



Comune di Varano dè Melegari
Provincia di Parma

**LAVORI DI MESSA IN SICUREZZA DEL PONTE SUL
TORRENTE CENO LUNGO LA S.C. FOPLA IN LOCALITÀ
CASE CONTINI**

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO

Parma - Maggio 2024

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1. NORMATIVE DI RIFERIMENTO.

Il progetto delle strutture e le disposizioni esecutive, di cui alle pagine seguenti, sono conformi alla vigente normativa vigore ed in particolare:

1.1 Opere in c.a.

- D.M. 17/01/2018 "Norme Tecniche per le Costruzioni"
- CIRCOLARE 21 gennaio 2019, n.7 "Istruzione per l'applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 17 gennaio 2018;
- UNI EN 1990 (Eurocodice 0) – Aprile 2006: "Criteri generali di progettazione strutturale";
- UNI EN 1991-1-1 (Eurocodice 1) – Agosto 2004: "Azioni sulle strutture – Parte 1-1: Azioni in generale - Pesì per unità di volume, pesì propri e sovraccarichi per gli edifici";
- UNI EN 1991-1-4 (Eurocodice 1) – Luglio 2005: "Azioni sulle strutture – Parte 1-4: Azioni in generale – Azioni del vento";
- UNI EN 1992-1-1 (Eurocodice 2) – Novembre 2005: "Progettazione delle strutture di calcestruzzo – Parte 1-1: "Regole generali e regole per gli edifici";
- UNI ENV 1994-1-1 (Eurocodice 4): "Progettazione delle strutture composte acciaio-calcestruzzo"
- UNI EN 1998-1 (Eurocodice 8) – Marzo 2005: "Progettazione delle strutture per la resistenza sismica – Parte 1: Regole generali – Azioni sismiche e regole per gli edifici";
- Linee guida sul calcestruzzo strutturale - Presidenza del Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale;
- UNI EN 197-1:2011 – "Cemento: composizione, specificazioni e criteri di conformità per cementi comuni;
- UNI EN 11104:2016 – "Calcestruzzo: specificazione, prestazione, produzione e conformità", Istruzioni complementari per l'applicazione delle EN 206-1;
- UNI EN 206:2016 – "Calcestruzzo: specificazione, prestazione, produzione e conformità";

1.2 Normativa specifica per ponti stradali

- UNI EN 1991-2-1 (Eurocodice 1) – Marzo 2005: "Azioni sulle strutture – Parte 2: Carichi da traffico sui ponti";
- UNI EN 1992-2 (Eurocodice 2) – Gennaio 2006: "Progettazione delle strutture di calcestruzzo – Parte 2: Ponti in calcestruzzo - progettazione e dettagli costruttivi";
- UNI EN 1998-2 (Eurocodice 8) – Febbraio 2006: "Progettazione delle strutture per la resistenza sismica – Parte 2: Ponti".

1.3 Principali Istruzioni CNR

Istruzioni CNR 10011/88

Costruzioni di acciaio: Istruzioni per il calcolo l'esecuzione, il collaudo e la manutenzione.

Istruzioni CNR 10012/85

Istruzioni per la valutazione delle Azioni sulle costruzioni.

Istruzioni CNR 10016/85

Travi composte di acciaio e calcestruzzo. Istruzioni per l'impiego nelle costruzioni.

Istruzioni CNR 10024/86

Analisi di strutture mediante elaboratore: impostazione e redazione delle relazioni di calcolo.

Istruzioni CNR 10030/87

Anime irrigidite di travi a parete piena.

2. ANALISI DEL PROGETTO.

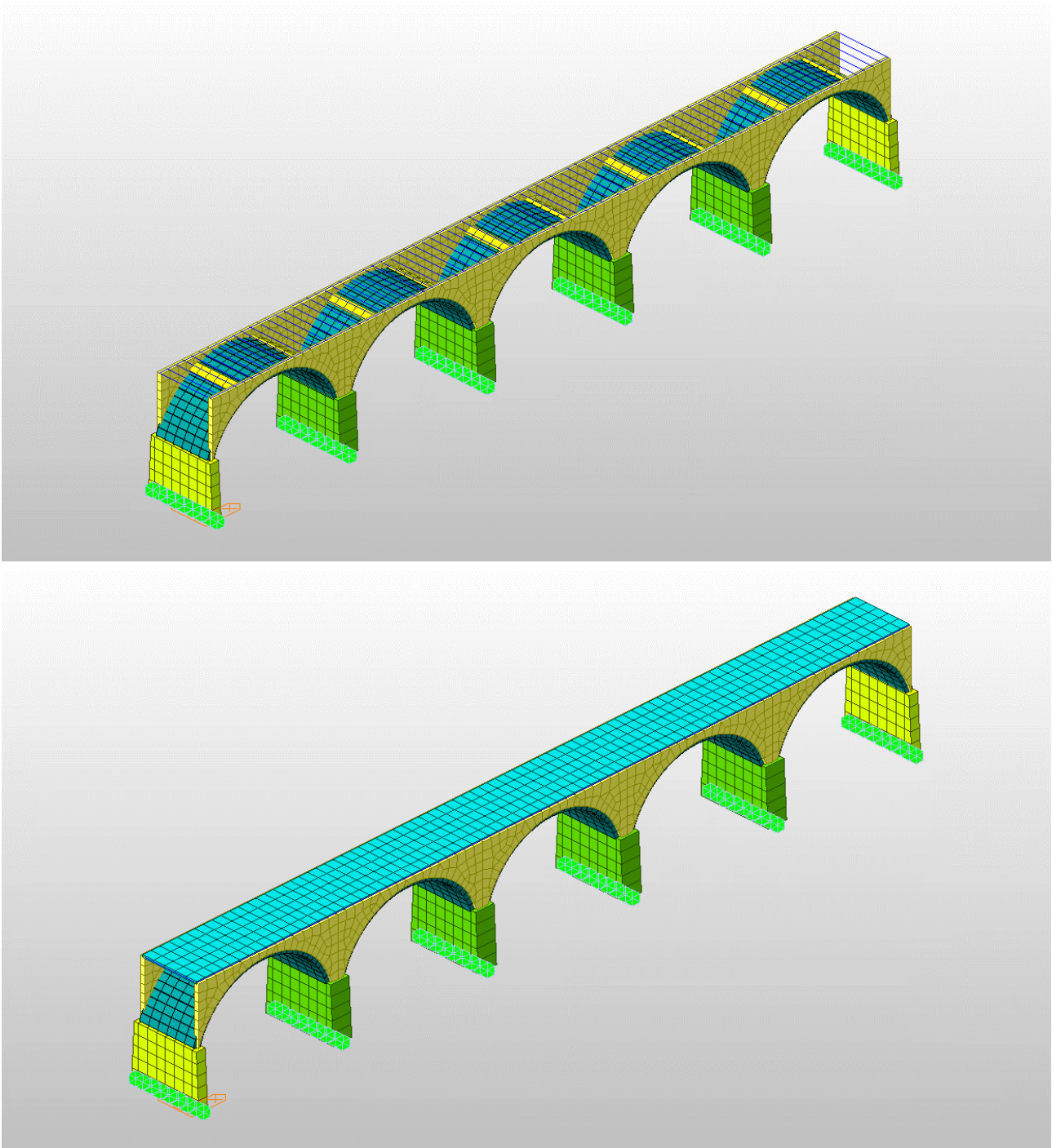


Figura 1. Modello geometrico FEM: vista prospettica 3D

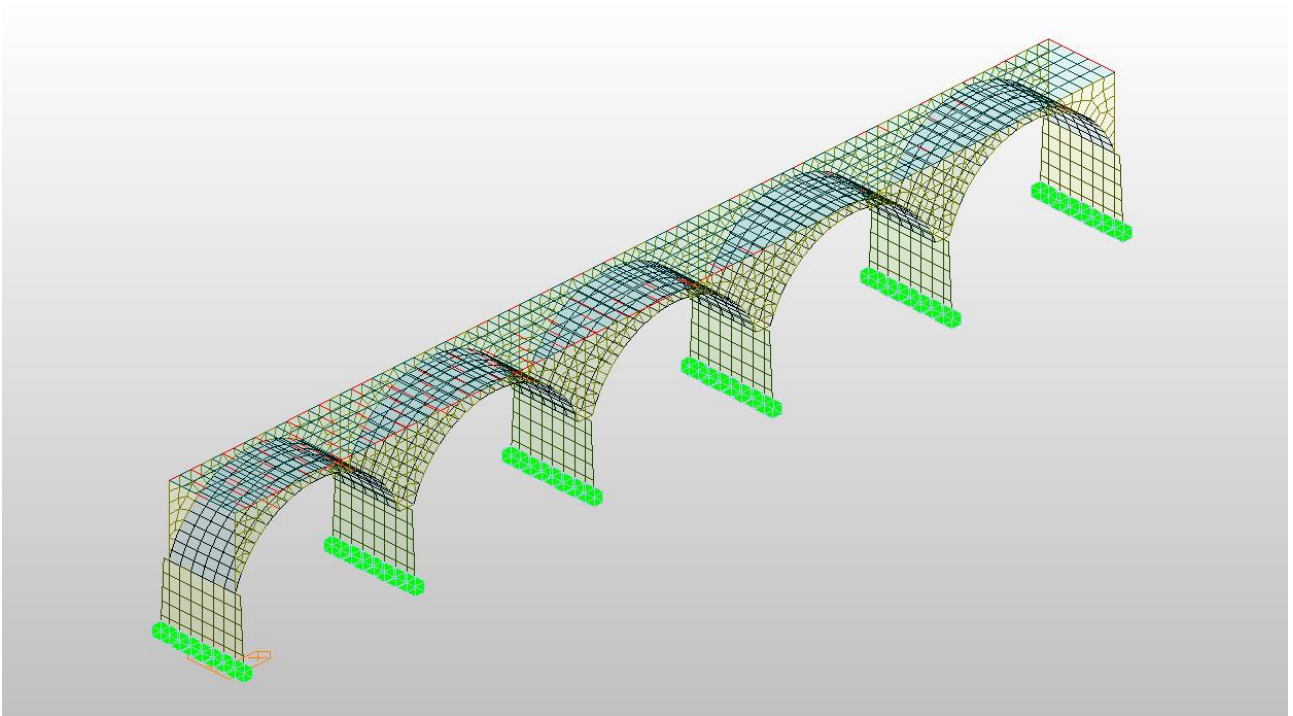
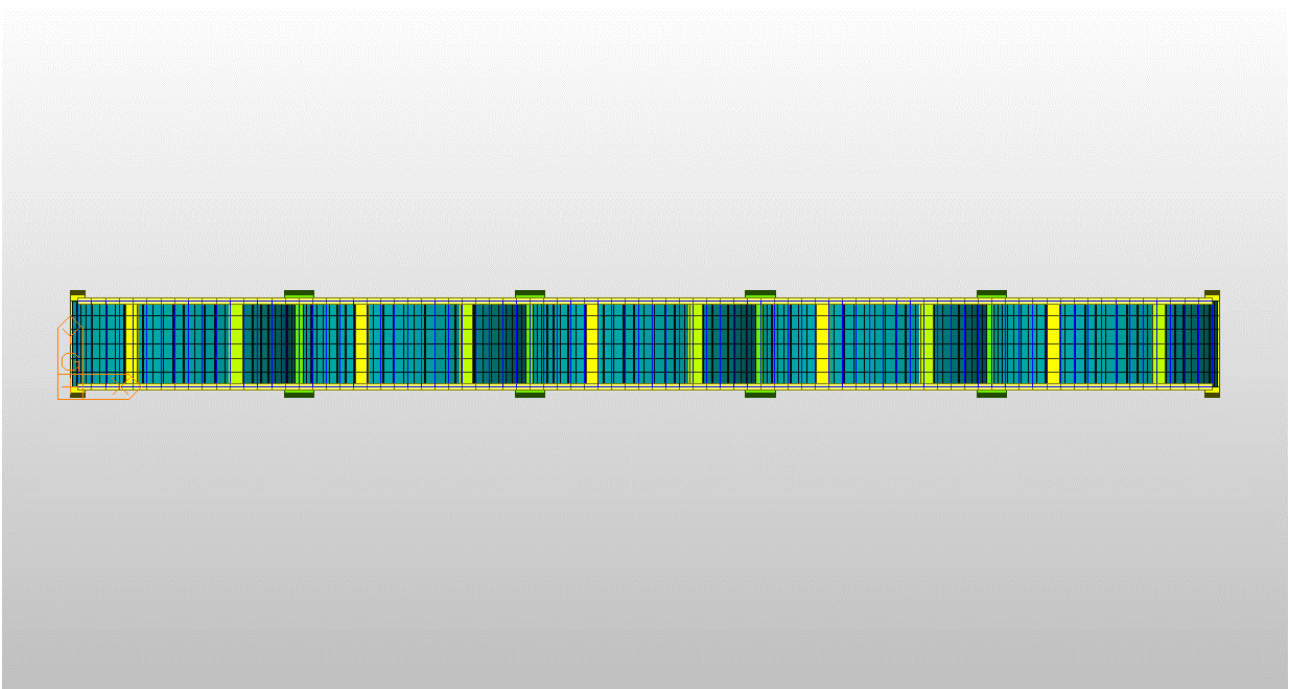


Figura 2. Modello geometrico FEM: vista prospettica 3D



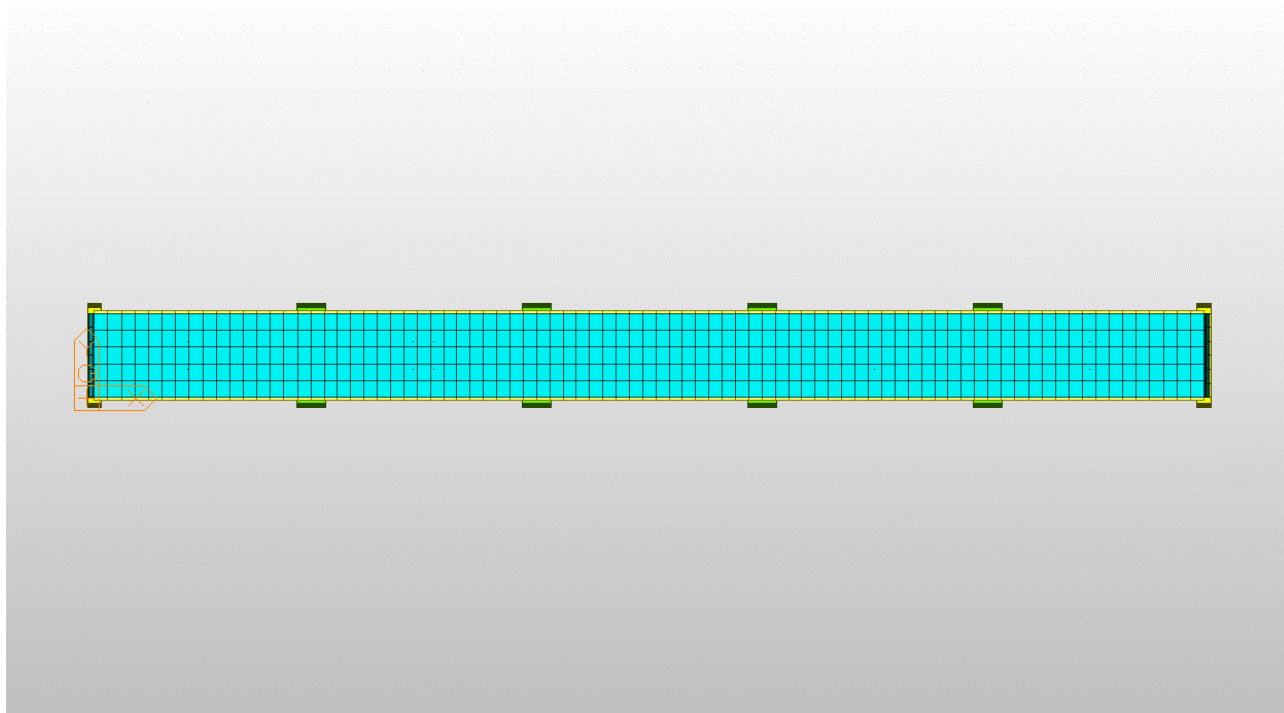


Figura 3. Modello geometrico FEM: vista in pianta

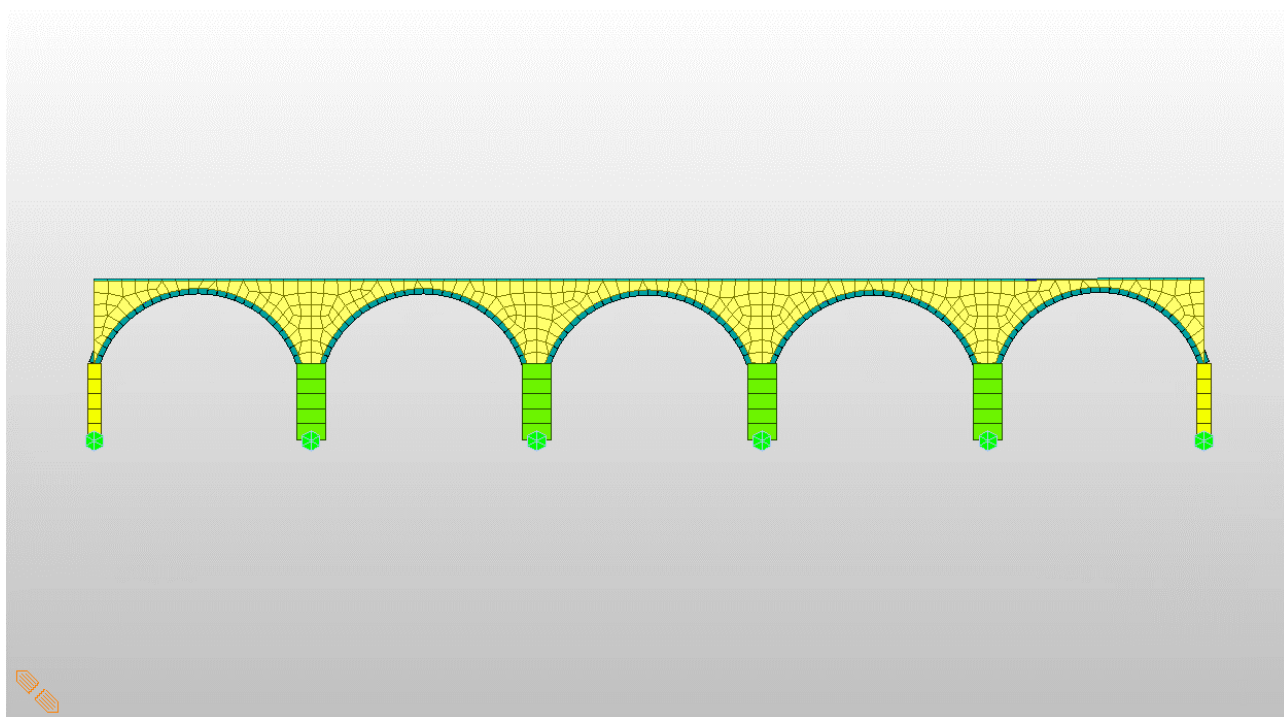


Figura 4. Modello geometrico FEM: vista prospettica

2.1 Caratteristiche strutturali.

Il ponte ha una struttura ad archi con pile in pietra e archi in c.a. l'impalcato è costituito da una soletta in c.a. poggiata sul materiale di rinfilo degli archi. In particolare la struttura, realizzata probabilmente a fine anni 40', presenta cinque arcate principali, ed ha le seguenti caratteristiche strutturali:

- impalcato di lunghezza 85.00 m, larghezza di 6.00 m circa, con 5.,5 m di carreggiata e altezza media rispetto all'alveo di 10.00 m circa.

