-0.077	-8.824	-0.039
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.736E-10
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.736E-10
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.736E-10
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis3	LinStatic	1.469E-09	-8.824	4.736E-10

Table 34: Bridge Object Forces, Part 2 of 3

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	1	0.	After	DEAD	5.834E-04	-1.735E-08	-1.805E-08	0.
Tk-ObjetoPu ente	2	0.93056	Before	DEAD	5.834E-04	-1.735E-08	19.2297	0.93056
Tk-ObjetoPu ente	3	0.93056	After	DEAD	5.834E-04	-1.735E-08	19.2297	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	DEAD	5.834E-04	-1.735E-08	35.3826	1.86111
Tk-ObjetoPu ente	5	1.86111	After	DEAD	0.0223	0.0665	35.3359	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	DEAD	0.0223	-3.942E-06	48.2885	2.79167
Tk-ObjetoPu ente	7	2.79167	After	DEAD	0.0223	-3.942E-06	48.2885	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	DEAD	0.0223	-0.0665	58.1644	3.72222

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	9	3.72222	After	DEAD	0.029	0.0892	58.152	3.72222
Tk-ObjetoPu ente	10	4.65278	Before	DEAD	0.029	-5.697E-06	64.8338	4.65278
Tk-ObjetoPu ente	11	4.65278	After	DEAD	0.029	-5.697E-06	64.8338	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	DEAD	0.029	-0.0892	68.4388	5.58333
Tk-ObjetoPu ente	13	5.58333	After	DEAD	0.0306	0.0948	68.4358	5.58333
Tk-ObjetoPu ente	14	6.51389	Before	DEAD	0.0306	-6.229E-06	68.8468	6.51389
Tk-ObjetoPu ente	15	6.51389	After	DEAD	0.0306	-6.229E-06	68.8468	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	DEAD	0.0306	-0.0948	66.181	7.44444
Tk-ObjetoPu ente	17	7.44444	After	DEAD	0.0271	0.083	66.1874	7.44444
Tk-ObjetoPu ente	18	8.375	Before	DEAD	0.0271	-5.529E-06	60.3275	8.375
Tk-ObjetoPu ente	19	8.375	After	DEAD	0.0271	-5.529E-06	60.3275	8.375
Tk-ObjetoPu ente	20	9.30556	Before	DEAD	0.0271	-0.083	51.3909	9.30556
Tk-ObjetoPu ente	21	9.30556	After	DEAD	0.0187	0.0541	51.4067	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	DEAD	0.0187	-3.558E-06	39.2759	10.23612
Tk-ObjetoPu ente	23	10.23612	After	DEAD	0.0187	-3.558E-06	39.2759	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	DEAD	0.0187	-0.0541	24.0685	11.16667
Tk-ObjetoPu ente	25	11.16667	After	DEAD	0.0051	0.0079	24.0937	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	DEAD	0.0051	-1.866E-07	5.6922	12.09723
Tk-ObjetoPu ente	27	12.09723	After	DEAD	0.0051	-1.866E-07	5.6922	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	DEAD	0.0051	-0.0079	-15.7861	13.02778
Tk-ObjetoPu ente	29	13.02778	After	DEAD	-0.0134	-0.0553	-15.7516	13.02778
Tk-ObjetoPu ente	30	13.95834	Before	DEAD	-0.0134	4.991E-06	-40.4239	13.95834
Tk-ObjetoPu ente	31	13.95834	After	DEAD	-0.0134	4.991E-06	-40.4239	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	DEAD	-0.0134	0.0554	-68.1729	14.88889
Tk-ObjetoPu ente	33	14.88889	After	DEAD	-0.0373	-0.1368	-68.1285	14.88889
Tk-ObjetoPu ente	34	15.81945	Before	DEAD	-0.0373	1.204E-05	-99.0717	15.81945
Tk-ObjetoPu ente	35	15.81945	After	DEAD	-0.0373	1.204E-05	-99.0717	15.81945
Tk-ObjetoPu ente	36	16.75	Before	DEAD	-0.0373	0.1369	-133.0915	16.75
Tk-ObjetoPu ente	37	16.75	After	DEAD	-0.0381	-0.1381	-133.0907	16.75
Tk-ObjetoPu ente	38	17.70455	Before	DEAD	-0.0381	1.200E-05	-97.8792	17.70455

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	39	17.70455	After	DEAD	-0.0381	1.200E-05	-97.8792	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	DEAD	-0.0381	0.1381	-65.9052	18.65909
Tk-ObjetoPu ente	41	18.65909	After	DEAD	-0.0135	-0.0522	-65.9519	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	DEAD	-0.0135	4.975E-06	-37.3359	19.61364
Tk-ObjetoPu ente	43	19.61364	After	DEAD	-0.0135	4.975E-06	-37.3359	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	DEAD	-0.0135	0.0522	-11.9573	20.56818
Tk-ObjetoPu ente	45	20.56818	After	DEAD	0.0054	0.0141	-11.9934	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	DEAD	0.0054	-7.268E-09	10.0271	21.52273
Tk-ObjetoPu ente	47	21.52273	After	DEAD	0.0054	-7.268E-09	10.0271	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	DEAD	0.0054	-0.0141	28.8103	22.47727
Tk-ObjetoPu ente	49	22.47727	After	DEAD	0.0191	0.0621	28.7842	22.47727
Tk-ObjetoPu ente	50	23.43182	Before	DEAD	0.0191	-3.593E-06	44.2093	23.43182
Tk-ObjetoPu ente	51	23.43182	After	DEAD	0.0191	-3.593E-06	44.2093	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	DEAD	0.0191	-0.0621	56.397	24.38636
Tk-ObjetoPu ente	53	24.38636	After	DEAD	0.0275	0.0916	56.3809	24.38636
Tk-ObjetoPu ente	54	25.34091	Before	DEAD	0.0275	-5.842E-06	65.2106	25.34091
Tk-ObjetoPu ente	55	25.34091	After	DEAD	0.0275	-5.842E-06	65.2106	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	DEAD	0.0275	-0.0916	70.8029	26.29545
Tk-ObjetoPu ente	57	26.29545	After	DEAD	0.0307	0.1026	70.7969	26.29545
Tk-ObjetoPu ente	58	27.25	Before	DEAD	0.0307	-6.769E-06	73.0311	27.25
Tk-ObjetoPu ente	59	27.25	After	DEAD	0.0307	-6.769E-06	73.0311	27.25
Tk-ObjetoPu ente	60	28.20455	Before	DEAD	0.0307	-0.1026	72.0278	28.20455
Tk-ObjetoPu ente	61	28.20455	After	DEAD	0.0285	0.095	72.0319	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	DEAD	0.0285	-6.370E-06	67.6706	29.1591
Tk-ObjetoPu ente	63	29.1591	After	DEAD	0.0285	-6.370E-06	67.6706	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	DEAD	0.0285	-0.095	60.0719	30.11364
Tk-ObjetoPu ente	65	30.11364	After	DEAD	0.0211	0.069	60.0861	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	DEAD	0.0211	-4.611E-06	49.1294	31.06819
Tk-ObjetoPu ente	67	31.06819	After	DEAD	0.0211	-4.611E-06	49.1294	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	DEAD	0.0211	-0.069	34.9352	32.02273

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	69	32.02273	After	DEAD	0.0084	0.0245	34.9594	32.02273
Tk-ObjetoPu ente	70	32.97728	Before	DEAD	0.0084	-1.382E-06	17.4072	32.97728
Tk-ObjetoPu ente	71	32.97728	After	DEAD	0.0084	-1.382E-06	17.4072	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	DEAD	0.0084	-0.0245	-3.3824	33.93182
Tk-ObjetoPu ente	73	33.93182	After	DEAD	-0.0096	-0.0384	-3.3481	33.93182
Tk-ObjetoPu ente	74	34.88637	Before	DEAD	-0.0096	3.684E-06	-27.4958	34.88637
Tk-ObjetoPu ente	75	34.88637	After	DEAD	-0.0096	3.684E-06	-27.4958	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	DEAD	-0.0096	0.0384	-54.8809	35.84091
Tk-ObjetoPu ente	77	35.84091	After	DEAD	-0.0331	-0.1208	-54.836	35.84091
Tk-ObjetoPu ente	78	36.79546	Before	DEAD	-0.0331	1.067E-05	-85.5791	36.79546
Tk-ObjetoPu ente	79	36.79546	After	DEAD	-0.0331	1.067E-05	-85.5791	36.79546
Tk-ObjetoPu ente	80	37.75	Before	DEAD	-0.0331	0.1209	-119.5596	37.75
Tk-ObjetoPu ente	81	37.75	After	DEAD	-0.0347	-0.1255	-119.557	37.75
Tk-ObjetoPu ente	82	38.72	Before	DEAD	-0.0347	1.091E-05	-87.7665	38.72
Tk-ObjetoPu ente	83	38.72	After	DEAD	-0.0347	1.091E-05	-87.7665	38.72
Tk-ObjetoPu ente	84	39.69	Before	DEAD	-0.0347	0.1255	-59.3191	39.69
Tk-ObjetoPu ente	85	39.69	After	DEAD	-0.0131	-0.0487	-59.3609	39.69
Tk-ObjetoPu ente	86	40.66	Before	DEAD	-0.0131	4.609E-06	-34.3794	40.66
Tk-ObjetoPu ente	87	40.66	After	DEAD	-0.0131	4.609E-06	-34.3794	40.66
Tk-ObjetoPu ente	88	41.63	Before	DEAD	-0.0131	0.0487	-12.7409	41.63
Tk-ObjetoPu ente	89	41.63	After	DEAD	0.0027	0.0077	-12.7716	41.63
Tk-ObjetoPu ente	90	42.6	Before	DEAD	0.0027	3.376E-07	5.401	42.6
Tk-ObjetoPu ente	91	42.6	After	DEAD	0.0027	3.376E-07	5.401	42.6
Tk-ObjetoPu ente	92	43.57	Before	DEAD	0.0027	-0.0077	20.2305	43.57
Tk-ObjetoPu ente	93	43.57	After	DEAD	0.0132	0.0449	20.2102	43.57
Tk-ObjetoPu ente	94	44.54	Before	DEAD	0.0132	-2.485E-06	31.5739	44.54
Tk-ObjetoPu ente	95	44.54	After	DEAD	0.0132	-2.485E-06	31.5739	44.54
Tk-ObjetoPu ente	96	45.51	Before	DEAD	0.0132	-0.0449	39.5945	45.51
Tk-ObjetoPu ente	97	45.51	After	DEAD	0.0182	0.0627	39.5848	45.51
Tk-ObjetoPu ente	98	46.48	Before	DEAD	0.0182	-3.909E-06	44.1395	46.48

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	99	46.48	After	DEAD	0.0182	-3.909E-06	44.1395	46.48
Tk-ObjetoPu ente	100	47.45	Before	DEAD	0.0182	-0.0627	45.3511	47.45
Tk-ObjetoPu ente	101	47.45	After	DEAD	0.0178	0.0612	45.3519	47.45
Tk-ObjetoPu ente	102	48.42	Before	DEAD	0.0178	-3.940E-06	43.0977	48.42
Tk-ObjetoPu ente	103	48.42	After	DEAD	0.0178	-3.940E-06	43.0977	48.42
Tk-ObjetoPu ente	104	49.39	Before	DEAD	0.0178	-0.0612	37.5004	49.39
Tk-ObjetoPu ente	105	49.39	After	DEAD	0.0119	0.0404	37.5117	49.39
Tk-ObjetoPu ente	106	50.36	Before	DEAD	0.0119	-2.546E-06	28.4486	50.36
Tk-ObjetoPu ente	107	50.36	After	DEAD	0.0119	-2.546E-06	28.4486	50.36
Tk-ObjetoPu ente	108	51.33	Before	DEAD	0.0119	-0.0404	16.0423	51.33
Tk-ObjetoPu ente	109	51.33	After	DEAD	6.443E-04	2.679E-04	16.0642	51.33
Tk-ObjetoPu ente	110	52.3	Before	DEAD	6.443E-04	3.851E-07	0.192	52.3
Tk-ObjetoPu ente	111	52.3	After	DEAD	6.443E-04	3.851E-07	0.192	52.3
Tk-ObjetoPu ente	112	53.27	Before	DEAD	6.443E-04	-2.672E-04	-19.0232	53.27
Tk-ObjetoPu ente	113	53.27	After	DEAD	-0.016	-0.0591	-18.9908	53.27
Tk-ObjetoPu ente	114	54.24	Before	DEAD	-0.016	5.238E-06	-41.6719	54.24
Tk-ObjetoPu ente	115	54.24	After	DEAD	-0.016	5.238E-06	-41.6719	54.24
Tk-ObjetoPu ente	116	55.21	Before	DEAD	-0.016	0.0591	-67.696	55.21
Tk-ObjetoPu ente	117	55.21	After	DEAD	-0.0384	-0.1388	-67.6526	55.21
Tk-ObjetoPu ente	118	56.18	Before	DEAD	-0.0384	1.208E-05	-97.1426	56.18
Tk-ObjetoPu ente	119	56.18	After	DEAD	-0.0384	1.208E-05	-97.1426	56.18
Tk-ObjetoPu ente	120	57.15	Before	DEAD	-0.0384	0.1388	-129.9757	57.15
Tk-ObjetoPu ente	121	57.15	After	DEAD	-0.0369	-0.1314	-129.9798	57.15
Tk-ObjetoPu ente	122	58.0825	Before	DEAD	-0.0369	1.155E-05	-95.014	58.0825
Tk-ObjetoPu ente	123	58.0825	After	DEAD	-0.0369	1.155E-05	-95.014	58.0825
Tk-ObjetoPu ente	124	59.015	Before	DEAD	-0.0369	0.1315	-63.1378	59.015
Tk-ObjetoPu ente	125	59.015	After	DEAD	-0.0123	-0.0473	-63.1836	59.015
Tk-ObjetoPu ente	126	59.9475	Before	DEAD	-0.0123	4.654E-06	-34.5146	59.9475
Tk-ObjetoPu ente	127	59.9475	After	DEAD	-0.0123	4.654E-06	-34.5146	59.9475
Tk-ObjetoPu ente	128	60.88	Before	DEAD	-0.0123	0.0473	-8.9352	60.88

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	129	60.88	After	DEAD	0.0069	0.0186	-8.9711	60.88
Tk-ObjetoPu ente	130	61.8125	Before	DEAD	0.0069	-2.812E-07	13.4011	61.8125
Tk-ObjetoPu ente	131	61.8125	After	DEAD	0.0069	-2.812E-07	13.4011	61.8125
Tk-ObjetoPu ente	132	62.745	Before	DEAD	0.0069	-0.0186	32.6837	62.745
Tk-ObjetoPu ente	133	62.745	After	DEAD	0.0211	0.0672	32.6572	62.745
Tk-ObjetoPu ente	134	63.6775	Before	DEAD	0.0211	-3.903E-06	48.7325	63.6775
Tk-ObjetoPu ente	135	63.6775	After	DEAD	0.0211	-3.903E-06	48.7325	63.6775
Tk-ObjetoPu ente	136	64.61	Before	DEAD	0.0211	-0.0672	61.7183	64.61
Tk-ObjetoPu ente	137	64.61	After	DEAD	0.0303	0.0986	61.7012	64.61
Tk-ObjetoPu ente	138	65.5425	Before	DEAD	0.0303	-6.275E-06	71.4797	65.5425
Tk-ObjetoPu ente	139	65.5425	After	DEAD	0.0303	-6.275E-06	71.4797	65.5425
Tk-ObjetoPu ente	140	66.475	Before	DEAD	0.0303	-0.0986	78.1687	66.475
Tk-ObjetoPu ente	141	66.475	After	DEAD	0.0344	0.1126	78.161	66.475
Tk-ObjetoPu ente	142	67.4075	Before	DEAD	0.0344	-7.416E-06	81.6428	67.4075
Tk-ObjetoPu ente	143	67.4075	After	DEAD	0.0344	-7.416E-06	81.6428	67.4075
Tk-ObjetoPu ente	144	68.34	Before	DEAD	0.0344	-0.1126	82.0349	68.34
Tk-ObjetoPu ente	145	68.34	After	DEAD	0.0334	0.1092	82.0367	68.34
Tk-ObjetoPu ente	146	69.2725	Before	DEAD	0.0334	-7.326E-06	79.2216	69.2725
Tk-ObjetoPu ente	147	69.2725	After	DEAD	0.0334	-7.326E-06	79.2216	69.2725
Tk-ObjetoPu ente	148	70.205	Before	DEAD	0.0334	-0.1092	73.3168	70.205
Tk-ObjetoPu ente	149	70.205	After	DEAD	0.0274	0.0885	73.3281	70.205
Tk-ObjetoPu ente	150	71.1375	Before	DEAD	0.0274	-5.993E-06	64.2162	71.1375
Tk-ObjetoPu ente	151	71.1375	After	DEAD	0.0274	-5.993E-06	64.2162	71.1375
Tk-ObjetoPu ente	152	72.07	Before	DEAD	0.0274	-0.0885	52.0146	72.07
Tk-ObjetoPu ente	153	72.07	After	DEAD	0.0163	0.0505	52.0353	72.07
Tk-ObjetoPu ente	154	73.0025	Before	DEAD	0.0163	-3.372E-06	36.6266	73.0025
Tk-ObjetoPu ente	155	73.0025	After	DEAD	0.0163	-3.372E-06	36.6266	73.0025
Tk-ObjetoPu ente	156	73.935	Before	DEAD	0.0163	-0.0505	18.1282	73.935
Tk-ObjetoPu ente	157	73.935	After	DEAD	9.346E-05	-0.0048	18.1583	73.935
Tk-ObjetoPu ente	158	74.8675	Before	DEAD	9.346E-05	6.835E-07	-3.5473	74.8675

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	159	74.8675	After	DEAD	9.346E-05	6.835E-07	-3.5473	74.8675
Tk-ObjetoPu ente	160	75.8	Before	DEAD	9.346E-05	0.0048	-28.3425	75.8
Tk-ObjetoPu ente	161	75.8	After	DEAD	-0.0211	-0.0773	-28.303	75.8
Tk-ObjetoPu ente	162	76.7325	Before	DEAD	-0.0211	6.638E-06	-56.3054	76.7325
Tk-ObjetoPu ente	163	76.7325	After	DEAD	-0.0211	6.638E-06	-56.3054	76.7325
Tk-ObjetoPu ente	164	77.665	Before	DEAD	-0.0211	0.0773	-87.3974	77.665
Tk-ObjetoPu ente	165	77.665	After	DEAD	-0.0476	-0.1681	-87.348	77.665
Tk-ObjetoPu ente	166	78.5975	Before	DEAD	-0.0476	1.451E-05	-121.6472	78.5975
Tk-ObjetoPu ente	167	78.5975	After	DEAD	-0.0476	1.451E-05	-121.6472	78.5975
Tk-ObjetoPu ente	168	79.53	Before	DEAD	-0.0476	0.1681	-159.0361	79.53
Tk-ObjetoPu ente	169	79.53	After	DEAD	-0.0481	-0.1682	-159.036	79.53
Tk-ObjetoPu ente	170	80.45917	Before	DEAD	-0.0481	1.440E-05	-122.1473	80.45917
Tk-ObjetoPu ente	171	80.45917	After	DEAD	-0.0481	1.440E-05	-122.1473	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	DEAD	-0.0481	0.1682	-88.326	81.38833
Tk-ObjetoPu ente	173	81.38833	After	DEAD	-0.0219	-0.079	-88.3746	81.38833
Tk-ObjetoPu ente	174	82.3175	Before	DEAD	-0.0219	6.979E-06	-57.7381	82.3175
Tk-ObjetoPu ente	175	82.3175	After	DEAD	-0.0219	6.979E-06	-57.7381	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	DEAD	-0.0219	0.079	-30.1691	83.24667
Tk-ObjetoPu ente	177	83.24667	After	DEAD	-0.0011	-0.0079	-30.2079	83.24667
Tk-ObjetoPu ente	178	84.17584	Before	DEAD	-0.0011	1.647E-06	-5.8236	84.17584
Tk-ObjetoPu ente	179	84.17584	After	DEAD	-0.0011	1.647E-06	-5.8236	84.17584
Tk-ObjetoPu ente	180	85.105	Before	DEAD	-0.0011	0.0079	15.493	85.105
Tk-ObjetoPu ente	181	85.105	After	DEAD	0.0148	0.0462	15.4636	85.105
Tk-ObjetoPu ente	182	86.03417	Before	DEAD	0.0148	-2.365E-06	33.5955	86.03417
Tk-ObjetoPu ente	183	86.03417	After	DEAD	0.0148	-2.365E-06	33.5955	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	DEAD	0.0148	-0.0462	48.6599	86.96333
Tk-ObjetoPu ente	185	86.96333	After	DEAD	0.0256	0.0832	48.6398	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	DEAD	0.0256	-5.135E-06	60.5194	87.8925
Tk-ObjetoPu ente	187	87.8925	After	DEAD	0.0256	-5.135E-06	60.5194	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	DEAD	0.0256	-0.0832	69.3316	88.82167

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	189	88.82167	After	DEAD	0.0315	0.103	69.3208	88.82167
Tk-ObjetoPu ente	190	89.75084	Before	DEAD	0.0315	-6.686E-06	74.9482	89.75084
Tk-ObjetoPu ente	191	89.75084	After	DEAD	0.0315	-6.686E-06	74.9482	89.75084
Tk-ObjetoPu ente	192	90.68	Before	DEAD	0.0315	-0.103	77.5081	90.68
Tk-ObjetoPu ente	193	90.68	After	DEAD	0.0322	0.1057	77.5066	90.68
Tk-ObjetoPu ente	194	91.60917	Before	DEAD	0.0322	-7.019E-06	76.8817	91.60917
Tk-ObjetoPu ente	195	91.60917	After	DEAD	0.0322	-7.019E-06	76.8817	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	DEAD	0.0322	-0.1057	73.1893	92.53833
Tk-ObjetoPu ente	197	92.53833	After	DEAD	0.028	0.0912	73.1972	92.53833
Tk-ObjetoPu ente	198	93.4675	Before	DEAD	0.028	-6.125E-06	66.3201	93.4675
Tk-ObjetoPu ente	199	93.4675	After	DEAD	0.028	-6.125E-06	66.3201	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	DEAD	0.028	-0.0912	56.3754	94.39667
Tk-ObjetoPu ente	201	94.39667	After	DEAD	0.0187	0.0595	56.3927	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	DEAD	0.0187	-3.962E-06	43.2632	95.32584
Tk-ObjetoPu ente	203	95.32584	After	DEAD	0.0187	-3.962E-06	43.2632	95.32584
Tk-ObjetoPu ente	204	96.255	Before	DEAD	0.0187	-0.0595	27.0663	96.255
Tk-ObjetoPu ente	205	96.255	After	DEAD	0.0044	0.0107	27.0929	96.255
Tk-ObjetoPu ente	206	97.18417	Before	DEAD	0.0044	-3.999E-07	7.7113	97.18417
Tk-ObjetoPu ente	207	97.18417	After	DEAD	0.0044	-3.999E-07	7.7113	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	DEAD	0.0044	-0.0107	-14.738	98.11333
Tk-ObjetoPu ente	209	98.11333	After	DEAD	-0.0149	-0.0552	-14.7021	98.11333
Tk-ObjetoPu ente	210	99.0425	Before	DEAD	-0.0149	4.976E-06	-40.3361	99.0425
Tk-ObjetoPu ente	211	99.0425	After	DEAD	-0.0149	4.976E-06	-40.3361	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	DEAD	-0.0149	0.0552	-69.0376	99.97167
Tk-ObjetoPu ente	213	99.97167	After	DEAD	-0.0396	-0.1391	-68.9919	99.97167
Tk-ObjetoPu ente	214	100.90084	Before	DEAD	-0.0396	1.222E-05	-100.8782	100.90084
Tk-ObjetoPu ente	215	100.90084	After	DEAD	-0.0396	1.222E-05	-100.8782	100.90084
Tk-ObjetoPu ente	216	101.83	Before	DEAD	-0.0396	0.1391	-135.8319	101.83
Tk-ObjetoPu ente	217	101.83	After	DEAD	-0.0394	-0.1454	-135.8282	101.83
Tk-ObjetoPu ente	218	102.8125	Before	DEAD	-0.0394	1.249E-05	-100.8148	102.8125

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	219	102.8125	After	DEAD	-0.0394	1.249E-05	-100.8148	102.8125
Tk-ObjetoPu ente	220	103.795	Before	DEAD	-0.0394	0.1455	-69.2313	103.795
Tk-ObjetoPu ente	221	103.795	After	DEAD	-0.0154	-0.0591	-69.2784	103.795
Tk-ObjetoPu ente	222	104.7775	Before	DEAD	-0.0154	5.418E-06	-41.2491	104.7775
Tk-ObjetoPu ente	223	104.7775	After	DEAD	-0.0154	5.418E-06	-41.2491	104.7775
Tk-ObjetoPu ente	224	105.76	Before	DEAD	-0.0154	0.0591	-16.6497	105.76
Tk-ObjetoPu ente	225	105.76	After	DEAD	0.0027	0.0063	-16.6853	105.76
Tk-ObjetoPu ente	226	106.7425	Before	DEAD	0.0027	4.975E-07	4.3599	106.7425
Tk-ObjetoPu ente	227	106.7425	After	DEAD	0.0027	4.975E-07	4.3599	106.7425
Tk-ObjetoPu ente	228	107.725	Before	DEAD	0.0027	-0.0063	21.9752	107.725
Tk-ObjetoPu ente	229	107.725	After	DEAD	0.0153	0.0516	21.9505	107.725
Tk-ObjetoPu ente	230	108.7075	Before	DEAD	0.0153	-2.918E-06	36.0115	108.7075
Tk-ObjetoPu ente	231	108.7075	After	DEAD	0.0153	-2.918E-06	36.0115	108.7075
Tk-ObjetoPu ente	232	109.69	Before	DEAD	0.0153	-0.0517	46.6427	109.69
Tk-ObjetoPu ente	233	109.69	After	DEAD	0.0224	0.077	46.6289	109.69
Tk-ObjetoPu ente	234	110.6725	Before	DEAD	0.0224	-4.884E-06	53.7058	110.6725
Tk-ObjetoPu ente	235	110.6725	After	DEAD	0.0224	-4.884E-06	53.7058	110.6725
Tk-ObjetoPu ente	236	111.655	Before	DEAD	0.0224	-0.0771	57.353	111.655
Tk-ObjetoPu ente	237	111.655	After	DEAD	0.0239	0.0824	57.35	111.655
Tk-ObjetoPu ente	238	112.6375	Before	DEAD	0.0239	-5.406E-06	57.4429	112.6375
Tk-ObjetoPu ente	239	112.6375	After	DEAD	0.0239	-5.406E-06	57.4429	112.6375
Tk-ObjetoPu ente	240	113.62	Before	DEAD	0.0239	-0.0824	54.1059	113.62
Tk-ObjetoPu ente	241	113.62	After	DEAD	0.0198	0.0677	54.1139	113.62
Tk-ObjetoPu ente	242	114.6025	Before	DEAD	0.0198	-4.463E-06	47.2226	114.6025
Tk-ObjetoPu ente	243	114.6025	After	DEAD	0.0198	-4.463E-06	47.2226	114.6025
Tk-ObjetoPu ente	244	115.585	Before	DEAD	0.0198	-0.0677	36.9016	115.585
Tk-ObjetoPu ente	245	115.585	After	DEAD	0.0102	0.0331	36.9205	115.585
Tk-ObjetoPu ente	246	116.5675	Before	DEAD	0.0102	-1.965E-06	23.0451	116.5675
Tk-ObjetoPu ente	247	116.5675	After	DEAD	0.0102	-1.965E-06	23.0451	116.5675
Tk-ObjetoPu ente	248	117.55	Before	DEAD	0.0102	-0.0331	5.7399	117.55

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	249	117.55	After	DEAD	-0.005	-0.0216	5.7697	117.55
Tk-ObjetoPu ente	250	118.5325	Before	DEAD	-0.005	2.400E-06	-15.0898	118.5325
Tk-ObjetoPu ente	251	118.5325	After	DEAD	-0.005	2.400E-06	-15.0898	118.5325
Tk-ObjetoPu ente	252	119.515	Before	DEAD	-0.005	0.0216	-39.379	119.515
Tk-ObjetoPu ente	253	119.515	After	DEAD	-0.026	-0.0973	-39.3378	119.515
Tk-ObjetoPu ente	254	120.4975	Before	DEAD	-0.026	8.752E-06	-67.1813	120.4975
Tk-ObjetoPu ente	255	120.4975	After	DEAD	-0.026	8.752E-06	-67.1813	120.4975
Tk-ObjetoPu ente	256	121.48	Before	DEAD	-0.026	0.0973	-98.4547	121.48
Tk-ObjetoPu ente	257	121.48	After	DEAD	-0.0242	-0.0997	-98.4533	121.48
Tk-ObjetoPu ente	258	122.48	Before	DEAD	-0.0242	8.871E-06	-67.9412	122.48
Tk-ObjetoPu ente	259	122.48	After	DEAD	-0.0242	8.871E-06	-67.9412	122.48
Tk-ObjetoPu ente	260	123.48	Before	DEAD	-0.0242	0.0997	-40.9821	123.48
Tk-ObjetoPu ente	261	123.48	After	DEAD	-0.004	-0.0258	-41.0224	123.48
Tk-ObjetoPu ente	262	124.48	Before	DEAD	-0.004	2.890E-06	-17.7433	124.48
Tk-ObjetoPu ente	263	124.48	After	DEAD	-0.004	2.890E-06	-17.7433	124.48
Tk-ObjetoPu ente	264	125.48	Before	DEAD	-0.004	0.0258	1.9827	125.48
Tk-ObjetoPu ente	265	125.48	After	DEAD	0.0101	0.0261	1.9544	125.48
Tk-ObjetoPu ente	266	126.48	Before	DEAD	0.0101	-1.053E-06	18.0004	126.48
Tk-ObjetoPu ente	267	126.48	After	DEAD	0.0101	-1.053E-06	18.0004	126.48
Tk-ObjetoPu ente	268	127.48	Before	DEAD	0.0101	-0.0261	30.4934	127.48
Tk-ObjetoPu ente	269	127.48	After	DEAD	0.0186	0.0571	30.4765	127.48
Tk-ObjetoPu ente	270	128.48	Before	DEAD	0.0186	-3.432E-06	39.2895	128.48
Tk-ObjetoPu ente	271	128.48	After	DEAD	0.0186	-3.432E-06	39.2895	128.48
Tk-ObjetoPu ente	272	129.48	Before	DEAD	0.0186	-0.0571	44.5494	129.48
Tk-ObjetoPu ente	273	129.48	After	DEAD	6.502E-04	-1.954E-09	44.5924	129.48
Tk-ObjetoPu ente	274	130.48	Before	DEAD	6.502E-04	-1.523E-09	46.1652	130.48
Tk-ObjetoPu ente	275	130.48	After	DEAD	6.502E-04	-1.523E-09	46.1652	130.48
Tk-ObjetoPu ente	276	131.48	Before	DEAD	6.502E-04	-1.091E-09	44.1849	131.48
Tk-ObjetoPu ente	277	131.48	After	DEAD	0.0183	0.056	44.1567	131.48
Tk-ObjetoPu ente	278	132.48	Before	DEAD	0.0183	-3.635E-06	38.5036	132.48

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	279	132.48	After	DEAD	0.0183	-3.635E-06	38.5036	132.48
Tk-ObjetoPu ente	280	133.48	Before	DEAD	0.0183	-0.056	29.2974	133.48
Tk-ObjetoPu ente	281	133.48	After	DEAD	6.502E-04	-2.286E-10	29.3397	133.48
Tk-ObjetoPu ente	282	134.48	Before	DEAD	6.502E-04	2.028E-10	16.4464	134.48
Tk-ObjetoPu ente	283	134.48	After	DEAD	6.502E-04	2.027E-10	16.4464	134.48
Tk-ObjetoPu ente	284	135.48	Before	DEAD	6.502E-04	6.341E-10	-4.669E-09	135.48
Tk-ObjetoPu ente	1	0.	After	Tk-Barandilla	-3.1136	2.496E-09	-5.038E-09	0.
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Barandilla	-3.1136	5.694E-09	2.6527	0.93056
Tk-ObjetoPu ente	3	0.93056	After	Tk-Barandilla	-2.6483	5.694E-09	2.6527	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Barandilla	-2.6483	8.892E-09	4.8723	1.86111
Tk-ObjetoPu ente	5	1.86111	After	Tk-Barandilla	-2.1819	0.0041	4.8701	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Barandilla	-2.1819	-6.301E-06	6.6568	2.79167
Tk-ObjetoPu ente	7	2.79167	After	Tk-Barandilla	-1.7166	-6.301E-06	6.6568	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Barandilla	-1.7166	-0.0041	8.0106	3.72222
Tk-ObjetoPu ente	9	3.72222	After	Tk-Barandilla	-1.2497	0.0096	8.0076	3.72222
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Barandilla	-1.2497	-1.048E-06	8.9284	4.65278
Tk-ObjetoPu ente	11	4.65278	After	Tk-Barandilla	-0.7844	-1.048E-06	8.9284	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Barandilla	-0.7844	-0.0096	9.4162	5.58333
Tk-ObjetoPu ente	13	5.58333	After	Tk-Barandilla	-0.318	0.0136	9.414	5.58333
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Barandilla	-0.318	4.663E-06	9.4689	6.51389
Tk-ObjetoPu ente	15	6.51389	After	Tk-Barandilla	0.1473	4.663E-06	9.4689	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Barandilla	0.1473	-0.0136	9.0908	7.44444
Tk-ObjetoPu ente	17	7.44444	After	Tk-Barandilla	0.613	0.0151	9.09	7.44444
Tk-ObjetoPu ente	18	8.375	Before	Tk-Barandilla	0.613	9.879E-06	8.2789	8.375
Tk-ObjetoPu ente	19	8.375	After	Tk-Barandilla	1.0783	9.879E-06	8.2789	8.375
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Barandilla	1.0783	-0.0151	7.0348	9.30556
Tk-ObjetoPu ente	21	9.30556	After	Tk-Barandilla	1.5431	0.0134	7.0358	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Barandilla	1.5431	1.364E-05	5.3588	10.23612
Tk-ObjetoPu ente	23	10.23612	After	Tk-Barandilla	2.0084	1.364E-05	5.3588	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Barandilla	2.0084	-0.0134	3.2488	11.16667

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	25	11.16667	After	Tk-Barandilla	2.4719	0.0076	3.252	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Barandilla	2.4719	1.481E-05	0.709	12.09723
Tk-ObjetoPu ente	27	12.09723	After	Tk-Barandilla	2.9372	1.481E-05	0.709	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Barandilla	2.9372	-0.0075	-2.2669	13.02778
Tk-ObjetoPu ente	29	13.02778	After	Tk-Barandilla	3.3993	-0.0034	-2.2609	13.02778
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Barandilla	3.3993	1.212E-05	-5.6698	13.95834
Tk-ObjetoPu ente	31	13.95834	After	Tk-Barandilla	3.8645	1.212E-05	-5.6698	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Barandilla	3.8645	0.0034	-9.5116	14.88889
Tk-ObjetoPu ente	33	14.88889	After	Tk-Barandilla	4.3259	-0.0169	-9.5042	14.88889
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Barandilla	4.3259	4.330E-06	-13.7791	15.81945
Tk-ObjetoPu ente	35	15.81945	After	Tk-Barandilla	4.7912	4.330E-06	-13.7791	15.81945
Tk-ObjetoPu ente	36	16.75	Before	Tk-Barandilla	4.7912	0.0169	-18.4869	16.75
Tk-ObjetoPu ente	37	16.75	After	Tk-Barandilla	-5.0375	-0.0179	-18.4863	16.75
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Barandilla	-5.0375	-5.302E-06	-13.6167	17.70455
Tk-ObjetoPu ente	39	17.70455	After	Tk-Barandilla	-4.5602	-5.302E-06	-13.6167	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Barandilla	-4.5602	0.0179	-9.2027	18.65909
Tk-ObjetoPu ente	41	18.65909	After	Tk-Barandilla	-4.0806	-0.0099	-9.2069	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Barandilla	-4.0806	-8.534E-06	-5.2485	19.61364
Tk-ObjetoPu ente	43	19.61364	After	Tk-Barandilla	-3.6034	-8.534E-06	-5.2485	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Barandilla	-3.6034	0.0099	-1.7456	20.56818
Tk-ObjetoPu ente	45	20.56818	After	Tk-Barandilla	-3.124	-0.0026	-1.7495	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Barandilla	-3.124	-7.700E-06	1.2978	21.52273
Tk-ObjetoPu ente	47	21.52273	After	Tk-Barandilla	-2.6467	-7.700E-06	1.2978	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Barandilla	-2.6467	0.0026	3.8895	22.47727
Tk-ObjetoPu ente	49	22.47727	After	Tk-Barandilla	-2.1673	0.0048	3.8855	22.47727
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Barandilla	-2.1673	-4.112E-06	6.0217	23.43182
Tk-ObjetoPu ente	51	23.43182	After	Tk-Barandilla	-1.6901	-4.112E-06	6.0217	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Barandilla	-1.6901	-0.0048	7.7023	24.38636
Tk-ObjetoPu ente	53	24.38636	After	Tk-Barandilla	-1.2109	0.0115	7.6987	24.38636
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Barandilla	-1.2109	1.069E-06	8.9237	25.34091

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	55	25.34091	After	Tk-Barandilla	-0.7336	1.069E-06	8.9237	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Barandilla	-0.7336	-0.0114	9.6931	26.29545
Tk-ObjetoPu ente	57	26.29545	After	Tk-Barandilla	-0.255	0.0164	9.6905	26.29545
Tk-ObjetoPu ente	58	27.25	Before	Tk-Barandilla	-0.255	6.846E-06	10.0043	27.25
Tk-ObjetoPu ente	59	27.25	After	Tk-Barandilla	0.2223	6.846E-06	10.0043	27.25
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Barandilla	0.2223	-0.0163	9.8626	28.20455
Tk-ObjetoPu ente	61	28.20455	After	Tk-Barandilla	0.7003	0.0187	9.8613	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Barandilla	0.7003	1.227E-05	9.264	29.1591
Tk-ObjetoPu ente	63	29.1591	After	Tk-Barandilla	1.1775	1.227E-05	9.264	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Barandilla	1.1775	-0.0187	8.2112	30.11364
Tk-ObjetoPu ente	65	30.11364	After	Tk-Barandilla	1.6545	0.0177	8.2117	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Barandilla	1.6545	1.635E-05	6.7033	31.06819
Tk-ObjetoPu ente	67	31.06819	After	Tk-Barandilla	2.1318	1.635E-05	6.7033	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Barandilla	2.1318	-0.0177	4.7392	32.02273
Tk-ObjetoPu ente	69	32.02273	After	Tk-Barandilla	2.6076	0.0125	4.7421	32.02273
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Barandilla	2.6076	1.790E-05	2.3225	32.97728
Tk-ObjetoPu ente	71	32.97728	After	Tk-Barandilla	3.0848	1.790E-05	2.3225	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Barandilla	3.0848	-0.0124	-0.5527	33.93182
Tk-ObjetoPu ente	73	33.93182	After	Tk-Barandilla	3.5591	0.0019	-0.5469	33.93182
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Barandilla	3.5591	1.558E-05	-3.8777	34.88637
Tk-ObjetoPu ente	75	34.88637	After	Tk-Barandilla	4.0363	1.558E-05	-3.8777	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Barandilla	4.0363	-0.0018	-7.664	35.84091
Tk-ObjetoPu ente	77	35.84091	After	Tk-Barandilla	4.5098	-0.0116	-7.6566	35.84091
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Barandilla	4.5098	8.118E-06	-11.8986	36.79546
Tk-ObjetoPu ente	79	36.79546	After	Tk-Barandilla	4.9871	8.118E-06	-11.8986	36.79546
Tk-ObjetoPu ente	80	37.75	Before	Tk-Barandilla	4.9871	0.0116	-16.5961	37.75
Tk-ObjetoPu ente	81	37.75	After	Tk-Barandilla	-4.5728	-0.0133	-16.5951	37.75
Tk-ObjetoPu ente	82	38.72	Before	Tk-Barandilla	-4.5728	-1.249E-06	-12.199	38.72
Tk-ObjetoPu ente	83	38.72	After	Tk-Barandilla	-4.0878	-1.249E-06	-12.199	38.72
Tk-ObjetoPu ente	84	39.69	Before	Tk-Barandilla	-4.0878	0.0133	-8.2734	39.69

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	85	39.69	After	Tk-Barandilla	-3.6009	-0.0066	-8.277	39.69
Tk-ObjetoPu ente	86	40.66	Before	Tk-Barandilla	-3.6009	-4.254E-06	-4.8218	40.66
Tk-ObjetoPu ente	87	40.66	After	Tk-Barandilla	-3.1159	-4.254E-06	-4.8218	40.66
Tk-ObjetoPu ente	88	41.63	Before	Tk-Barandilla	-3.1159	0.0066	-1.8371	41.63
Tk-ObjetoPu ente	89	41.63	After	Tk-Barandilla	-2.6292	-6.188E-04	-1.8402	41.63
Tk-ObjetoPu ente	90	42.6	Before	Tk-Barandilla	-2.6292	-3.398E-06	0.6741	42.6
Tk-ObjetoPu ente	91	42.6	After	Tk-Barandilla	-2.1442	-3.398E-06	0.6741	42.6
Tk-ObjetoPu ente	92	43.57	Before	Tk-Barandilla	-2.1442	6.120E-04	2.7179	43.57
Tk-ObjetoPu ente	93	43.57	After	Tk-Barandilla	-1.6576	0.0052	2.7148	43.57
Tk-ObjetoPu ente	94	44.54	Before	Tk-Barandilla	-1.6576	-5.521E-08	4.2882	44.54
Tk-ObjetoPu ente	95	44.54	After	Tk-Barandilla	-1.1726	-5.521E-08	4.2882	44.54
Tk-ObjetoPu ente	96	45.51	Before	Tk-Barandilla	-1.1726	-0.0052	5.3912	45.51
Tk-ObjetoPu ente	97	45.51	After	Tk-Barandilla	-0.6863	0.0097	5.3887	45.51
Tk-ObjetoPu ente	98	46.48	Before	Tk-Barandilla	-0.6863	4.498E-06	6.0212	46.48
Tk-ObjetoPu ente	99	46.48	After	Tk-Barandilla	-0.2013	4.498E-06	6.0212	46.48
Tk-ObjetoPu ente	100	47.45	Before	Tk-Barandilla	-0.2013	-0.0097	6.1833	47.45
Tk-ObjetoPu ente	101	47.45	After	Tk-Barandilla	0.2844	0.0121	6.182	47.45
Tk-ObjetoPu ente	102	48.42	Before	Tk-Barandilla	0.2844	9.102E-06	5.8737	48.42
Tk-ObjetoPu ente	103	48.42	After	Tk-Barandilla	0.7694	9.102E-06	5.8737	48.42
Tk-ObjetoPu ente	104	49.39	Before	Tk-Barandilla	0.7694	-0.0121	5.0948	49.39
Tk-ObjetoPu ente	105	49.39	After	Tk-Barandilla	1.2541	0.0113	5.0953	49.39
Tk-ObjetoPu ente	106	50.36	Before	Tk-Barandilla	1.2541	1.258E-05	3.846	50.36
Tk-ObjetoPu ente	107	50.36	After	Tk-Barandilla	1.7391	1.258E-05	3.846	50.36
Tk-ObjetoPu ente	108	51.33	Before	Tk-Barandilla	1.7391	-0.0112	2.1263	51.33
Tk-ObjetoPu ente	109	51.33	After	Tk-Barandilla	2.2227	0.0062	2.1291	51.33
Tk-ObjetoPu ente	110	52.3	Before	Tk-Barandilla	2.2227	1.363E-05	-0.0611	52.3
Tk-ObjetoPu ente	111	52.3	After	Tk-Barandilla	2.7077	1.363E-05	-0.0611	52.3
Tk-ObjetoPu ente	112	53.27	Before	Tk-Barandilla	2.7077	-0.0061	-2.7217	53.27
Tk-ObjetoPu ente	113	53.27	After	Tk-Barandilla	3.1897	-0.0044	-2.7159	53.27
Tk-ObjetoPu ente	114	54.24	Before	Tk-Barandilla	3.1897	1.077E-05	-5.847	54.24

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	115	54.24	After	Tk-Barandilla	3.6747	1.077E-05	-5.847	54.24
Tk-ObjetoPu ente	116	55.21	Before	Tk-Barandilla	3.6747	0.0044	-9.4486	55.21
Tk-ObjetoPu ente	117	55.21	After	Tk-Barandilla	4.1559	-0.018	-9.4411	55.21
Tk-ObjetoPu ente	118	56.18	Before	Tk-Barandilla	4.1559	2.604E-06	-13.5131	56.18
Tk-ObjetoPu ente	119	56.18	After	Tk-Barandilla	4.6409	2.604E-06	-13.5131	56.18
Tk-ObjetoPu ente	120	57.15	Before	Tk-Barandilla	4.6409	0.018	-18.0556	57.15
Tk-ObjetoPu ente	121	57.15	After	Tk-Barandilla	-5.2785	-0.018	-18.0555	57.15
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Barandilla	-5.2785	-7.236E-06	-13.2196	58.0825
Tk-ObjetoPu ente	123	58.0825	After	Tk-Barandilla	-4.8122	-7.236E-06	-13.2196	58.0825
Tk-ObjetoPu ente	124	59.015	Before	Tk-Barandilla	-4.8122	0.018	-8.8186	59.015
Tk-ObjetoPu ente	125	59.015	After	Tk-Barandilla	-4.3438	-0.0104	-8.8226	59.015
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Barandilla	-4.3438	-1.070E-05	-4.8563	59.9475
Tk-ObjetoPu ente	127	59.9475	After	Tk-Barandilla	-3.8775	-1.070E-05	-4.8563	59.9475
Tk-ObjetoPu ente	128	60.88	Before	Tk-Barandilla	-3.8775	0.0104	-1.3248	60.88
Tk-ObjetoPu ente	129	60.88	After	Tk-Barandilla	-3.4092	-0.0033	-1.3285	60.88
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Barandilla	-3.4092	-1.006E-05	1.7682	61.8125
Tk-ObjetoPu ente	131	61.8125	After	Tk-Barandilla	-2.943	-1.006E-05	1.7682	61.8125
Tk-ObjetoPu ente	132	62.745	Before	Tk-Barandilla	-2.943	0.0033	4.4302	62.745
Tk-ObjetoPu ente	133	62.745	After	Tk-Barandilla	-2.4746	0.004	4.4262	62.745
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Barandilla	-2.4746	-6.575E-06	6.6535	63.6775
Tk-ObjetoPu ente	135	63.6775	After	Tk-Barandilla	-2.0083	-6.575E-06	6.6535	63.6775
Tk-ObjetoPu ente	136	64.61	Before	Tk-Barandilla	-2.0083	-0.004	8.4459	64.61
Tk-ObjetoPu ente	137	64.61	After	Tk-Barandilla	-1.5401	0.0108	8.4422	64.61
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Barandilla	-1.5401	-1.346E-06	9.7999	65.5425
Tk-ObjetoPu ente	139	65.5425	After	Tk-Barandilla	-1.0738	-1.346E-06	9.7999	65.5425
Tk-ObjetoPu ente	140	66.475	Before	Tk-Barandilla	-1.0738	-0.0108	10.7228	66.475
Tk-ObjetoPu ente	141	66.475	After	Tk-Barandilla	-0.606	0.0162	10.7198	66.475
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Barandilla	-0.606	4.722E-06	11.208	67.4075
Tk-ObjetoPu ente	143	67.4075	After	Tk-Barandilla	-0.1398	4.722E-06	11.208	67.4075
Tk-ObjetoPu ente	144	68.34	Before	Tk-Barandilla	-0.1398	-0.0162	11.2613	68.34

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	145	68.34	After	Tk-Barandilla	0.3275	0.0196	11.2595	68.34
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Barandilla	0.3275	1.080E-05	10.8781	69.2725
Tk-ObjetoPu ente	147	69.2725	After	Tk-Barandilla	0.7937	1.080E-05	10.8781	69.2725
Tk-ObjetoPu ente	148	70.205	Before	Tk-Barandilla	0.7937	-0.0195	10.0619	70.205
Tk-ObjetoPu ente	149	70.205	After	Tk-Barandilla	1.2601	0.02	10.0616	70.205
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Barandilla	1.2601	1.605E-05	8.8106	71.1375
Tk-ObjetoPu ente	151	71.1375	After	Tk-Barandilla	1.7263	1.605E-05	8.8106	71.1375
Tk-ObjetoPu ente	152	72.07	Before	Tk-Barandilla	1.7263	-0.02	7.1249	72.07
Tk-ObjetoPu ente	153	72.07	After	Tk-Barandilla	2.1917	0.017	7.1265	72.07
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Barandilla	2.1917	1.951E-05	5.006	73.0025
Tk-ObjetoPu ente	155	73.0025	After	Tk-Barandilla	2.6579	1.951E-05	5.006	73.0025
Tk-ObjetoPu ente	156	73.935	Before	Tk-Barandilla	2.6579	-0.0169	2.4507	73.935
Tk-ObjetoPu ente	157	73.935	After	Tk-Barandilla	3.122	0.0094	2.4548	73.935
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Barandilla	3.122	2.000E-05	-0.5353	74.8675
Tk-ObjetoPu ente	159	74.8675	After	Tk-Barandilla	3.5882	2.000E-05	-0.5353	74.8675
Tk-ObjetoPu ente	160	75.8	Before	Tk-Barandilla	3.5882	-0.0094	-3.9602	75.8
Tk-ObjetoPu ente	161	75.8	After	Tk-Barandilla	4.0507	-0.0036	-3.953	75.8
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Barandilla	4.0507	1.617E-05	-7.8127	76.7325
Tk-ObjetoPu ente	163	76.7325	After	Tk-Barandilla	4.5169	1.617E-05	-7.8127	76.7325
Tk-ObjetoPu ente	164	77.665	Before	Tk-Barandilla	4.5169	0.0036	-12.1072	77.665
Tk-ObjetoPu ente	165	77.665	After	Tk-Barandilla	4.9786	-0.0193	-12.0986	77.665
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Barandilla	4.9786	6.685E-06	-16.8278	78.5975
Tk-ObjetoPu ente	167	78.5975	After	Tk-Barandilla	5.4449	6.685E-06	-16.8278	78.5975
Tk-ObjetoPu ente	168	79.53	Before	Tk-Barandilla	5.4449	0.0193	-21.9919	79.53
Tk-ObjetoPu ente	169	79.53	After	Tk-Barandilla	-5.4151	-0.0206	-21.991	79.53
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Barandilla	-5.4151	-4.827E-06	-16.9043	80.45917
Tk-ObjetoPu ente	171	80.45917	After	Tk-Barandilla	-4.9506	-4.827E-06	-16.9043	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Barandilla	-4.9506	0.0206	-12.2493	81.38833
Tk-ObjetoPu ente	173	81.38833	After	Tk-Barandilla	-4.4838	-0.0132	-12.2532	81.38833
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Barandilla	-4.4838	-9.458E-06	-8.0298	82.3175