- n° 5 arcate in calcestruzzo, con arco a tutto sesto con luce di 16.50 m,
- la singola arcata è costituita da una soletta in calcestruzzo che scarica sulle pile laterali Fondazioni: è stato ipotizzato che le fondazioni siano a pozzo, con profondità di circa 5.00 m dal piano fluviale, con appoggio sulla roccia in posto; tale tipologia era largamente impiegata nell'800.

2.2 Manutenzione straordinaria del Ponte

Alla luce dell'analisi materica, del rilievo geometrico e dei difetti riscontrati sugli elementi strutturali, attraverso ispezione visiva, al fine di ripristinare le condizioni minimali di sicurezza strutturale dei singoli elementi, si ritiene necessario provvedere ad eseguire gli interventi di rinforzo strutturale degli archi come di seguito descritti:

- rinforzo strutturale delle solette d'arco in calcestruzzo con una rete elettrosaldata ed un getto di solidarizzazione in cls. C32/40,
- rinfilanco degli archi con misto cementato,
- realizzazione di una soletta in c.a. da 25 cm con ammorsamento dei timpani.

3. CARATTERISTICHE DEI MATERIALI.

3.1 Calcestruzzo per getti in opera.

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle NTC 2018, in EN 1992-1-1, nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero nelle norme UNI EN 206-1 ed UNI 11104.

Ai fini di preservare le armature dai fenomeni di aggressione ambientale, dovrà essere previsto un idoneo copriferro; il suo valore, misurato tra la parete interna del cassero e la generatrice dell'armatura metallica più vicina, individua il cosiddetto "copriferro nominale".

Le caratteristiche meccaniche del calcestruzzo utilizzate nelle analisi strutturali e nelle verifiche sono le seguenti:

Classe : $R_{ck} = 40 \text{ N/mm}^2$ in elevazione
Modulo elastico : $E = 33642.78 \text{ N/mm}^2$
Classe : $R_{ck} = 30 \text{ N/mm}^2$ per le fondazioni
Modulo elastico : $E = 31447.20 \text{ N/mm}^2$

3.2 Acciaio per barre di armatura.

Classe : B450c
 $f_t : 540 \text{ N/mm}^2$
 $f_y : 450 \text{ N/mm}^2$
Modulo elastico : $E = 210000 \text{ N/mm}^2$

3.3 Acciaio per carpenteria.

Classe : S235
 $f_t : 360 \text{ N/mm}^2$
 $f_y : 235 \text{ N/mm}^2$
Modulo elastico : $E = 210000 \text{ N/mm}^2$

3.4 Materiali esistenti.

I rilievi e le indagini eseguite consentono di raggiungere un livello di conoscenza LC1, pertanto nella valutazione delle caratteristiche meccaniche del materiale si adotta un fattore di confidenza FC pari a 1,35. In particolare si fa riferimento ad esame visivo come meglio descritto nella relazione generale.

Valutazione della resistenza di progetto: $f_d = f_k / (\gamma_M * FC)$.

Dato che la struttura in esame è stata costruita prima dell'entrata in vigore delle NTC 2008 è stato necessario inserire altre tipologie di materiali non presenti in normativa ma utilizzati all'interno della struttura (come l'acciaio Feb32k). Per quanto riguarda la classe di calcestruzzo, si è scelto di adottare, a favore di sicurezza, una classe Rck25, e le barre di armatura lisce adottando acciaio Feb32k.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3
2	Calcestruzzo Classe RckC25			3.145e+05	0.20	1.310e+05	2.50e-03
	Fattore di confidenza FC m						
	Fattore di confidenza FC a						
	Resistenza Rc	203.6	300.0				
	Resistenza fctm		25.6				
4	Muratura in pietre a spacco con buona tessitura - Circ. n7/2019-muratura E = 1.740e+04			1.740e+04	0.0	5800.0	2.10e-03
	Fattore di confidenza FC m						
	Resistenza f	20.8	26.0				
	Resistenza fh	10.4	13.0				
	Resistenza fv0	0.8	1.1				
	Resistenza fv0h	0.8	1.1				
	Resistenza tau0	0.4	0.6				
	Resistenza fvlm	2.4	3.4				
	Resistenza fb	41.6	52.0				
	Resistenza fbh	8.3	10.4				
	Resistenza fbt	2.2	2.8				

4. ANALISI DEI CARICHI.

4.1 Peso proprio e carichi permanenti - G1.

Il peso di tutti elementi in c.a. e muratura viene computato automaticamente dal programma di calcolo. Il peso proprio del getto della soletta agisce sugli archi. Lo spessore totale medio della soletta è di 250 mm.

4.2 Carichi permanenti portati - G2.

I carichi permanenti posti in sommità degli archi sono così articolati :

Pavimentazione = 2.50 kN/mq

Barriere Guard rail = 1.50 kN/mq

Per un totale di 4.00 kN/mq

Riempimento e rinfilanchi di volte con calcestruzzo in argilla espansa = 16.00 kN/mc.

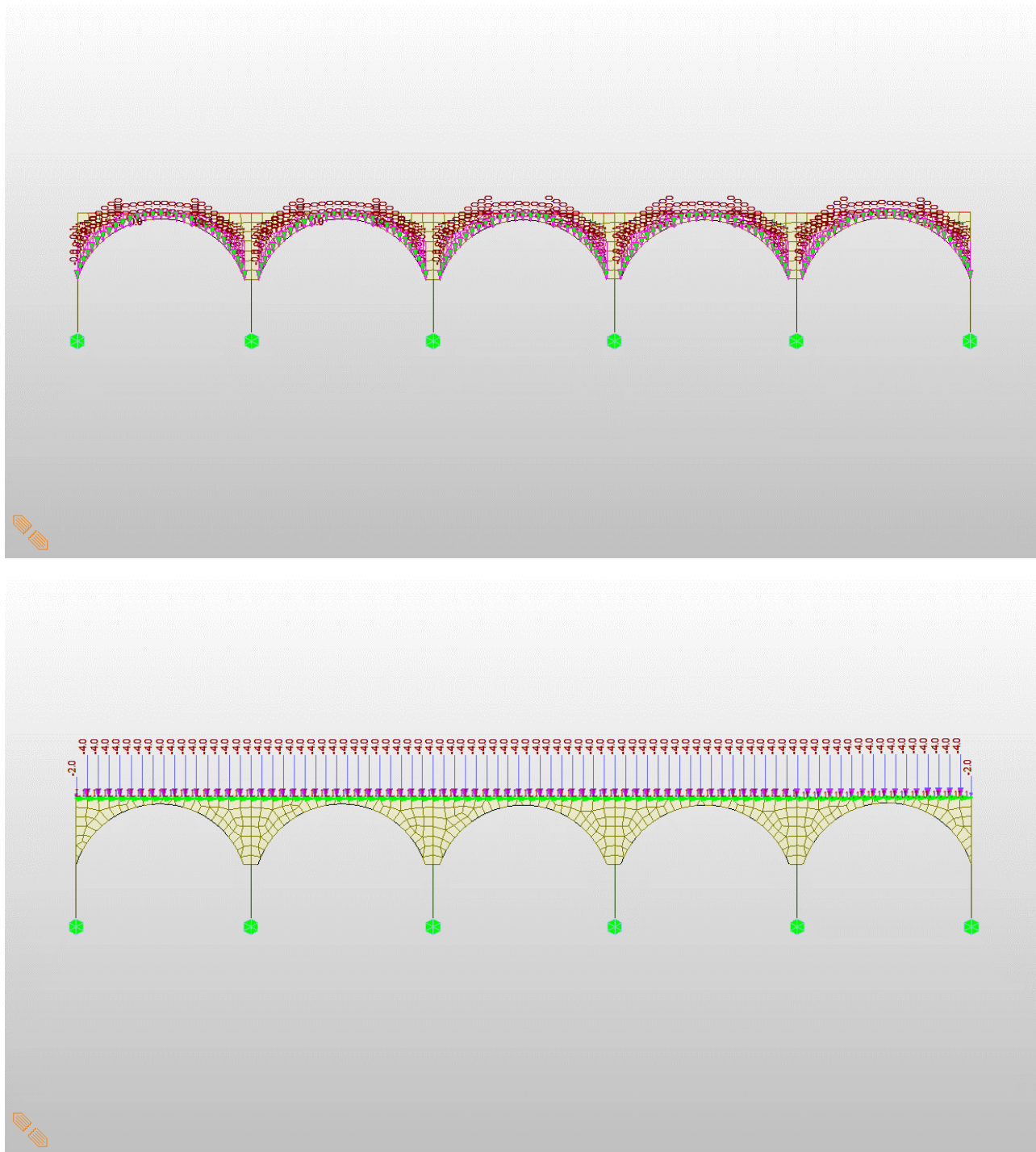


Figura 5. Carichi permanenti portati

4.3 Azione della neve - q_{5n} .

Il carico della neve sulle coperture è calcolato in relazione ai seguenti parametri:

- Zona: macro area derivante dalla suddivisione del territorio nazionale;
- Esp.: zona topografica di esposizione al vento;
- Ce: coefficiente di esposizione al vento;
- TR: periodo di ritorno di progetto espresso in anni;
- as: altitudine del sito;
- qsk: valore caratteristico del carico della neve al suolo (per $Tr = 50$ anni);

Zona	Esposizione	Ce	TR	as	qsk
I Mediterranea	Zona normale	1,00	50 anni	190 m	150,00

Si è considerata un carico neve pari :

$$q_{5.n} = 1.20 \text{ kN/mq}$$

4.4 Azioni sismiche - q6.

Per la valutazione degli effetti dell'azione sismica sulla struttura è stata condotta un'analisi modale dinamica lineare con utilizzo di spettri di risposta, in accordo con quanto prescritto dalle NTC18, partendo dallo spettro di risposta elastico di riferimento per la componente orizzontale, per la cui definizione si sono considerati i seguenti parametri:

- Sito di riferimento: Strada S.C. Fopla in località Case Contini, 43040 Varano de' Melegari Parma, Italy; Latitudine ED50 44° 40' 52"; Longitudine ED50 9° 58' 48"; Altitudine s.l.m. 220,00 m.
- VN = 50 anni
- Cu = 1.0 (classe d'uso II)
- Stato limite: SLV, SLD
- Categoria topografica: T1
- Categoria del sottosuolo: B

Le azioni verticali del sisma possono essere trascurate, in osservanza a quanto previsto dalla normativa vigente.

Spettri di risposta elastici per i diversi Stati Limite

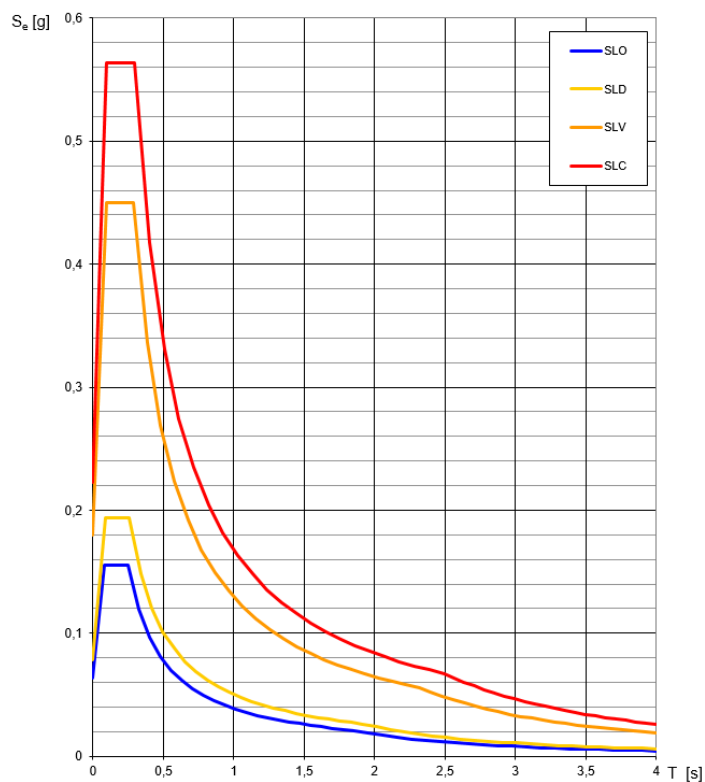


Figura 6. Spettri di risposta orizzontale

Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLV

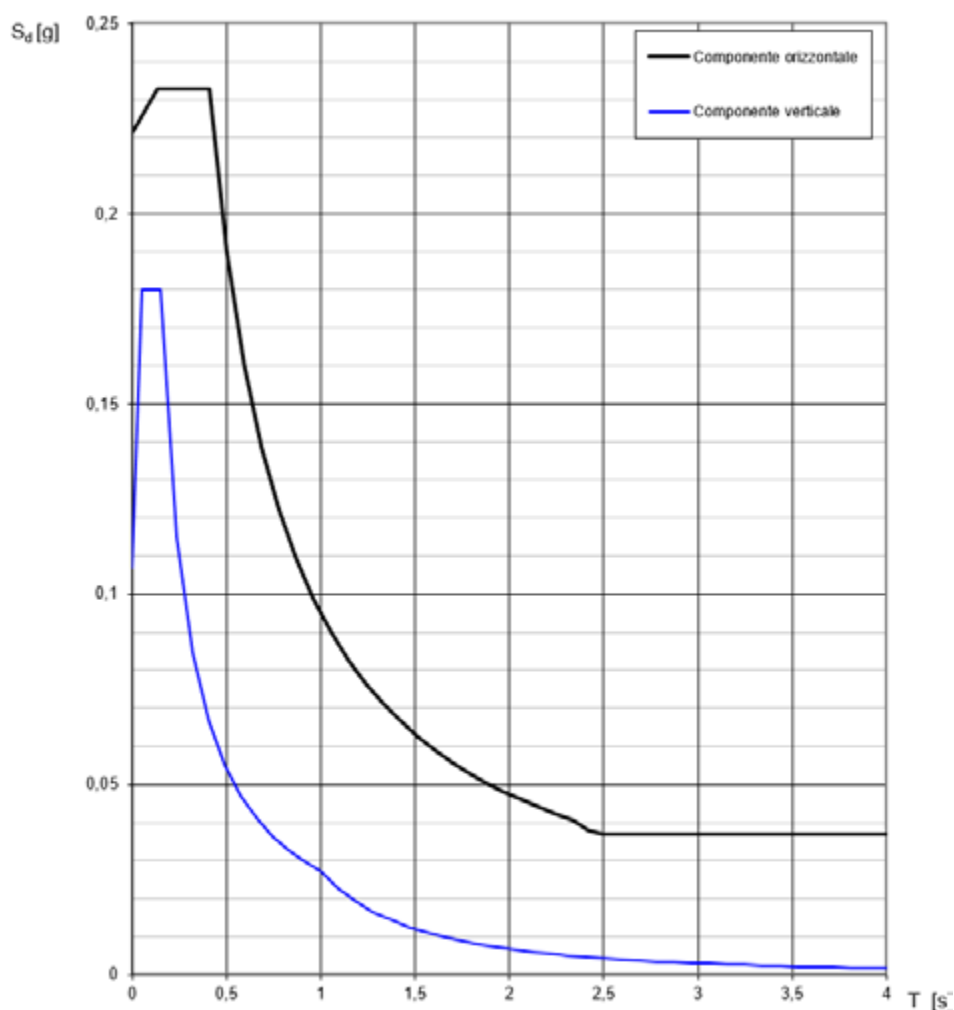


Figura 7. Spettri di risposta orizzontale e verticale per l'SLV

4.5 Folla compatta sulla carreggiata.

Viene previsto il caso in cui sull'intera carreggiata (e dunque non solo nei marciapiedi) è distribuito uniformemente un carico da folla compatta eventualmente provvisto dell'incremento dinamico.