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	175	82.3175	After	Tk-Barandilla	-4.0192	-9.458E-06	-8.0298	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Barandilla	-4.0192	0.0132	-4.2381	83.24667
Tk-ObjetoPu ente	177	83.24667	After	Tk-Barandilla	-3.5526	-0.0063	-4.2418	83.24667
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Barandilla	-3.5526	-9.659E-06	-0.8818	84.17584
Tk-ObjetoPu ente	179	84.17584	After	Tk-Barandilla	-3.088	-9.659E-06	-0.8818	84.17584
Tk-ObjetoPu ente	180	85.105	Before	Tk-Barandilla	-3.088	0.0063	2.0466	85.105
Tk-ObjetoPu ente	181	85.105	After	Tk-Barandilla	-2.6212	0.0012	2.0425	85.105
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Barandilla	-2.6212	-6.771E-06	4.5393	86.03417
Tk-ObjetoPu ente	183	86.03417	After	Tk-Barandilla	-2.1567	-6.771E-06	4.5393	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Barandilla	-2.1567	-0.0012	6.6043	86.96333
Tk-ObjetoPu ente	185	86.96333	After	Tk-Barandilla	-1.69	0.0084	6.6004	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Barandilla	-1.69	-1.944E-06	8.2338	87.8925
Tk-ObjetoPu ente	187	87.8925	After	Tk-Barandilla	-1.2254	-1.944E-06	8.2338	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Barandilla	-1.2254	-0.0084	9.4355	88.82167
Tk-ObjetoPu ente	189	88.82167	After	Tk-Barandilla	-0.7591	0.0143	9.4323	88.82167
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Barandilla	-0.7591	3.878E-06	10.2023	89.75084
Tk-ObjetoPu ente	191	89.75084	After	Tk-Barandilla	-0.2945	3.878E-06	10.2023	89.75084
Tk-ObjetoPu ente	192	90.68	Before	Tk-Barandilla	-0.2945	-0.0143	10.5406	90.68
Tk-ObjetoPu ente	193	90.68	After	Tk-Barandilla	0.1713	0.0183	10.5385	90.68
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Barandilla	0.1713	9.858E-06	10.4452	91.60917
Tk-ObjetoPu ente	195	91.60917	After	Tk-Barandilla	0.6358	9.858E-06	10.4452	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Barandilla	0.6358	-0.0183	9.9202	92.53833
Tk-ObjetoPu ente	197	92.53833	After	Tk-Barandilla	1.1008	0.0196	9.9194	92.53833
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Barandilla	1.1008	1.516E-05	8.9628	93.4675
Tk-ObjetoPu ente	199	93.4675	After	Tk-Barandilla	1.5654	1.516E-05	8.9628	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Barandilla	1.5654	-0.0196	7.5744	94.39667
Tk-ObjetoPu ente	201	94.39667	After	Tk-Barandilla	2.0294	0.0175	7.5756	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Barandilla	2.0294	1.884E-05	5.7555	95.32584
Tk-ObjetoPu ente	203	95.32584	After	Tk-Barandilla	2.4939	1.884E-05	5.7555	95.32584
Tk-ObjetoPu ente	204	96.255	Before	Tk-Barandilla	2.4939	-0.0175	3.5039	96.255

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	205	96.255	After	Tk-Barandilla	2.9567	0.0112	3.5073	96.255
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Barandilla	2.9567	1.978E-05	0.824	97.18417
Tk-ObjetoPu ente	207	97.18417	After	Tk-Barandilla	3.4212	1.978E-05	0.824	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Barandilla	3.4212	-0.0111	-2.2911	98.11333
Tk-ObjetoPu ente	209	98.11333	After	Tk-Barandilla	3.8824	-4.256E-04	-2.2847	98.11333
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Barandilla	3.8824	1.668E-05	-5.8315	99.0425
Tk-ObjetoPu ente	211	99.0425	After	Tk-Barandilla	4.347	1.668E-05	-5.8315	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Barandilla	4.347	4.589E-04	-9.8099	99.97167
Tk-ObjetoPu ente	213	99.97167	After	Tk-Barandilla	4.8075	-0.0145	-9.8022	99.97167
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Barandilla	4.8075	8.296E-06	-14.2123	100.90084
Tk-ObjetoPu ente	215	100.90084	After	Tk-Barandilla	5.272	8.296E-06	-14.2123	100.90084
Tk-ObjetoPu ente	216	101.83	Before	Tk-Barandilla	5.272	0.0145	-19.0541	101.83
Tk-ObjetoPu ente	217	101.83	After	Tk-Barandilla	-4.8811	-0.0168	-19.0527	101.83
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Barandilla	-4.8811	-2.246E-06	-14.1575	102.8125
Tk-ObjetoPu ente	219	102.8125	After	Tk-Barandilla	-4.3899	-2.246E-06	-14.1575	102.8125
Tk-ObjetoPu ente	220	103.795	Before	Tk-Barandilla	-4.3899	0.0168	-9.7449	103.795
Tk-ObjetoPu ente	221	103.795	After	Tk-Barandilla	-3.8964	-0.009	-9.7491	103.795
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Barandilla	-3.8964	-5.881E-06	-5.8191	104.7775
Tk-ObjetoPu ente	223	104.7775	After	Tk-Barandilla	-3.4052	-5.881E-06	-5.8191	104.7775
Tk-ObjetoPu ente	224	105.76	Before	Tk-Barandilla	-3.4052	0.009	-2.3718	105.76
Tk-ObjetoPu ente	225	105.76	After	Tk-Barandilla	-2.912	-0.002	-2.3756	105.76
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Barandilla	-2.912	-5.261E-06	0.589	106.7425
Tk-ObjetoPu ente	227	106.7425	After	Tk-Barandilla	-2.4207	-5.261E-06	0.589	106.7425
Tk-ObjetoPu ente	228	107.725	Before	Tk-Barandilla	-2.4207	0.002	3.071	107.725
Tk-ObjetoPu ente	229	107.725	After	Tk-Barandilla	-1.9275	0.0051	3.0672	107.725
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Barandilla	-1.9275	-1.839E-06	5.0665	108.7075
Tk-ObjetoPu ente	231	108.7075	After	Tk-Barandilla	-1.4363	-1.839E-06	5.0665	108.7075
Tk-ObjetoPu ente	232	109.69	Before	Tk-Barandilla	-1.4363	-0.0051	6.5832	109.69
Tk-ObjetoPu ente	233	109.69	After	Tk-Barandilla	-0.9433	0.0112	6.58	109.69
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Barandilla	-0.9433	3.086E-06	7.614	110.6725

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	235	110.6725	After	Tk-Barandilla	-0.4521	3.086E-06	7.614	110.6725
Tk-ObjetoPu ente	236	111.655	Before	Tk-Barandilla	-0.4521	-0.0112	8.1654	111.655
Tk-ObjetoPu ente	237	111.655	After	Tk-Barandilla	0.0403	0.0152	8.1632	111.655
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Barandilla	0.0403	8.374E-06	8.232	112.6375
Tk-ObjetoPu ente	239	112.6375	After	Tk-Barandilla	0.5315	8.374E-06	8.232	112.6375
Tk-ObjetoPu ente	240	113.62	Before	Tk-Barandilla	0.5315	-0.0152	7.8181	113.62
Tk-ObjetoPu ente	241	113.62	After	Tk-Barandilla	1.023	0.0162	7.8176	113.62
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Barandilla	1.023	1.291E-05	6.921	114.6025
Tk-ObjetoPu ente	243	114.6025	After	Tk-Barandilla	1.5143	1.291E-05	6.921	114.6025
Tk-ObjetoPu ente	244	115.585	Before	Tk-Barandilla	1.5143	-0.0162	5.5418	115.585
Tk-ObjetoPu ente	245	115.585	After	Tk-Barandilla	2.0047	0.0132	5.5435	115.585
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Barandilla	2.0047	1.548E-05	3.6816	116.5675
Tk-ObjetoPu ente	247	116.5675	After	Tk-Barandilla	2.4959	1.548E-05	3.6816	116.5675
Tk-ObjetoPu ente	248	117.55	Before	Tk-Barandilla	2.4959	-0.0131	1.3371	117.55
Tk-ObjetoPu ente	249	117.55	After	Tk-Barandilla	2.9849	0.005	1.3416	117.55
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Barandilla	2.9849	1.472E-05	-1.4856	118.5325
Tk-ObjetoPu ente	251	118.5325	After	Tk-Barandilla	3.4762	1.472E-05	-1.4856	118.5325
Tk-ObjetoPu ente	252	119.515	Before	Tk-Barandilla	3.4762	-0.005	-4.7954	119.515
Tk-ObjetoPu ente	253	119.515	After	Tk-Barandilla	3.9643	-0.0062	-4.7892	119.515
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Barandilla	3.9643	9.395E-06	-8.5817	120.4975
Tk-ObjetoPu ente	255	120.4975	After	Tk-Barandilla	4.4556	9.395E-06	-8.5817	120.4975
Tk-ObjetoPu ente	256	121.48	Before	Tk-Barandilla	4.4556	0.0063	-12.8569	121.48
Tk-ObjetoPu ente	257	121.48	After	Tk-Barandilla	-3.6671	-0.0077	-12.856	121.48
Tk-ObjetoPu ente	258	122.48	Before	Tk-Barandilla	-3.6671	2.243E-06	-8.9732	122.48
Tk-ObjetoPu ente	259	122.48	After	Tk-Barandilla	-3.1671	2.243E-06	-8.9732	122.48
Tk-ObjetoPu ente	260	123.48	Before	Tk-Barandilla	-3.1671	0.0077	-5.5904	123.48
Tk-ObjetoPu ente	261	123.48	After	Tk-Barandilla	-2.6654	-0.0013	-5.5937	123.48
Tk-ObjetoPu ente	262	124.48	Before	Tk-Barandilla	-2.6654	4.968E-07	-2.7109	124.48
Tk-ObjetoPu ente	263	124.48	After	Tk-Barandilla	-2.1654	4.968E-07	-2.7109	124.48
Tk-ObjetoPu ente	264	125.48	Before	Tk-Barandilla	-2.1654	0.0013	-0.3281	125.48

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	265	125.48	After	Tk-Barandilla	-1.664	0.0037	-0.3307	125.48
Tk-ObjetoPu ente	266	126.48	Before	Tk-Barandilla	-1.664	1.636E-06	1.5521	126.48
Tk-ObjetoPu ente	267	126.48	After	Tk-Barandilla	-1.164	1.636E-06	1.5521	126.48
Tk-ObjetoPu ente	268	127.48	Before	Tk-Barandilla	-1.164	-0.0037	2.935	127.48
Tk-ObjetoPu ente	269	127.48	After	Tk-Barandilla	-0.6629	0.0075	2.9329	127.48
Tk-ObjetoPu ente	270	128.48	Before	Tk-Barandilla	-0.6629	4.089E-06	3.8158	128.48
Tk-ObjetoPu ente	271	128.48	After	Tk-Barandilla	-0.1629	4.089E-06	3.8158	128.48
Tk-ObjetoPu ente	272	129.48	Before	Tk-Barandilla	-0.1629	-0.0075	4.1986	129.48
Tk-ObjetoPu ente	273	129.48	After	Tk-Barandilla	0.335	3.779E-08	4.2027	129.48
Tk-ObjetoPu ente	274	130.48	Before	Tk-Barandilla	0.335	3.199E-08	4.0856	130.48
Tk-ObjetoPu ente	275	130.48	After	Tk-Barandilla	0.835	3.199E-08	4.0856	130.48
Tk-ObjetoPu ente	276	131.48	Before	Tk-Barandilla	0.835	2.619E-08	3.4685	131.48
Tk-ObjetoPu ente	277	131.48	After	Tk-Barandilla	1.0869	0.0071	3.4646	131.48
Tk-ObjetoPu ente	278	132.48	Before	Tk-Barandilla	1.0869	5.820E-06	2.5975	132.48
Tk-ObjetoPu ente	279	132.48	After	Tk-Barandilla	1.0869	5.820E-06	2.5975	132.48
Tk-ObjetoPu ente	280	133.48	Before	Tk-Barandilla	1.0869	-0.0071	1.7304	133.48
Tk-ObjetoPu ente	281	133.48	After	Tk-Barandilla	1.085	1.460E-08	1.7342	133.48
Tk-ObjetoPu ente	282	134.48	Before	Tk-Barandilla	1.085	8.797E-09	0.8671	134.48
Tk-ObjetoPu ente	283	134.48	After	Tk-Barandilla	1.085	8.797E-09	0.8671	134.48
Tk-ObjetoPu ente	284	135.48	Before	Tk-Barandilla	1.085	2.998E-09	1.709E-10	135.48
Tk-ObjetoPu ente	1	0.	After	Tk-Tarima	8.645E-04	-1.476E-08	-1.532E-08	0.
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Tarima	8.645E-04	-1.332E-08	15.9555	0.93056
Tk-ObjetoPu ente	3	0.93056	After	Tk-Tarima	8.645E-04	-1.332E-08	15.9555	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Tarima	8.645E-04	-1.188E-08	29.3132	1.86111
Tk-ObjetoPu ente	5	1.86111	After	Tk-Tarima	0.0173	0.0563	29.2825	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Tarima	0.0173	-3.530E-07	40.0424	2.79167
Tk-ObjetoPu ente	7	2.79167	After	Tk-Tarima	0.0173	-3.530E-07	40.0424	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Tarima	0.0173	-0.0563	48.2044	3.72222
Tk-ObjetoPu ente	9	3.72222	After	Tk-Tarima	0.0229	0.0752	48.1941	3.72222
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Tarima	0.0229	-1.752E-06	53.7584	4.65278

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	11	4.65278	After	Tk-Tarima	0.0229	-1.752E-06	53.7584	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Tarima	0.0229	-0.0752	56.7249	5.58333
Tk-ObjetoPu ente	13	5.58333	After	Tk-Tarima	0.0243	0.0799	56.7224	5.58333
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Tarima	0.0243	-2.177E-06	57.091	6.51389
Tk-ObjetoPu ente	15	6.51389	After	Tk-Tarima	0.0243	-2.177E-06	57.091	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Tarima	0.0243	-0.0799	54.8619	7.44444
Tk-ObjetoPu ente	17	7.44444	After	Tk-Tarima	0.0214	0.0702	54.8672	7.44444
Tk-ObjetoPu ente	18	8.375	Before	Tk-Tarima	0.0214	-1.596E-06	50.0403	8.375
Tk-ObjetoPu ente	19	8.375	After	Tk-Tarima	0.0214	-1.596E-06	50.0403	8.375
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Tarima	0.0214	-0.0702	42.6155	9.30556
Tk-ObjetoPu ente	21	9.30556	After	Tk-Tarima	0.0144	0.0462	42.6286	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Tarima	0.0144	2.417E-08	32.6061	10.23612
Tk-ObjetoPu ente	23	10.23612	After	Tk-Tarima	0.0144	2.417E-08	32.6061	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Tarima	0.0144	-0.0462	19.9857	11.16667
Tk-ObjetoPu ente	25	11.16667	After	Tk-Tarima	0.0032	0.0079	20.0066	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Tarima	0.0032	2.768E-06	4.7885	12.09723
Tk-ObjetoPu ente	27	12.09723	After	Tk-Tarima	0.0032	2.768E-06	4.7885	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Tarima	0.0032	-0.0079	-13.0274	13.02778
Tk-ObjetoPu ente	29	13.02778	After	Tk-Tarima	-0.0122	-0.0445	-12.9989	13.02778
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Tarima	-0.0122	6.914E-06	-33.4126	13.95834
Tk-ObjetoPu ente	31	13.95834	After	Tk-Tarima	-0.0122	6.914E-06	-33.4126	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Tarima	-0.0122	0.0446	-56.4241	14.88889
Tk-ObjetoPu ente	33	14.88889	After	Tk-Tarima	-0.0318	-0.1115	-56.3876	14.88889
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Tarima	-0.0318	1.258E-05	-81.9969	15.81945
Tk-ObjetoPu ente	35	15.81945	After	Tk-Tarima	-0.0318	1.258E-05	-81.9969	15.81945
Tk-ObjetoPu ente	36	16.75	Before	Tk-Tarima	-0.0318	0.1115	-110.204	16.75
Tk-ObjetoPu ente	37	16.75	After	Tk-Tarima	-0.0318	-0.1126	-110.2034	16.75
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Tarima	-0.0318	1.261E-05	-80.9935	17.70455
Tk-ObjetoPu ente	39	17.70455	After	Tk-Tarima	-0.0318	1.261E-05	-80.9935	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Tarima	-0.0318	0.1126	-54.5171	18.65909

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	41	18.65909	After	Tk-Tarima	-0.0116	-0.0419	-54.5556	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Tarima	-0.0116	7.036E-06	-30.8126	19.61364
Tk-ObjetoPu ente	43	19.61364	After	Tk-Tarima	-0.0116	7.036E-06	-30.8126	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Tarima	-0.0116	0.0419	-9.8032	20.56818
Tk-ObjetoPu ente	45	20.56818	After	Tk-Tarima	0.0041	0.0132	-9.8331	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Tarima	0.0041	2.941E-06	8.4429	21.52273
Tk-ObjetoPu ente	47	21.52273	After	Tk-Tarima	0.0041	2.941E-06	8.4429	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Tarima	0.0041	-0.0132	23.9854	22.47727
Tk-ObjetoPu ente	49	22.47727	After	Tk-Tarima	0.0154	0.0529	23.9638	22.47727
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Tarima	0.0154	-2.024E-08	36.7729	23.43182
Tk-ObjetoPu ente	51	23.43182	After	Tk-Tarima	0.0154	-2.024E-08	36.7729	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Tarima	0.0154	-0.0529	46.8485	24.38636
Tk-ObjetoPu ente	53	24.38636	After	Tk-Tarima	0.0224	0.0774	46.8352	24.38636
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Tarima	0.0224	-1.879E-06	54.1773	25.34091
Tk-ObjetoPu ente	55	25.34091	After	Tk-Tarima	0.0224	-1.879E-06	54.1773	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Tarima	0.0224	-0.0774	58.786	26.29545
Tk-ObjetoPu ente	57	26.29545	After	Tk-Tarima	0.025	0.0865	58.781	26.29545
Tk-ObjetoPu ente	58	27.25	Before	Tk-Tarima	0.025	-2.646E-06	60.6563	27.25
Tk-ObjetoPu ente	59	27.25	After	Tk-Tarima	0.025	-2.646E-06	60.6563	27.25
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Tarima	0.025	-0.0865	59.798	28.20455
Tk-ObjetoPu ente	61	28.20455	After	Tk-Tarima	0.0232	0.0802	59.8014	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Tarima	0.0232	-2.316E-06	56.2096	29.1591
Tk-ObjetoPu ente	63	29.1591	After	Tk-Tarima	0.0232	-2.316E-06	56.2096	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Tarima	0.0232	-0.0802	49.8844	30.11364
Tk-ObjetoPu ente	65	30.11364	After	Tk-Tarima	0.0171	0.0586	49.8962	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Tarima	0.0171	-8.707E-07	40.8375	31.06819
Tk-ObjetoPu ente	67	31.06819	After	Tk-Tarima	0.0171	-8.707E-07	40.8375	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Tarima	0.0171	-0.0586	29.0454	32.02273
Tk-ObjetoPu ente	69	32.02273	After	Tk-Tarima	0.0065	0.0217	29.0655	32.02273
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Tarima	0.0065	1.759E-06	14.5399	32.97728

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	71	32.97728	After	Tk-Tarima	0.0065	1.759E-06	14.5399	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Tarima	0.0065	-0.0217	-2.7192	33.93182
Tk-ObjetoPu ente	73	33.93182	After	Tk-Tarima	-0.0084	-0.0305	-2.6907	33.93182
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Tarima	-0.0084	5.814E-06	-22.6833	34.88637
Tk-ObjetoPu ente	75	34.88637	After	Tk-Tarima	-0.0084	5.814E-06	-22.6833	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Tarima	-0.0084	0.0305	-45.4093	35.84091
Tk-ObjetoPu ente	77	35.84091	After	Tk-Tarima	-0.0278	-0.0983	-45.3724	35.84091
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Tarima	-0.0278	1.143E-05	-70.8318	36.79546
Tk-ObjetoPu ente	79	36.79546	After	Tk-Tarima	-0.0278	1.143E-05	-70.8318	36.79546
Tk-ObjetoPu ente	80	37.75	Before	Tk-Tarima	-0.0278	0.0983	-99.0248	37.75
Tk-ObjetoPu ente	81	37.75	After	Tk-Tarima	-0.0292	-0.1022	-99.0226	37.75
Tk-ObjetoPu ente	82	38.72	Before	Tk-Tarima	-0.0292	1.171E-05	-72.643	38.72
Tk-ObjetoPu ente	83	38.72	After	Tk-Tarima	-0.0292	1.171E-05	-72.643	38.72
Tk-ObjetoPu ente	84	39.69	Before	Tk-Tarima	-0.0292	0.1022	-49.0861	39.69
Tk-ObjetoPu ente	85	39.69	After	Tk-Tarima	-0.0114	-0.039	-49.1205	39.69
Tk-ObjetoPu ente	86	40.66	Before	Tk-Tarima	-0.0114	6.733E-06	-28.3863	40.66
Tk-ObjetoPu ente	87	40.66	After	Tk-Tarima	-0.0114	6.733E-06	-28.3863	40.66
Tk-ObjetoPu ente	88	41.63	Before	Tk-Tarima	-0.0114	0.0391	-10.4747	41.63
Tk-ObjetoPu ente	89	41.63	After	Tk-Tarima	0.0017	0.0078	-10.5002	41.63
Tk-ObjetoPu ente	90	42.6	Before	Tk-Tarima	0.0017	3.222E-06	4.5886	42.6
Tk-ObjetoPu ente	91	42.6	After	Tk-Tarima	0.0017	3.222E-06	4.5886	42.6
Tk-ObjetoPu ente	92	43.57	Before	Tk-Tarima	0.0017	-0.0078	16.8547	43.57
Tk-ObjetoPu ente	93	43.57	After	Tk-Tarima	0.0104	0.0386	16.8379	43.57
Tk-ObjetoPu ente	94	44.54	Before	Tk-Tarima	0.0104	8.908E-07	26.2814	44.54
Tk-ObjetoPu ente	95	44.54	After	Tk-Tarima	0.0104	8.908E-07	26.2814	44.54
Tk-ObjetoPu ente	96	45.51	Before	Tk-Tarima	0.0104	-0.0386	32.9021	45.51
Tk-ObjetoPu ente	97	45.51	After	Tk-Tarima	0.0146	0.0534	32.8941	45.51
Tk-ObjetoPu ente	98	46.48	Before	Tk-Tarima	0.0146	-2.875E-07	36.6921	46.48
Tk-ObjetoPu ente	99	46.48	After	Tk-Tarima	0.0146	-2.875E-07	36.6921	46.48
Tk-ObjetoPu ente	100	47.45	Before	Tk-Tarima	0.0146	-0.0534	37.6674	47.45

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	101	47.45	After	Tk-Tarima	0.0142	0.0522	37.6681	47.45
Tk-ObjetoPu ente	102	48.42	Before	Tk-Tarima	0.0142	-3.150E-07	35.8208	48.42
Tk-ObjetoPu ente	103	48.42	After	Tk-Tarima	0.0142	-3.150E-07	35.8208	48.42
Tk-ObjetoPu ente	104	49.39	Before	Tk-Tarima	0.0142	-0.0522	31.1507	49.39
Tk-ObjetoPu ente	105	49.39	After	Tk-Tarima	0.0094	0.0349	31.1601	49.39
Tk-ObjetoPu ente	106	50.36	Before	Tk-Tarima	0.0094	8.266E-07	23.6674	50.36
Tk-ObjetoPu ente	107	50.36	After	Tk-Tarima	0.0094	8.266E-07	23.6674	50.36
Tk-ObjetoPu ente	108	51.33	Before	Tk-Tarima	0.0094	-0.0349	13.3519	51.33
Tk-ObjetoPu ente	109	51.33	After	Tk-Tarima	4.689E-06	0.0016	13.3701	51.33
Tk-ObjetoPu ente	110	52.3	Before	Tk-Tarima	4.689E-06	3.207E-06	0.2319	52.3
Tk-ObjetoPu ente	111	52.3	After	Tk-Tarima	4.689E-06	3.207E-06	0.2319	52.3
Tk-ObjetoPu ente	112	53.27	Before	Tk-Tarima	4.689E-06	-0.0016	-15.7289	53.27
Tk-ObjetoPu ente	113	53.27	After	Tk-Tarima	-0.0139	-0.0477	-15.7021	53.27
Tk-ObjetoPu ente	114	54.24	Before	Tk-Tarima	-0.0139	7.073E-06	-34.4856	54.24
Tk-ObjetoPu ente	115	54.24	After	Tk-Tarima	-0.0139	7.073E-06	-34.4856	54.24
Tk-ObjetoPu ente	116	55.21	Before	Tk-Tarima	-0.0139	0.0477	-56.0918	55.21
Tk-ObjetoPu ente	117	55.21	After	Tk-Tarima	-0.0323	-0.1133	-56.0561	55.21
Tk-ObjetoPu ente	118	56.18	Before	Tk-Tarima	-0.0323	1.253E-05	-80.485	56.18
Tk-ObjetoPu ente	119	56.18	After	Tk-Tarima	-0.0323	1.253E-05	-80.485	56.18
Tk-ObjetoPu ente	120	57.15	Before	Tk-Tarima	-0.0323	0.1134	-107.7367	57.15
Tk-ObjetoPu ente	121	57.15	After	Tk-Tarima	-0.0309	-0.1072	-107.74	57.15
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Tarima	-0.0309	1.234E-05	-78.725	58.0825
Tk-ObjetoPu ente	123	58.0825	After	Tk-Tarima	-0.0309	1.234E-05	-78.725	58.0825
Tk-ObjetoPu ente	124	59.015	Before	Tk-Tarima	-0.0309	0.1072	-52.3186	59.015
Tk-ObjetoPu ente	125	59.015	After	Tk-Tarima	-0.0107	-0.0379	-52.3563	59.015
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Tarima	-0.0107	6.863E-06	-28.5586	59.9475
Tk-ObjetoPu ente	127	59.9475	After	Tk-Tarima	-0.0107	6.863E-06	-28.5586	59.9475
Tk-ObjetoPu ente	128	60.88	Before	Tk-Tarima	-0.0107	0.0379	-7.3696	60.88
Tk-ObjetoPu ente	129	60.88	After	Tk-Tarima	0.0053	0.0168	-7.3994	60.88
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Tarima	0.0053	2.800E-06	11.181	61.8125