Tale condizione di carico è particolarmente importante per ponti di terza categoria o per ponti di qualsiasi categoria ma ubicati in zone urbane.

Come nel caso relativa alla folla compatta su marciapiede, tale carico risulta pari a :

$$Q_2 = 5 \text{ kN/mq}$$

4.6 Traffico uniforme.

Viene previsto il caso in cui su tutte le corsie convenzionali e per tutto il loro sviluppo è distribuito un carico uniforme da traffico.

Tale valore del carico varia da corsia a corsia e comprenderà anche l'eventuale incremento dinamico.

In particolare si avrà :

[Corsia 1]	Q ₂ = 9.00 kN/mq
[Corsia 2]	Q ₂ = 2.50 kN/mq

4.7 Carichi accidentali (Azione Long. di Frenamento) - q3.

La forza di frenamento o di accelerazione (q3) si assume agente nella direzione dell'asse della carreggiata ed al livello della sua superficie finita.

L'intensità di tale forza è funzione del carico verticale totale agente sulla corsia convenzionale n. 1 ed è pari a

$$q3 = 0.6 \cdot (2 \cdot F1) + 0.1 \cdot Q1 \cdot L1 \cdot Lp$$

dove :

F1 è l'azione del carico tandem relativa alla corsia 1

Q1 è l'azione del carico uniformemente distribuito sulla corsia 1

L1 è la larghezza della corsia 1

Lp è la lunghezza interessata da Q1 della corsia 1

Inoltre deve essere :

Per Ponti di cat. 1 : 18000 daN \leq q3 \leq 900 kN ;

Per Ponti di cat. 2 : 14400 daN \leq q3 \leq 900 kN ;

Nel caso specifico si avrà dunque :

$$q3 = 603 \text{ kN}$$

Su ogni trave principale si considererà un'azione assiale "q3"

4.8 Azione centrifuga - q4.

Il percorso è in retto o non presenta nessun raggio di curvatura inferiore a 1500 m per cui sono assenti forze centrifughe.

4.9 Carichi accidentali (Azioni Variabili da traffico) -q1.

I carichi variabili da traffico sono disposti su corsie convenzionali. La numerazione, la larghezza e la posizione delle corsie convenzionali sono riportate nel prospetto seguente:

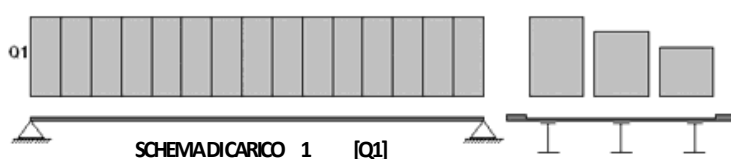
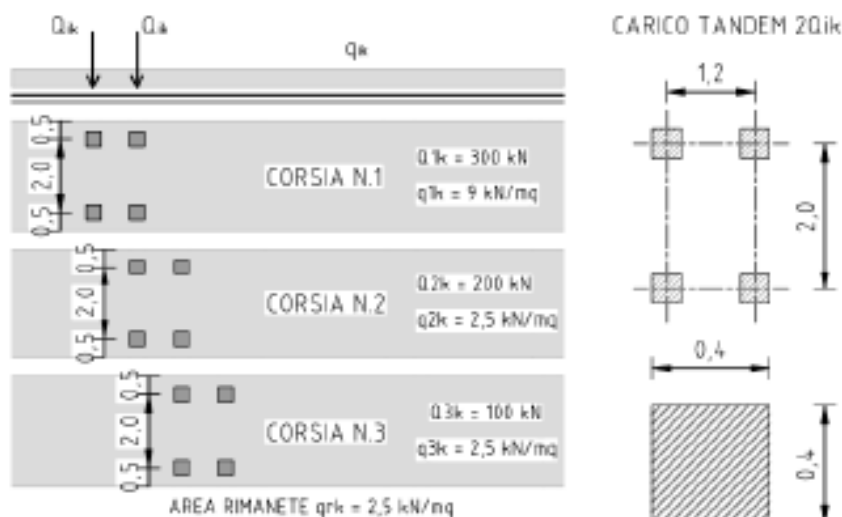
CORSIA CONVENZIONALE	POSIZIONE[mm]	LARGHEZZA[mm]
1	2500	3000
2	6000	3000

N.B.

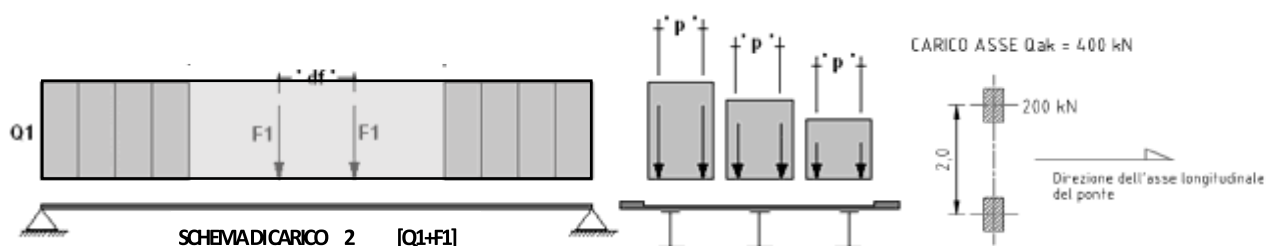
La posizione della singola corsia si intende riferita al lato estremo sinistro della sezione stradale

I carichi in oggetto verranno, inoltre, riferiti a tre schemi così come riportato nella figura generica seguente :

Lo schema 1 distribuisce il carico 'Q1' su tutta la corsia convenzionale e per tutta la campata.



Lo schema di carico 2 è uguale al precedente ma introduce una serie di coppie di forze concentrate 'F1' distanziate (lungo lo sviluppo della travata) di 'df' e (lungo la sezione trasversale) di 'p'.



Lo schema 5 distribuisce su tutti i marciapiedi e per tutta la campata il carico 'Q2'.



Le entità 'Q1' e 'F1' sono somma di un contributo statico e di uno dinamico.

La tabella seguente riporta i valori statici di 'Q1.a' e 'F1.a' in funzione della corsia convenzionale di appartenenza.

Corsia	Q1.a [daN/mq]	F1.a [daN]
Corsia conv. 1	900	30000
Corsia conv. 2	250	20000

a)



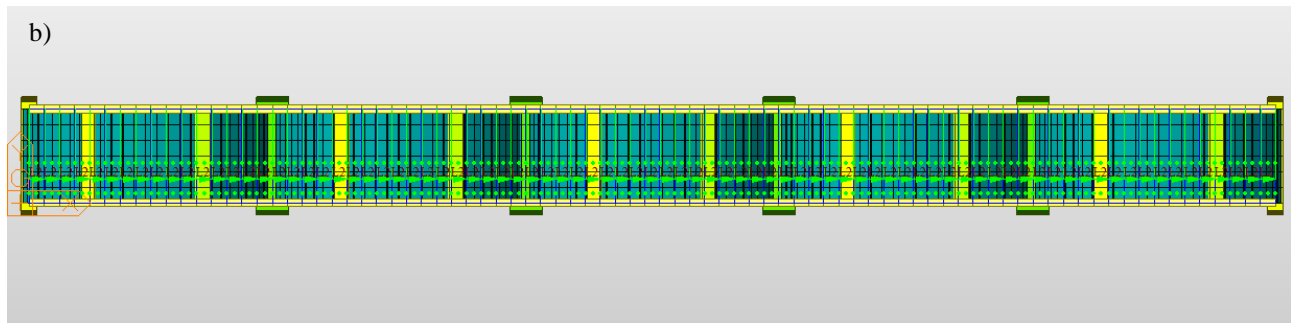


Figura 8. Corsie convenzionali per le colonne di carico da traffico a) L1 e b) L2 nel modello in Midas Civil

4.10 Spinta del terreno a tergo delle spalle.

Si tratta della spinta che il terreno a tergo della spalla esercita sulla spalla stessa: la spinta del terreno è stata valutata mediante il coefficiente di spinta attivo k_a :

$$k_a = \tan^2 \left(45 - \frac{\Phi}{2} \right)$$

Per la spinta del terrapieno si accetta usualmente l'ipotesi di Rankine e di distribuzione triangolare (con risultante orizzontale applicata a 1/3 dell'altezza H dello scatolare idraulico) pari a:

$$Sp_1 = 0.5 \cdot k_a \cdot \gamma' \cdot H^2 \cdot B$$

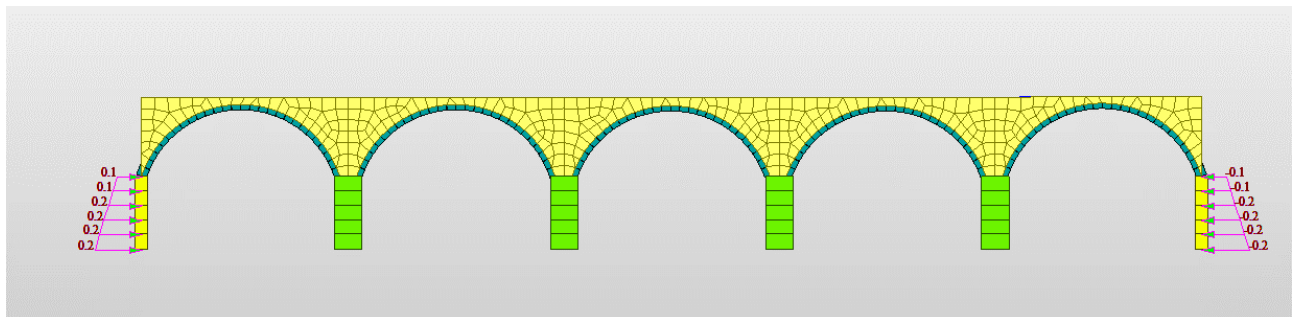


Figura 9. Carico dovuto alla spinta statica della terra agente sulle spalle

4.11 Combinazioni di carico.

Le combinazioni di carico da considerare ai fini delle verifiche devono essere stabilite in modo da garantire la sicurezza in conformità a quanto prescritto al capitolo 2 delle nuove norme tecniche NTC2018.

Per quanto riguarda gli stati limite ultimi dovremo effettuare le seguenti verifiche:

- Combinazione fondamentale

$$\gamma_{G1}G_1 + \gamma_{G2}G_2 + \gamma_{Q1}Q_{k1} + \sum_i \gamma_{Qi}\psi_{0i}Q_{ki}$$

Si arriva quindi a determinare le seguenti combinazioni di carico, con i coefficienti parziali di sicurezza γ e i coefficienti ψ ricavati rispettivamente dalle tabelle 1 e 2.

Ai fini delle verifiche degli stati limite di esercizio (fessurazione/stato tensionale) si definiscono le seguenti combinazioni:

- Frequente

$$G_1 + G_2 + \psi_{11}Q_{k1} + \sum_i \psi_{2i}Q_{ki}$$

- Quasi permanente

$$G_1 + G_2 + \psi_{21}Q_{k1} + \sum_i \psi_{2i}Q_{ki}$$

- Rara

$$G_1 + G_2 + Q_{k1} + \sum_i \psi_{0i}Q_{ki}$$

		Coefficiente	EQU ⁽¹⁾	A1 STR	A2 GEO
Carichi permanenti	favorevoli	γ_{G1}	0,90	1,00	1,00
	sfavorevoli		1,10	1,35	1,00
Carichi permanenti non strutturali ⁽²⁾	favorevoli	γ_{G2}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Carichi variabili da traffico	favorevoli	γ_Q	0,00	0,00	0,00
	sfavorevoli		1,35	1,35	1,15
Carichi variabili	favorevoli	γ_{Qi}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Distorsioni e presollecitazioni di progetto	favorevoli	$\gamma_{\epsilon 1}$	0,90	1,00	1,00
	sfavorevoli		1,00 ⁽³⁾	1,00 ⁽⁴⁾	1,00
Ritiro e viscosità, Variazioni termiche, Cedimenti vincolari	favorevoli	$\gamma_{\epsilon 2}, \gamma_{\epsilon 3}, \gamma_{\epsilon 4}$	0,00	0,00	0,00
	sfavorevoli		1,20	1,20	1,00

⁽¹⁾ Equilibrio che non coinvolga i parametri di deformabilità e resistenza del terreno; altrimenti si applicano i valori di GEO.
⁽²⁾ Nel caso in cui i carichi permanenti non strutturali (ad es. carichi permanenti portati) siano compiutamente definiti si potranno adottare gli stessi coefficienti validi per le azioni permanenti.
⁽³⁾ 1,30 per instabilità in strutture con precompressione esterna
⁽⁴⁾ 1,20 per effetti locali

Tabella 1. Coefficienti parziali di sicurezza per le combinazioni di carico agli SLU

Azioni	Gruppo di azioni (Tabella 5.1.IV)	Coefficiente ψ_0 di combinazione	Coefficiente ψ_1 (valori frequenti)	Coefficiente ψ_2 (valori quasi permanenti)
Azioni da traffico (Tabella 5.1.IV)	Schema 1 (Carichi tandem)	0,75	0,75	0,0
	Schemi 1, 5 e 6 (Carichi distribuiti)	0,40	0,40	0,0
	Schemi 3 e 4 (carichi concentrati)	0,40	0,40	0,0
	Schema 2	0,0	0,75	0,0
	2	0,0	0,0	0,0
	3	0,0	0,0	0,0
	4 (folla)	----	0,75	0,0
	5	0,0	0,0	0,0
Vento q_s	Vento a ponte scarico			
	SLU e SLE	0,6	0,2	0,0
	Esecuzione	0,8	----	0,0
Neve q_s	Vento a ponte carico	0,6		
	SLU e SLE	0,0	0,0	0,0
	esecuzione	0,8	0,6	0,5
Temperatura	T_k	0,6	0,6	0,5

Tabella 2. Coefficienti ψ le azioni variabili per ponti stradali e pedonali

Le combinazioni di carico considerate e provenienti dalle condizioni statiche e dinamiche sono le seguenti :

** CONCRETE DESIGN

NUM	NAME	ACTIVE	TYPE
		LOADCASE (FACTOR) +	LOADCASE (FACTOR) + LOADCASE (FACTOR)
1	cLCB1	Strength/Stress	Add

		St (1.350) +	MVmaxMVLMMy2307_BA (1.350) +	MVmaxMVLMMy2307_BL (1.350)
+		MVmaxMVLMMy2307_AA (1.350) +	MVmaxMVLMMy2307_AL (1.350) +	MVLnoPsi (1.350)
+		Dead Load (1.350) +	SW (1.350) +	G2 (1.500)

2	cLCB2	Strength/Stress	Add	
		St (1.000) +	MVmaxMVLMMy2307_BA (1.350) +	MVmaxMVLMMy2307_BL (1.350)
+		MVmaxMVLMMy2307_AA (1.350) +	MVmaxMVLMMy2307_AL (1.350) +	MVLnoPsi (1.350)
+		Dead Load (1.000) +	SW (1.000) +	G2 (1.000)

3	cLCB3	Strength/Stress	Add	
		St (1.350) +	Snow (1.500) +	Dead Load (1.350)
+		SW (1.350) +	G2 (1.500)	

4	cLCB4	Strength/Stress	Add	
		St (1.000) +	Snow (1.500) +	Dead Load (1.000)
+		SW (1.000) +	G2 (1.000)	

5	cLCB5	Strength/Stress	Add	
		St (1.350) +	Dead Load (1.350) +	SW (1.350)
+		G2 (1.500)		

6	cLCB6	Strength/Stress	Add	
		St (1.000) +	Dead Load (1.000) +	SW (1.000)
+		G2 (1.000)		

7	SLV_1	Strength/Stress	Add	
		St (1.000) +	SLV_BT1_x (1.000) +	SLV_BT1_y (0.300)
+		Dead Load (1.000) +	SW (1.000) +	G2 (1.000)

8	SLV_2	Strength/Stress	Add	
		St (1.000) +	SLV_BT1_x (1.000) +	SLV_BT1_y (-0.300)
+		Dead Load (1.000) +	SW (1.000) +	G2 (1.000)

9	SLV_3	Strength/Stress	Add	
		St (1.000) +	SIV_BT1_x (1.000) +	SIV_BT1_y (0.300)
+		Dead Load (1.000) +	SW (1.000) +	G2 (1.000)

10	SLV_4	Strength/Stress	Add	
		St (1.000) +	SLV_BT1_x (1.000) +	SLV_BT1_y (-0.300)
+		Dead Load (1.000) +	SW (1.000) +	G2 (1.000)

```

-----
11  SLV_5      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
12  SLV_6      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
13  SLV_7      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
14  SLV_8      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
15  SLV_9      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 0.300) +          SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
16  SLV_10     Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-0.300) +          SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
17  SLV_11     Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 0.300) +          SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
18  SLV_12     Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-0.300) +          SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
19  SLV_13     Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 0.300) +          SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
20  SLV_14     Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-0.300) +          SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
21  SLV_15      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 0.300) +          SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
22  SLV_16      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-0.300) +          SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
23  SLD_1      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
24  SLD_2      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
25  SLD_3      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
26  SLD_4      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x( 1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
27  SLD_5      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
28  SLD_6      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
29  SLD_7      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y( 0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
30  SLD_8      Strength/Stress  Add
      St( 1.000) +          SLV_BT1_x(-1.000) +          SLV_BT1_y(-0.300)
+      Dead Load( 1.000) +          SW( 1.000) +          G2( 1.000)
-----

```

```

-----
31  SLD_9      Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x( 0.300) +      SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
32  SLD_10     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x(-0.300) +      SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
33  SLD_11     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x( 0.300) +      SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
34  SLD_12     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x(-0.300) +      SLV_BT1_y( 1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
35  SLD_13     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x( 0.300) +      SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
36  SLD_14     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x(-0.300) +      SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
37  SLD_15     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x( 0.300) +      SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
38  SLD_16     Strength/Stress  Add
      St( 1.000) +      SLV_BT1_x(-0.300) +      SLV_BT1_y(-1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
39  cLCB7      Serviceability  Add
      St( 1.000) +      MVmaxMVLMY2307_BA( 1.000) +      MVmaxMVLMY2307_BL( 1.000)
+      MVmaxMVLMY2307_AA( 1.000) +      MVmaxMVLMY2307_AL( 1.000) +      MVLnoPsi( 1.000)
+      Dead Load( 1.000) +      SW( 1.000) +      G2( 1.000)
-----

```

```

-----
40  cLCB8      Serviceability  Add
      St( 1.000) +      Snow( 1.000) +      Dead Load( 1.000)
-----

```


+ SW (1.000) + G2 (1.000)			

41	cLCB9	Serviceability	Add
		St (1.000) +	MVmaxMVLMMy2307_BA (1.000) + MVmaxMVLMMy2307_BL (1.000)
		+ MVmaxMVLMMy2307_AA (1.000) +	MVmaxMVLMMy2307_AL (1.000) + MVL (1.000)
		+ Dead Load (1.000) +	SW (1.000) + G2 (1.000)

42	cLCB10	Serviceability	Add
		St (1.000) +	Dead Load (1.000) + SW (1.000)
		+ G2 (1.000)	

43	SLUenv	Strength/Stress	Envelope
		cLCB1 (1.000) +	cLCB2 (1.000) + cLCB3 (1.000)
		+ cLCB4 (1.000) +	cLCB5 (1.000) + cLCB6 (1.000)

44	SLVenv	Strength/Stress	Envelope
		SLV_1 (1.000) +	SLV_2 (1.000) + SLV_3 (1.000)
		+ SLV_4 (1.000) +	SLV_5 (1.000) + SLV_6 (1.000)
		+ SLV_7 (1.000) +	SLV_8 (1.000) + SLV_9 (1.000)
		+ SLV_10 (1.000) +	SLV_11 (1.000) + SLV_12 (1.000)
		+ SLV_13 (1.000) +	SLV_14 (1.000) + SLV_15 (1.000)
		+ SLV_16 (1.000)	

45	SLDenv	Strength/Stress	Envelope
		SLD_1 (1.000) +	SLD_2 (1.000) + SLD_3 (1.000)
		+ SLD_4 (1.000) +	SLD_5 (1.000) + SLD_6 (1.000)
		+ SLD_7 (1.000) +	SLD_8 (1.000) + SLD_9 (1.000)
		+ SLD_10 (1.000) +	SLD_11 (1.000) + SLD_12 (1.000)
		+ SLD_13 (1.000) +	SLD_14 (1.000) + SLD_15 (1.000)
		+ SLD_16 (1.000)	

46	SLSenv	Strength/Stress	Envelope
		cLCB7 (1.000) +	cLCB8 (1.000) + cLCB9 (1.000)
		+ cLCB10 (1.000)	

5. MODELLO AD ELEMENTI FINITI.

5.1 Dati generali di input.

Il solutore utilizzato è MIDAS/Civil Version 9.1.0 prodotto da MIDAS Information Technology Co.,Ltd ed è concesso in licenza al responsabile dei calcoli.

L'analisi numerica della struttura è stata condotta attraverso l'utilizzo del metodo degli Elementi Finiti ipotizzando un comportamento elastico-lineare. Si sostituisce, così, il modello continuo della struttura con un modello discreto equivalente e si approssima la funzione di spostamento con polinomio algebrico, definito in regioni (dette appunto elementi finiti), che sono delle funzioni interpolanti il valore di spostamento definito in punti discreti (detti nodi).

La struttura viene definita utilizzando una terna di assi cartesiani formanti un sistema di riferimento levogiro, unico per tutti gli elementi e chiamato "Globale". Localmente esiste un'ulteriore sistema di riferimento, detto appunto "Locale", utile alla definizione delle caratteristiche di rigidità dei singoli elementi.

I due sistemi di riferimento sono correlati da una matrice, detta di rotazione.

Si definiscono NODI delle entità geometriche determinate tramite solo le tre coordinate nel riferimento globale. I nodi, nello spazio tridimensionale, posseggono tre gradi di libertà traslazionali e tre rotazionali. Essi sono posizionati in modo da definire gli estremi degli elementi finiti e, di regola, in ogni discontinuità strutturale, di carico, di caratteristiche meccaniche, di campo di spostamento.

I GRADI DI LIBERTÀ possono essere vincolati, bloccando il cinematismo nella direzione voluta o assegnando "molle" applicate ai nodi tramite valori di rigidità finiti. Un vincolo assegna a priori un valore di spostamento nullo, e quindi la variabile corrispondente viene eliminata.

I VINCOLI INTERNI servono a definire le modalità di trasmissione degli sforzi dall'elemento finito ai nodi. Ciò viene associato al concetto di trasferimento della rigidità. Generalmente l'elemento considerato è rigidamente connesso ai nodi che lo definiscono, in modo da bloccare tutti i gradi di libertà relativi. E' possibile, comunque "rilasciare" le caratteristiche delle sollecitazioni, in modo da svincolare i gradi di libertà corrispondenti. Nel caso particolare, il modello utilizzato consente di svincolare le tre rotazioni intorno agli assi locali dell'asta.

Le ASTE sono elementi finiti monodimensionali ad asse rettilineo delimitate da due nodi (i nodi di estremità). Per questi elementi generalmente la funzione interpolante è quella del modello analitico per cui la mesh non influisce sensibilmente sulla convergenza. Le aste sono dotate di rigidità assiale, flessionale, e a taglio, secondo il modello classico della trave inflessa di Eulero- Bernoulli. Alla singola asta è possibile associare una sezione costante per tutta la sua lunghezza.

Per la risoluzione statica della struttura, tutti i carichi applicati agli elementi vengono trasferiti ai nodi. Ciò avviene in automatico per il peso delle aste, delle piastre, delle pareti, dei pannelli di carico presenti sulle aste e per la distribuzione di carico applicate agli elementi bidimensionali. Il modello di calcolo consente anche l'introduzione di forze e coppie ai nodi. Le forze sono dirette lungo le tre direzioni del sistema di riferimento globale ed in entrambi i versi per ogni direzione.

Le coppie concentrate sono riferite ai tre assi del riferimento globale, in entrambi i versi di rotazione di ciascun asse.

Il modello di calcolo consente anche l'introduzione di carichi ripartiti sulle aste. I carichi ripartiti sulle aste possono essere riferite sia al riferimento globale, sia al riferimento locale, lungo le tre direzioni ed in entrambe i versi. E' possibile anche introdurre carichi distribuiti torcenti agenti intorno all'asse dell'asta ed in entrambe i versi di rotazione. Tutti i tipi di carico ripartito devono avere forma trapezia. Sugli elementi bidimensionali, che fanno parte della mesh di piastre e pareti, è possibile assegnare una distribuzione uniforme, avente le caratteristiche di una pressione diretta ortogonalmente all'elemento.

Le sezioni assegnabili alle aste sono definite attraverso le caratteristiche geometrico-elastiche, i moduli di resistenza plastici ed il tipo di materiale.

Si definiscono PLATE elementi bidimensionali a 4 nodi.

La struttura è, dunque, individuata da nodi riportati in coordinate.

Ogni nodo possiede sei gradi di libertà, associati alle sei possibili deformazioni.

I gradi di libertà possono esser liberi, bloccati o soggetti a connessione master slave, ovvero vincolati agli stessi spostamenti e/o rotazioni di altri nodi.

Gli assi di riferimento sono i seguenti :

sistema globale

asse X - longitudinale alla direzione delle travate principali

asse Y - trasversale alla direzione delle travate principali

asse Z - verticale

sistema locale

ogni asta presenta un sistema di riferimento locale

asse X - longitudinale dell'asta

asse Y - per gli elementi dell'impalcato è l'asse orizzontale

asse Z - per gli elementi dell'impalcato è l'asse verticale

I materiali sono individuati da un codice specifico e descritti dal modulo di elasticità, dal coefficiente di Poisson, dal peso specifico, dal coefficiente di dilatazione sismica.

I carichi in campata sono individuati da un codice numerico, da un tipo e da una descrizione.

Sono previsti carichi distribuiti trapezoidali riferiti agli assi globali (fX,fY,fZ,fV) e locali (fx,fy,fz), forze concentrate riferite agli assi globali (FX,FY,FZ,FV) o locali (Fx,Fy,Fz), momenti concentrati riferiti agli assi locali (Mx,My,Mz), momento torcente distribuito riferito all'asse locale x (mx), carichi termici (tx,ty,tz), descritti con i relativi parametri identificativi, aliquote inerziali comprese, rispetto al riferimento locale.

5.2 Risultati delle analisi statiche e dinamiche lineari.

Il calcolo è stato effettuato per il modello allo stato di fatto (pre interventi) e allo stato di progetto (post interventi). Lo studio dello stato di fatto è stato funzionale per la progettazione degli interventi.

In tutti i nodi non bloccati vengono, riportati gli spostamenti e le rotazioni, nonché, i valori massimi delle deformazioni.

5.3 Descrizione del modello ad elementi finiti.

Il ponte è stato simulato con un modello tridimensionale formato da 5 arcate. La modellazione della struttura del ponte è costituita da due elementi:

- Elementi "plate" per modellare le spalle, le pile, gli archi, la soletta nuova in c.a. e i timpani (elemento dotato di rigidità nel piano e rigidità rotazionale lungo la direzione verticale);
- Elementi "beam" per modellare le travi rettangolari di rinforzo agli archi e i traversi fittizi per simulare la soletta di impalcato e la distribuzione dei carichi mobili.

6. CARATTERISTICHE GEOMETRICHE E MECCANICHE DELLE SEZIONI.

Nella seguente tabella vengono riportate le caratteristiche geometriche e meccaniche delle sezioni tipiche degli elementi analizzati nel modello FEM:

- ID : numerazione della sezione
- Forma : tipologia forma della sezione
- Nome : nome assegnato alla sezione
- Area : area della sezione
- Asy : area della sezione resistente al taglio in direzione Y
- Asz : area della sezione resistente al taglio in direzione Z
- Ixx : inerzia torsionale
- Iyy : momento d'inerzia rispetto all'asse Y
- Izz : momento d'inerzia rispetto all'asse Z
- Yg : distanza tra l'estradosso dell'ala inf. ed il baricentro della sezione.

ID	Forma	Nome	Area [mm ²]	Asy [mm ²]	Asz [mm ²]	Ixx [mm ⁴]	Iyy [mm ⁴]	Izz [mm ⁴]	Yg [mm]
1	SB	TR_60x100	600000.0	500000.0	500000.0	45077932800.0	18000000000.0	50000000000.0	300.0
2	SR	Dummy	78.54	70.68	70.68	981.75	490.87	490.87	5.00
3	SB	Transverse deck 1	263225.0	219354.0	219354.0	3633650000.0	1022470000.0	32605900000.0	108.0

7. DATI PER L'ANALISI.

Le analisi eseguite sulla struttura in oggetto sono state condotte mediante apposito modello matematico bidimensionale agli elementi finiti esteso all'intero impalcato con l'esclusione delle opere di sostegno e quindi vincolato esternamente in corrispondenza degli apparecchi di appoggio.

Si tratta, dunque, di un modello plate ad arcate, studiato per riprodurre in modo adeguato la geometria dell'intero ponte, caratterizzando ciascun componente strutturale con l'esatta geometria e con le sue caratteristiche meccaniche, riportate nei paragrafi precedenti.

7.1 MODELLAZIONE DELLA STRUTTURA.

In questa fase il modello è complessivamente composto da 2087 elementi tipo 'plate', 646 elementi tipo 'beam' e da 2177 nodi.

7.2 Nodi della struttura.

Nella tabella seguente sono riportate le caratteristiche dei nodi del modello di riferimento ed in modo particolare si sono elencati :

X,Y,Z : coordinate del nodo riferite al sistema globale;

*** NODE DATA

NO	X	Y	Z	TEMPERATURE
1	0.6	-0.775	0	0
2	16.41	-0.775	0	0
3	32.89	-0.775	0	0
4	49.34	-0.775	0	0
5	65.84	-0.775	0	0
6	81.6	-0.775	0	0
7	0.6	0	0	0
8	16.41	0	0	0
9	32.89	0	0	0
10	49.34	0	0	0
11	65.84	0	0	0
12	81.6	0	0	0
13	0.6	1.017	0	0
14	16.41	1.017	0	0
15	32.89	1.017	0	0
16	49.34	1.017	0	0
17	65.84	1.017	0	0
18	81.6	1.017	0	0
19	0.6	2.034	0	0
20	16.41	2.034	0	0
21	32.89	2.034	0	0
22	49.34	2.034	0	0
23	65.84	2.034	0	0
24	81.6	2.034	0	0
25	0.6	3.051	0	0
26	16.41	3.051	0	0
27	32.89	3.051	0	0
28	49.34	3.051	0	0
29	65.84	3.051	0	0
30	81.6	3.051	0	0
31	0.6	4.068	0	0
32	16.41	4.068	0	0
33	32.89	4.068	0	0
34	49.34	4.068	0	0
35	65.84	4.068	0	0
36	81.6	4.068	0	0
37	0.6	5.085	0	0
38	16.41	5.085	0	0
39	32.89	5.085	0	0
40	49.34	5.085	0	0
41	65.84	5.085	0	0
42	81.6	5.085	0	0
43	0.6	6.102	0	0
44	16.41	6.102	0	0
45	32.89	6.102	0	0
46	49.34	6.102	0	0
47	65.84	6.102	0	0
48	81.6	6.102	0	0
49	0.6	6.875	0	0
50	16.41	6.875	0	0
51	32.89	6.875	0	0
52	49.34	6.875	0	0
53	65.84	6.875	0	0

54	81.6	6.875	0	0
55	0.6	-0.7118	1.175	0
56	16.41	-0.7118	1.175	0
57	32.89	-0.7118	1.175	0
58	49.34	-0.7118	1.175	0
59	65.84	-0.7118	1.175	0
60	81.6	-0.7118	1.175	0
61	0.6	0	1.175	0
62	16.41	0	1.175	0
63	32.89	0	1.175	0
64	49.34	0	1.175	0
65	65.84	0	1.175	0
66	81.6	0	1.175	0
67	0.6	1.017	1.175	0
68	16.41	1.017	1.175	0
69	32.89	1.017	1.175	0
70	49.34	1.017	1.175	0
71	65.84	1.017	1.175	0
72	81.6	1.017	1.175	0
73	0.6	2.034	1.175	0
74	16.41	2.034	1.175	0
75	32.89	2.034	1.175	0
76	49.34	2.034	1.175	0
77	65.84	2.034	1.175	0
78	81.6	2.034	1.175	0
79	0.6	3.051	1.175	0
80	16.41	3.051	1.175	0
81	32.89	3.051	1.175	0
82	49.34	3.051	1.175	0
83	65.84	3.051	1.175	0
84	81.6	3.051	1.175	0
85	0.6	4.068	1.175	0
86	16.41	4.068	1.175	0
87	32.89	4.068	1.175	0
88	49.34	4.068	1.175	0
89	65.84	4.068	1.175	0
90	81.6	4.068	1.175	0
91	0.6	5.085	1.175	0
92	16.41	5.085	1.175	0
93	32.89	5.085	1.175	0
94	49.34	5.085	1.175	0
95	65.84	5.085	1.175	0
96	81.6	5.085	1.175	0
97	0.6	6.102	1.175	0
98	16.41	6.102	1.175	0
99	32.89	6.102	1.175	0
100	49.34	6.102	1.175	0
101	65.84	6.102	1.175	0
102	81.6	6.102	1.175	0
103	0.6	6.812	1.175	0
104	16.41	6.812	1.175	0
105	32.89	6.812	1.175	0
106	49.34	6.812	1.175	0
107	65.84	6.812	1.175	0
108	81.6	6.812	1.175	0
109	0.6	-0.6526	2.275	0
110	16.41	-0.6526	2.275	0
111	32.89	-0.6526	2.275	0
112	49.34	-0.6526	2.275	0
113	65.84	-0.6526	2.275	0
114	81.6	-0.6526	2.275	0
115	0.6	0	2.275	0
116	16.41	0	2.275	0
117	32.89	0	2.275	0
118	49.34	0	2.275	0
119	65.84	0	2.275	0
120	81.6	0	2.275	0