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	131	61.8125	After	Tk-Tarima	0.0053	2.800E-06	11.181	61.8125
Tk-ObjetoPu ente	132	62.745	Before	Tk-Tarima	0.0053	-0.0168	27.1527	62.745
Tk-ObjetoPu ente	133	62.745	After	Tk-Tarima	0.0171	0.0571	27.1307	62.745
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Tarima	0.0171	-1.974E-07	40.4938	63.6775
Tk-ObjetoPu ente	135	63.6775	After	Tk-Tarima	0.0171	-1.974E-07	40.4938	63.6775
Tk-ObjetoPu ente	136	64.61	Before	Tk-Tarima	0.0171	-0.0571	51.2481	64.61
Tk-ObjetoPu ente	137	64.61	After	Tk-Tarima	0.0247	0.0832	51.2339	64.61
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Tarima	0.0247	-2.165E-06	59.3796	65.5425
Tk-ObjetoPu ente	139	65.5425	After	Tk-Tarima	0.0247	-2.165E-06	59.3796	65.5425
Tk-ObjetoPu ente	140	66.475	Before	Tk-Tarima	0.0247	-0.0832	64.9167	66.475
Tk-ObjetoPu ente	141	66.475	After	Tk-Tarima	0.0281	0.0948	64.9103	66.475
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Tarima	0.0281	-3.114E-06	67.8387	67.4075
Tk-ObjetoPu ente	143	67.4075	After	Tk-Tarima	0.0281	-3.114E-06	67.8387	67.4075
Tk-ObjetoPu ente	144	68.34	Before	Tk-Tarima	0.0281	-0.0948	68.1584	68.34
Tk-ObjetoPu ente	145	68.34	After	Tk-Tarima	0.0273	0.0921	68.1599	68.34
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Tarima	0.0273	-3.045E-06	65.8709	69.2725
Tk-ObjetoPu ente	147	69.2725	After	Tk-Tarima	0.0273	-3.045E-06	65.8709	69.2725
Tk-ObjetoPu ente	148	70.205	Before	Tk-Tarima	0.0273	-0.0921	60.9733	70.205
Tk-ObjetoPu ente	149	70.205	After	Tk-Tarima	0.0223	0.075	60.9826	70.205
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Tarima	0.0223	-1.950E-06	53.4763	71.1375
Tk-ObjetoPu ente	151	71.1375	After	Tk-Tarima	0.0223	-1.950E-06	53.4763	71.1375
Tk-ObjetoPu ente	152	72.07	Before	Tk-Tarima	0.0223	-0.075	43.3613	72.07
Tk-ObjetoPu ente	153	72.07	After	Tk-Tarima	0.0131	0.0436	43.3785	72.07
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Tarima	0.0131	2.010E-07	30.6548	73.0025
Tk-ObjetoPu ente	155	73.0025	After	Tk-Tarima	0.0131	2.010E-07	30.6548	73.0025
Tk-ObjetoPu ente	156	73.935	Before	Tk-Tarima	0.0131	-0.0436	15.3226	73.935
Tk-ObjetoPu ente	157	73.935	After	Tk-Tarima	-2.705E-04	-0.0022	15.3475	73.935
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Tarima	-2.705E-04	3.503E-06	-2.5935	74.8675
Tk-ObjetoPu ente	159	74.8675	After	Tk-Tarima	-2.705E-04	3.503E-06	-2.5935	74.8675
Tk-ObjetoPu ente	160	75.8	Before	Tk-Tarima	-2.705E-04	0.0022	-23.1431	75.8

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	161	75.8	After	Tk-Tarima	-0.0178	-0.0623	-23.1104	75.8
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Tarima	-0.0178	8.277E-06	-46.2687	76.7325
Tk-ObjetoPu ente	163	76.7325	After	Tk-Tarima	-0.0178	8.277E-06	-46.2687	76.7325
Tk-ObjetoPu ente	164	77.665	Before	Tk-Tarima	-0.0178	0.0623	-72.0356	77.665
Tk-ObjetoPu ente	165	77.665	After	Tk-Tarima	-0.0397	-0.137	-71.995	77.665
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Tarima	-0.0397	1.460E-05	-100.3706	78.5975
Tk-ObjetoPu ente	167	78.5975	After	Tk-Tarima	-0.0397	1.460E-05	-100.3706	78.5975
Tk-ObjetoPu ente	168	79.53	Before	Tk-Tarima	-0.0397	0.137	-131.3549	79.53
Tk-ObjetoPu ente	169	79.53	After	Tk-Tarima	-0.0401	-0.1371	-131.3548	79.53
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Tarima	-0.0401	1.465E-05	-100.8351	80.45917
Tk-ObjetoPu ente	171	80.45917	After	Tk-Tarima	-0.0401	1.465E-05	-100.8351	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Tarima	-0.0401	0.1372	-72.9055	81.38833
Tk-ObjetoPu ente	173	81.38833	After	Tk-Tarima	-0.0187	-0.0639	-72.9453	81.38833
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Tarima	-0.0187	8.767E-06	-47.6057	82.3175
Tk-ObjetoPu ente	175	82.3175	After	Tk-Tarima	-0.0187	8.767E-06	-47.6057	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Tarima	-0.0187	0.064	-24.8562	83.24667
Tk-ObjetoPu ente	177	83.24667	After	Tk-Tarima	-0.0014	-0.0051	-24.8882	83.24667
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Tarima	-0.0014	4.394E-06	-4.7287	84.17584
Tk-ObjetoPu ente	179	84.17584	After	Tk-Tarima	-0.0014	4.394E-06	-4.7287	84.17584
Tk-ObjetoPu ente	180	85.105	Before	Tk-Tarima	-0.0014	0.0051	12.8407	85.105
Tk-ObjetoPu ente	181	85.105	After	Tk-Tarima	0.0117	0.0395	12.8164	85.105
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Tarima	0.0117	1.090E-06	27.7958	86.03417
Tk-ObjetoPu ente	183	86.03417	After	Tk-Tarima	0.0117	1.090E-06	27.7958	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Tarima	0.0117	-0.0395	40.1851	86.96333
Tk-ObjetoPu ente	185	86.96333	After	Tk-Tarima	0.0206	0.07	40.1685	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Tarima	0.0206	-1.191E-06	49.9678	87.8925
Tk-ObjetoPu ente	187	87.8925	After	Tk-Tarima	0.0206	-1.191E-06	49.9678	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Tarima	0.0206	-0.07	57.1771	88.82167
Tk-ObjetoPu ente	189	88.82167	After	Tk-Tarima	0.0254	0.0862	57.1682	88.82167
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Tarima	0.0254	-2.463E-06	61.7874	89.75084

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	191	89.75084	After	Tk-Tarima	0.0254	-2.463E-06	61.7874	89.75084
Tk-ObjetoPu ente	192	90.68	Before	Tk-Tarima	0.0254	-0.0862	63.8166	90.68
Tk-ObjetoPu ente	193	90.68	After	Tk-Tarima	0.026	0.0882	63.8155	90.68
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Tarima	0.026	-2.729E-06	63.2546	91.60917
Tk-ObjetoPu ente	195	91.60917	After	Tk-Tarima	0.026	-2.729E-06	63.2546	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Tarima	0.026	-0.0883	60.1036	92.53833
Tk-ObjetoPu ente	197	92.53833	After	Tk-Tarima	0.0224	0.076	60.1102	92.53833
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Tarima	0.0224	-1.980E-06	54.3692	93.4675
Tk-ObjetoPu ente	199	93.4675	After	Tk-Tarima	0.0224	-1.980E-06	54.3692	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Tarima	0.0224	-0.076	46.0382	94.39667
Tk-ObjetoPu ente	201	94.39667	After	Tk-Tarima	0.0147	0.0496	46.0526	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Tarima	0.0147	-1.911E-07	35.1315	95.32584
Tk-ObjetoPu ente	203	95.32584	After	Tk-Tarima	0.0147	-1.911E-07	35.1315	95.32584
Tk-ObjetoPu ente	204	96.255	Before	Tk-Tarima	0.0147	-0.0496	21.6203	96.255
Tk-ObjetoPu ente	205	96.255	After	Tk-Tarima	0.0027	0.009	21.6424	96.255
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Tarima	0.0027	2.725E-06	5.5413	97.18417
Tk-ObjetoPu ente	207	97.18417	After	Tk-Tarima	0.0027	2.725E-06	5.5413	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Tarima	0.0027	-0.009	-13.15	98.11333
Tk-ObjetoPu ente	209	98.11333	After	Tk-Tarima	-0.0133	-0.0458	-13.1201	98.11333
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Tarima	-0.0133	7.058E-06	-34.4015	99.0425
Tk-ObjetoPu ente	211	99.0425	After	Tk-Tarima	-0.0133	7.058E-06	-34.4015	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Tarima	-0.0133	0.0459	-58.2729	99.97167
Tk-ObjetoPu ente	213	99.97167	After	Tk-Tarima	-0.0336	-0.115	-58.2352	99.97167
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Tarima	-0.0336	1.294E-05	-84.6966	100.90084
Tk-ObjetoPu ente	215	100.90084	After	Tk-Tarima	-0.0336	1.294E-05	-84.6966	100.90084
Tk-ObjetoPu ente	216	101.83	Before	Tk-Tarima	-0.0336	0.1151	-113.748	101.83
Tk-ObjetoPu ente	217	101.83	After	Tk-Tarima	-0.0332	-0.1201	-113.7452	101.83
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Tarima	-0.0332	1.309E-05	-84.3696	102.8125
Tk-ObjetoPu ente	219	102.8125	After	Tk-Tarima	-0.0332	1.309E-05	-84.3696	102.8125
Tk-ObjetoPu ente	220	103.795	Before	Tk-Tarima	-0.0332	0.1201	-57.8899	103.795

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	221	103.795	After	Tk-Tarima	-0.0132	-0.048	-57.9292	103.795
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Tarima	-0.0132	7.403E-06	-34.3454	104.7775
Tk-ObjetoPu ente	223	104.7775	After	Tk-Tarima	-0.0132	7.403E-06	-34.3454	104.7775
Tk-ObjetoPu ente	224	105.76	Before	Tk-Tarima	-0.0132	0.048	-13.6576	105.76
Tk-ObjetoPu ente	225	105.76	After	Tk-Tarima	0.0021	0.0071	-13.6876	105.76
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Tarima	0.0021	3.284E-06	4.1043	106.7425
Tk-ObjetoPu ente	227	106.7425	After	Tk-Tarima	0.0021	3.284E-06	4.1043	106.7425
Tk-ObjetoPu ente	228	107.725	Before	Tk-Tarima	0.0021	-0.0071	19.0004	107.725
Tk-ObjetoPu ente	229	107.725	After	Tk-Tarima	0.0128	0.0457	18.9794	107.725
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Tarima	0.0128	3.904E-07	30.9795	108.7075
Tk-ObjetoPu ente	231	108.7075	After	Tk-Tarima	0.0128	3.904E-07	30.9795	108.7075
Tk-ObjetoPu ente	232	109.69	Before	Tk-Tarima	0.0128	-0.0457	40.0837	109.69
Tk-ObjetoPu ente	233	109.69	After	Tk-Tarima	0.0189	0.0677	40.0717	109.69
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Tarima	0.0189	-1.306E-06	46.28	110.6725
Tk-ObjetoPu ente	235	110.6725	After	Tk-Tarima	0.0189	-1.306E-06	46.28	110.6725
Tk-ObjetoPu ente	236	111.655	Before	Tk-Tarima	0.0189	-0.0677	49.5924	111.655
Tk-ObjetoPu ente	237	111.655	After	Tk-Tarima	0.0204	0.073	49.5894	111.655
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Tarima	0.0204	-1.811E-06	50.0059	112.6375
Tk-ObjetoPu ente	239	112.6375	After	Tk-Tarima	0.0204	-1.811E-06	50.0059	112.6375
Tk-ObjetoPu ente	240	113.62	Before	Tk-Tarima	0.0204	-0.073	47.5264	113.62
Tk-ObjetoPu ente	241	113.62	After	Tk-Tarima	0.0172	0.0617	47.5325	113.62
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Tarima	0.0172	-1.112E-06	42.1572	114.6025
Tk-ObjetoPu ente	243	114.6025	After	Tk-Tarima	0.0172	-1.112E-06	42.1572	114.6025
Tk-ObjetoPu ente	244	115.585	Before	Tk-Tarima	0.0172	-0.0617	33.8859	115.585
Tk-ObjetoPu ente	245	115.585	After	Tk-Tarima	0.0095	0.0339	33.901	115.585
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Tarima	0.0095	8.367E-07	22.7338	116.5675
Tk-ObjetoPu ente	247	116.5675	After	Tk-Tarima	0.0095	8.367E-07	22.7338	116.5675
Tk-ObjetoPu ente	248	117.55	Before	Tk-Tarima	0.0095	-0.0339	8.6707	117.55
Tk-ObjetoPu ente	249	117.55	After	Tk-Tarima	-0.0028	-0.0106	8.6949	117.55
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Tarima	-0.0028	4.214E-06	-8.2641	118.5325

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	251	118.5325	After	Tk-Tarima	-0.0028	4.214E-06	-8.2641	118.5325
Tk-ObjetoPu ente	252	119.515	Before	Tk-Tarima	-0.0028	0.0106	-28.1191	119.515
Tk-ObjetoPu ente	253	119.515	After	Tk-Tarima	-0.0199	-0.072	-28.0857	119.515
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Tarima	-0.0199	9.181E-06	-50.8366	120.4975
Tk-ObjetoPu ente	255	120.4975	After	Tk-Tarima	-0.0199	9.181E-06	-50.8366	120.4975
Tk-ObjetoPu ente	256	121.48	Before	Tk-Tarima	-0.0199	0.072	-76.4834	121.48
Tk-ObjetoPu ente	257	121.48	After	Tk-Tarima	-0.0209	-0.0765	-76.4809	121.48
Tk-ObjetoPu ente	258	122.48	Before	Tk-Tarima	-0.0209	9.523E-06	-53.2293	122.48
Tk-ObjetoPu ente	259	122.48	After	Tk-Tarima	-0.0209	9.523E-06	-53.2293	122.48
Tk-ObjetoPu ente	260	123.48	Before	Tk-Tarima	-0.0209	0.0765	-32.9777	123.48
Tk-ObjetoPu ente	261	123.48	After	Tk-Tarima	-0.006	-0.0217	-33.0075	123.48
Tk-ObjetoPu ente	262	124.48	Before	Tk-Tarima	-0.006	5.224E-06	-15.7559	124.48
Tk-ObjetoPu ente	263	124.48	After	Tk-Tarima	-0.006	5.224E-06	-15.7559	124.48
Tk-ObjetoPu ente	264	125.48	Before	Tk-Tarima	-0.006	0.0217	-1.5043	125.48
Tk-ObjetoPu ente	265	125.48	After	Tk-Tarima	0.0041	0.0153	-1.5245	125.48
Tk-ObjetoPu ente	266	126.48	Before	Tk-Tarima	0.0041	2.279E-06	9.7271	126.48
Tk-ObjetoPu ente	267	126.48	After	Tk-Tarima	0.0041	2.279E-06	9.7271	126.48
Tk-ObjetoPu ente	268	127.48	Before	Tk-Tarima	0.0041	-0.0153	17.9787	127.48
Tk-ObjetoPu ente	269	127.48	After	Tk-Tarima	0.0094	0.0348	17.9681	127.48
Tk-ObjetoPu ente	270	128.48	Before	Tk-Tarima	0.0094	2.898E-07	23.2197	128.48
Tk-ObjetoPu ente	271	128.48	After	Tk-Tarima	0.0094	2.898E-07	23.2197	128.48
Tk-ObjetoPu ente	272	129.48	Before	Tk-Tarima	0.0094	-0.0348	25.4713	129.48
Tk-ObjetoPu ente	273	129.48	After	Tk-Tarima	-2.781E-05	7.581E-09	25.4903	129.48
Tk-ObjetoPu ente	274	130.48	Before	Tk-Tarima	-2.781E-05	6.370E-09	24.7419	130.48
Tk-ObjetoPu ente	275	130.48	After	Tk-Tarima	-2.781E-05	6.370E-09	24.7419	130.48
Tk-ObjetoPu ente	276	131.48	Before	Tk-Tarima	-2.781E-05	5.158E-09	20.9935	131.48
Tk-ObjetoPu ente	277	131.48	After	Tk-Tarima	0.0064	0.0236	20.9807	131.48
Tk-ObjetoPu ente	278	132.48	Before	Tk-Tarima	0.0064	-1.204E-06	15.7323	132.48
Tk-ObjetoPu ente	279	132.48	After	Tk-Tarima	0.0064	-1.204E-06	15.7323	132.48
Tk-ObjetoPu ente	280	133.48	Before	Tk-Tarima	0.0064	-0.0236	10.4839	133.48

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	281	133.48	After	Tk-Tarima	-2.781E-05	2.736E-09	10.4968	133.48
Tk-ObjetoPu ente	282	134.48	Before	Tk-Tarima	-2.781E-05	1.525E-09	5.2484	134.48
Tk-ObjetoPu ente	283	134.48	After	Tk-Tarima	-2.781E-05	1.524E-09	5.2484	134.48
Tk-ObjetoPu ente	284	135.48	Before	Tk-Tarima	-2.781E-05	3.132E-10	-1.194E-09	135.48
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis1	0.0014	-2.349E-08	-2.437E-08	0.
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis1	0.0014	-2.235E-08	26.593	0.93056
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis1	0.0014	-2.235E-08	26.593	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis1	0.0014	-2.122E-08	48.8564	1.86111
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis1	0.0289	0.0938	48.8053	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis1	0.0289	-5.912E-07	66.739	2.79167
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis1	0.0289	-5.912E-07	66.739	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis1	0.0289	-0.0938	80.343	3.72222
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis1	0.0382	0.1254	80.3258	3.72222
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis1	0.0382	-2.925E-06	89.6001	4.65278
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis1	0.0382	-2.925E-06	89.6001	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis1	0.0382	-0.1254	94.5449	5.58333
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis1	0.0404	0.1331	94.5407	5.58333
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis1	0.0404	-3.636E-06	95.1557	6.51389
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis1	0.0404	-3.636E-06	95.1557	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis1	0.0404	-0.1331	91.4411	7.44444
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis1	0.0357	0.1169	91.4499	7.44444

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis1	0.0357	-2.671E-06	83.4056	8.375
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis1	0.0357	-2.671E-06	83.4056	8.375
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis1	0.0357	-0.117	71.0316	9.30556
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis1	0.024	0.077	71.0534	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis1	0.024	2.688E-08	54.3497	10.23612
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis1	0.024	2.688E-08	54.3497	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis1	0.024	-0.077	33.3164	11.16667
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis1	0.0053	0.0132	33.3511	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis1	0.0053	4.597E-06	7.9882	12.09723
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis1	0.0053	4.597E-06	7.9882	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis1	0.0053	-0.0132	-21.7045	13.02778
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis1	-0.0203	-0.0742	-21.6568	13.02778
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis1	-0.0203	1.150E-05	-55.6791	13.95834
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis1	-0.0203	1.150E-05	-55.6791	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis1	-0.0203	0.0743	-94.031	14.88889
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis1	-0.053	-0.1858	-93.9702	14.88889
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis1	-0.053	2.095E-05	-136.6518	15.81945
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis1	-0.053	2.095E-05	-136.6518	15.81945
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis1	-0.053	0.1859	-183.6631	16.75
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis1	-0.053	-0.1876	-183.6621	16.75

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis1	-0.053	2.100E-05	-134.9811	17.70455
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis1	-0.053	2.100E-05	-134.9811	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis1	-0.053	0.1876	-90.856	18.65909
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis1	-0.0194	-0.0698	-90.9201	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis1	-0.0194	1.170E-05	-51.3507	19.61364
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis1	-0.0194	1.170E-05	-51.3507	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis1	-0.0194	0.0698	-16.3371	20.56818
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis1	0.0068	0.0219	-16.3871	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis1	0.0068	4.872E-06	14.0708	21.52273
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis1	0.0068	4.872E-06	14.0708	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis1	0.0068	-0.0219	39.9728	22.47727
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis1	0.0257	0.0882	39.9368	22.47727
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis1	0.0257	-6.434E-08	61.2831	23.43182
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis1	0.0257	-6.434E-08	61.2831	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis1	0.0257	-0.0882	78.0736	24.38636
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis1	0.0374	0.1289	78.0514	24.38636
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis1	0.0374	-3.165E-06	90.2861	25.34091
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis1	0.0374	-3.165E-06	90.2861	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis1	0.0374	-0.1289	97.9651	26.29545
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis1	0.0417	0.1441	97.9568	26.29545

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis1	0.0417	-4.445E-06	101.08	27.25
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis1	0.0417	-4.445E-06	101.08	27.25
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis1	0.0417	-0.1441	99.6474	28.20455
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis1	0.0387	0.1337	99.6531	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis1	0.0387	-3.898E-06	93.6646	29.1591
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis1	0.0387	-3.898E-06	93.6646	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis1	0.0387	-0.1337	83.1204	30.11364
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis1	0.0284	0.0977	83.14	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis1	0.0284	-1.491E-06	68.0401	31.06819
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis1	0.0284	-1.491E-06	68.0401	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis1	0.0284	-0.0977	48.3843	32.02273
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis1	0.0109	0.0362	48.4178	32.02273
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis1	0.0109	2.890E-06	24.2063	32.97728
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis1	0.0109	2.890E-06	24.2063	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis1	0.0109	-0.0361	-4.561	33.93182
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis1	-0.014	-0.0509	-4.5136	33.93182
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis1	-0.014	9.646E-06	-37.8367	34.88637
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis1	-0.014	9.646E-06	-37.8367	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis1	-0.014	0.0509	-75.7155	35.84091
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis1	-0.0463	-0.1639	-75.654	35.84091

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis1	-0.0463	1.900E-05	-118.0886	36.79546
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis1	-0.0463	1.900E-05	-118.0886	36.79546
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis1	-0.0463	0.1639	-165.079	37.75
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis1	-0.0486	-0.1703	-165.0755	37.75
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis1	-0.0486	1.948E-05	-121.1	38.72
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis1	-0.0486	1.948E-05	-121.1	38.72
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis1	-0.0486	0.1704	-81.8291	39.69
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis1	-0.019	-0.0651	-81.8864	39.69
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis1	-0.019	1.117E-05	-47.3199	40.66
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis1	-0.019	1.117E-05	-47.3199	40.66
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis1	-0.019	0.0651	-17.458	41.63
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis1	0.0029	0.013	-17.5005	41.63
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis1	0.0029	5.315E-06	7.657	42.6
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis1	0.0029	5.315E-06	7.657	42.6
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis1	0.0029	-0.013	28.1099	43.57
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis1	0.0174	0.0644	28.0819	43.57
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis1	0.0174	1.426E-06	43.8304	44.54
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis1	0.0174	1.426E-06	43.8304	44.54
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis1	0.0174	-0.0644	54.8744	45.51
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis1	0.0243	0.0891	54.861	45.51

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis1	0.0243	-5.415E-07	61.2005	46.48
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis1	0.0243	-5.415E-07	61.2005	46.48
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis1	0.0243	-0.0891	62.8354	47.45
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis1	0.0237	0.087	62.8365	47.45
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis1	0.0237	-5.908E-07	59.767	48.42
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis1	0.0237	-5.908E-07	59.767	48.42
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis1	0.0237	-0.087	51.993	49.39
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis1	0.0156	0.0583	52.0087	49.39
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis1	0.0156	1.309E-06	39.5302	50.36
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis1	0.0156	1.309E-06	39.5302	50.36
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis1	0.0156	-0.0583	22.3472	51.33
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis1	5.440E-05	0.0028	22.3774	51.33
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis1	5.440E-05	5.272E-06	0.49	52.3
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis1	5.440E-05	5.272E-06	0.49	52.3
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis1	5.440E-05	-0.0028	-26.102	53.27
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis1	-0.023	-0.0794	-26.0573	53.27
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis1	-0.023	1.171E-05	-57.3538	54.24
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis1	-0.023	1.171E-05	-57.3538	54.24
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis1	-0.023	0.0794	-93.3547	55.21
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis1	-0.0538	-0.1887	-93.2952	55.21

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis1	-0.0538	2.079E-05	-134.0007	56.18
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis1	-0.0538	2.079E-05	-134.0007	56.18
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis1	-0.0538	0.1887	-179.4106	57.15
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis1	-0.0515	-0.1784	-179.4162	57.15
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis1	-0.0515	2.048E-05	-131.0867	58.0825
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis1	-0.0515	2.048E-05	-131.0867	58.0825
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis1	-0.0515	0.1785	-87.1049	59.015
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis1	-0.0178	-0.0631	-87.1677	59.015
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis1	-0.0178	1.136E-05	-47.5338	59.9475
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis1	-0.0178	1.136E-05	-47.5338	59.9475
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis1	-0.0178	0.0631	-12.2476	60.88
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis1	0.0088	0.028	-12.2972	60.88
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis1	0.0088	4.597E-06	18.6412	61.8125
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis1	0.0088	4.597E-06	18.6412	61.8125
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis1	0.0088	-0.0279	45.2318	62.745
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis1	0.0284	0.0952	45.1952	62.745
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis1	0.0284	-3.931E-07	67.4381	63.6775
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis1	0.0284	-3.931E-07	67.4381	63.6775
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis1	0.0284	-0.0952	85.3332	64.61
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis1	0.0411	0.1385	85.3096	64.61

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis1	0.0411	-3.667E-06	98.8569	65.5425
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis1	0.0411	-3.667E-06	98.8569	65.5425
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis1	0.0411	-0.1385	108.0564	66.475
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis1	0.0468	0.1578	108.0459	66.475
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis1	0.0468	-5.244E-06	112.8976	67.4075
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis1	0.0468	-5.244E-06	112.8976	67.4075
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis1	0.0468	-0.1578	113.4016	68.34
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis1	0.0454	0.1532	113.4041	68.34
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis1	0.0454	-5.124E-06	109.5603	69.2725
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis1	0.0454	-5.124E-06	109.5603	69.2725
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis1	0.0454	-0.1532	101.3687	70.205
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis1	0.0371	0.1246	101.3842	70.205
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis1	0.0371	-3.293E-06	88.8449	71.1375
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis1	0.0371	-3.293E-06	88.8449	71.1375
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis1	0.0371	-0.1246	71.9577	72.07
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis1	0.0217	0.0721	71.9863	72.07
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis1	0.0217	2.960E-07	50.7514	73.0025
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis1	0.0217	2.960E-07	50.7514	73.0025
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis1	0.0217	-0.0721	25.1687	73.935
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis1	-6.277E-04	-0.0043	25.2103	73.935

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis1	-6.277E-04	5.805E-06	-4.7201	74.8675
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis1	-6.277E-04	5.805E-06	-4.7201	74.8675
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis1	-6.277E-04	0.0043	-38.9984	75.8
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis1	-0.0299	-0.1045	-38.9438	75.8
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis1	-0.0299	1.377E-05	-77.5698	76.7325
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis1	-0.0299	1.377E-05	-77.5698	76.7325
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis1	-0.0299	0.1045	-120.5436	77.665
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis1	-0.0663	-0.229	-120.4758	77.665
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis1	-0.0663	2.431E-05	-167.7974	78.5975
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis1	-0.0663	2.431E-05	-167.7974	78.5975
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis1	-0.0663	0.229	-219.4668	79.53
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis1	-0.067	-0.2292	-219.4666	79.53
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis1	-0.067	2.440E-05	-168.4918	80.45917
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis1	-0.067	2.440E-05	-168.4918	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis1	-0.067	0.2292	-121.8335	81.38833
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis1	-0.0311	-0.1069	-121.9001	81.38833
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis1	-0.0311	1.456E-05	-79.5586	82.3175
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis1	-0.0311	1.456E-05	-79.5586	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis1	-0.0311	0.1069	-41.5339	83.24667
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis1	-0.0023	-0.0085	-41.5874	83.24667

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis1	-0.0023	7.250E-06	-7.8794	84.17584
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis1	-0.0023	7.250E-06	-7.8794	84.17584
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis1	-0.0023	0.0086	21.5117	85.105
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis1	0.0196	0.0662	21.471	85.105
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis1	0.0196	1.722E-06	46.5455	86.03417
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis1	0.0196	1.722E-06	46.5455	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis1	0.0196	-0.0662	67.3032	86.96333
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis1	0.0346	0.1173	67.2754	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis1	0.0346	-2.102E-06	83.7164	87.8925
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis1	0.0346	-2.102E-06	83.7164	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis1	0.0346	-0.1173	95.8406	88.82167
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis1	0.0427	0.1446	95.8257	88.82167
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis1	0.0427	-4.244E-06	103.6332	89.75084
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis1	0.0427	-4.244E-06	103.6332	89.75084
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis1	0.0427	-0.1446	107.1239	90.68
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis1	0.0437	0.1483	107.1219	90.68
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis1	0.0437	-4.709E-06	106.2959	91.60917
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis1	0.0437	-4.709E-06	106.2959	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis1	0.0437	-0.1483	101.1531	92.53833
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis1	0.0379	0.1282	101.164	92.53833

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis1	0.0379	-3.483E-06	91.7045	93.4675
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis1	0.0379	-3.483E-06	91.7045	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis1	0.0379	-0.1282	77.9282	94.39667
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis1	0.025	0.0845	77.952	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis1	0.025	-5.243E-07	59.859	95.32584
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis1	0.025	-5.243E-07	59.859	95.32584
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis1	0.025	-0.0845	37.4492	96.255
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis1	0.0052	0.017	37.4859	96.255
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis1	0.0052	4.311E-06	10.7595	97.18417
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis1	0.0052	4.311E-06	10.7595	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis1	0.0052	-0.017	-20.2838	98.11333
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis1	-0.0215	-0.074	-20.2343	98.11333
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis1	-0.0215	1.150E-05	-55.5943	99.0425
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis1	-0.0215	1.150E-05	-55.5943	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis1	-0.0215	0.074	-95.2711	99.97167
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis1	-0.0552	-0.189	-95.2085	99.97167
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis1	-0.0552	2.126E-05	-139.2021	100.90084
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis1	-0.0552	2.126E-05	-139.2021	100.90084
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis1	-0.0552	0.1891	-187.5123	101.83
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis1	-0.0549	-0.1979	-187.5074	101.83

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis1	-0.0549	2.156E-05	-139.0742	102.8125
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis1	-0.0549	2.156E-05	-139.0742	102.8125
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis1	-0.0549	0.1979	-95.4677	103.795
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis1	-0.022	-0.0793	-95.5322	103.795
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis1	-0.022	1.220E-05	-56.7522	104.7775
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis1	-0.022	1.220E-05	-56.7522	104.7775
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis1	-0.022	0.0793	-22.7986	105.76
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis1	0.0031	0.0111	-22.8479	105.76
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis1	0.0031	5.442E-06	6.2792	106.7425
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis1	0.0031	5.442E-06	6.2792	106.7425
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis1	0.0031	-0.0111	30.5797	107.725
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis1	0.0205	0.0739	30.5455	107.725
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis1	0.0205	7.319E-07	50.0195	108.7075
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis1	0.0205	7.319E-07	50.0195	108.7075
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis1	0.0205	-0.0739	64.6669	109.69
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis1	0.0302	0.109	64.6478	109.69
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis1	0.0302	-1.984E-06	74.4687	110.6725
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis1	0.0302	-1.984E-06	74.4687	110.6725
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis1	0.0302	-0.109	79.4631	111.655
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis1	0.0323	0.1164	79.459	111.655

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis1	0.0323	-2.713E-06	79.6269	112.6375
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis1	0.0323	-2.713E-06	79.6269	112.6375
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis1	0.0323	-0.1164	74.9682	113.62
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis1	0.0267	0.0961	74.9793	113.62
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis1	0.0267	-1.433E-06	65.4941	114.6025
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis1	0.0267	-1.433E-06	65.4941	114.6025
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis1	0.0267	-0.0961	51.1824	115.585
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis1	0.0134	0.0481	51.2085	115.585
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis1	0.0134	1.940E-06	32.0703	116.5675
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis1	0.0134	1.940E-06	32.0703	116.5675
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis1	0.0134	-0.0481	8.1055	117.55
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis1	-0.0076	-0.0276	8.1467	117.55
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis1	-0.0076	7.728E-06	-20.6446	118.5325
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis1	-0.0076	7.728E-06	-20.6446	118.5325
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis1	-0.0076	0.0276	-54.2624	119.515
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis1	-0.0364	-0.1314	-54.2059	119.515
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis1	-0.0364	1.620E-05	-92.6503	120.4975
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis1	-0.0364	1.620E-05	-92.6503	120.4975
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis1	-0.0364	0.1314	-135.9211	121.48
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis1	-0.0364	-0.1348	-135.9193	121.48

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis1	-0.0364	1.650E-05	-93.7055	122.48
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis1	-0.0364	1.650E-05	-93.7055	122.48
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis1	-0.0364	0.1348	-56.4918	123.48
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis1	-0.0088	-0.0334	-56.547	123.48
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis1	-0.0088	8.640E-06	-24.3333	124.48
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis1	-0.0088	8.640E-06	-24.3333	124.48
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis1	-0.0088	0.0334	2.8805	125.48
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis1	0.0108	0.0384	2.8414	125.48
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis1	0.0108	3.233E-06	25.0551	126.48
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis1	0.0108	3.233E-06	25.0551	126.48
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis1	0.0108	-0.0384	42.2689	127.48
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis1	0.0225	0.0813	42.2455	127.48
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis1	0.0225	-6.996E-08	54.4593	128.48
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis1	0.0225	-6.996E-08	54.4593	128.48
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis1	0.0225	-0.0813	61.6731	129.48
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis1	3.178E-04	-7.924E-09	61.7174	129.48
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis1	3.178E-04	-6.447E-09	63.9311	130.48
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis1	3.178E-04	-6.447E-09	63.9311	130.48
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis1	3.178E-04	-4.970E-09	61.1449	131.48
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis1	0.0219	0.0794	61.1016	131.48

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis1	0.0219	-1.075E-06	53.3154	132.48
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis1	0.0219	-1.075E-06	53.3154	132.48
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis1	0.0219	-0.0794	40.5292	133.48
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis1	3.178E-04	-2.016E-09	40.5725	133.48
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis1	3.178E-04	-5.389E-10	22.7862	134.48
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis1	3.178E-04	-5.391E-10	22.7862	134.48
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis1	3.178E-04	9.378E-10	-6.513E-09	135.48
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis2	0.0047	-3.372E-08	-3.527E-08	0.
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis2	0.0047	-3.290E-08	33.7903	0.93056
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis2	0.0047	-3.290E-08	33.7903	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis2	0.0047	-3.208E-08	63.2509	1.86111
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis2	0.0409	0.1235	63.1836	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis2	0.0409	-2.489E-06	88.3145	2.79167
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis2	0.0409	-2.489E-06	88.3145	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis2	0.0409	-0.1235	109.1158	3.72222
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis2	0.0559	0.1749	109.0878	3.72222
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis2	0.0559	-6.228E-06	125.5594	4.65278
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis2	0.0559	-6.228E-06	125.5594	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis2	0.0559	-0.1749	137.7014	5.58333
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis2	0.064	0.2024	137.6864	5.58333

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis2	0.064	-8.351E-06	145.4987	6.51389
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis2	0.064	-8.351E-06	145.4987	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis2	0.064	-0.2024	148.9814	7.44444
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis2	0.065	0.206	148.9794	7.44444
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis2	0.065	-8.828E-06	148.1324	8.375
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis2	0.065	-8.828E-06	148.1324	8.375
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis2	0.065	-0.2061	142.9557	9.30556
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis2	0.0591	0.1858	142.9666	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis2	0.0591	-7.675E-06	133.4603	10.23612
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis2	0.0591	-7.675E-06	133.4603	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis2	0.0591	-0.1858	119.6242	11.16667
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis2	0.0462	0.1417	119.6482	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis2	0.0462	-4.976E-06	101.4825	12.09723
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis2	0.0462	-4.976E-06	101.4825	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis2	0.0462	-0.1418	78.9872	13.02778
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis2	0.0263	0.0737	79.0242	13.02778
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis2	0.0263	-9.564E-07	52.1992	13.95834
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis2	0.0263	-9.564E-07	52.1992	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis2	0.0263	-0.0737	21.0445	14.88889
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis2	-8.497E-04	-0.0189	21.095	14.88889

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis2	-8.497E-04	4.181E-06	-14.3894	15.81945
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis2	-8.497E-04	4.181E-06	-14.3894	15.81945
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis2	-8.497E-04	0.0189	-54.2034	16.75
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis2	-0.0257	-0.0771	-54.1716	16.75
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis2	-0.0257	6.576E-06	-55.513	17.70455
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis2	-0.0257	6.576E-06	-55.513	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis2	-0.0257	0.0771	-56.8544	18.65909
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis2	-0.0269	-0.0813	-56.8521	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis2	-0.0269	5.956E-06	-58.1935	19.61364
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis2	-0.0269	5.956E-06	-58.1935	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis2	-0.0269	0.0814	-59.5348	20.56818
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis2	-0.0281	-0.0854	-59.5326	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis2	-0.0281	6.060E-06	-60.874	21.52273
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis2	-0.0281	6.060E-06	-60.874	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis2	-0.0281	0.0854	-62.2154	22.47727
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis2	-0.0292	-0.0893	-62.2133	22.47727
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis2	-0.0292	6.282E-06	-63.5546	23.43182
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis2	-0.0292	6.282E-06	-63.5546	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis2	-0.0292	0.0893	-64.896	24.38636
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis2	-0.0303	-0.0931	-64.8939	24.38636

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis2	-0.0303	6.539E-06	-66.2353	25.34091
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis2	-0.0303	6.539E-06	-66.2353	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis2	-0.0303	0.0931	-67.5767	26.29545
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis2	-0.0313	-0.0968	-67.5746	26.29545
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis2	-0.0313	6.814E-06	-68.916	27.25
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis2	-0.0313	6.814E-06	-68.916	27.25
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis2	-0.0313	0.0969	-70.2574	28.20455
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis2	-0.0324	-0.1006	-70.2553	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis2	-0.0324	7.117E-06	-71.5967	29.1591
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis2	-0.0324	7.117E-06	-71.5967	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis2	-0.0324	0.1006	-72.9381	30.11364
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis2	-0.0335	-0.1043	-72.936	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis2	-0.0335	7.500E-06	-74.2774	31.06819
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis2	-0.0335	7.500E-06	-74.2774	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis2	-0.0335	0.1043	-75.6188	32.02273
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis2	-0.0345	-0.108	-75.6168	32.02273
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis2	-0.0345	8.146E-06	-76.9581	32.97728
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis2	-0.0345	8.146E-06	-76.9581	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis2	-0.0345	0.108	-78.2995	33.93182
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis2	-0.0355	-0.1114	-78.2976	33.93182

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis2	-0.0355	9.634E-06	-79.639	34.88637
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis2	-0.0355	9.634E-06	-79.639	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis2	-0.0355	0.1114	-80.9804	35.84091
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis2	-0.0364	-0.1146	-80.9786	35.84091
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis2	-0.0364	1.246E-05	-82.32	36.79546
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis2	-0.0364	1.246E-05	-82.32	36.79546
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis2	-0.0364	0.1146	-83.6614	37.75
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis2	-0.0103	-0.053	-83.6949	37.75
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis2	-0.0103	9.869E-06	-37.8874	38.72
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis2	-0.0103	9.869E-06	-37.8874	38.72
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis2	-0.0103	0.053	3.2155	39.69
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis2	0.0209	0.058	3.155	39.69
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis2	0.0209	2.203E-06	39.5535	40.66
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis2	0.0209	2.203E-06	39.5535	40.66
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis2	0.0209	-0.058	71.2475	41.63
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis2	0.0444	0.1417	71.2019	41.63
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis2	0.0444	-3.849E-06	98.1914	42.6
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis2	0.0444	-3.849E-06	98.1914	42.6
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis2	0.0444	-0.1417	120.4764	43.57
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis2	0.0604	0.1984	120.4455	43.57

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis2	0.0604	-8.062E-06	138.026	44.54
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis2	0.0604	-8.062E-06	138.026	44.54
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis2	0.0604	-0.1984	150.902	45.51
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis2	0.0688	0.2283	150.8857	45.51
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis2	0.0688	-1.040E-05	159.0572	46.48
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis2	0.0688	-1.040E-05	159.0572	46.48
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis2	0.0688	-0.2283	162.5242	47.45
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis2	0.0697	0.2315	162.5225	47.45
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis2	0.0697	-1.085E-05	161.285	48.42
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis2	0.0697	-1.085E-05	161.285	48.42
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis2	0.0697	-0.2315	155.343	49.39
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis2	0.063	0.2079	155.3559	49.39
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis2	0.063	-9.440E-06	144.7094	50.36
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis2	0.063	-9.440E-06	144.7094	50.36
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis2	0.063	-0.2079	129.3584	51.33
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis2	0.0489	0.1575	129.3859	51.33
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis2	0.0489	-6.254E-06	109.3304	52.3
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis2	0.0489	-6.254E-06	109.3304	52.3
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis2	0.0489	-0.1575	84.5704	53.27
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis2	0.0272	0.0802	84.6125	53.27

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis2	0.0272	-1.520E-06	55.1481	54.24
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis2	0.0272	-1.520E-06	55.1481	54.24
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis2	0.0272	-0.0802	20.9791	55.21
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis2	-0.0023	-0.0247	21.0362	55.21
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis2	-0.0023	4.512E-06	-17.8373	56.18
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis2	-0.0023	4.512E-06	-17.8373	56.18
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis2	-0.0023	0.0247	-61.4152	57.15
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis2	-0.0296	-0.0862	-61.3817	57.15
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis2	-0.0296	7.299E-06	-63.25	58.0825
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis2	-0.0296	7.299E-06	-63.25	58.0825
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis2	-0.0296	0.0862	-65.1184	59.015
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis2	-0.0313	-0.0919	-65.1153	59.015
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis2	-0.0313	6.708E-06	-66.9836	59.9475
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis2	-0.0313	6.708E-06	-66.9836	59.9475
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis2	-0.0313	0.0919	-68.852	60.88
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis2	-0.0329	-0.0974	-68.849	60.88
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis2	-0.0329	6.881E-06	-70.7173	61.8125
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis2	-0.0329	6.881E-06	-70.7173	61.8125
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis2	-0.0329	0.0974	-72.5857	62.745
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis2	-0.0344	-0.1026	-72.5828	62.745

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis2	-0.0344	7.187E-06	-74.4511	63.6775
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis2	-0.0344	7.187E-06	-74.4511	63.6775
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis2	-0.0344	0.1026	-76.3195	64.61
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis2	-0.0359	-0.1078	-76.3167	64.61
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis2	-0.0359	7.533E-06	-78.185	65.5425
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis2	-0.0359	7.533E-06	-78.185	65.5425
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis2	-0.0359	0.1078	-80.0534	66.475
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis2	-0.0374	-0.113	-80.0505	66.475
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis2	-0.0374	7.893E-06	-81.9189	67.4075
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis2	-0.0374	7.893E-06	-81.9189	67.4075
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis2	-0.0374	0.113	-83.7872	68.34
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis2	-0.0389	-0.1181	-83.7844	68.34
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis2	-0.0389	8.266E-06	-85.6528	69.2725
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis2	-0.0389	8.266E-06	-85.6528	69.2725
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis2	-0.0389	0.1181	-87.5211	70.205
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis2	-0.0404	-0.1233	-87.5183	70.205
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis2	-0.0404	8.669E-06	-89.3867	71.1375
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis2	-0.0404	8.669E-06	-89.3867	71.1375
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis2	-0.0404	0.1233	-91.255	72.07
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis2	-0.0419	-0.1284	-91.2522	72.07

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis2	-0.0419	9.166E-06	-93.1206	73.0025
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis2	-0.0419	9.166E-06	-93.1206	73.0025
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis2	-0.0419	0.1284	-94.9889	73.935
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis2	-0.0434	-0.1334	-94.9862	73.935
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis2	-0.0434	9.961E-06	-96.8545	74.8675
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis2	-0.0434	9.961E-06	-96.8545	74.8675
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis2	-0.0434	0.1334	-98.7229	75.8
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis2	-0.0448	-0.1382	-98.7202	75.8
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis2	-0.0448	1.169E-05	-100.5886	76.7325
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis2	-0.0448	1.169E-05	-100.5886	76.7325
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis2	-0.0448	0.1382	-102.4569	77.665
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis2	-0.0461	-0.1426	-102.4545	77.665
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis2	-0.0461	1.475E-05	-104.3228	78.5975
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis2	-0.0461	1.475E-05	-104.3228	78.5975
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis2	-0.0461	0.1427	-106.1912	79.53
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis2	-0.0183	-0.0781	-106.2263	79.53
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis2	-0.0183	1.205E-05	-57.7092	80.45917
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis2	-0.0183	1.205E-05	-57.7092	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis2	-0.0183	0.0781	-13.5087	81.38833
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis2	0.0158	0.0381	-13.572	81.38833

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis2	0.0158	3.936E-06	26.3118	82.3175
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis2	0.0158	3.936E-06	26.3118	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis2	0.0158	-0.0381	61.8788	83.24667
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis2	0.0428	0.1301	61.8287	83.24667
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis2	0.0428	-2.666E-06	93.0789	84.17584
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis2	0.0428	-2.666E-06	93.0789	84.17584
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis2	0.0428	-0.1301	120.0123	85.105
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis2	0.0628	0.1982	119.9752	85.105
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis2	0.0628	-7.649E-06	142.5919	86.03417
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis2	0.0628	-7.649E-06	142.5919	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis2	0.0628	-0.1982	160.8919	86.96333
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis2	0.0758	0.2426	160.8677	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis2	0.0758	-1.098E-05	174.8509	87.8925
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis2	0.0758	-1.098E-05	174.8509	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis2	0.0758	-0.2426	184.5174	88.82167
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis2	0.0818	0.2632	184.5062	88.82167
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis2	0.0818	-1.264E-05	189.8559	89.75084
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis2	0.0818	-1.264E-05	189.8559	89.75084
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis2	0.0818	-0.2632	190.8889	90.68
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis2	0.0809	0.2601	190.8905	90.68

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis2	0.0809	-1.264E-05	187.6067	91.60917
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis2	0.0809	-1.264E-05	187.6067	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis2	0.0809	-0.2601	180.0062	92.53833
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis2	0.073	0.2333	180.0208	92.53833
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis2	0.073	-1.097E-05	168.1035	93.4675
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis2	0.073	-1.097E-05	168.1035	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis2	0.073	-0.2333	151.8695	94.39667
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis2	0.0582	0.1827	151.897	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis2	0.0582	-7.645E-06	131.3462	95.32584
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis2	0.0582	-7.645E-06	131.3462	95.32584
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis2	0.0582	-0.1827	106.4787	96.255
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis2	0.0364	0.1084	106.5191	96.255
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis2	0.0364	-2.692E-06	77.3349	97.18417
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis2	0.0364	-2.692E-06	77.3349	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis2	0.0364	-0.1084	43.8339	98.11333
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis2	0.0076	0.0103	43.8873	98.11333
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis2	0.0076	3.851E-06	6.0695	99.0425
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis2	0.0076	3.851E-06	6.0695	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis2	0.0076	-0.0103	-36.0651	99.97167
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis2	-0.0282	-0.112	-35.9985	99.97167

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis2	-0.0282	1.167E-05	-82.4498	100.90084
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis2	-0.0282	1.167E-05	-82.4498	100.90084
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis2	-0.0282	0.112	-133.2178	101.83
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis2	-0.0542	-0.1814	-133.1799	101.83
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis2	-0.0542	1.464E-05	-127.1385	102.8125
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis2	-0.0542	1.464E-05	-127.1385	102.8125
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis2	-0.0542	0.1815	-121.0972	103.795
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis2	-0.0496	-0.1648	-121.1062	103.795
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis2	-0.0496	1.213E-05	-115.0649	104.7775
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis2	-0.0496	1.213E-05	-115.0649	104.7775
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis2	-0.0496	0.1648	-109.0235	105.76
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis2	-0.0449	-0.1478	-109.0327	105.76
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis2	-0.0449	1.070E-05	-102.9914	106.7425
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis2	-0.0449	1.070E-05	-102.9914	106.7425
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis2	-0.0449	0.1478	-96.95	107.725
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis2	-0.0401	-0.1306	-96.9594	107.725
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis2	-0.0401	9.410E-06	-90.918	108.7075
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis2	-0.0401	9.410E-06	-90.918	108.7075
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis2	-0.0401	0.1306	-84.8766	109.69
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis2	-0.0353	-0.1133	-84.886	109.69

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis2	-0.0353	8.165E-06	-78.8447	110.6725
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis2	-0.0353	8.165E-06	-78.8447	110.6725
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis2	-0.0353	0.1133	-72.8033	111.655
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis2	-0.0305	-0.0959	-72.8127	111.655
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis2	-0.0305	6.946E-06	-66.7713	112.6375
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis2	-0.0305	6.946E-06	-66.7713	112.6375
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis2	-0.0305	0.0959	-60.73	113.62
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis2	-0.0257	-0.0786	-60.7394	113.62
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis2	-0.0257	5.782E-06	-54.6981	114.6025
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis2	-0.0257	5.782E-06	-54.6981	114.6025
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis2	-0.0257	0.0786	-48.6567	115.585
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis2	-0.0209	-0.0611	-48.6662	115.585
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis2	-0.0209	4.795E-06	-42.6248	116.5675
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis2	-0.0209	4.795E-06	-42.6248	116.5675
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis2	-0.0209	0.0611	-36.5834	117.55
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis2	-0.016	-0.0436	-36.593	117.55
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis2	-0.016	4.389E-06	-30.5516	118.5325
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis2	-0.016	4.389E-06	-30.5516	118.5325
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis2	-0.016	0.0436	-24.5102	119.515
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis2	-0.0111	-0.0258	-24.5199	119.515

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis2	-0.0111	5.156E-06	-18.4785	120.4975
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis2	-0.0111	5.156E-06	-18.4785	120.4975
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis2	-0.0111	0.0258	-12.4371	121.48
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis2	0.0116	0.0309	-12.468	121.48
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis2	0.0116	2.978E-06	20.9213	122.48
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis2	0.0116	2.978E-06	20.9213	122.48
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis2	0.0116	-0.0309	49.3107	123.48
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis2	0.0324	0.1073	49.2691	123.48
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis2	0.0324	-1.858E-06	72.6584	124.48
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis2	0.0324	-1.858E-06	72.6584	124.48
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis2	0.0324	-0.1073	91.0478	125.48
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis2	0.045	0.1538	91.0224	125.48
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis2	0.045	-5.247E-06	104.4118	126.48
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis2	0.045	-5.247E-06	104.4118	126.48
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis2	0.045	-0.1538	112.8012	127.48
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis2	0.0498	0.1711	112.7917	127.48
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis2	0.0498	-6.649E-06	116.1811	128.48
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis2	0.0498	-6.649E-06	116.1811	128.48
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis2	0.0498	-0.1711	114.5705	129.48
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis2	0.0031	-9.843E-09	114.6638	129.48

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis2	0.0031	-7.893E-09	108.0531	130.48
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis2	0.0031	-7.893E-09	108.0531	130.48
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis2	0.0031	-5.942E-09	96.4425	131.48
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis2	0.0353	0.118	96.3782	131.48
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis2	0.0353	-3.941E-06	79.7676	132.48
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis2	0.0353	-3.941E-06	79.7676	132.48
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis2	0.0353	-0.118	58.157	133.48
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis2	0.0031	-2.041E-09	58.2213	133.48
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis2	0.0031	-9.047E-11	31.6106	134.48
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis2	0.0031	-9.066E-11	31.6106	134.48
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis2	0.0031	1.860E-09	-1.438E-08	135.48
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis3	-0.0033	1.024E-08	1.090E-08	0.
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis3	-0.0033	1.055E-08	-7.1973	0.93056
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis3	-0.0033	1.055E-08	-7.1973	0.93056
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis3	-0.0033	1.087E-08	-14.3945	1.86111
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis3	-0.012	-0.0297	-14.3783	1.86111
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis3	-0.012	1.898E-06	-21.5756	2.79167
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis3	-0.012	1.898E-06	-21.5756	2.79167
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis3	-0.012	0.0297	-28.7728	3.72222
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis3	-0.0178	-0.0495	-28.762	3.72222