121	0.6	1.017	2.275	0
122	16.41	1.017	2.275	0
123	32.89	1.017	2.275	0
124	49.34	1.017	2.275	0
125	65.84	1.017	2.275	0
126	81.6	1.017	2.275	0
127	0.6	2.034	2.275	0
128	16.41	2.034	2.275	0
129	32.89	2.034	2.275	0
130	49.34	2.034	2.275	0
131	65.84	2.034	2.275	0
132	81.6	2.034	2.275	0
133	0.6	3.051	2.275	0
134	16.41	3.051	2.275	0
135	32.89	3.051	2.275	0
136	49.34	3.051	2.275	0
137	65.84	3.051	2.275	0
138	81.6	3.051	2.275	0
139	0.6	4.068	2.275	0
140	16.41	4.068	2.275	0
141	32.89	4.068	2.275	0
142	49.34	4.068	2.275	0
143	65.84	4.068	2.275	0
144	81.6	4.068	2.275	0
145	0.6	5.085	2.275	0
146	16.41	5.085	2.275	0
147	32.89	5.085	2.275	0
148	49.34	5.085	2.275	0
149	65.84	5.085	2.275	0
150	81.6	5.085	2.275	0
151	0.6	6.102	2.275	0
152	16.41	6.102	2.275	0
153	32.89	6.102	2.275	0
154	49.34	6.102	2.275	0
155	65.84	6.102	2.275	0
156	81.6	6.102	2.275	0
157	0.6	6.753	2.275	0
158	16.41	6.753	2.275	0
159	32.89	6.753	2.275	0
160	49.34	6.753	2.275	0
161	65.84	6.753	2.275	0
162	81.6	6.753	2.275	0
163	0.6	-0.5934	3.375	0
164	16.41	-0.5934	3.375	0
165	32.89	-0.5934	3.375	0
166	49.34	-0.5934	3.375	0
167	65.84	-0.5934	3.375	0
168	81.6	-0.5934	3.375	0
169	0.6	0	3.375	0
170	16.41	0	3.375	0
171	32.89	0	3.375	0
172	49.34	0	3.375	0
173	65.84	0	3.375	0
174	81.6	0	3.375	0
175	0.6	1.017	3.375	0
176	16.41	1.017	3.375	0
177	32.89	1.017	3.375	0
178	49.34	1.017	3.375	0
179	65.84	1.017	3.375	0
180	81.6	1.017	3.375	0
181	0.6	2.034	3.375	0
182	16.41	2.034	3.375	0
183	32.89	2.034	3.375	0
184	49.34	2.034	3.375	0
185	65.84	2.034	3.375	0
186	81.6	2.034	3.375	0
187	0.6	3.051	3.375	0

188	16.41	3.051	3.375	0
189	32.89	3.051	3.375	0
190	49.34	3.051	3.375	0
191	65.84	3.051	3.375	0
192	81.6	3.051	3.375	0
193	0.6	4.068	3.375	0
194	16.41	4.068	3.375	0
195	32.89	4.068	3.375	0
196	49.34	4.068	3.375	0
197	65.84	4.068	3.375	0
198	81.6	4.068	3.375	0
199	0.6	5.085	3.375	0
200	16.41	5.085	3.375	0
201	32.89	5.085	3.375	0
202	49.34	5.085	3.375	0
203	65.84	5.085	3.375	0
204	81.6	5.085	3.375	0
205	0.6	6.102	3.375	0
206	16.41	6.102	3.375	0
207	32.89	6.102	3.375	0
208	49.34	6.102	3.375	0
209	65.84	6.102	3.375	0
210	81.6	6.102	3.375	0
211	0.6	6.693	3.375	0
212	16.41	6.693	3.375	0
213	32.89	6.693	3.375	0
214	49.34	6.693	3.375	0
215	65.84	6.693	3.375	0
216	81.6	6.693	3.375	0
217	0.6	-0.5342	4.475	0
218	16.41	-0.5342	4.475	0
219	32.89	-0.5342	4.475	0
220	49.34	-0.5342	4.475	0
221	65.84	-0.5342	4.475	0
222	81.6	-0.5342	4.475	0
223	0.6	0	4.475	0
224	16.41	0	4.475	0
225	32.89	0	4.475	0
226	49.34	0	4.475	0
227	65.84	0	4.475	0
228	81.6	0	4.475	0
229	0.6	1.017	4.475	0
230	16.41	1.017	4.475	0
231	32.89	1.017	4.475	0
232	49.34	1.017	4.475	0
233	65.84	1.017	4.475	0
234	81.6	1.017	4.475	0
235	0.6	2.034	4.475	0
236	16.41	2.034	4.475	0
237	32.89	2.034	4.475	0
238	49.34	2.034	4.475	0
239	65.84	2.034	4.475	0
240	81.6	2.034	4.475	0
241	0.6	3.051	4.475	0
242	16.41	3.051	4.475	0
243	32.89	3.051	4.475	0
244	49.34	3.051	4.475	0
245	65.84	3.051	4.475	0
246	81.6	3.051	4.475	0
247	0.6	4.068	4.475	0
248	16.41	4.068	4.475	0
249	32.89	4.068	4.475	0
250	49.34	4.068	4.475	0
251	65.84	4.068	4.475	0
252	81.6	4.068	4.475	0
253	0.6	5.085	4.475	0
254	16.41	5.085	4.475	0

255	32.89	5.085	4.475	0
256	49.34	5.085	4.475	0
257	65.84	5.085	4.475	0
258	81.6	5.085	4.475	0
259	0.6	6.102	4.475	0
260	16.41	6.102	4.475	0
261	32.89	6.102	4.475	0
262	49.34	6.102	4.475	0
263	65.84	6.102	4.475	0
264	81.6	6.102	4.475	0
265	0.6	6.634	4.475	0
266	16.41	6.634	4.475	0
267	32.89	6.634	4.475	0
268	49.34	6.634	4.475	0
269	65.84	6.634	4.475	0
270	81.6	6.634	4.475	0
271	0.6	-0.475	5.575	0
272	16.41	-0.475	5.575	0
273	32.89	-0.475	5.575	0
274	49.34	-0.475	5.575	0
275	65.84	-0.475	5.575	0
276	81.6	-0.475	5.575	0
277	0.6	0	5.575	0
278	15.75	0	5.575	0
279	16.41	0	5.575	0
280	17.05	0	5.575	0
281	32.2	0	5.575	0
282	32.89	0	5.575	0
283	33.5	0	5.575	0
284	49.34	0	5.575	0
285	65.84	0	5.575	0
286	81.6	0	5.575	0
287	0.6	1.017	5.575	0
288	15.75	1.017	5.575	0
289	16.41	1.017	5.575	0
290	17.05	1.017	5.575	0
291	32.2	1.017	5.575	0
292	32.89	1.017	5.575	0
293	33.5	1.017	5.575	0
294	49.34	1.017	5.575	0
295	65.84	1.017	5.575	0
296	81.6	1.017	5.575	0
297	0.6	2.034	5.575	0
298	15.75	2.034	5.575	0
299	16.41	2.034	5.575	0
300	17.05	2.034	5.575	0
301	32.2	2.034	5.575	0
302	32.89	2.034	5.575	0
303	33.5	2.034	5.575	0
304	49.34	2.034	5.575	0
305	65.84	2.034	5.575	0
306	81.6	2.034	5.575	0
307	0.6	3.051	5.575	0
308	15.75	3.051	5.575	0
309	16.41	3.051	5.575	0
310	17.05	3.051	5.575	0
311	32.2	3.051	5.575	0
312	32.89	3.051	5.575	0
313	33.5	3.051	5.575	0
314	49.34	3.051	5.575	0
315	65.84	3.051	5.575	0
316	81.6	3.051	5.575	0
317	0.6	4.068	5.575	0
318	15.75	4.068	5.575	0
319	16.41	4.068	5.575	0
320	17.05	4.068	5.575	0
321	32.2	4.068	5.575	0

322	32.89	4.068	5.575	0
323	33.5	4.068	5.575	0
324	49.34	4.068	5.575	0
325	65.84	4.068	5.575	0
326	81.6	4.068	5.575	0
327	0.6	5.085	5.575	0
328	15.75	5.085	5.575	0
329	16.41	5.085	5.575	0
330	17.05	5.085	5.575	0
331	32.2	5.085	5.575	0
332	32.89	5.085	5.575	0
333	33.5	5.085	5.575	0
334	49.34	5.085	5.575	0
335	65.84	5.085	5.575	0
336	81.6	5.085	5.575	0
337	0.6	6.102	5.575	0
338	15.75	6.102	5.575	0
339	16.41	6.102	5.575	0
340	17.05	6.102	5.575	0
341	32.2	6.102	5.575	0
342	32.89	6.102	5.575	0
343	33.5	6.102	5.575	0
344	49.34	6.102	5.575	0
345	65.84	6.102	5.575	0
346	81.6	6.102	5.575	0
347	0.6	6.575	5.575	0
348	16.41	6.575	5.575	0
349	32.89	6.575	5.575	0
350	49.34	6.575	5.575	0
351	65.84	6.575	5.575	0
352	81.6	6.575	5.575	0
353	48.6	0	5.625	0
354	49.9	0	5.625	0
355	65.1	0	5.625	0
356	66.4	0	5.625	0
357	48.6	1.017	5.625	0
358	49.9	1.017	5.625	0
359	65.1	1.017	5.625	0
360	66.4	1.017	5.625	0
361	48.6	2.034	5.625	0
362	49.9	2.034	5.625	0
363	65.1	2.034	5.625	0
364	66.4	2.034	5.625	0
365	48.6	3.051	5.625	0
366	49.9	3.051	5.625	0
367	65.1	3.051	5.625	0
368	66.4	3.051	5.625	0
369	48.6	4.068	5.625	0
370	49.9	4.068	5.625	0
371	65.1	4.068	5.625	0
372	66.4	4.068	5.625	0
373	48.6	5.085	5.625	0
374	49.9	5.085	5.625	0
375	65.1	5.085	5.625	0
376	66.4	5.085	5.625	0
377	48.6	6.102	5.625	0
378	49.9	6.102	5.625	0
379	65.1	6.102	5.625	0
380	66.4	6.102	5.625	0
381	33.76	0	6.23	0
382	33.76	1.017	6.23	0
383	33.76	2.034	6.23	0
384	33.76	3.051	6.23	0
385	33.76	4.068	6.23	0
386	33.76	5.085	6.23	0
387	33.76	6.102	6.23	0
388	0.8537	0	6.241	0

389	15.5	0	6.241	0
390	17.3	0	6.241	0
391	31.95	0	6.241	0
392	0.8537	1.017	6.241	0
393	15.5	1.017	6.241	0
394	17.3	1.017	6.241	0
395	31.95	1.017	6.241	0
396	0.8537	2.034	6.241	0
397	15.5	2.034	6.241	0
398	17.3	2.034	6.241	0
399	31.95	2.034	6.241	0
400	0.8537	3.051	6.241	0
401	15.5	3.051	6.241	0
402	17.3	3.051	6.241	0
403	31.95	3.051	6.241	0
404	0.8537	4.068	6.241	0
405	15.5	4.068	6.241	0
406	17.3	4.068	6.241	0
407	31.95	4.068	6.241	0
408	0.8537	5.085	6.241	0
409	15.5	5.085	6.241	0
410	17.3	5.085	6.241	0
411	31.95	5.085	6.241	0
412	0.8537	6.102	6.241	0
413	15.5	6.102	6.241	0
414	17.3	6.102	6.241	0
415	31.95	6.102	6.241	0
416	81.35	0	6.25	0
417	81.35	1.017	6.25	0
418	81.35	2.034	6.25	0
419	81.35	3.051	6.25	0
420	81.35	4.068	6.25	0
421	81.35	5.085	6.25	0
422	81.35	6.102	6.25	0
423	48.34	0	6.278	0
424	50.17	0	6.277	0
425	64.83	0	6.277	0
426	48.34	1.017	6.278	0
427	50.17	1.017	6.277	0
428	64.83	1.017	6.277	0
429	48.34	2.034	6.278	0
430	50.17	2.034	6.277	0
431	64.83	2.034	6.277	0
432	48.34	3.051	6.278	0
433	50.17	3.051	6.277	0
434	64.83	3.051	6.277	0
435	48.34	4.068	6.278	0
436	50.17	4.068	6.277	0
437	64.83	4.068	6.277	0
438	48.34	5.085	6.278	0
439	50.17	5.085	6.277	0
440	64.83	5.085	6.277	0
441	48.34	6.102	6.278	0
442	50.17	6.102	6.277	0
443	64.83	6.102	6.277	0
444	66.65	0	6.298	0
445	66.65	1.017	6.298	0
446	66.65	2.034	6.298	0
447	66.65	3.051	6.298	0
448	66.65	4.068	6.298	0
449	66.65	5.085	6.298	0
450	66.65	6.102	6.298	0
451	0.6	0	6.436	0
452	16.41	0	6.436	0
453	32.89	0	6.436	0
454	49.34	0	6.436	0
455	65.84	0	6.436	0

456	0.6	6.102	6.436	0
457	16.41	6.102	6.436	0
458	32.89	6.102	6.436	0
459	49.34	6.102	6.436	0
460	65.84	6.102	6.436	0
461	81.6	0	6.449	0
462	81.6	6.102	6.449	0
463	34.08	0	6.859	0
464	34.08	1.017	6.859	0
465	34.08	2.034	6.859	0
466	34.08	3.051	6.859	0
467	34.08	4.068	6.859	0
468	34.08	5.085	6.859	0
469	34.08	6.102	6.859	0
470	1.166	0	6.882	0
471	15.18	0	6.882	0
472	17.62	0	6.882	0
473	31.63	0	6.882	0
474	1.166	1.017	6.882	0
475	15.18	1.017	6.882	0
476	17.62	1.017	6.882	0
477	31.63	1.017	6.882	0
478	1.166	2.034	6.882	0
479	15.18	2.034	6.882	0
480	17.62	2.034	6.882	0
481	31.63	2.034	6.882	0
482	1.166	3.051	6.882	0
483	15.18	3.051	6.882	0
484	17.62	3.051	6.882	0
485	31.63	3.051	6.882	0
486	1.166	4.068	6.882	0
487	15.18	4.068	6.882	0
488	17.62	4.068	6.882	0
489	31.63	4.068	6.882	0
490	1.166	5.085	6.882	0
491	15.18	5.085	6.882	0
492	17.62	5.085	6.882	0
493	31.63	5.085	6.882	0
494	1.166	6.102	6.882	0
495	15.18	6.102	6.882	0
496	17.62	6.102	6.882	0
497	31.63	6.102	6.882	0
498	81.05	0	6.9	0
499	81.05	1.017	6.9	0
500	81.05	2.034	6.9	0
501	81.05	3.051	6.9	0
502	81.05	4.068	6.9	0
503	81.05	5.085	6.9	0
504	81.05	6.102	6.9	0
505	50.5	0	6.903	0
506	64.5	0	6.903	0
507	50.5	1.017	6.903	0
508	64.5	1.017	6.903	0
509	50.5	2.034	6.903	0
510	64.5	2.034	6.903	0
511	50.5	3.051	6.903	0
512	64.5	3.051	6.903	0
513	50.5	4.068	6.903	0
514	64.5	4.068	6.903	0
515	50.5	5.085	6.903	0
516	64.5	5.085	6.903	0
517	50.5	6.102	6.903	0
518	64.5	6.102	6.903	0
519	48.01	0	6.905	0
520	48.01	1.017	6.905	0
521	48.01	2.034	6.905	0
522	48.01	3.051	6.905	0

523	48.01	4.068	6.905	0
524	48.01	5.085	6.905	0
525	48.01	6.102	6.905	0
526	66.96	0	6.946	0
527	66.96	1.017	6.946	0
528	66.96	2.034	6.946	0
529	66.96	3.051	6.946	0
530	66.96	4.068	6.946	0
531	66.96	5.085	6.946	0
532	66.96	6.102	6.946	0
533	33.56	0	7.134	0
534	33.56	6.102	7.134	0
535	17.07	0	7.158	0
536	17.07	6.102	7.158	0
537	65.08	0	7.185	0
538	65.08	6.102	7.185	0
539	48.59	0	7.187	0
540	48.59	6.102	7.187	0
541	15.74	0	7.192	0
542	15.74	6.102	7.192	0
543	49.98	0	7.196	0
544	49.98	6.102	7.196	0
545	32.17	0	7.207	0
546	32.17	6.102	7.207	0
547	66.46	0	7.217	0
548	66.46	6.102	7.217	0
549	0.6	0	7.296	0
550	16.41	0	7.296	0
551	32.89	0	7.296	0
552	49.34	0	7.296	0
553	65.84	0	7.296	0
554	0.6	6.102	7.296	0
555	16.41	6.102	7.296	0
556	32.89	6.102	7.296	0
557	49.34	6.102	7.296	0
558	65.84	6.102	7.296	0
559	81.6	0	7.322	0
560	81.6	6.102	7.322	0
561	34.45	0	7.458	0
562	34.45	1.017	7.458	0
563	34.45	2.034	7.458	0
564	34.45	3.051	7.458	0
565	34.45	4.068	7.458	0
566	34.45	5.085	7.458	0
567	34.45	6.102	7.458	0
568	1.534	0	7.493	0
569	14.82	0	7.493	0
570	17.98	0	7.493	0
571	31.27	0	7.493	0
572	1.534	1.017	7.493	0
573	14.82	1.017	7.493	0
574	17.98	1.017	7.493	0
575	31.27	1.017	7.493	0
576	1.534	2.034	7.493	0
577	14.82	2.034	7.493	0
578	17.98	2.034	7.493	0
579	31.27	2.034	7.493	0
580	1.534	3.051	7.493	0
581	14.82	3.051	7.493	0
582	17.98	3.051	7.493	0
583	31.27	3.051	7.493	0
584	1.534	4.068	7.493	0
585	14.82	4.068	7.493	0
586	17.98	4.068	7.493	0
587	31.27	4.068	7.493	0
588	1.534	5.085	7.493	0
589	14.82	5.085	7.493	0

590	17.98	5.085	7.493	0
591	31.27	5.085	7.493	0
592	1.534	6.102	7.493	0
593	14.82	6.102	7.493	0
594	17.98	6.102	7.493	0
595	31.27	6.102	7.493	0
596	50.87	0	7.499	0
597	64.13	0	7.499	0
598	50.87	1.017	7.499	0
599	64.13	1.017	7.499	0
600	50.87	2.034	7.499	0
601	64.13	2.034	7.499	0
602	50.87	3.051	7.499	0
603	64.13	3.051	7.499	0
604	50.87	4.068	7.499	0
605	64.13	4.068	7.499	0
606	50.87	5.085	7.499	0
607	64.13	5.085	7.499	0
608	50.87	6.102	7.499	0
609	64.13	6.102	7.499	0
610	47.64	0	7.501	0
611	47.64	1.017	7.501	0
612	47.64	2.034	7.501	0
613	47.64	3.051	7.501	0
614	47.64	4.068	7.501	0
615	47.64	5.085	7.501	0
616	47.64	6.102	7.501	0
617	80.68	0	7.519	0
618	80.68	1.017	7.519	0
619	80.68	2.034	7.519	0
620	80.68	3.051	7.519	0
621	80.68	4.068	7.519	0
622	80.68	5.085	7.519	0
623	80.68	6.102	7.519	0
624	67.33	0	7.563	0
625	67.33	1.017	7.563	0
626	67.33	2.034	7.563	0
627	67.33	3.051	7.563	0
628	67.33	4.068	7.563	0
629	67.33	5.085	7.563	0
630	67.33	6.102	7.563	0
631	1.167	0	7.663	0
632	1.167	6.102	7.663	0
633	33.74	0	7.896	0
634	33.74	6.102	7.896	0
635	34.87	0	8.022	0
636	34.87	1.017	8.022	0
637	34.87	2.034	8.022	0
638	34.87	3.051	8.022	0
639	34.87	4.068	8.022	0
640	34.87	5.085	8.022	0
641	34.87	6.102	8.022	0
642	51.3	0	8.059	0
643	63.7	0	8.059	0
644	51.3	1.017	8.059	0
645	63.7	1.017	8.059	0
646	51.3	2.034	8.059	0
647	63.7	2.034	8.059	0
648	51.3	3.051	8.059	0
649	63.7	3.051	8.059	0
650	51.3	4.068	8.059	0
651	63.7	4.068	8.059	0
652	51.3	5.085	8.059	0
653	63.7	5.085	8.059	0
654	51.3	6.102	8.059	0
655	63.7	6.102	8.059	0
656	31.94	0	8.062	0

657	47.21	0	8.063	0
658	47.21	1.017	8.063	0
659	47.21	2.034	8.063	0
660	47.21	3.051	8.063	0
661	47.21	4.068	8.063	0
662	47.21	5.085	8.063	0
663	31.94	6.102	8.062	0
664	47.21	6.102	8.063	0
665	1.955	0	8.068	0
666	14.39	0	8.068	0
667	18.41	0	8.068	0
668	30.84	0	8.068	0
669	1.955	1.017	8.068	0
670	14.39	1.017	8.068	0
671	18.41	1.017	8.068	0
672	30.84	1.017	8.068	0
673	1.955	2.034	8.068	0
674	14.39	2.034	8.068	0
675	18.41	2.034	8.068	0
676	30.84	2.034	8.068	0
677	1.955	3.051	8.068	0
678	14.39	3.051	8.068	0
679	18.41	3.051	8.068	0
680	30.84	3.051	8.068	0
681	1.955	4.068	8.068	0
682	14.39	4.068	8.068	0
683	18.41	4.068	8.068	0
684	30.84	4.068	8.068	0
685	1.955	5.085	8.068	0
686	14.39	5.085	8.068	0
687	18.41	5.085	8.068	0
688	30.84	5.085	8.068	0
689	1.955	6.102	8.068	0
690	14.39	6.102	8.068	0
691	18.41	6.102	8.068	0
692	30.84	6.102	8.068	0
693	17.31	0	8.089	0
694	64.85	0	8.089	0
695	17.31	6.102	8.089	0
696	64.85	6.102	8.089	0
697	48.35	0	8.091	0
698	48.35	6.102	8.091	0
699	50.22	0	8.096	0
700	50.22	6.102	8.096	0
701	80.26	0	8.104	0
702	80.26	1.017	8.104	0
703	80.26	2.034	8.104	0
704	80.26	3.051	8.104	0
705	80.26	4.068	8.104	0
706	80.26	5.085	8.104	0
707	80.26	6.102	8.104	0
708	66.71	0	8.115	0
709	66.71	6.102	8.115	0
710	15.49	0	8.142	0
711	15.49	6.102	8.142	0
712	67.75	0	8.145	0
713	67.75	1.017	8.145	0
714	67.75	2.034	8.145	0
715	67.75	3.051	8.145	0
716	67.75	4.068	8.145	0
717	67.75	5.085	8.145	0
718	67.75	6.102	8.145	0
719	0.6	0	8.157	0
720	16.41	0	8.157	0
721	32.89	0	8.157	0
722	49.34	0	8.157	0
723	65.84	0	8.157	0

724	0.6	6.102	8.157	0
725	16.41	6.102	8.157	0
726	32.89	6.102	8.157	0
727	49.34	6.102	8.157	0
728	65.84	6.102	8.157	0
729	81.6	0	8.196	0
730	81.6	6.102	8.196	0
731	1.256	0	8.257	0
732	1.256	6.102	8.257	0
733	31.3	0	8.484	0
734	31.3	6.102	8.484	0
735	35.34	0	8.546	0
736	35.34	1.017	8.546	0
737	35.34	2.034	8.546	0
738	35.34	3.051	8.546	0
739	35.34	4.068	8.546	0
740	35.34	5.085	8.546	0
741	35.34	6.102	8.546	0
742	64.15	0	8.572	0
743	64.15	6.102	8.572	0
744	47.66	0	8.573	0
745	47.66	6.102	8.573	0
746	50.89	0	8.577	0
747	50.89	6.102	8.577	0
748	51.78	0	8.579	0
749	63.22	0	8.579	0
750	51.78	1.017	8.579	0
751	63.22	1.017	8.579	0
752	51.78	2.034	8.579	0
753	63.22	2.034	8.579	0
754	51.78	3.051	8.579	0
755	63.22	3.051	8.579	0
756	51.78	4.068	8.579	0
757	63.22	4.068	8.579	0
758	51.78	5.085	8.579	0
759	63.22	5.085	8.579	0
760	51.78	6.102	8.579	0
761	63.22	6.102	8.579	0
762	46.74	0	8.584	0
763	46.74	1.017	8.584	0
764	46.74	2.034	8.584	0
765	46.74	3.051	8.584	0
766	46.74	4.068	8.584	0
767	46.74	5.085	8.584	0
768	46.74	6.102	8.584	0
769	17.97	0	8.591	0
770	17.97	6.102	8.591	0
771	14.83	0	8.598	0
772	14.83	6.102	8.598	0
773	2.426	0	8.604	0
774	13.92	0	8.604	0
775	18.88	0	8.604	0
776	30.37	0	8.604	0
777	2.426	1.017	8.604	0
778	13.92	1.017	8.604	0
779	18.88	1.017	8.604	0
780	30.37	1.017	8.604	0
781	2.426	2.034	8.604	0
782	13.92	2.034	8.604	0
783	18.88	2.034	8.604	0
784	30.37	2.034	8.604	0
785	2.426	3.051	8.604	0
786	13.92	3.051	8.604	0
787	18.88	3.051	8.604	0
788	30.37	3.051	8.604	0
789	2.426	4.068	8.604	0
790	13.92	4.068	8.604	0

791	18.88	4.068	8.604	0
792	30.37	4.068	8.604	0
793	2.426	5.085	8.604	0
794	13.92	5.085	8.604	0
795	18.88	5.085	8.604	0
796	30.37	5.085	8.604	0
797	2.426	6.102	8.604	0
798	13.92	6.102	8.604	0
799	18.88	6.102	8.604	0
800	30.37	6.102	8.604	0
801	67.38	0	8.623	0
802	67.38	6.102	8.623	0
803	79.79	0	8.648	0
804	79.79	1.017	8.648	0
805	79.79	2.034	8.648	0
806	79.79	3.051	8.648	0
807	79.79	4.068	8.648	0
808	79.79	5.085	8.648	0
809	79.79	6.102	8.648	0
810	68.23	0	8.686	0
811	68.23	1.017	8.686	0
812	68.23	2.034	8.686	0
813	68.23	3.051	8.686	0
814	68.23	4.068	8.686	0
815	68.23	5.085	8.686	0
816	68.23	6.102	8.686	0
817	34.04	0	8.698	0
818	34.04	6.102	8.698	0
819	66.5	0	8.985	0
820	66.5	6.102	8.985	0
821	17.09	0	8.987	0
822	17.09	6.102	8.987	0
823	80.91	0	8.993	0
824	80.91	6.102	8.993	0
825	30.83	0	8.996	0
826	30.83	6.102	8.996	0
827	50.02	0	9.001	0
828	50.02	6.102	9.001	0
829	65.07	0	9.013	0
830	65.07	6.102	9.013	0
831	48.57	0	9.014	0
832	48.57	6.102	9.014	0
833	0.6	0	9.018	0
834	16.41	0	9.018	0
835	32.11	0	9.017	0
836	32.89	0	9.018	0
837	49.34	0	9.018	0
838	65.84	0	9.018	0
839	0.6	6.102	9.018	0
840	16.41	6.102	9.018	0
841	32.11	6.102	9.017	0
842	32.89	6.102	9.018	0
843	49.34	6.102	9.018	0
844	65.84	6.102	9.018	0
845	15.71	0	9.028	0
846	35.86	0	9.027	0
847	35.86	1.017	9.027	0
848	35.86	2.034	9.027	0
849	35.86	3.051	9.027	0
850	35.86	4.068	9.027	0
851	35.86	5.085	9.027	0
852	15.71	6.102	9.028	0
853	35.86	6.102	9.027	0
854	52.3	0	9.056	0
855	62.7	0	9.056	0
856	52.3	1.017	9.056	0
857	62.7	1.017	9.056	0

858	52.3	2.034	9.056	0
859	62.7	2.034	9.056	0
860	52.3	3.051	9.056	0
861	62.7	3.051	9.056	0
862	52.3	4.068	9.056	0
863	62.7	4.068	9.056	0
864	52.3	5.085	9.056	0
865	62.7	5.085	9.056	0
866	52.3	6.102	9.056	0
867	62.7	6.102	9.056	0
868	46.22	0	9.062	0
869	46.22	1.017	9.062	0
870	46.22	2.034	9.062	0
871	46.22	3.051	9.062	0
872	46.22	4.068	9.062	0
873	46.22	5.085	9.062	0
874	46.22	6.102	9.062	0
875	81.6	0	9.069	0
876	81.6	6.102	9.069	0
877	1.564	0	9.076	0
878	1.564	6.102	9.076	0
879	47.96	0	9.09	0
880	64.45	0	9.089	0
881	47.96	6.102	9.09	0
882	64.45	6.102	9.089	0
883	50.6	0	9.09	0
884	50.6	6.102	9.09	0
885	17.69	0	9.092	0
886	17.69	6.102	9.092	0
887	2.943	0	9.095	0
888	13.41	0	9.095	0
889	19.39	0	9.095	0
890	29.86	0	9.095	0
891	2.943	1.017	9.095	0
892	13.41	1.017	9.095	0
893	19.39	1.017	9.095	0
894	29.86	1.017	9.095	0
895	2.943	2.034	9.095	0
896	13.41	2.034	9.095	0
897	19.39	2.034	9.095	0
898	29.86	2.034	9.095	0
899	2.943	3.051	9.095	0
900	13.41	3.051	9.095	0
901	19.39	3.051	9.095	0
902	29.86	3.051	9.095	0
903	2.943	4.068	9.095	0
904	13.41	4.068	9.095	0
905	19.39	4.068	9.095	0
906	29.86	4.068	9.095	0
907	2.943	5.085	9.095	0
908	13.41	5.085	9.095	0
909	19.39	5.085	9.095	0
910	29.86	5.085	9.095	0
911	2.943	6.102	9.095	0
912	13.41	6.102	9.095	0
913	19.39	6.102	9.095	0
914	29.86	6.102	9.095	0
915	15.13	0	9.102	0
916	15.13	6.102	9.102	0
917	67.09	0	9.104	0
918	67.09	6.102	9.104	0
919	34.76	0	9.108	0
920	34.76	6.102	9.108	0
921	31.43	0	9.129	0
922	31.43	6.102	9.129	0
923	80.23	0	9.132	0
924	80.23	6.102	9.132	0

925	47.17	0	9.142	0
926	47.17	6.102	9.142	0
927	63.66	0	9.147	0
928	79.28	0	9.148	0
929	79.28	1.017	9.148	0
930	79.28	2.034	9.148	0
931	79.28	3.051	9.148	0
932	79.28	4.068	9.148	0
933	79.28	5.085	9.148	0
934	63.66	6.102	9.147	0
935	79.28	6.102	9.148	0
936	14.38	0	9.15	0
937	14.38	6.102	9.15	0
938	18.42	0	9.153	0
939	51.37	0	9.153	0
940	18.42	6.102	9.153	0
941	51.37	6.102	9.153	0
942	68.75	0	9.183	0
943	68.75	1.017	9.183	0
944	68.75	2.034	9.183	0
945	68.75	3.051	9.183	0
946	68.75	4.068	9.183	0
947	68.75	5.085	9.183	0
948	68.75	6.102	9.183	0
949	67.75	0	9.195	0
950	67.75	6.102	9.195	0
951	36.41	0	9.462	0
952	36.41	1.017	9.462	0
953	36.41	2.034	9.462	0
954	36.41	3.051	9.462	0
955	36.41	4.068	9.462	0
956	36.41	5.085	9.462	0
957	36.41	6.102	9.462	0
958	52.86	0	9.486	0
959	62.14	0	9.486	0
960	52.86	1.017	9.486	0
961	62.14	1.017	9.486	0
962	52.86	2.034	9.486	0
963	62.14	2.034	9.486	0
964	52.86	3.051	9.486	0
965	62.14	3.051	9.486	0
966	52.86	4.068	9.486	0
967	62.14	4.068	9.486	0
968	52.86	5.085	9.486	0
969	62.14	5.085	9.486	0
970	52.86	6.102	9.486	0
971	62.14	6.102	9.486	0
972	45.66	0	9.492	0
973	45.66	1.017	9.492	0
974	45.66	2.034	9.492	0
975	45.66	3.051	9.492	0
976	45.66	4.068	9.492	0
977	45.66	5.085	9.492	0
978	45.66	6.102	9.492	0
979	3.502	0	9.538	0
980	12.85	0	9.538	0
981	19.95	0	9.538	0
982	29.3	0	9.538	0
983	3.502	1.017	9.538	0
984	12.85	1.017	9.538	0
985	19.95	1.017	9.538	0
986	29.3	1.017	9.538	0
987	3.502	2.034	9.538	0
988	12.85	2.034	9.538	0
989	19.95	2.034	9.538	0
990	29.3	2.034	9.538	0
991	3.502	3.051	9.538	0

992	12.85	3.051	9.538	0
993	19.95	3.051	9.538	0
994	29.3	3.051	9.538	0
995	3.502	4.068	9.538	0
996	12.85	4.068	9.538	0
997	19.95	4.068	9.538	0
998	29.3	4.068	9.538	0
999	3.502	5.085	9.538	0
1000	12.85	5.085	9.538	0
1001	19.95	5.085	9.538	0
1002	29.3	5.085	9.538	0
1003	3.502	6.102	9.538	0
1004	12.85	6.102	9.538	0
1005	19.95	6.102	9.538	0
1006	29.3	6.102	9.538	0
1007	35.4	0	9.562	0
1008	35.4	6.102	9.562	0
1009	78.72	0	9.599	0
1010	78.72	1.017	9.599	0
1011	78.72	2.034	9.599	0
1012	78.72	3.051	9.599	0
1013	78.72	4.068	9.599	0
1014	78.72	5.085	9.599	0
1015	78.72	6.102	9.599	0
1016	69.31	0	9.63	0
1017	69.31	1.017	9.63	0
1018	69.31	2.034	9.63	0
1019	69.31	3.051	9.63	0
1020	69.31	4.068	9.63	0
1021	69.31	5.085	9.63	0
1022	69.31	6.102	9.63	0
1023	30.49	0	9.649	0
1024	30.49	6.102	9.649	0
1025	47.69	0	9.67	0
1026	64.18	0	9.67	0
1027	47.69	6.102	9.67	0
1028	64.18	6.102	9.67	0
1029	67.32	0	9.685	0
1030	67.32	6.102	9.685	0
1031	46.72	0	9.7	0
1032	63.21	0	9.701	0
1033	46.72	6.102	9.7	0
1034	63.21	6.102	9.701	0
1035	50.88	0	9.707	0
1036	50.88	6.102	9.707	0
1037	34.08	0	9.709	0
1038	34.08	6.102	9.709	0
1039	2.248	0	9.725	0
1040	2.248	6.102	9.725	0
1041	14.84	0	9.734	0
1042	80	0	9.733	0
1043	14.84	6.102	9.734	0
1044	80	6.102	9.733	0
1045	17.97	0	9.736	0
1046	17.97	6.102	9.736	0
1047	13.87	0	9.742	0
1048	13.87	6.102	9.742	0
1049	51.86	0	9.744	0
1050	51.86	6.102	9.744	0
1051	18.93	0	9.786	0
1052	18.93	6.102	9.786	0
1053	68.3	0	9.816	0
1054	68.3	6.102	9.816	0
1055	48.49	0	9.828	0
1056	66.59	0	9.828	0
1057	48.49	6.102	9.828	0
1058	66.59	6.102	9.828	0