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis3	-0.0178	3.303E-06	-35.9593	4.65278
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis3	-0.0178	3.303E-06	-35.9593	4.65278
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis3	-0.0178	0.0495	-43.1565	5.58333
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis3	-0.0236	-0.0693	-43.1458	5.58333
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis3	-0.0236	4.715E-06	-50.343	6.51389
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis3	-0.0236	4.715E-06	-50.343	6.51389
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis3	-0.0236	0.0693	-57.5403	7.44444
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis3	-0.0294	-0.0891	-57.5295	7.44444
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis3	-0.0294	6.157E-06	-64.7268	8.375
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis3	-0.0294	6.157E-06	-64.7268	8.375
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis3	-0.0294	0.0891	-71.9241	9.30556
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis3	-0.0351	-0.1089	-71.9133	9.30556
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis3	-0.0351	7.702E-06	-79.1106	10.23612
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis3	-0.0351	7.702E-06	-79.1106	10.23612
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis3	-0.0351	0.1089	-86.3078	11.16667
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis3	-0.0409	-0.1285	-86.2971	11.16667
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis3	-0.0409	9.573E-06	-93.4944	12.09723
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis3	-0.0409	9.573E-06	-93.4944	12.09723
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis3	-0.0409	0.1285	-100.6916	13.02778
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis3	-0.0466	-0.1479	-100.681	13.02778

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis3	-0.0466	1.246E-05	-107.8783	13.95834
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis3	-0.0466	1.246E-05	-107.8783	13.95834
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis3	-0.0466	0.1479	-115.0756	14.88889
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis3	-0.0522	-0.1669	-115.0652	14.88889
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis3	-0.0522	1.677E-05	-122.2624	15.81945
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis3	-0.0522	1.677E-05	-122.2624	15.81945
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis3	-0.0522	0.167	-129.4597	16.75
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis3	-0.0273	-0.1105	-129.4904	16.75
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis3	-0.0273	1.442E-05	-79.4681	17.70455
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis3	-0.0273	1.442E-05	-79.4681	17.70455
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis3	-0.0273	0.1105	-34.0016	18.65909
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis3	0.0075	0.0115	-34.068	18.65909
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis3	0.0075	5.745E-06	6.8428	19.61364
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis3	0.0075	5.745E-06	6.8428	19.61364
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis3	0.0075	-0.0115	43.1978	20.56818
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis3	0.0349	0.1074	43.1455	20.56818
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis3	0.0349	-1.187E-06	74.9448	21.52273
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis3	0.0349	-1.187E-06	74.9448	21.52273
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis3	0.0349	-0.1074	102.1882	22.47727
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis3	0.0549	0.1775	102.15	22.47727

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis3	0.0549	-6.346E-06	124.8377	23.43182
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis3	0.0549	-6.346E-06	124.8377	23.43182
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis3	0.0549	-0.1775	142.9696	24.38636
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis3	0.0676	0.222	142.9453	24.38636
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis3	0.0676	-9.705E-06	156.5214	25.34091
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis3	0.0676	-9.705E-06	156.5214	25.34091
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis3	0.0676	-0.222	165.5418	26.29545
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis3	0.073	0.2409	165.5314	26.29545
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis3	0.073	-1.126E-05	169.996	27.25
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis3	0.073	-1.126E-05	169.996	27.25
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis3	0.073	-0.2409	169.9048	28.20455
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis3	0.0711	0.2343	169.9084	28.20455
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis3	0.0711	-1.101E-05	165.2613	29.1591
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis3	0.0711	-1.101E-05	165.2613	29.1591
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis3	0.0711	-0.2343	156.0585	30.11364
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis3	0.0619	0.202	156.0761	30.11364
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis3	0.0619	-8.991E-06	142.3175	31.06819
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis3	0.0619	-8.991E-06	142.3175	31.06819
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis3	0.0619	-0.202	124.0031	32.02273
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis3	0.0454	0.1441	124.0346	32.02273

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis3	0.0454	-5.256E-06	101.1644	32.97728
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis3	0.0454	-5.256E-06	101.1644	32.97728
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis3	0.0454	-0.1441	73.7385	33.93182
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis3	0.0215	0.0605	73.784	33.93182
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis3	0.0215	1.202E-08	41.8023	34.88637
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis3	0.0215	1.202E-08	41.8023	34.88637
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis3	0.0215	-0.0605	5.2648	35.84091
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis3	-0.0098	-0.0493	5.3247	35.84091
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis3	-0.0098	6.542E-06	-35.7686	36.79546
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis3	-0.0098	6.542E-06	-35.7686	36.79546
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis3	-0.0098	0.0493	-81.4177	37.75
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis3	-0.0383	-0.1173	-81.3806	37.75
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis3	-0.0383	9.606E-06	-83.2126	38.72
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis3	-0.0383	9.606E-06	-83.2126	38.72
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis3	-0.0383	0.1174	-85.0446	39.69
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis3	-0.04	-0.1231	-85.0414	39.69
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis3	-0.04	8.967E-06	-86.8735	40.66
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis3	-0.04	8.967E-06	-86.8735	40.66
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis3	-0.04	0.1232	-88.7055	41.63
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis3	-0.0415	-0.1287	-88.7025	41.63

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis3	-0.0415	9.164E-06	-90.5345	42.6
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis3	-0.0415	9.164E-06	-90.5345	42.6
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis3	-0.0415	0.1287	-92.3665	43.57
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis3	-0.043	-0.134	-92.3636	43.57
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis3	-0.043	9.488E-06	-94.1956	44.54
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis3	-0.043	9.488E-06	-94.1956	44.54
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis3	-0.043	0.134	-96.0276	45.51
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis3	-0.0445	-0.1392	-96.0248	45.51
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis3	-0.0445	9.855E-06	-97.8568	46.48
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis3	-0.0445	9.855E-06	-97.8568	46.48
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis3	-0.0445	0.1392	-99.6888	47.45
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis3	-0.046	-0.1444	-99.6859	47.45
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis3	-0.046	1.026E-05	-101.518	48.42
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis3	-0.046	1.026E-05	-101.518	48.42
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis3	-0.046	0.1444	-103.35	49.39
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis3	-0.0474	-0.1496	-103.3472	49.39
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis3	-0.0474	1.075E-05	-105.1792	50.36
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis3	-0.0474	1.075E-05	-105.1792	50.36
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis3	-0.0474	0.1496	-107.0112	51.33
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis3	-0.0488	-0.1547	-107.0084	51.33

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis3	-0.0488	1.153E-05	-108.8404	52.3
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis3	-0.0488	1.153E-05	-108.8404	52.3
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis3	-0.0488	0.1547	-110.6725	53.27
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis3	-0.0502	-0.1595	-110.6698	53.27
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis3	-0.0502	1.323E-05	-112.5018	54.24
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis3	-0.0502	1.323E-05	-112.5018	54.24
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis3	-0.0502	0.1596	-114.3338	55.21
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis3	-0.0515	-0.1641	-114.3314	55.21
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis3	-0.0515	1.628E-05	-116.1634	56.18
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis3	-0.0515	1.628E-05	-116.1634	56.18
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis3	-0.0515	0.1641	-117.9954	57.15
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis3	-0.0219	-0.0922	-118.0345	57.15
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis3	-0.0219	1.319E-05	-67.8367	58.0825
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis3	-0.0219	1.319E-05	-67.8367	58.0825
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis3	-0.0219	0.0922	-21.9866	59.015
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis3	0.0134	0.0288	-22.0525	59.015
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis3	0.0134	4.656E-06	19.4498	59.9475
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis3	0.0134	4.656E-06	19.4498	59.9475
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis3	0.0134	-0.0288	56.6044	60.88
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis3	0.0417	0.1253	56.5518	60.88

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis3	0.0417	-2.285E-06	89.3585	61.8125
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis3	0.0417	-2.285E-06	89.3585	61.8125
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis3	0.0417	-0.1253	117.8175	62.745
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis3	0.0628	0.1978	117.778	62.745
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis3	0.0628	-7.581E-06	141.8892	63.6775
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis3	0.0628	-7.581E-06	141.8892	63.6775
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis3	0.0628	-0.1978	161.6527	64.61
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis3	0.077	0.2463	161.6262	64.61
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis3	0.077	-1.120E-05	177.0419	65.5425
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis3	0.077	-1.120E-05	177.0419	65.5425
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis3	0.077	-0.2463	188.1098	66.475
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis3	0.0842	0.2708	188.0964	66.475
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis3	0.0842	-1.314E-05	194.8165	67.4075
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis3	0.0842	-1.314E-05	194.8165	67.4075
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis3	0.0842	-0.2708	197.1888	68.34
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis3	0.0843	0.2713	197.1885	68.34
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis3	0.0843	-1.339E-05	195.213	69.2725
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis3	0.0843	-1.339E-05	195.213	69.2725
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis3	0.0843	-0.2714	188.8898	70.205
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis3	0.0775	0.2479	188.9025	70.205

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis3	0.0775	-1.196E-05	178.2315	71.1375
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis3	0.0775	-1.196E-05	178.2315	71.1375
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis3	0.0775	-0.2479	163.2127	72.07
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis3	0.0636	0.2005	163.2385	72.07
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis3	0.0636	-8.870E-06	143.872	73.0025
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis3	0.0636	-8.870E-06	143.872	73.0025
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis3	0.0636	-0.2005	120.1576	73.935
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis3	0.0428	0.1291	120.1965	73.935
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis3	0.0428	-4.156E-06	92.1344	74.8675
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis3	0.0428	-4.156E-06	92.1344	74.8675
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis3	0.0428	-0.1291	59.7245	75.8
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis3	0.0149	0.0337	59.7764	75.8
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis3	0.0149	2.084E-06	23.0188	76.7325
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis3	0.0149	2.084E-06	23.0188	76.7325
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis3	0.0149	-0.0337	-18.0867	77.665
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis3	-0.0202	-0.0863	-18.0214	77.665
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis3	-0.0202	9.555E-06	-63.4746	78.5975
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis3	-0.0202	9.555E-06	-63.4746	78.5975
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis3	-0.0202	0.0863	-113.2756	79.53
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis3	-0.0487	-0.151	-113.2403	79.53

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis3	-0.0487	1.235E-05	-110.7826	80.45917
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis3	-0.0487	1.235E-05	-110.7826	80.45917
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis3	-0.0487	0.1511	-108.3249	81.38833
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis3	-0.0469	-0.145	-108.3281	81.38833
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis3	-0.0469	1.062E-05	-105.8704	82.3175
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis3	-0.0469	1.062E-05	-105.8704	82.3175
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis3	-0.0469	0.145	-103.4126	83.24667
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis3	-0.0451	-0.1386	-103.4161	83.24667
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis3	-0.0451	9.916E-06	-100.9583	84.17584
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis3	-0.0451	9.916E-06	-100.9583	84.17584
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis3	-0.0451	0.1386	-98.5006	85.105
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis3	-0.0431	-0.132	-98.5042	85.105
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis3	-0.0431	9.371E-06	-96.0464	86.03417
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis3	-0.0431	9.371E-06	-96.0464	86.03417
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis3	-0.0431	0.132	-93.5887	86.96333
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis3	-0.0411	-0.1253	-93.5923	86.96333
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis3	-0.0411	8.875E-06	-91.1346	87.8925
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis3	-0.0411	8.875E-06	-91.1346	87.8925
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis3	-0.0411	0.1253	-88.6768	88.82167
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis3	-0.0392	-0.1186	-88.6805	88.82167

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis3	-0.0392	8.395E-06	-86.2227	89.75084
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis3	-0.0392	8.395E-06	-86.2227	89.75084
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis3	-0.0392	0.1186	-83.765	90.68
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis3	-0.0372	-0.1118	-83.7686	90.68
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis3	-0.0372	7.927E-06	-81.3109	91.60917
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis3	-0.0372	7.927E-06	-81.3109	91.60917
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis3	-0.0372	0.1118	-78.8531	92.53833
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis3	-0.0352	-0.105	-78.8568	92.53833
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis3	-0.0352	7.485E-06	-76.3991	93.4675
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis3	-0.0352	7.485E-06	-76.3991	93.4675
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis3	-0.0352	0.1051	-73.9413	94.39667
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis3	-0.0332	-0.0983	-73.945	94.39667
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis3	-0.0332	7.121E-06	-71.4872	95.32584
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis3	-0.0332	7.121E-06	-71.4872	95.32584
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis3	-0.0332	0.0983	-69.0295	96.255
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis3	-0.0312	-0.0914	-69.0332	96.255
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis3	-0.0312	7.002E-06	-66.5755	97.18417
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis3	-0.0312	7.002E-06	-66.5755	97.18417
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis3	-0.0312	0.0914	-64.1177	98.11333
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis3	-0.0291	-0.0843	-64.1215	98.11333

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis3	-0.0291	7.649E-06	-61.6638	99.0425
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis3	-0.0291	7.649E-06	-61.6638	99.0425
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis3	-0.0291	0.0843	-59.206	99.97167
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis3	-0.027	-0.077	-59.21	99.97167
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis3	-0.027	9.587E-06	-56.7522	100.90084
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis3	-0.027	9.587E-06	-56.7522	100.90084
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis3	-0.027	0.0771	-54.2945	101.83
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis3	-6.539E-04	-0.0165	-54.3275	101.83
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis3	-6.539E-04	6.917E-06	-11.9357	102.8125
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis3	-6.539E-04	6.917E-06	-11.9357	102.8125
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis3	-6.539E-04	0.0165	25.6295	103.795
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis3	0.0276	0.0854	25.574	103.795
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis3	0.0276	6.133E-08	58.3127	104.7775
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis3	0.0276	6.133E-08	58.3127	104.7775
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis3	0.0276	-0.0854	86.2249	105.76
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis3	0.048	0.1589	86.1849	105.76
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis3	0.048	-5.257E-06	109.2705	106.7425
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis3	0.048	-5.257E-06	109.2705	106.7425
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis3	0.048	-0.1589	127.5297	107.725
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis3	0.0606	0.2044	127.5048	107.725

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis3	0.0606	-8.678E-06	140.9374	108.7075
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis3	0.0606	-8.678E-06	140.9374	108.7075
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis3	0.0606	-0.2044	149.5435	109.69
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis3	0.0656	0.2222	149.5338	109.69
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis3	0.0656	-1.015E-05	153.3133	110.6725
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis3	0.0656	-1.015E-05	153.3133	110.6725
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis3	0.0656	-0.2222	152.2664	111.655
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis3	0.0628	0.2123	152.2718	111.655
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis3	0.0628	-9.658E-06	146.3983	112.6375
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis3	0.0628	-9.658E-06	146.3983	112.6375
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis3	0.0628	-0.2123	135.6982	113.62
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis3	0.0524	0.1746	135.7187	113.62
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis3	0.0524	-7.215E-06	120.1921	114.6025
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis3	0.0524	-7.215E-06	120.1921	114.6025
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis3	0.0524	-0.1746	99.8391	115.585
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis3	0.0342	0.1092	99.8747	115.585
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis3	0.0342	-2.854E-06	74.695	116.5675
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis3	0.0342	-2.854E-06	74.695	116.5675
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis3	0.0342	-0.1092	44.6889	117.55
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis3	0.0084	0.016	44.7397	117.55

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis3	0.0084	3.340E-06	9.907	118.5325
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis3	0.0084	3.340E-06	9.907	118.5325
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis3	0.0084	-0.016	-29.7522	119.515
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis3	-0.0254	-0.1056	-29.686	119.515
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis3	-0.0254	1.105E-05	-74.1717	120.4975
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis3	-0.0254	1.105E-05	-74.1717	120.4975
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis3	-0.0254	0.1056	-123.484	121.48
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis3	-0.048	-0.1657	-123.4512	121.48
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis3	-0.048	1.352E-05	-114.6268	122.48
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis3	-0.048	1.352E-05	-114.6268	122.48
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis3	-0.048	0.1657	-105.8024	123.48
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis3	-0.0412	-0.1407	-105.8161	123.48
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis3	-0.0412	1.050E-05	-96.9917	124.48
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis3	-0.0412	1.050E-05	-96.9917	124.48
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis3	-0.0412	0.1407	-88.1673	125.48
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis3	-0.0343	-0.1153	-88.1811	125.48
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis3	-0.0343	8.480E-06	-79.3567	126.48
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis3	-0.0343	8.480E-06	-79.3567	126.48
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis3	-0.0343	0.1154	-70.5323	127.48
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis3	-0.0273	-0.0899	-70.5462	127.48

Table 34: Bridge Object Forces, Part 2 of 3								
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	T KN-m	M2 KN-m	M3 KN-m	GlobalX m
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis3	-0.0273	6.579E-06	-61.7218	128.48
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis3	-0.0273	6.579E-06	-61.7218	128.48
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis3	-0.0273	0.0899	-52.8974	129.48
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis3	-0.0028	1.919E-09	-52.9464	129.48
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis3	-0.0028	1.446E-09	-44.122	130.48
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis3	-0.0028	1.446E-09	-44.122	130.48
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis3	-0.0028	9.723E-10	-35.2976	131.48
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis3	-0.0133	-0.0386	-35.2765	131.48
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis3	-0.0133	2.866E-06	-26.4522	132.48
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis3	-0.0133	2.866E-06	-26.4522	132.48
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis3	-0.0133	0.0386	-17.6278	133.48
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis3	-0.0028	2.520E-11	-17.6488	133.48
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis3	-0.0028	-4.484E-10	-8.8244	134.48
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis3	-0.0028	-4.484E-10	-8.8244	134.48
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis3	-0.0028	-9.220E-10	7.870E-09	135.48

Table 34: Bridge Object Forces, Part 3 of 3

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	1	0.	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	DEAD	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	5	1.86111	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	7	2.79167	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	8	3.72222	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	12	5.58333	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	16	7.44444	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	21	9.30556	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	28	13.02778	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	32	14.88889	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	DEAD	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	35	15.81945	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	36	16.75	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	37	16.75	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	48	22.47727	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	51	23.43182	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	52	24.38636	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	56	26.29545	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	DEAD	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	65	30.11364	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	67	31.06819	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	68	32.02273	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	72	33.93182	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	76	35.84091	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	81	37.75	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	88	41.63	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	92	43.57	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	DEAD	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	95	44.54	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	96	45.51	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	97	45.51	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	108	51.33	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	111	52.3	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	112	53.27	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	116	55.21	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	DEAD	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	125	59.015	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	127	59.9475	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	128	60.88	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	132	62.745	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	136	64.61	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	141	66.475	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	148	70.205	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	152	72.07	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	DEAD	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	155	73.0025	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	156	73.935	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	157	73.935	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	168	79.53	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	171	80.45917	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	172	81.38833	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	176	83.24667	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	DEAD	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	185	86.96333	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	187	87.8925	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	188	88.82167	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	192	90.68	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	196	92.53833	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	201	94.39667	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	208	98.11333	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	212	99.97167	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	DEAD	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	215	100.90084	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	216	101.83	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	217	101.83	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	228	107.725	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	231	108.7075	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	232	109.69	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	236	111.655	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	DEAD	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	245	115.585	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	247	116.5675	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	248	117.55	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	252	119.515	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	256	121.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	261	123.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	268	127.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	272	129.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	DEAD	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	275	130.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	276	131.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	277	131.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	DEAD	-1.110E-15	-0.30254
Tk-ObjetoPu ente	1	0.	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	5	1.86111	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	7	2.79167	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Barandilla	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	21	9.30556	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	35	15.81945	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	36	16.75	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	37	16.75	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	51	23.43182	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	65	30.11364	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	67	31.06819	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	81	37.75	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	88	41.63	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	92	43.57	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	95	44.54	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	96	45.51	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	97	45.51	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	108	51.33	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	111	52.3	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	112	53.27	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	116	55.21	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	125	59.015	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	127	59.9475	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	128	60.88	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	132	62.745	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	136	64.61	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	141	66.475	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	148	70.205	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	152	72.07	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	155	73.0025	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	156	73.935	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	157	73.935	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	168	79.53	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	171	80.45917	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	185	86.96333	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	187	87.8925	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	192	90.68	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Barandilla	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	201	94.39667	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	215	100.90084	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	216	101.83	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	217	101.83	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	228	107.725	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Barandilla	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	231	108.7075	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	232	109.69	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	236	111.655	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	245	115.585	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	247	116.5675	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	248	117.55	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	252	119.515	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	256	121.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	Tk-Barandilla	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	261	123.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	268	127.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	272	129.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	275	130.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	276	131.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	277	131.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	Tk-Barandilla	-1.110E-15	-0.30254
Tk-ObjetoPu ente	1	0.	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	5	1.86111	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	Tk-Tarima	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	7	2.79167	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	8	3.72222	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	12	5.58333	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	16	7.44444	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	21	9.30556	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	28	13.02778	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	32	14.88889	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	35	15.81945	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	36	16.75	Before	Tk-Tarima	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	37	16.75	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	48	22.47727	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	51	23.43182	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	52	24.38636	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	56	26.29545	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	65	30.11364	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	67	31.06819	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	68	32.02273	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	72	33.93182	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	76	35.84091	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	81	37.75	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	88	41.63	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	92	43.57	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	95	44.54	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	96	45.51	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	97	45.51	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	108	51.33	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	111	52.3	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	112	53.27	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	116	55.21	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	125	59.015	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	Tk-Tarima	-1.110E-15	-0.30254

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Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	127	59.9475	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	128	60.88	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	132	62.745	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	136	64.61	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	141	66.475	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	148	70.205	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	152	72.07	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	155	73.0025	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	156	73.935	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	157	73.935	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	168	79.53	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	171	80.45917	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	172	81.38833	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	176	83.24667	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	185	86.96333	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	187	87.8925	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	188	88.82167	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	192	90.68	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	196	92.53833	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	201	94.39667	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	208	98.11333	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	212	99.97167	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	215	100.90084	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	216	101.83	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	217	101.83	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	228	107.725	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	231	108.7075	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	232	109.69	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	236	111.655	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	245	115.585	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	247	116.5675	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	248	117.55	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	252	119.515	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	256	121.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	261	123.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	268	127.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	272	129.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	275	130.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	276	131.48	Before	Tk-Tarima	-1.110E-15	-0.30254

9. Bridge object forces

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	277	131.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	Tk-Tarima	-1.110E-15	-0.30254
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis1	-1.110E-15	-0.30254
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis2	-1.110E-15	-0.30254
Tk-ObjetoPu ente	1	0.	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	2	0.93056	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	3	0.93056	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	4	1.86111	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	5	1.86111	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	6	2.79167	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	7	2.79167	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	8	3.72222	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	9	3.72222	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	10	4.65278	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	11	4.65278	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	12	5.58333	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	13	5.58333	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	14	6.51389	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	15	6.51389	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	16	7.44444	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	17	7.44444	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	18	8.375	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	19	8.375	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	20	9.30556	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	21	9.30556	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	22	10.23612	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	23	10.23612	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	24	11.16667	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	25	11.16667	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	26	12.09723	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	27	12.09723	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	28	13.02778	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	29	13.02778	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	30	13.95834	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	31	13.95834	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	32	14.88889	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	33	14.88889	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	34	15.81945	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	35	15.81945	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	36	16.75	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	37	16.75	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	38	17.70455	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	39	17.70455	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	40	18.65909	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	41	18.65909	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	42	19.61364	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	43	19.61364	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	44	20.56818	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	45	20.56818	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	46	21.52273	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	47	21.52273	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	48	22.47727	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	49	22.47727	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	50	23.43182	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	51	23.43182	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	52	24.38636	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	53	24.38636	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	54	25.34091	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	55	25.34091	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	56	26.29545	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	57	26.29545	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	58	27.25	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	59	27.25	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	60	28.20455	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	61	28.20455	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	62	29.1591	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	63	29.1591	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	64	30.11364	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	65	30.11364	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	66	31.06819	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	67	31.06819	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	68	32.02273	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	69	32.02273	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	70	32.97728	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	71	32.97728	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	72	33.93182	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	73	33.93182	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	74	34.88637	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	75	34.88637	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	76	35.84091	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	77	35.84091	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	78	36.79546	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	79	36.79546	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	80	37.75	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	81	37.75	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	82	38.72	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	83	38.72	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	84	39.69	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	85	39.69	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	86	40.66	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	87	40.66	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	88	41.63	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	89	41.63	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	90	42.6	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	91	42.6	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	92	43.57	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	93	43.57	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	94	44.54	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	95	44.54	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	96	45.51	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	97	45.51	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	98	46.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	99	46.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	100	47.45	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	101	47.45	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	102	48.42	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	103	48.42	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	104	49.39	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	105	49.39	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	106	50.36	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	107	50.36	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	108	51.33	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	109	51.33	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	110	52.3	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	111	52.3	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	112	53.27	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	113	53.27	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	114	54.24	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	115	54.24	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	116	55.21	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	117	55.21	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	118	56.18	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	119	56.18	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	120	57.15	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	121	57.15	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	122	58.0825	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	123	58.0825	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	124	59.015	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	125	59.015	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	126	59.9475	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	127	59.9475	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	128	60.88	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	129	60.88	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	130	61.8125	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	131	61.8125	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	132	62.745	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	133	62.745	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	134	63.6775	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	135	63.6775	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	136	64.61	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	137	64.61	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	138	65.5425	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	139	65.5425	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	140	66.475	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	141	66.475	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	142	67.4075	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	143	67.4075	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	144	68.34	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	145	68.34	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	146	69.2725	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	147	69.2725	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	148	70.205	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	149	70.205	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	150	71.1375	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	151	71.1375	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	152	72.07	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	153	72.07	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	154	73.0025	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	155	73.0025	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	156	73.935	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	157	73.935	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	158	74.8675	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	159	74.8675	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	160	75.8	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	161	75.8	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	162	76.7325	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	163	76.7325	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	164	77.665	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	165	77.665	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	166	78.5975	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	167	78.5975	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	168	79.53	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	169	79.53	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	170	80.45917	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	171	80.45917	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	172	81.38833	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	173	81.38833	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	174	82.3175	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	175	82.3175	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	176	83.24667	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	177	83.24667	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	178	84.17584	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	179	84.17584	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	180	85.105	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	181	85.105	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	182	86.03417	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	183	86.03417	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	184	86.96333	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	185	86.96333	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	186	87.8925	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	187	87.8925	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	188	88.82167	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	189	88.82167	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	190	89.75084	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	191	89.75084	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	192	90.68	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	193	90.68	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	194	91.60917	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	195	91.60917	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	196	92.53833	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	197	92.53833	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	198	93.4675	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	199	93.4675	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	200	94.39667	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	201	94.39667	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	202	95.32584	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	203	95.32584	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	204	96.255	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	205	96.255	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	206	97.18417	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	207	97.18417	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	208	98.11333	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	209	98.11333	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	210	99.0425	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	211	99.0425	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	212	99.97167	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	213	99.97167	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	214	100.90084	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	215	100.90084	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	216	101.83	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	217	101.83	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	218	102.8125	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	219	102.8125	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	220	103.795	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	221	103.795	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	222	104.7775	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	223	104.7775	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	224	105.76	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	225	105.76	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	226	106.7425	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	227	106.7425	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	228	107.725	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	229	107.725	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	230	108.7075	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	231	108.7075	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	232	109.69	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	233	109.69	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	234	110.6725	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	235	110.6725	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	236	111.655	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	237	111.655	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	238	112.6375	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	239	112.6375	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	240	113.62	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	241	113.62	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	242	114.6025	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	243	114.6025	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	244	115.585	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	245	115.585	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	246	116.5675	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	247	116.5675	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	248	117.55	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	249	117.55	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	250	118.5325	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	251	118.5325	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	252	119.515	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	253	119.515	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	254	120.4975	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	255	120.4975	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	256	121.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	257	121.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	258	122.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	259	122.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	260	123.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	261	123.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	262	124.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	263	124.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	264	125.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	265	125.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	266	126.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	267	126.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

Table 34: Bridge Object Forces, Part 3 of 3						
BridgeObj	BridgeCut	Distance m	LocType	OutputCase	GlobalY m	GlobalZ m
Tk-ObjetoPu ente	268	127.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	269	127.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	270	128.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	271	128.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	272	129.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	273	129.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	274	130.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	275	130.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	276	131.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	277	131.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	278	132.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	279	132.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	280	133.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	281	133.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	282	134.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	283	134.48	After	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254
Tk-ObjetoPu ente	284	135.48	Before	CargaPrueba CargaHipote sis3	-1.110E-15	-0.30254

10. Material take-off

This section provides a material take-off.