1059	64.98	0	9.835	0
1060	64.98	6.102	9.835	0
1061	31.24	0	9.846	0
1062	37	0	9.845	0
1063	37	1.017	9.845	0
1064	37	2.034	9.845	0
1065	37	3.051	9.845	0
1066	37	4.068	9.845	0
1067	37	5.085	9.845	0
1068	31.24	6.102	9.846	0
1069	37	6.102	9.845	0
1070	50.12	0	9.848	0
1071	50.12	6.102	9.848	0
1072	17.2	0	9.85	0
1073	17.2	6.102	9.85	0
1074	15.61	0	9.859	0
1075	15.61	6.102	9.859	0
1076	53.46	0	9.866	0
1077	61.54	0	9.866	0
1078	53.46	1.017	9.866	0
1079	61.54	1.017	9.866	0
1080	53.46	2.034	9.866	0
1081	61.54	2.034	9.866	0
1082	53.46	3.051	9.866	0
1083	61.54	3.051	9.866	0
1084	53.46	4.068	9.866	0
1085	61.54	4.068	9.866	0
1086	53.46	5.085	9.866	0
1087	61.54	5.085	9.866	0
1088	53.46	6.102	9.866	0
1089	61.54	6.102	9.866	0
1090	45.07	0	9.872	0
1091	45.07	1.017	9.872	0
1092	45.07	2.034	9.872	0
1093	45.07	3.051	9.872	0
1094	45.07	4.068	9.872	0
1095	45.07	5.085	9.872	0
1096	45.07	6.102	9.872	0
1097	80.77	0	9.877	0
1098	80.77	6.102	9.877	0
1099	0.6	0	9.879	0
1100	16.41	0	9.879	0
1101	32.06	0	9.879	0
1102	32.89	0	9.879	0
1103	49.34	0	9.879	0
1104	65.84	0	9.879	0
1105	0.6	6.102	9.879	0
1106	16.41	6.102	9.879	0
1107	32.06	6.102	9.879	0
1108	32.89	6.102	9.879	0
1109	49.34	6.102	9.879	0
1110	65.84	6.102	9.879	0
1111	1.458	0	9.907	0
1112	1.458	6.102	9.907	0
1113	36.04	0	9.928	0
1114	36.04	6.102	9.928	0
1115	4.098	0	9.929	0
1116	12.25	0	9.929	0
1117	20.55	0	9.929	0
1118	28.7	0	9.929	0
1119	4.098	1.017	9.929	0
1120	12.25	1.017	9.929	0
1121	20.55	1.017	9.929	0
1122	28.7	1.017	9.929	0
1123	4.098	2.034	9.929	0
1124	12.25	2.034	9.929	0
1125	20.55	2.034	9.929	0

1126	28.7	2.034	9.929	0
1127	4.098	3.051	9.929	0
1128	12.25	3.051	9.929	0
1129	20.55	3.051	9.929	0
1130	28.7	3.051	9.929	0
1131	4.098	4.068	9.929	0
1132	12.25	4.068	9.929	0
1133	20.55	4.068	9.929	0
1134	28.7	4.068	9.929	0
1135	4.098	5.085	9.929	0
1136	12.25	5.085	9.929	0
1137	20.55	5.085	9.929	0
1138	28.7	5.085	9.929	0
1139	4.098	6.102	9.929	0
1140	12.25	6.102	9.929	0
1141	20.55	6.102	9.929	0
1142	28.7	6.102	9.929	0
1143	81.6	0	9.943	0
1144	81.6	6.102	9.943	0
1145	78.12	0	9.999	0
1146	78.12	1.017	9.999	0
1147	78.12	2.034	9.999	0
1148	78.12	3.051	9.999	0
1149	78.12	4.068	9.999	0
1150	78.12	5.085	9.999	0
1151	78.12	6.102	9.999	0
1152	34.89	0	10.01	0
1153	34.89	6.102	10.01	0
1154	69.91	0	10.03	0
1155	69.91	1.017	10.03	0
1156	69.91	2.034	10.03	0
1157	69.91	3.051	10.03	0
1158	69.91	4.068	10.03	0
1159	69.91	5.085	10.03	0
1160	69.91	6.102	10.03	0
1161	13.25	0	10.13	0
1162	19.56	0	10.14	0
1163	13.25	6.102	10.13	0
1164	19.56	6.102	10.14	0
1165	52.47	0	10.15	0
1166	52.47	6.102	10.15	0
1167	37.62	0	10.18	0
1168	37.62	1.017	10.18	0
1169	37.62	2.034	10.18	0
1170	37.62	3.051	10.18	0
1171	37.62	4.068	10.18	0
1172	37.62	5.085	10.18	0
1173	37.62	6.102	10.18	0
1174	68.93	0	10.19	0
1175	68.93	6.102	10.19	0
1176	54.08	0	10.19	0
1177	60.92	0	10.19	0
1178	54.08	1.017	10.19	0
1179	60.92	1.017	10.19	0
1180	54.08	2.034	10.19	0
1181	60.92	2.034	10.19	0
1182	54.08	3.051	10.19	0
1183	60.92	3.051	10.19	0
1184	54.08	4.068	10.19	0
1185	60.92	4.068	10.19	0
1186	54.08	5.085	10.19	0
1187	60.92	5.085	10.19	0
1188	54.08	6.102	10.19	0
1189	60.92	6.102	10.19	0
1190	44.45	0	10.2	0
1191	44.45	1.017	10.2	0
1192	44.45	2.034	10.2	0

1193	44.45	3.051	10.2	0
1194	44.45	4.068	10.2	0
1195	44.45	5.085	10.2	0
1196	44.45	6.102	10.2	0
1197	35.53	0	10.24	0
1198	35.53	6.102	10.24	0
1199	4.726	0	10.27	0
1200	11.62	0	10.27	0
1201	21.18	0	10.27	0
1202	28.07	0	10.27	0
1203	4.726	1.017	10.27	0
1204	11.62	1.017	10.27	0
1205	21.18	1.017	10.27	0
1206	28.07	1.017	10.27	0
1207	4.726	2.034	10.27	0
1208	11.62	2.034	10.27	0
1209	21.18	2.034	10.27	0
1210	28.07	2.034	10.27	0
1211	4.726	3.051	10.27	0
1212	11.62	3.051	10.27	0
1213	21.18	3.051	10.27	0
1214	28.07	3.051	10.27	0
1215	4.726	4.068	10.27	0
1216	11.62	4.068	10.27	0
1217	21.18	4.068	10.27	0
1218	28.07	4.068	10.27	0
1219	4.726	5.085	10.27	0
1220	11.62	5.085	10.27	0
1221	21.18	5.085	10.27	0
1222	28.07	5.085	10.27	0
1223	4.726	6.102	10.27	0
1224	11.62	6.102	10.27	0
1225	21.18	6.102	10.27	0
1226	28.07	6.102	10.27	0
1227	77.49	0	10.34	0
1228	77.49	1.017	10.34	0
1229	77.49	2.034	10.34	0
1230	77.49	3.051	10.34	0
1231	77.49	4.068	10.34	0
1232	77.49	5.085	10.34	0
1233	77.49	6.102	10.34	0
1234	70.54	0	10.37	0
1235	70.54	1.017	10.37	0
1236	70.54	2.034	10.37	0
1237	70.54	3.051	10.37	0
1238	70.54	4.068	10.37	0
1239	70.54	5.085	10.37	0
1240	70.54	6.102	10.37	0
1241	62.73	0	10.37	0
1242	62.73	6.102	10.37	0
1243	46.24	0	10.38	0
1244	46.24	6.102	10.38	0
1245	20.21	0	10.4	0
1246	20.21	6.102	10.4	0
1247	47.28	0	10.42	0
1248	47.28	6.102	10.42	0
1249	29.95	0	10.43	0
1250	63.77	0	10.43	0
1251	29.95	6.102	10.43	0
1252	63.77	6.102	10.43	0
1253	2.72	0	10.44	0
1254	2.72	6.102	10.44	0
1255	38.27	0	10.45	0
1256	38.27	1.017	10.45	0
1257	38.27	2.034	10.45	0
1258	38.27	3.051	10.45	0
1259	38.27	4.068	10.45	0

1260	38.27	5.085	10.45	0
1261	38.27	6.102	10.45	0
1262	54.73	0	10.46	0
1263	60.27	0	10.46	0
1264	54.73	1.017	10.46	0
1265	60.27	1.017	10.46	0
1266	54.73	2.034	10.46	0
1267	60.27	2.034	10.46	0
1268	54.73	3.051	10.46	0
1269	60.27	3.051	10.46	0
1270	54.73	4.068	10.46	0
1271	60.27	4.068	10.46	0
1272	54.73	5.085	10.46	0
1273	60.27	5.085	10.46	0
1274	54.73	6.102	10.46	0
1275	60.27	6.102	10.46	0
1276	43.79	0	10.47	0
1277	79.45	0	10.47	0
1278	43.79	1.017	10.47	0
1279	43.79	2.034	10.47	0
1280	43.79	3.051	10.47	0
1281	43.79	4.068	10.47	0
1282	43.79	5.085	10.47	0
1283	43.79	6.102	10.47	0
1284	79.45	6.102	10.47	0
1285	51.31	0	10.5	0
1286	51.31	6.102	10.5	0
1287	14.42	0	10.51	0
1288	14.42	6.102	10.51	0
1289	67.78	0	10.53	0
1290	67.78	6.102	10.53	0
1291	18.37	0	10.54	0
1292	18.37	6.102	10.54	0
1293	5.382	0	10.55	0
1294	10.97	0	10.55	0
1295	21.83	0	10.55	0
1296	27.42	0	10.55	0
1297	5.382	1.017	10.55	0
1298	10.97	1.017	10.55	0
1299	21.83	1.017	10.55	0
1300	27.42	1.017	10.55	0
1301	5.382	2.034	10.55	0
1302	10.97	2.034	10.55	0
1303	21.83	2.034	10.55	0
1304	27.42	2.034	10.55	0
1305	5.382	3.051	10.55	0
1306	10.97	3.051	10.55	0
1307	21.83	3.051	10.55	0
1308	27.42	3.051	10.55	0
1309	5.382	4.068	10.55	0
1310	10.97	4.068	10.55	0
1311	21.83	4.068	10.55	0
1312	27.42	4.068	10.55	0
1313	5.382	5.085	10.55	0
1314	10.97	5.085	10.55	0
1315	21.83	5.085	10.55	0
1316	27.42	5.085	10.55	0
1317	5.382	6.102	10.55	0
1318	10.97	6.102	10.55	0
1319	21.83	6.102	10.55	0
1320	27.42	6.102	10.55	0
1321	76.83	0	10.63	0
1322	76.83	1.017	10.63	0
1323	76.83	2.034	10.63	0
1324	76.83	3.051	10.63	0
1325	76.83	4.068	10.63	0
1326	76.83	5.085	10.63	0

1327	76.83	6.102	10.63	0
1328	30.95	0	10.63	0
1329	30.95	6.102	10.63	0
1330	71.2	0	10.65	0
1331	71.2	1.017	10.65	0
1332	71.2	2.034	10.65	0
1333	71.2	3.051	10.65	0
1334	71.2	4.068	10.65	0
1335	71.2	5.085	10.65	0
1336	71.2	6.102	10.65	0
1337	48.34	0	10.65	0
1338	48.34	6.102	10.65	0
1339	64.83	0	10.65	0
1340	64.83	6.102	10.65	0
1341	38.94	0	10.67	0
1342	38.94	1.017	10.67	0
1343	38.94	2.034	10.67	0
1344	38.94	3.051	10.67	0
1345	38.94	4.068	10.67	0
1346	38.94	5.085	10.67	0
1347	38.94	6.102	10.67	0
1348	55.41	0	10.67	0
1349	59.59	0	10.67	0
1350	55.41	1.017	10.67	0
1351	59.59	1.017	10.67	0
1352	55.41	2.034	10.67	0
1353	59.59	2.034	10.67	0
1354	55.41	3.051	10.67	0
1355	59.59	3.051	10.67	0
1356	55.41	4.068	10.67	0
1357	59.59	4.068	10.67	0
1358	55.41	5.085	10.67	0
1359	59.59	5.085	10.67	0
1360	55.41	6.102	10.67	0
1361	59.59	6.102	10.67	0
1362	33.93	0	10.68	0
1363	43.12	0	10.68	0
1364	43.12	1.017	10.68	0
1365	43.12	2.034	10.68	0
1366	43.12	3.051	10.68	0
1367	43.12	4.068	10.68	0
1368	43.12	5.085	10.68	0
1369	33.93	6.102	10.68	0
1370	43.12	6.102	10.68	0
1371	61.86	0	10.69	0
1372	61.86	6.102	10.69	0
1373	36.57	0	10.69	0
1374	50.29	0	10.69	0
1375	36.57	6.102	10.69	0
1376	50.29	6.102	10.69	0
1377	1.61	0	10.69	0
1378	1.61	6.102	10.69	0
1379	15.45	0	10.69	0
1380	15.45	6.102	10.69	0
1381	66.77	0	10.69	0
1382	66.77	6.102	10.69	0
1383	3.585	0	10.7	0
1384	45.38	0	10.7	0
1385	3.585	6.102	10.7	0
1386	45.38	6.102	10.7	0
1387	17.36	0	10.7	0
1388	17.36	6.102	10.7	0
1389	80.53	0	10.71	0
1390	80.53	6.102	10.71	0
1391	31.95	0	10.73	0
1392	31.95	6.102	10.73	0
1393	0.6	0	10.74	0

1394	16.41	0	10.74	0
1395	32.89	0	10.74	0
1396	49.34	0	10.74	0
1397	65.84	0	10.74	0
1398	0.6	6.102	10.74	0
1399	16.41	6.102	10.74	0
1400	32.89	6.102	10.74	0
1401	49.34	6.102	10.74	0
1402	65.84	6.102	10.74	0
1403	29.05	0	10.75	0
1404	29.05	6.102	10.75	0
1405	34.8	0	10.76	0
1406	34.8	6.102	10.76	0
1407	53.09	0	10.76	0
1408	53.09	6.102	10.76	0
1409	12.69	0	10.76	0
1410	12.69	6.102	10.76	0
1411	6.061	0	10.76	0
1412	10.29	0	10.76	0
1413	22.51	0	10.76	0
1414	26.74	0	10.76	0
1415	6.061	1.017	10.76	0
1416	10.29	1.017	10.76	0
1417	22.51	1.017	10.76	0
1418	26.74	1.017	10.76	0
1419	6.061	2.034	10.76	0
1420	10.29	2.034	10.76	0
1421	22.51	2.034	10.76	0
1422	26.74	2.034	10.76	0
1423	6.061	3.051	10.76	0
1424	10.29	3.051	10.76	0
1425	22.51	3.051	10.76	0
1426	26.74	3.051	10.76	0
1427	6.061	4.068	10.76	0
1428	10.29	4.068	10.76	0
1429	22.51	4.068	10.76	0
1430	26.74	4.068	10.76	0
1431	6.061	5.085	10.76	0
1432	10.29	5.085	10.76	0
1433	22.51	5.085	10.76	0
1434	26.74	5.085	10.76	0
1435	6.061	6.102	10.76	0
1436	10.29	6.102	10.76	0
1437	22.51	6.102	10.76	0
1438	26.74	6.102	10.76	0
1439	13.53	0	10.79	0
1440	13.53	6.102	10.79	0
1441	78.53	0	10.79	0
1442	78.53	6.102	10.79	0
1443	52.2	0	10.8	0
1444	52.2	6.102	10.8	0
1445	81.6	0	10.82	0
1446	81.6	6.102	10.82	0
1447	69.51	0	10.82	0
1448	69.51	6.102	10.82	0
1449	37.3	0	10.82	0
1450	39.63	0	10.82	0
1451	68.69	0	10.82	0
1452	39.63	1.017	10.82	0
1453	39.63	2.034	10.82	0
1454	39.63	3.051	10.82	0
1455	39.63	4.068	10.82	0
1456	39.63	5.085	10.82	0
1457	37.3	6.102	10.82	0
1458	39.63	6.102	10.82	0
1459	68.69	6.102	10.82	0
1460	56.1	0	10.83	0