Table 35: Material List 2 - By Section Property

Table 35: Material List 2 - By Section Property				
Section	ObjectType	NumPieces	TotalLength m	TotalWeight KN
Tk-Viga0.8	Frame	284	270.96	377.087
Tk-L15X3	Frame	95	181.06197	1.153
Tk-TTransversal Celosia	Frame	64	64.	7.212
ASEC1	Area			104.283
BFIXSS-1	Link	16		0.
LIN1	Link	4		0.
Tk-ApoyoEstribo FijoLong-1	Link	1		0.
Tk-ApoyoEstribo FijoTrans-1	Link	2		0.
LIN2	Link	2		0.
LIN3	Link	2		0.
LIN4	Link	2		0.
LIN5	Link	2		0.
LIN6	Link	2		0.
LIN7	Link	2		0.
Tk-ApoyoPila-1	Link	1		0.
Tk-ApoyoPila-2	Link	12		0.

ANEXO 2. COMPROBACIONES SECCIONALES

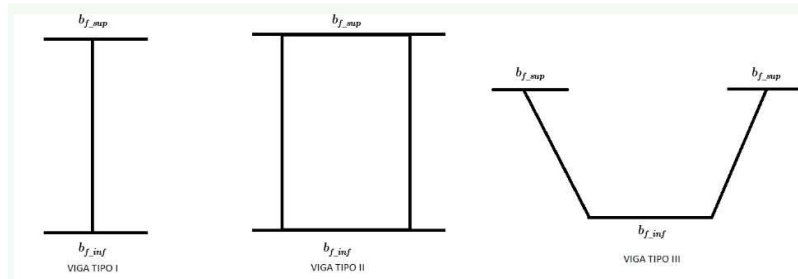
Teknés Innovación

Nombre del proyecto: $EID_{Proyecto} := \text{"Proyecto: PR-0336"}$
 Estructura: $ID_{Estructura} := \text{"Viga metálica: Flexion y Cortante"}$
 Cálculo: $ID_{Cálculo} := 00$

A. DATOS DE PARTIDA

GEOMETRIA DE LA SECCIÓN:

Tipo de viga a estudiar: $TipoViga := \text{Viga Tipo I}$

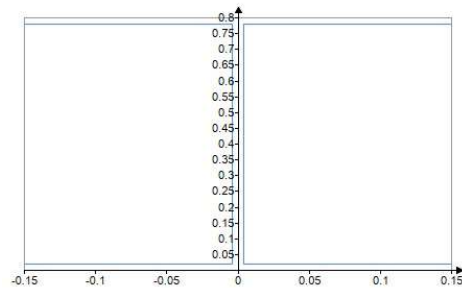


Datos de la sección: $b_{f_inf} := 300 \text{ mm}$, $t_w := 8 \text{ mm}$, $b_{f_sup} := 300 \text{ mm}$
 $t_{f_inf} := 20 \text{ mm}$, $b_w := 760 \text{ mm}$, $t_{f_sup} := 20 \text{ mm}$

Altura de la sección: $H_{Viga} := t_{f_inf} + b_w + t_{f_sup}$, $H_{Viga} = 0.8 \text{ m}$

Definición de la sección: $Sec_perfil(b_{f_inf}, t_{f_inf}, t_w, b_w, b_{f_sup}, t_{f_sup}) := \begin{bmatrix} -b_{f_inf} \cdot 0.5 & 0 \\ \vdots \end{bmatrix}$

Sección de estudio



Arrostramientos transversales cada 2 metros.

Teknés Innovación

RIGIDIZADOR:

Espesor rigidizador: $t_r := 8 \text{ mm}$
 Reducción de rigidizador laterales: $red := 5 \text{ cm}$
 Separación entre rigidizadores: $a := 2.5 \text{ m}$
 Existencia de rigidizadores: $Elemento := \text{Rigidizadores en apoyos e intermedios}$
 Extremo del panel: $Extremo := \text{rígido}$

ACERO:

Tipo de acero: $Acero := \text{S}_355$
 Modulo Elasticidad: $E_s := 210 \text{ GPa}$
 Coeficiente de minoración del material: $\gamma_s := 1.1$
 Límite elástico: $f_{yk}(Acero, b)$
 Resistencia de cálculo: $f_{yd}(Acero, b, \gamma_s)$

SOLICITACIONES:

Esfuerzo flector (positivos): $M_{d_positivo_Viga1} := 383.99 \text{ kN} \cdot \text{m}$
 $M_{d_positivo_Viga2} := 366.76 \text{ kN} \cdot \text{m}$
 $M_{d_positivo} := \max(M_{d_positivo_Viga1}, M_{d_positivo_Viga2})$, $M_{d_positivo} = 383.99 \text{ kN} \cdot \text{m}$
 Esfuerzo flector (negativos): $M_{d_negativo_Viga1} := 603.28 \text{ kN} \cdot \text{m}$
 $M_{d_negativo_Viga2} := 561.405 \text{ kN} \cdot \text{m}$
 $M_{d_negativo} := \max(M_{d_negativo_Viga1}, M_{d_negativo_Viga2})$, $M_{d_negativo} = 603.28 \text{ kN} \cdot \text{m}$
 Esfuerzo cortante: $V_{d_Viga1} := 152.55 \text{ kN}$
 $V_{d_Viga2} := 139.72 \text{ kN}$
 $V_d := \max(V_{d_Viga1}, V_{d_Viga2})$, $V_d = 152.55 \text{ kN}$

B. ESTUDIO DE LA SECCIÓN A FLEXIÓN

Categorización de la sección:

Estudio del alma: $Chapas_no_confinadas = \text{"Clase 1"}$

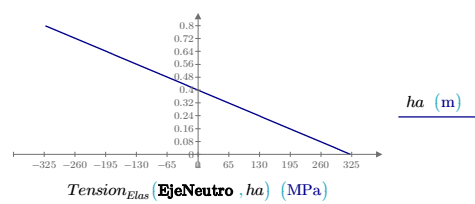
Estudio del ala a compresión: $Clase_chapa_confinada = \text{"Clase 3"}$

La sección es de clase 3. Se va a realizar un estudio elástico.

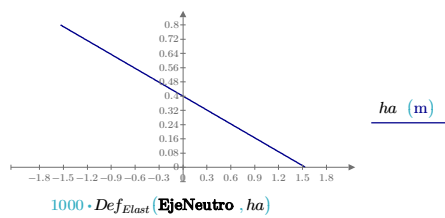
Profundidad del eje neutro: $Profundidad_{FibraNeutra} := H_{Viga} - EjeNeutro$

$Profundidad_{FibraNeutra} = 400 \text{ mm}$

Estado tensional de la sección: $Tension(x, ha)$



Plano de deformación en equilibrio: $Def_{Elast}(EjeNeutro, ha)$



Momento último de la sección: $M_{ult_Elast}(EjeNeutro) = 1709.04 \text{ kN} \cdot \text{m}$

C. ESTUDIO DE LA SECCIÓN A CORTANTE

VERIFICACIÓN CONDICIÓN RIGIDIZADOR RÍGIDO:

Comprobación rigidizador rígido:
CE Anejo 25 9.3.3

$Rigido(a, t_r, Sec_perfil(b_{f_inf}, t_{f_inf}, t_w, b_w, b_{f_sup}, t_{f_sup})) = \text{"CUMPLE: RIGIDIZADOR RIGIDO"}$

VERIFICACIÓN CONDICIÓN COMPROBACIÓN DE ABOLLADURA:

Coefficiente de abolladura por cortante: $k_r(a) = 5.71$
CE Anejo 25 Apéndice A3

Comprobación considerar abolladura por
cortante:
CE Anejo 25.5

$Comprobacion_abolladura(Elemento) = \text{"Se debe comprobar el abollamiento"}$

RESISTENCIA DE LA SECCIÓN A CORTANTE
CE Anejo 25 5

Contribución de alma: $V_{bw_Rd}(Extremo, Elemento) = 810.31 \text{ kN}$

Esbeltez modificada: $\lambda_w(Elemento) = 1.31$

Coefficiente contribución del alma: $\chi_w(Extremo, Elemento) = 0.68$

D. COMPROBACIONES

A continuación, se presentan los coeficientes de seguridad de la sección de estudio a flexión y a compresión.

$$Comprobacion_{Flexion} := \frac{M_{ult_Elast}(\text{EjeNeutro})}{\max(M_{d_positivo}, M_{d_negativo})}$$

$Comprobacion_{Flexion} = 2.83$

$$Comprobacion_{Cortante} := \frac{V_{bw_Rd}(\text{Extremo}, \text{Elemento})}{V_d}$$

$Comprobacion_{Cortante} = 5.31$

Nombre del proyecto:	$ID_{Proyecto} := \text{"Proyecto: PR-0336"}$
Estructura:	$ID_{Estructura} := \text{"Vigas transversales en T"}$
Cálculo:	$ID_{Calculo} := 00$

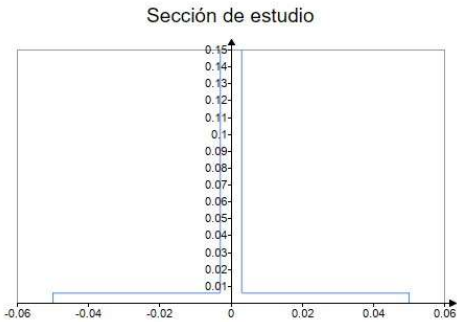
A. DATOS DE PARTIDA

DEFINICIÓN GEOMÉTRICA:

Definición geométrica:

$b_{f_inf} := 100 \text{ mm}$	$b_{f_sup} := 0 \text{ mm}$	$t_w := 6 \text{ mm}$
$t_{f_inf} := 6 \text{ mm}$	$t_{f_sup} := 0 \text{ mm}$	$b_w := 150 \text{ mm} - t_{f_inf} - t_{f_sup}$ $b_w = 144 \text{ mm}$

Altura de la sección:	$H_{Viga} := t_{f_inf} + b_w + t_{f_sup} = 0.15 \text{ m}$	$H_{Viga} = 0.15 \text{ m}$
Área de la sección:	$Area_{Perfil} := POL_A(\text{Sec_perfil})$	$Area_{Perfil} = 1464 \text{ mm}^2$
Sección:		



ACERO:

Tipo de acero:	$Acero := S_235$
Modulo Elasticidad:	$E_s := 210 \text{ GPa}$
Coefficiente de minoración del material:	$\gamma_s := 1.1$
Límite elástico:	$f_{yk}(Acero, b)$
Resistencia de cálculo:	$f_{yd}(Acero, b, \gamma_s)$
Peso específico Acero:	$\gamma_{Acero} := 78.5 \frac{\text{kN}}{\text{m}^3}$

MADERA

Peso específico Madera:	$\gamma_{Madera} := 10.3 \frac{\text{kN}}{\text{m}^3}$
-------------------------	--

BARANDILLA:

Altura de impacto:

$$H_{Impacto} := 1.2 \text{ m} + 0.15 \text{ m}$$

Fuerza de impacto:

$$F_{Impacto} := 1.5 \frac{\text{kN}}{\text{m}}$$

LONGITUDES:

Longitud del voladizo:

$$L_{vola} := 0.55 \text{ m}$$

Longitud entre apoyos transversales:

$$L_{anclajeTransv} := 2.5 \text{ m}$$

B. SOLICITACIONES

Peso propio: $q_{pp} := Area_{Perfil} \cdot \gamma_{Madera}$

Sobrecarga: $q_{sobr} := 5 \frac{\text{kN}}{\text{m}^2} \cdot L_{anclajeTransv}$

Peso muerto: $q_{madera} := 15 \text{ cm} \cdot \gamma_{Madera} \cdot L_{anclajeTransv}$

$$q_{total} := q_{pp} + q_{sobr} + q_{madera}$$

Esfuerzo flector barandilla: $M_{Barandilla} := F_{Impacto} \cdot L_{anclajeTransv} \cdot H_{Impacto}$

Esfuerzo flector total:

$$M_d := M_{Sol}(q_{total}, L_{vola}) + M_{Barandilla} = 7.54 \text{ kN} \cdot \text{m}$$

C. COMPROBACIÓN SECCIONAL

Clase de la sección:

$Clase_chapa_confinada = \text{"Clase 1"}$

$Chapas_no_confinadas = \text{"Clase 1"}$

FLEXIÓN:

Momento último de la sección: $M_{ult_plastico}(\text{EN_RegimenPlastico}) = 13.05 \text{ kN} \cdot \text{m}$

Coefficiente de Seguridad:

$$Coef_Seguridad_{fle} := \frac{M_{ult_plastico}(\text{EN_RegimenPlastico})}{M_d} = 1.73$$

CORTANTE:

Cortante máximo:

$$V_{pl_Rd} = 121.79 \text{ kN}$$

Cortante de diseño:

$$V_d := q_{total} \cdot L_{vola} = 9.01 \text{ kN}$$

Coefficiente de Seguridad:

$$Coef_Seguridad_{Cort} := \frac{V_{pl_Rd}}{V_d} = 13.52$$

Nombre del proyecto:

$ID_{Proyecto} := \text{"Proyecto PR-0336"}$

Estructura:

$ID_{Estructura} := \text{"Cordones de Celosía"}$

Cálculo:

$ID_{Calculo} := 00$

A. DATOS DE PARTIDA

Ancho de ala:

$$b_{f_inf} := 300 \text{ mm}$$

Espesor del ala:

$$t_{f_inf} := 20 \text{ mm}$$

Resistencia acero

$$f_y := 3555 \text{ MPa}$$

$$\gamma_s := 1.1$$

Resistencia de cálculo:

$$f_{yd} := \frac{f_y}{\gamma_s}$$

B. RESULTADOS

Porcentaje de la carga vertical a tomar:

$$Porcentaje_{tomar} := 2\%$$

Angulo de celosía:

$$\alpha := 63.5^\circ$$

Numero de transversales por Vano:

$$n_{TransversalesVano} := 11$$

Capacidad axil del ala:

Área:

$$A_{ala} := b_{f_inf} \cdot t_{f_inf}$$

Axil:

$$Capacidad_ala := A_{ala} \cdot f_{yd} = 19390.91 \text{ kN}$$

2%:

$$F_{CALCULO} := Porcentaje_{tomar} \cdot Capacidad_ala = 387.82 \text{ kN}$$

Reacciones:

$$R := 2.5 \cdot F_{CALCULO} = 969.55 \text{ kN}$$

$$Barra_cruz := \frac{R}{\cos(\alpha)} = 2172.9 \text{ kN}$$

$$Area_{min} := \frac{Barra_cruz}{f_{yd}} = 672.35 \text{ mm}^2$$

$$\frac{Area_{min}}{8 \text{ mm}} = 84.04 \text{ mm}$$

C. DIMENSIONAMIENTO

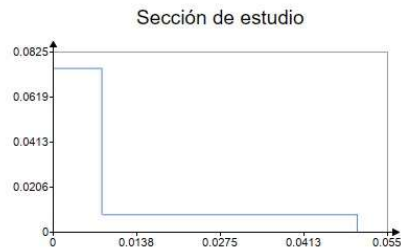
Geometría de los tirantes:

Espesor: $t := 8 \text{ mm}$

Ala horizontal: $L_{Htal} := 50 \text{ mm}$

Ala vertical: $L_{Vert} := 75 \text{ mm}$

$$perfil := \begin{bmatrix} 0 \text{ m} & 0 \text{ m} \\ L_{Htal} & 0 \text{ m} \\ L_{Htal} & t \\ t & t \\ t & L_{Vert} \\ 0 & L_{Vert} \end{bmatrix}$$



Área de la sección: $\text{Área} := POL_A(perfil) = 936 \text{ mm}^2$

D. COMPROBACIÓN

Factor de seguridad:

$$FS = \frac{\text{Área}}{\text{Área}_{\min}} = 1.39$$

Nombre del proyecto:

$ID_{Proyecto} := \text{"Proyecto PR-0336"}$

Estructura:

$ID_{Estructura} := \text{"Mensula de reparto"}$

Cálculo:

$ID_{Cálculo} := 00$

A. DATOS DE PARTIDA

DATOS DE LA MÉNSULA:

GEOMETRÍA:

Angulo de la ménsula: $\beta := 70^\circ$

Espesor del alma: $t_w := 20 \text{ mm}$

Separación de rigidizadores: $sep_{rig} := 0.25 \text{ m}$

Espesor rigidizadores: $t_r := 20 \text{ mm}$

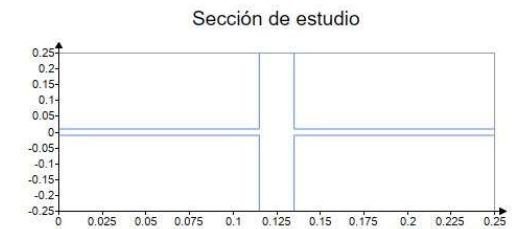
Ancho del ala: $b_t := 500 \text{ mm}$

Longitud de pandeo: $L_{pandeo} := 2.721 \text{ m}$

SECCIÓN PORTANTE CONSIDERADA:

Generación de la sección portante considerada: $SecTrans := \begin{bmatrix} 0 \text{ m} & -\frac{t_w}{2} \\ \vdots & \vdots \end{bmatrix}$

Sección:



Área: $\text{Área}_{SecPort} := POL_A(SecTrans) = 14600 \text{ mm}^2$

ACERO:

Tipo de acero:

$\text{Acero} := \text{S}_{355}$

Modulo Elasticidad:

$E_s := 210 \text{ GPa}$

Coefficiente de minoración del material:

$\gamma_s := 1.1$

Límite elástico:

$f_{yk}(\text{Acero}, b)$

Resistencia de cálculo:

$f_{yd}(\text{Acero}, b, \gamma_s)$

SOLICITACIONES:

Carga por apoyo:	$Q_{d_apoyo} := 317.68 \text{ kN}$	
Carga de diseño:	$Q_d := 2 \cdot Q_{d_apoyo}$	$Q_d = 635.36 \text{ kN}$
Carga vertical:	$Q_{d_Vert} := Q_d$	$Q_{d_Vert} = 635.36 \text{ kN}$
Carga horizontal:	$Q_{d_Htal} := \frac{Q_d}{\tan(\beta)}$	$Q_{d_Htal} = 231.25 \text{ kN}$
Carga a β (beta):	$Q_{d_Diagonal} := \frac{Q_d}{\sin(\beta)}$	$Q_{d_Diagonal} = 676.14 \text{ kN}$

DATOS DEL MATERIAL:

RELLENO :

Peso específico mampostería:	$\gamma_{Mamposteria} := 18 \frac{\text{kN}}{\text{m}^3}$	$\gamma_{HM} := 23 \frac{\text{kN}}{\text{m}^3}$
Coefficiente de rozamiento:	$\mu_{Mamp} := 0.5$	$\mu_{HM} := 0.5$

FÁBRICA:

Material:	$f_{b_Material} := \text{Caliza}$	$f_{b_Material} = 60 \text{ MPa}$
Coef. minoración elementos de fábrica:	$\gamma_M := 2.5$	

Parámetro Ohler:
(Relación entre la altura altura del
mortero y del ladrillo)

$$\alpha := 0$$

Coef. de ajuste (Ohler):

$$a(\alpha) := \begin{cases} \text{if } \alpha \leq 0.02 \\ \parallel \text{res} \leftarrow 1 \\ \text{else if } 0.02 < \alpha < 0.02 \\ \parallel \text{res} \leftarrow 0.811 \\ \text{else} \\ \parallel \text{res} \leftarrow 0.662 \end{cases}$$

$$a(\alpha) = 1$$

$$b(\alpha) := \begin{cases} \text{if } \alpha \leq 0.02 \\ \parallel \text{res} \leftarrow 2.218 \\ \text{else if } 0.02 < \alpha < 0.02 \\ \parallel \text{res} \leftarrow 0.960 \\ \text{else} \\ \parallel \text{res} \leftarrow 0.662 \end{cases}$$

$$b(\alpha) = 2.22$$

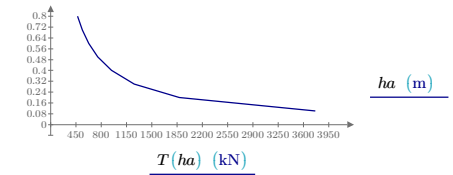
$$\text{Capacidad resistente: } f_d := \frac{1}{\gamma_M} \cdot 0.7 \cdot \frac{a(\alpha) \cdot f_{b_Material}}{1 + b(\alpha) \cdot \alpha} \quad f_d = 16.8 \text{ MPa}$$

B. RESULTADOS

ESFUERZOS HORIZONTALES:

Sistema de Fuerzas:

Distancia del perno al pto de estudio:	$d := 0.8 \text{ m}$	
Distancia del anclaje al pto de estudio:	$distbarra := 2.1 \text{ m}$	
Valor característico de la carga vertical:	$Q_k := \frac{Q_d}{1.35} = 470.64 \text{ kN}$	
Función Fuerza:	$T(ha) := \frac{Q_k}{ha} \cdot d$	$ha := 0 \text{ m}, 0.1 \text{ m} \dots 0.8 \text{ m}$



Se toma un factor ante el deslizamiento de 2. $FS_{des} := 2$

Fuerza total ménsula: $F_{BarraMensula} := FS_{des} \cdot T(distbarra) = 358.58 \text{ kN}$

Bloque de Hormigón:

Dimensiones:	$V_{BloqueHormigon} := 1 \text{ m} \cdot 2 \text{ m} \cdot 2 \text{ m}$	
Peso bloque de hormigón:	$W_{BloqueHormigon} := V_{BloqueHormigon} \cdot \gamma_{HM}$	$W_{BloqueHormigon} = 92 \text{ kN}$
Resistencia:	$Fr_{BloqueHormigon} := W_{BloqueHormigon} \cdot \mu_{HM}$	$Fr_{BloqueHormigon} = 46 \text{ kN}$

Bloque de Relleno:

Dimensiones:	$V_{BloqueRelleno} := 9 \text{ m} \cdot 2 \text{ m} \cdot 2 \text{ m}$	
Peso bloque de hormigón:	$W_{BloqueRelleno} := V_{BloqueRelleno} \cdot \gamma_{HM}$	$W_{BloqueRelleno} = 828 \text{ kN}$
Resistencia:	$Fr_{BloqueRelleno} := W_{BloqueRelleno} \cdot \mu_{HM}$	$Fr_{BloqueRelleno} = 414 \text{ kN}$

Equilibrio de Fuerzas

$$F_{Final} := Fr_{BloqueHormigón} + Fr_{BloqueRelleno} - F_{BarraMensula}$$

$$F_{Final} = 101.42 \text{ kN}$$

$$Equilibrio := \begin{cases} F_{Barra} \leftarrow F_{BarraMensula} \\ Fr \leftarrow Fr_{BloqueHormigón} + Fr_{BloqueRelleno} \\ \text{if } Fr \geq F_{Barra} \\ \quad \text{"Cumple"} \\ \text{else} \\ \quad \text{"No cumple"} \end{cases}$$

$$Equilibrio = \text{"Cumple"}$$

ESFUERZOS VERTICALES:

Superficie mínima de reparto:

$$Superficie_{fabrica_{min}} := \frac{Q_{d_Vert}}{f_d}$$

$$Superficie_{fabrica_{min}} = 378.19 \text{ cm}^2$$

C. COMPROBACIÓN SECCIONAL DE LA MÉNSULA

SECCIÓN 1:

Resistencia a compresión de la sección portante:

$$Resist_{Compresion} := f_{yd} (Acero, t_w, \gamma_s) \cdot Area_{SecPort}$$

$$Resist_{Compresion} = 4711.82 \text{ kN}$$

Capacidad de cálculo del acero:

$$f_{yd} (Acero, t_w, \gamma_s) = 322.73 \text{ MPa}$$

Área portante considerada:

$$Area_{SecPort} = 146 \text{ cm}^2$$

Factor de seguridad:

Fuerza de diseño:

$$Q_{d_Diagonal} = 676.14 \text{ kN}$$

Factor de Seguridad:

$$FactorSeguridad_{SecPort} := \frac{Resist_{Compresion}}{Q_{d_Diagonal}}$$

$$FactorSeguridad_{SecPort} = 6.97$$

SECCIÓN 2:

$$Area_{min} := \frac{Q_{d_apoyo}}{f_{yd} (Acero, t_w, \gamma_s) \cdot t_w} = 49.22 \text{ mm}$$

COMPROBACIÓN DE PANDEO (Método Omega EA-95)

Longitud de pandeo:

$$L_P := 1 \cdot L_{pandeo}$$

Radio de giro:

$$i := \sqrt{\frac{POL_{I,yyzz} (SecTrans)_1}{Area_{SecPort}}} \quad i = 0.12 \text{ m}$$

Inercia de giro:

$$POL_{I,yyzz} (SecTrans)_1 = 208486666.67 \text{ mm}^4$$

Área portante considerada:

$$Area_{SecPort} = 0.01 \text{ m}^2$$

Eslabetez:

$$\lambda := \frac{L_P}{i} = 22.77$$

Coefficiente de pandeo:
(tabla 3.2.7 EA 95)

$$\omega := 1.03$$

Tensión crítica de pandeo:

$$TensionCriticaPandeo := \frac{Q_{d_Diagonal}}{Area_{SecPort}} \cdot \omega$$

Factor de seguridad:

$$f_{yd} (Acero, t_r, \gamma_s) = 322.73 \text{ MPa}$$

Factor de Seguridad:

$$FactorSeguridad_{SecPortPandeo} := \frac{f_{yd} (Acero, t_w, \gamma_s)}{TensionCriticaPandeo}$$

$$FactorSeguridad_{SecPortPandeo} = 6.77$$

Teknés Innovación

Nombre del proyecto: $ID_{Proyecto} := \text{"Proyecto: PR-0336"}$

Estructura: $ID_{Estructura} := \text{"Cimentaciones"}$

Cálculo: $ID_{Calculo} := 00$

A. ESTUDIO DEL MICROPILETE

A.1 DATOS DE ENTRADA

DATOS DEL MICROPILETE:

Díámetro nominal del micropilote: $Diametro_{Micropilote} := 160 \text{ mm}$

Tubería del micro: $Tuberia := \text{"Tubería: 101.6*7"}$

Díámetro exterior: $Diametro_{tuberia} := Tuberia_{1,1} = 101.6 \text{ mm}$

Espesor: $Espesor_{tuberia} := Tuberia_{2,1} = 7 \text{ mm}$

Área de la tubería: $Area_{tuberia} := Tuberia_{3,1} \cdot \text{cm}^2 = 20.8 \text{ cm}^2$

Peso por metro lineal: $Peso_{ml} := Tuberia_{4,1} \cdot \frac{\text{kg}}{\text{m}} = 17 \frac{\text{kg}}{\text{m}}$

Longitud del micropilote: $L_{Micro} := 15 \text{ m}$

Longitud anclada en roca: $L_{roca} := 5 \text{ m}$

MATERIALES:

ACERO:

Límite elástico: $f_{sk} := \text{"Acero_tuberia: N80"}$ $f_{sk} = 552 \text{ MPa}$

Coefficiente de minoración del material: $\gamma_s := 1.1$

HORMIGÓN:

Resistencia característica: $f_{ck,25} := 25 \text{ MPa}$

Coefficiente de minoración del material: $\gamma_h := 1.5$

Peso específico Hormigón: $\gamma_{HM} := 25 \frac{\text{kN}}{\text{m}^3}$

DATOS DEL TERRENO:

Material: Roca

Profundidad supuesta: $h_{roca} := 10 \text{ m}$

Resistencia a compresión simple: $q_u := 30 \text{ MPa}$

SOLICITACIONES DE DISEÑO:

Axil de compresión: $N_{Hundimiento} := 330.9 \text{ kN}$

Axil de tracción: $N_{Arranque} := 31.98 \text{ kN}$

Teknés Innovación

A.2 RESULTADOS

HUNDIMIENTO:

$ResistenciaUnitariaCalculo := \text{"Tipo de roca: Margas y margocalizas"}$ $\left[\frac{f_{e,d}}{q_{pe,d}} \right] := ResistenciaUnitariaCalculo$

$$R_{ED}(L_{roca}, diam, q_u) := \left\| \begin{array}{l} A_{LE} \leftarrow L_{roca} \cdot (\pi \cdot diam) \\ A_{Pe} \leftarrow \left(\pi \cdot \frac{diam^2}{4} \right) \\ q_{pe,d} \leftarrow q_{pe,d} \cdot q_u \\ A_{LE} \cdot f_{e,d} + A_{Pe} \cdot q_{pe,d} \end{array} \right\| \quad R_{ED}(L_{roca}, Diametro_{Micropilote}, q_u) = 419.21 \text{ kN}$$

ARRANQUE:

Coefficiente de minoración: $F_{we} := 1.2$

Resistencia de cálculo por fuste: $R_{ft,d} := f_{e,d}$

$$R_{t,d}(diam, L_{roca}, L_{micro}) := \left\| \begin{array}{l} A_{LE} \leftarrow L_{roca} \cdot (\pi \cdot diam) \\ W \leftarrow \left(Peso_{ml} \cdot g + \left(\pi \cdot \frac{(Diametro_{tuberia} - Espesor_{tuberia})^2}{4} \right) \cdot \gamma_{HM} \right) \cdot L_{micro} \\ A_{LE} \cdot R_{ft,d} + W \cdot F_{we} \end{array} \right\|$$

$$R_{t,d}(Diametro_{tuberia}, L_{roca}, L_{Micro}) = 245.55 \text{ kN}$$

FALLO ESTRUCTURAL MICROPILOTE A COMPRESIÓN:

Reducción espesor por corrosión:
(Tabla 2.4)

$$r_e := \text{[Tipo de suelo (Vida útil de 100 años): Suelos naturales sin alterar]} \quad r_e = 1.2 \text{ mm}$$

Coefficiente de minoración:
Tabla 3.4

$$F_{uc} := \text{[De rosca machimebrada, sin sección ensanchada y con contacto a tope con ambos extremos]} \quad F_{uc} = 1$$

Coefficiente de influencia del tipo de ejecución:
(Tabla 3.5)

$$F_e := \text{[Cualquier tipo de terreno perforado al amparo del revestimiento recuperable]} \quad F_e = 1.05$$

$$\text{Factor empírico de pandeo:} \quad R := 1$$

$$N_{c,Rd} := \left\| \begin{aligned} &A_c \leftarrow \pi \cdot \frac{(\text{Diametro}_{\text{Micropilote}})^2}{4} - \text{Area}_{\text{tuberia}} \\ &A_a \leftarrow \frac{\pi}{4} \cdot ((\text{Diametro}_{\text{tuberia}} - 2 \cdot r_e)^2 - (\text{Diametro}_{\text{tuberia}} - 2 \cdot \text{Espesor}_{\text{tuberia}})^2) \cdot F_{uc} \\ &f_{cd} \leftarrow \frac{f_{ck,25}}{\gamma_h} \\ &f_{sd} \leftarrow \min\left(\frac{f_{sk}}{\gamma_s}, 400 \text{ MPa}\right) \\ &(0.85 \cdot A_c \cdot f_{cd} + A_a \cdot f_{sd}) \cdot \frac{R}{1.2 \cdot F_e} \end{aligned} \right\|$$

$$N_{c,Rd} = 742.95 \text{ kN}$$

FALLO ESTRUCTURAL MICROPILOTE A TRACCIÓN:

Coefficiente de minoración:
Tabla 3.7

$$F_{ut} := \text{[Otras uniones diseñadas específicamente para no sufrir pérdidas de resistencia]} \quad F_{ut} = 1$$

$$N_{t,Rd} := \left\| \begin{aligned} &A_a \leftarrow \frac{\pi}{4} \cdot ((\text{Diametro}_{\text{tuberia}} - 2 \cdot r_e)^2 - (\text{Diametro}_{\text{tuberia}} - 2 \cdot \text{Espesor}_{\text{tuberia}})^2) \cdot F_{ut} \\ &f_{sk} \leftarrow \frac{f_{sk}}{\gamma_s} \\ &(A_a \cdot f_{sk}) \cdot \frac{1}{1.1} \end{aligned} \right\|$$

$$N_{t,Rd} = 776.39 \text{ kN}$$

B. PILA 6: ENCEPADO Y PILA 6

B.1 DATOS DE ENTRADA

ACERO

$$\begin{aligned} \text{Acero B500S} \\ \text{Límite elástico característico:} \quad f_{yk} &:= 500 \text{ MPa} \\ \text{Coeficiente de minoración del material:} \quad \gamma_y &:= 1.15 \\ \text{Límite elástico de cálculo:} \quad f_{yd} &:= \frac{f_{yk}}{\gamma_y} \quad f_{yd} = 434.78 \text{ MPa} \end{aligned}$$

HORMIGÓN:

$$\begin{aligned} \text{Peso específico hormigón:} \quad \gamma_{HA} &:= 25 \frac{\text{kN}}{\text{m}^3} \\ \text{Resistencia característica Hormigón:} \quad f_{ck,25} &:= 25 \text{ MPa} \\ \text{Coeficiente de minoración del material:} \quad \gamma_h &:= 1.5 \\ \text{Resistencia de cálculo del Hormigón:} \quad f_{yk,25} &:= \frac{f_{ck,25}}{\gamma_h} \quad f_{yk,25} = 16.67 \text{ MPa} \end{aligned}$$

DATOS DE LA PILA:

$$\begin{aligned} \text{Altura de la pila:} \quad h_{pila} &:= 5.5 \text{ m} \\ \text{Canto de la pila:} \quad \text{Canto}_{Pila} &:= 1.5 \text{ m} \\ \text{Ancho de la pila:} \quad \text{Esp}_{Pila} &:= 0.5 \text{ m} \\ \text{Área de la Pila:} \quad \text{Area}_{Pila} &:= \text{Canto}_{Pila} \cdot \text{Esp}_{Pila} \quad \text{Area}_{Pila} = 0.75 \text{ m}^2 \end{aligned}$$

DATOS ENCEPADO:

$$\begin{aligned} \text{Canto útil del encepado:} \quad d_{\text{util_encepado}} &:= 0.75 \text{ m} \\ \text{Distancia entre pilotes:} \quad L_{\text{EntrePilotes}} &:= 2.5 \text{ m} \\ \text{Ancho de la entrega:} \quad a_{\text{entrega}} &:= \text{Esp}_{Pila} \\ \text{Volumen del encepado:} \quad V_{\text{encepado}} &:= 11.5 \text{ m}^3 \end{aligned}$$

SOLICITACIONES

$$\begin{aligned} \text{Axil de la estructura:} \quad N_{d_estructura_Pila} &:= 317.68 \text{ kN} + 287.09 \text{ kN} \quad N_{d_estructura_Pila} = 604.77 \text{ kN} \\ \text{Axil momento F horizontal:} \quad N_{d_FlectorFHorztl} &:= 25 \text{ kN} \end{aligned}$$

B.2 CÁLCULOS

PILA

Axil total sobre la pila: $N_{total_Pila} := N_{d_estructura_Pila} + \gamma_{HA} \cdot Area_{Pila} \cdot h_{pila}$ $N_{total_Pila} = 707.9 \text{ kN}$

ENCEPADO

Axil total sobre el micropilote: $N_{total_Encepado} := \frac{1}{3} (N_{d_estructura_Pila} + \gamma_{HA} \cdot Area_{Pila} \cdot h_{pila} + \gamma_{HA} \cdot V_{encepado}) + N_{d_FlectorFHoztl}$
 $N_{total_Encepado} = 356.8 \text{ kN}$

Tracción a soportar por el armado: $T_d(N, D, L, A) := 0.68 \cdot \frac{N}{D} \cdot (0.58 \cdot L - 0.25 \cdot A)$
 $T_d(N_{total_Encepado}, d_{util_encepado}, L_{EntrePilotes}, a_{entrega}) = 428.63 \text{ kN}$

Armado requerido: $A_{s1} := \frac{T_d(N_{total_Encepado}, d_{util_encepado}, L_{EntrePilotes}, a_{entrega})}{\min(400 \text{ MPa}, f_{yd})} = 10.72 \text{ cm}^2$

$A_{s2} := \frac{T_d(N_{c_Rd}, d_{util_encepado}, L_{EntrePilotes}, a_{entrega})}{\min(400 \text{ MPa}, f_{yd})} = 22.31 \text{ cm}^2$

Estribos: $A_{s1_EstrEncepado} := \frac{N_{c_Rd}}{1.5}$ $A_{s1_EstrEncepado} = 495.3 \text{ kN}$

$A_{s2_EstrEncepado} := \frac{A_{s1_EstrEncepado}}{\min(400 \text{ MPa}, f_{yd})} = 12.38 \text{ cm}^2$ $\frac{A_{s2_EstrEncepado}}{2} = 6.19 \text{ cm}^2$

D. ESTRIBOS

D.1 DATOS DE ENTRADA

ACERO

Acero B500S
 Límite elástico característico: $f_{yk} = 500 \text{ MPa}$
 Coeficiente de minoración del material: $\gamma_y = 1.15$
 Límite elástico de cálculo: $f_{yd} = 434.78 \text{ MPa}$

HORMIGÓN:

Peso específico hormigón: $\gamma_{HA} = 25 \frac{\text{kN}}{\text{m}^3}$
 Resistencia característica Hormigón: $f_{ck_25} = 25 \text{ MPa}$
 Coeficiente de minoración del material: $\gamma_n = 1.5$
 Resistencia de cálculo del Hormigón: $f_{yk_25} = 16.67 \text{ MPa}$

GEOMETRÍA ESTRIBO

Altura cargadero: $h_{cargadero} = 0.5 \text{ m}$
 Espesor cargadero: $esp_{cargadero} = 0.80 \text{ m}$
 Altura espadín: $h_{espaldin} = 1.5 \text{ m}$
 Espesor espadín: $esp_{espaldin} = 0.3 \text{ m}$
 Longitud transversal estribo: $L_{TransEstr} = 1.5 \text{ m}$

SOLICITACIONES

Axil de la estructura: $N_{d_estructura_Estribo} = 92.92 \text{ kN} + 83.909 \text{ kN}$
 $N_{d_estructura_Estribo} = 176.83 \text{ kN}$

B.2 CÁLCULOS

Volumen del estribo: $V_{Estribo} := L_{TransEstr} \cdot (h_{cargadero} \cdot esp_{cargadero} + esp_{espaldin} \cdot esp_{espaldin})$ $V_{Estribo} = 0.74 \text{ m}^3$

Peso estribo: $W_{Estribo} := V_{Estribo} \cdot \gamma_{HA}$

Axil total sobre el estribo: $N_{total_Estribo} := N_{d_estructura_Estribo} + W_{Estribo}$ $N_{total_Estribo} = 195.2 \text{ kN}$

Axil sobre Micropilote: $N_{Pilote} := \frac{1}{2} \cdot N_{d_estructura_Estribo} + \frac{1}{2} \cdot W_{Estribo}$ $N_{Pilote} = 97.6 \text{ kN}$

Cuántía espaldín

$$\text{Horizontal trac: } Area_{EstriHorTr} := 0.5 \cdot h_{espaldin} \cdot esp_{espaldin} \cdot \frac{3.2}{1000} = 7.2 \text{ cm}^2$$

$$\text{Horizontal comp: } Area_{EstriHorC} := 0.5 \cdot h_{espaldin} \cdot esp_{espaldin} \cdot \frac{3.2}{1000} = 7.2 \text{ cm}^2$$

$$\text{Vertical trac: } Area_{EstriVertTr} := esp_{espaldin} \cdot \frac{0.9}{1000} = 2.7 \frac{1}{m} \cdot \text{cm}^2$$

$$\text{Vertical comp: } Area_{EstriVertC} := 0.3 \cdot esp_{espaldin} \cdot \frac{0.9}{1000} = 0.81 \frac{1}{m} \cdot \text{cm}^2$$

$$\text{Armado horizontal: } \frac{Area_{EstriHorTr}}{h_{espaldin}} = 4.8 \frac{\text{cm}^2}{m}$$

Cuántía cargadero:

$$\text{Cuántía tracción: } Area_{CargT} := h_{cargadero} \cdot esp_{cargadero} \cdot \frac{2.8}{1000} = 11.2 \text{ cm}^2$$

$$\text{Cuántía compresión: } Area_{CargC} := 0.3 \cdot h_{cargadero} \cdot esp_{cargadero} \cdot \frac{2.8}{1000} = 3.36 \text{ cm}^2$$

$$\text{Armado compresión: } \frac{Area_{CargT}}{esp_{cargadero}} = 14 \frac{\text{cm}^2}{m}$$

$$\text{Armado tracción: } \frac{Area_{CargC}}{esp_{cargadero}} = 4.2 \frac{\text{cm}^2}{m}$$

Nombre del proyecto: $ID_{Proyecto} := \text{"Proyecto PR-0336"}$

Estructura: $ID_{Estructura} := \text{"Apoyos"}$

Cálculo: $ID_{Calculo} := 00$

A. DATOS DE PARTIDA

DATOS GEOMETRICOS DEL APOYO:

Largo del apoyo: $a := 150 \cdot \text{mm}$

Ancho del apoyo: $b := 150 \cdot \text{mm}$

Altura neta del apoyo: $h_{neta} := 30 \cdot \text{mm}$

Altura bruta del apoyo: $h_{bruta} := 42 \cdot \text{mm}$

REACCIONES DE DIMENSIONAMIENTO:

Reacción mínima:	$R_{Min_Estribo1} := -1.719 \text{ kN}$	Reacción máxima:	$R_{Max_Estribo1} := 51.363 \text{ kN}$
	$R_{Min_Pila1} := 31.575 \text{ kN}$		$R_{Max_Pila1} := 186.601 \text{ kN}$
	$R_{Min_Pila2} := 37.652 \text{ kN}$		$R_{Max_Pila2} := 219.809 \text{ kN}$
	$R_{Min_Pila3} := 43.089 \text{ kN}$		$R_{Max_Pila3} := 235.319 \text{ kN}$
	$R_{Min_Pila4} := 31.432 \text{ kN}$		$R_{Max_Pila4} := 219.133 \text{ kN}$
	$R_{Min_Pila5} := 30.168 \text{ kN}$		$R_{Max_Pila5} := 210.575 \text{ kN}$
	$R_{Min_Pila6} := 45.054 \text{ kN}$		$R_{Max_Pila6} := 212.366 \text{ kN}$
	$R_{Min_Estribo2} := 6.013 \text{ kN}$		$R_{Max_Estribo2} := 68.832 \text{ kN}$

B. COMPROBACIÓN

Estructura de resultados: [“Elemento” “Cumple la condición” “Tensión (MPa)” “Coeficiente validez”]

Comprobación a tensión máxima:

$$Reaccion_{max}(a, b, Reacciones) = \begin{bmatrix} \text{"Estribo 1"} & \text{"Cumple"} & 2.28 & 0.16 \\ \text{"Pila 1"} & \text{"Cumple"} & 9.77 & 0.66 \\ \text{"Pila 2"} & \text{"Cumple"} & 9.77 & 0.66 \\ \text{"Pila 3"} & \text{"Cumple"} & 10.46 & 0.71 \\ \text{"Pila 4"} & \text{"Cumple"} & 9.74 & 0.66 \\ \text{"Pila 5"} & \text{"Cumple"} & 9.36 & 0.64 \\ \text{"Pila 6"} & \text{"Cumple"} & 9.44 & 0.64 \\ \text{"Estribo 2"} & \text{"Cumple"} & 3.06 & 0.21 \end{bmatrix}$$

Comprobación a tensión mínima:

$$Reaccion_{min}(a, b, Reacciones) = \begin{bmatrix} \text{"Estribo 1"} & \text{"Hay que anclar el apoyo"} & -0.08 & -0.02 \\ \text{"Pila 1"} & \text{"Hay que anclar el apoyo"} & 1.4 & 0.29 \\ \text{"Pila 2"} & \text{"Hay que anclar el apoyo"} & 1.67 & 0.34 \\ \text{"Pila 3"} & \text{"Hay que anclar el apoyo"} & 1.92 & 0.39 \\ \text{"Pila 4"} & \text{"Hay que anclar el apoyo"} & 1.4 & 0.28 \\ \text{"Pila 5"} & \text{"Hay que anclar el apoyo"} & 1.34 & 0.27 \\ \text{"Pila 6"} & \text{"Hay que anclar el apoyo"} & 2 & 0.41 \\ \text{"Estribo 2"} & \text{"Hay que anclar el apoyo"} & 0.27 & 0.05 \end{bmatrix}$$

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Nombre del proyecto: $qID_{Proyecto} := \text{"Proyecto: PR-0336"}$

Estructura: $ID_{Estructura} := \text{"Entramado de madera"}$

Cálculo: $ID_{Calculo} := 00$

A. DATOS DE PARTIDA

GEOMETRÍA:

TABLÓN:

Ancho tablón: $b_{ent,1} := 75 \cdot \text{mm}$

Alto del tablón: $h_{ent,1} := 100 \cdot \text{mm}$

Longitud: $L_{entrevigastrans} := 2 \cdot \text{m}$

Separación maderos: $Sep_1 := 0.25 \cdot \text{m}$

Espesor tarima: $Esp_{Tarima} := 5 \cdot \text{cm}$

MATERIAL:

Peso propio: $\gamma_{Madera} := 10.5 \frac{\text{kN}}{\text{m}^3}$

RESISTENCIA MATERIAL:

Tipo de madera: GL 24h

$$f_f := 24 \frac{\text{N}}{\text{mm}^2} \quad f_v := 2.7 \frac{\text{N}}{\text{mm}^2}$$

B. RESULTADOS

Módulo resistente elástico: $W_{rest,elas}(B,H) := \frac{B \cdot H^2}{6}$

Flectores: $M_{positivo,biapoyado}(q,long) := \frac{q \cdot long^2}{8}$

$M_{negativo,biapoyado}(q,long) := 0.1 \cdot q \cdot long^2$

Cortante: $V_{max}(q,long) := 1.1 \cdot q \cdot long$

C. CARGAS

CARGAS:

Sobrecarga: $q_{sobr,k} := 5 \frac{\text{kN}}{\text{m}^2} \cdot Sep_1$ $q_{sobr,k} = 1.25 \frac{\text{kN}}{\text{m}}$

Peso propio:

Tarima: $q_{PP_Tar,k} := \gamma_{Madera} \cdot Esp_{Tarima} \cdot Sep_1$ $q_{PP_Tar,k} = 0.13 \frac{\text{kN}}{\text{m}}$

Viga madera: $q_{PP_Ent,1} := \gamma_{Madera} \cdot b_{ent,1} \cdot h_{ent,1}$ $q_{PP_Ent,1} = 0.08 \frac{\text{kN}}{\text{m}}$

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Total: $q_{Entr,1} := q_{sobr,k} + q_{PP_Tar,k} + q_{PP_Ent,1}$ $q_{Entr,1} = 1.46 \frac{\text{kN}}{\text{m}}$

ESFUERZOS:

Flector: $M_{pos} := M_{positivo,biapoyado}(q_{Entr,1}, L_{entrevigastrans}) = 0.73 \text{ kN} \cdot \text{m}$

$M_{neg} := M_{negativo,biapoyado}(q_{Entr,1}, L_{entrevigastrans}) = 0.58 \text{ kN} \cdot \text{m}$

Cortante: $V_k := V_{max}(q_{Entr,1}, L_{entrevigastrans}) = 3.21 \text{ kN}$

D. COMPROBACIÓN SECCIONAL RESISTENCIA

Coefficiente de minoración madera: $\gamma_{Min,mad} := 1.3$

Coefficiente minoración según la clase: $k_{mod} := 0.64$
(Tabla 3.1 UNE-EN 1995-1-1:2016)

FLECTOR:

Módulo resistente elástico: $W_{rest,elas}(b_{ent,1}, h_{ent,1}) = 125 \text{ cm}^3$

Capacidad de cálculo de la madera: $f_{f,d} := k_{mod} \cdot \frac{f_f}{\gamma_{Min,mad}}$ $f_{f,d} = 11.82 \text{ MPa}$

Momento ultimo de la sección: $M_{ult} := W_{rest,elas}(b_{ent,1}, h_{ent,1}) \cdot f_{f,d}$ $M_{ult} = 1.48 \text{ kN} \cdot \text{m}$

Coefficiente de seguridad: $Coeff_{flexion} := \frac{M_{ult}}{\max(M_{pos}, M_{neg})}$ $Coeff_{flexion} = 2.02$

CORTANTE:

Esfuerzo cortante característico: $V_k = 3.21 \text{ kN}$

Rasante transmitido: $\tau_d := 1.5 \cdot \frac{V_k}{b_{ent,1} \cdot h_{ent,1}}$ $\tau_d = 0.64 \text{ MPa}$

Capacidad rasante de la sección: $f_{v,d} := k_{mod} \cdot \frac{f_v}{1.3}$ $f_{v,d} = 1.33 \text{ MPa}$

Coefficiente de seguridad: $Coeff_{Cortante} := \frac{f_{v,d}}{\tau_d}$ $Coeff_{Cortante} = 2.07$