1461	58.9	0	10.83	0
1462	56.1	1.017	10.83	0
1463	58.9	1.017	10.83	0
1464	56.1	2.034	10.83	0
1465	58.9	2.034	10.83	0
1466	56.1	3.051	10.83	0
1467	58.9	3.051	10.83	0
1468	56.1	4.068	10.83	0
1469	58.9	4.068	10.83	0
1470	56.1	5.085	10.83	0
1471	58.9	5.085	10.83	0
1472	56.1	6.102	10.83	0
1473	58.9	6.102	10.83	0
1474	42.43	0	10.83	0
1475	42.43	1.017	10.83	0
1476	42.43	2.034	10.83	0
1477	42.43	3.051	10.83	0
1478	42.43	4.068	10.83	0
1479	42.43	5.085	10.83	0
1480	42.43	6.102	10.83	0
1481	19.24	0	10.84	0
1482	19.24	6.102	10.84	0
1483	53.77	0	10.85	0
1484	76.15	0	10.85	0
1485	76.15	1.017	10.85	0
1486	76.15	2.034	10.85	0
1487	76.15	3.051	10.85	0
1488	76.15	4.068	10.85	0
1489	76.15	5.085	10.85	0
1490	53.77	6.102	10.85	0
1491	76.15	6.102	10.85	0
1492	11.91	0	10.86	0
1493	20.76	0	10.86	0
1494	11.91	6.102	10.86	0
1495	20.76	6.102	10.86	0
1496	71.89	0	10.87	0
1497	71.89	1.017	10.87	0
1498	71.89	2.034	10.87	0
1499	71.89	3.051	10.87	0
1500	71.89	4.068	10.87	0
1501	71.89	5.085	10.87	0
1502	71.89	6.102	10.87	0
1503	28.39	0	10.87	0
1504	28.39	6.102	10.87	0
1505	35.68	0	10.87	0
1506	35.68	6.102	10.87	0
1507	61.06	0	10.9	0
1508	61.06	6.102	10.9	0
1509	44.58	0	10.91	0
1510	44.58	6.102	10.91	0
1511	70.3	0	10.91	0
1512	70.3	6.102	10.91	0
1513	40.33	0	10.92	0
1514	40.33	1.017	10.92	0
1515	40.33	2.034	10.92	0
1516	40.33	3.051	10.92	0
1517	40.33	4.068	10.92	0
1518	40.33	5.085	10.92	0
1519	40.33	6.102	10.92	0
1520	56.79	0	10.92	0
1521	58.21	0	10.92	0
1522	56.79	1.017	10.92	0
1523	58.21	1.017	10.92	0
1524	56.79	2.034	10.92	0
1525	58.21	2.034	10.92	0
1526	56.79	3.051	10.92	0
1527	58.21	3.051	10.92	0

1528	56.79	4.068	10.92	0
1529	58.21	4.068	10.92	0
1530	56.79	5.085	10.92	0
1531	58.21	5.085	10.92	0
1532	56.79	6.102	10.92	0
1533	58.21	6.102	10.92	0
1534	41.74	0	10.92	0
1535	41.74	1.017	10.92	0
1536	41.74	2.034	10.92	0
1537	41.74	3.051	10.92	0
1538	41.74	4.068	10.92	0
1539	41.74	5.085	10.92	0
1540	41.74	6.102	10.92	0
1541	6.756	0	10.92	0
1542	9.594	0	10.92	0
1543	23.21	0	10.92	0
1544	26.04	0	10.92	0
1545	6.756	1.017	10.92	0
1546	9.594	1.017	10.92	0
1547	23.21	1.017	10.92	0
1548	26.04	1.017	10.92	0
1549	6.756	2.034	10.92	0
1550	9.594	2.034	10.92	0
1551	23.21	2.034	10.92	0
1552	26.04	2.034	10.92	0
1553	6.756	3.051	10.92	0
1554	9.594	3.051	10.92	0
1555	23.21	3.051	10.92	0
1556	26.04	3.051	10.92	0
1557	6.756	4.068	10.92	0
1558	9.594	4.068	10.92	0
1559	23.21	4.068	10.92	0
1560	26.04	4.068	10.92	0
1561	6.756	5.085	10.92	0
1562	9.594	5.085	10.92	0
1563	23.21	5.085	10.92	0
1564	26.04	5.085	10.92	0
1565	6.756	6.102	10.92	0
1566	9.594	6.102	10.92	0
1567	23.21	6.102	10.92	0
1568	26.04	6.102	10.92	0
1569	4.451	0	10.94	0
1570	4.451	6.102	10.94	0
1571	41.03	0	10.95	0
1572	57.5	0	10.95	0
1573	41.03	1.017	10.95	0
1574	57.5	1.017	10.95	0
1575	41.03	2.034	10.95	0
1576	57.5	2.034	10.95	0
1577	41.03	3.051	10.95	0
1578	57.5	3.051	10.95	0
1579	41.03	4.068	10.95	0
1580	57.5	4.068	10.95	0
1581	41.03	5.085	10.95	0
1582	57.5	5.085	10.95	0
1583	41.03	6.102	10.95	0
1584	57.5	6.102	10.95	0
1585	60.44	0	10.97	0
1586	60.44	6.102	10.97	0
1587	5.136	0	10.98	0
1588	5.136	6.102	10.98	0
1589	43.96	0	10.98	0
1590	43.96	6.102	10.98	0
1591	20.03	0	10.98	0
1592	20.03	6.102	10.98	0
1593	77.71	0	10.99	0
1594	77.71	6.102	10.99	0

1595	75.45	0	11.02	0
1596	75.45	1.017	11.02	0
1597	75.45	2.034	11.02	0
1598	75.45	3.051	11.02	0
1599	75.45	4.068	11.02	0
1600	75.45	5.085	11.02	0
1601	75.45	6.102	11.02	0
1602	7.463	0	11.02	0
1603	8.887	0	11.02	0
1604	23.91	0	11.02	0
1605	25.34	0	11.02	0
1606	7.463	1.017	11.02	0
1607	8.887	1.017	11.02	0
1608	23.91	1.017	11.02	0
1609	25.34	1.017	11.02	0
1610	7.463	2.034	11.02	0
1611	8.887	2.034	11.02	0
1612	23.91	2.034	11.02	0
1613	25.34	2.034	11.02	0
1614	7.463	3.051	11.02	0
1615	8.887	3.051	11.02	0
1616	23.91	3.051	11.02	0
1617	25.34	3.051	11.02	0
1618	7.463	4.068	11.02	0
1619	8.887	4.068	11.02	0
1620	23.91	4.068	11.02	0
1621	25.34	4.068	11.02	0
1622	7.463	5.085	11.02	0
1623	8.887	5.085	11.02	0
1624	23.91	5.085	11.02	0
1625	25.34	5.085	11.02	0
1626	7.463	6.102	11.02	0
1627	8.887	6.102	11.02	0
1628	23.91	6.102	11.02	0
1629	25.34	6.102	11.02	0
1630	72.59	0	11.03	0
1631	72.59	1.017	11.03	0
1632	72.59	2.034	11.03	0
1633	72.59	3.051	11.03	0
1634	72.59	4.068	11.03	0
1635	72.59	5.085	11.03	0
1636	72.59	6.102	11.03	0
1637	8.175	0	11.05	0
1638	24.63	0	11.05	0
1639	8.175	1.017	11.05	0
1640	24.63	1.017	11.05	0
1641	8.175	2.034	11.05	0
1642	24.63	2.034	11.05	0
1643	8.175	3.051	11.05	0
1644	24.63	3.051	11.05	0
1645	8.175	4.068	11.05	0
1646	24.63	4.068	11.05	0
1647	8.175	5.085	11.05	0
1648	24.63	5.085	11.05	0
1649	8.175	6.102	11.05	0
1650	24.63	6.102	11.05	0
1651	77.07	0	11.05	0
1652	77.07	6.102	11.05	0
1653	74.74	0	11.12	0
1654	74.74	1.017	11.12	0
1655	74.74	2.034	11.12	0
1656	74.74	3.051	11.12	0
1657	74.74	4.068	11.12	0
1658	74.74	5.085	11.12	0
1659	74.74	6.102	11.12	0
1660	73.3	0	11.12	0
1661	73.3	1.017	11.12	0

1662	73.3	2.034	11.12	0
1663	73.3	3.051	11.12	0
1664	73.3	4.068	11.12	0
1665	73.3	5.085	11.12	0
1666	73.3	6.102	11.12	0
1667	74	0	11.15	0
1668	74	1.017	11.15	0
1669	74	2.034	11.15	0
1670	74	3.051	11.15	0
1671	74	4.068	11.15	0
1672	74	5.085	11.15	0
1673	74	6.102	11.15	0
1674	0.6	0	11.6	0
1675	1.588	0	11.6	0
1676	2.576	0	11.6	0
1677	3.564	0	11.6	0
1678	4.553	0	11.6	0
1679	5.541	0	11.6	0
1680	6.529	0	11.6	0
1681	7.517	0	11.6	0
1682	8.505	0	11.6	0
1683	9.493	0	11.6	0
1684	10.48	0	11.6	0
1685	11.47	0	11.6	0
1686	12.46	0	11.6	0
1687	13.45	0	11.6	0
1688	14.43	0	11.6	0
1689	15.42	0	11.6	0
1690	16.41	0	11.6	0
1691	17.38	0	11.6	0
1692	18.35	0	11.6	0
1693	19.32	0	11.6	0
1694	20.29	0	11.6	0
1695	21.26	0	11.6	0
1696	22.22	0	11.6	0
1697	23.19	0	11.6	0
1698	24.16	0	11.6	0
1699	25.13	0	11.6	0
1700	26.1	0	11.6	0
1701	27.07	0	11.6	0
1702	28.04	0	11.6	0
1703	29.01	0	11.6	0
1704	29.98	0	11.6	0
1705	30.95	0	11.6	0
1706	31.92	0	11.6	0
1707	32.89	0	11.6	0
1708	33.85	0	11.6	0
1709	34.82	0	11.6	0
1710	35.79	0	11.6	0
1711	36.76	0	11.6	0
1712	37.72	0	11.6	0
1713	38.69	0	11.6	0
1714	39.66	0	11.6	0
1715	40.63	0	11.6	0
1716	41.59	0	11.6	0
1717	42.56	0	11.6	0
1718	43.53	0	11.6	0
1719	44.5	0	11.6	0
1720	45.46	0	11.6	0
1721	46.43	0	11.6	0
1722	47.4	0	11.6	0
1723	48.37	0	11.6	0
1724	49.34	0	11.6	0
1725	50.31	0	11.6	0
1726	51.28	0	11.6	0
1727	52.25	0	11.6	0
1728	53.22	0	11.6	0

1729	54.19	0	11.6	0
1730	55.16	0	11.6	0
1731	56.13	0	11.6	0
1732	57.1	0	11.6	0
1733	58.07	0	11.6	0
1734	59.04	0	11.6	0
1735	60.01	0	11.6	0
1736	60.98	0	11.6	0
1737	61.95	0	11.6	0
1738	62.92	0	11.6	0
1739	63.89	0	11.6	0
1740	64.86	0	11.6	0
1741	65.84	0	11.6	0
1742	0.6	1.22	11.6	0
1743	1.588	1.22	11.6	0
1744	2.576	1.22	11.6	0
1745	3.564	1.22	11.6	0
1746	4.553	1.22	11.6	0
1747	5.541	1.22	11.6	0
1748	6.529	1.22	11.6	0
1749	7.517	1.22	11.6	0
1750	8.505	1.22	11.6	0
1751	9.493	1.22	11.6	0
1752	10.48	1.22	11.6	0
1753	11.47	1.22	11.6	0
1754	12.46	1.22	11.6	0
1755	13.45	1.22	11.6	0
1756	14.43	1.22	11.6	0
1757	15.42	1.22	11.6	0
1758	16.41	1.22	11.6	0
1759	17.38	1.22	11.6	0
1760	18.35	1.22	11.6	0
1761	19.32	1.22	11.6	0
1762	20.29	1.22	11.6	0
1763	21.26	1.22	11.6	0
1764	22.22	1.22	11.6	0
1765	23.19	1.22	11.6	0
1766	24.16	1.22	11.6	0
1767	25.13	1.22	11.6	0
1768	26.1	1.22	11.6	0
1769	27.07	1.22	11.6	0
1770	28.04	1.22	11.6	0
1771	29.01	1.22	11.6	0
1772	29.98	1.22	11.6	0
1773	30.95	1.22	11.6	0
1774	31.92	1.22	11.6	0
1775	32.89	1.22	11.6	0
1776	33.85	1.22	11.6	0
1777	34.82	1.22	11.6	0
1778	35.79	1.22	11.6	0
1779	36.76	1.22	11.6	0
1780	37.72	1.22	11.6	0
1781	38.69	1.22	11.6	0
1782	39.66	1.22	11.6	0
1783	40.63	1.22	11.6	0
1784	41.59	1.22	11.6	0
1785	42.56	1.22	11.6	0
1786	43.53	1.22	11.6	0
1787	44.5	1.22	11.6	0
1788	45.46	1.22	11.6	0
1789	46.43	1.22	11.6	0
1790	47.4	1.22	11.6	0
1791	48.37	1.22	11.6	0
1792	49.34	1.22	11.6	0
1793	50.31	1.22	11.6	0
1794	51.28	1.22	11.6	0
1795	52.25	1.22	11.6	0

1796	53.22	1.22	11.6	0
1797	54.19	1.22	11.6	0
1798	55.16	1.22	11.6	0
1799	56.13	1.22	11.6	0
1800	57.1	1.22	11.6	0
1801	58.07	1.22	11.6	0
1802	59.04	1.22	11.6	0
1803	60.01	1.22	11.6	0
1804	60.98	1.22	11.6	0
1805	61.95	1.22	11.6	0
1806	62.92	1.22	11.6	0
1807	63.89	1.22	11.6	0
1808	64.86	1.22	11.6	0
1809	65.84	1.22	11.6	0
1810	0.6	2.441	11.6	0
1811	1.588	2.441	11.6	0
1812	2.576	2.441	11.6	0
1813	3.564	2.441	11.6	0
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1816	6.529	2.441	11.6	0
1817	7.517	2.441	11.6	0
1818	8.505	2.441	11.6	0
1819	9.493	2.441	11.6	0
1820	10.48	2.441	11.6	0
1821	11.47	2.441	11.6	0
1822	12.46	2.441	11.6	0
1823	13.45	2.441	11.6	0
1824	14.43	2.441	11.6	0
1825	15.42	2.441	11.6	0
1826	16.41	2.441	11.6	0
1827	17.38	2.441	11.6	0
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1839	29.01	2.441	11.6	0
1840	29.98	2.441	11.6	0
1841	30.95	2.441	11.6	0
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1843	32.89	2.441	11.6	0
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1845	34.82	2.441	11.6	0
1846	35.79	2.441	11.6	0
1847	36.76	2.441	11.6	0
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1849	38.69	2.441	11.6	0
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1853	42.56	2.441	11.6	0
1854	43.53	2.441	11.6	0
1855	44.5	2.441	11.6	0
1856	45.46	2.441	11.6	0
1857	46.43	2.441	11.6	0
1858	47.4	2.441	11.6	0
1859	48.37	2.441	11.6	0
1860	49.34	2.441	11.6	0
1861	50.31	2.441	11.6	0
1862	51.28	2.441	11.6	0

1863	52.25	2.441	11.6	0
1864	53.22	2.441	11.6	0
1865	54.19	2.441	11.6	0
1866	55.16	2.441	11.6	0
1867	56.13	2.441	11.6	0
1868	57.1	2.441	11.6	0
1869	58.07	2.441	11.6	0
1870	59.04	2.441	11.6	0
1871	60.01	2.441	11.6	0
1872	60.98	2.441	11.6	0
1873	61.95	2.441	11.6	0
1874	62.92	2.441	11.6	0
1875	63.89	2.441	11.6	0
1876	64.86	2.441	11.6	0
1877	65.84	2.441	11.6	0
1878	0.6	3.661	11.6	0
1879	1.588	3.661	11.6	0
1880	2.576	3.661	11.6	0
1881	3.564	3.661	11.6	0
1882	4.553	3.661	11.6	0
1883	5.541	3.661	11.6	0
1884	6.529	3.661	11.6	0
1885	7.517	3.661	11.6	0
1886	8.505	3.661	11.6	0
1887	9.493	3.661	11.6	0
1888	10.48	3.661	11.6	0
1889	11.47	3.661	11.6	0
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1891	13.45	3.661	11.6	0
1892	14.43	3.661	11.6	0
1893	15.42	3.661	11.6	0
1894	16.41	3.661	11.6	0
1895	17.38	3.661	11.6	0
1896	18.35	3.661	11.6	0
1897	19.32	3.661	11.6	0
1898	20.29	3.661	11.6	0
1899	21.26	3.661	11.6	0
1900	22.22	3.661	11.6	0
1901	23.19	3.661	11.6	0
1902	24.16	3.661	11.6	0
1903	25.13	3.661	11.6	0
1904	26.1	3.661	11.6	0
1905	27.07	3.661	11.6	0
1906	28.04	3.661	11.6	0
1907	29.01	3.661	11.6	0
1908	29.98	3.661	11.6	0
1909	30.95	3.661	11.6	0
1910	31.92	3.661	11.6	0
1911	32.89	3.661	11.6	0
1912	33.85	3.661	11.6	0
1913	34.82	3.661	11.6	0
1914	35.79	3.661	11.6	0
1915	36.76	3.661	11.6	0
1916	37.72	3.661	11.6	0
1917	38.69	3.661	11.6	0
1918	39.66	3.661	11.6	0
1919	40.63	3.661	11.6	0
1920	41.59	3.661	11.6	0
1921	42.56	3.661	11.6	0
1922	43.53	3.661	11.6	0
1923	44.5	3.661	11.6	0
1924	45.46	3.661	11.6	0
1925	46.43	3.661	11.6	0
1926	47.4	3.661	11.6	0
1927	48.37	3.661	11.6	0
1928	49.34	3.661	11.6	0
1929	50.31	3.661	11.6	0

1930	51.28	3.661	11.6	0
1931	52.25	3.661	11.6	0
1932	53.22	3.661	11.6	0
1933	54.19	3.661	11.6	0
1934	55.16	3.661	11.6	0
1935	56.13	3.661	11.6	0
1936	57.1	3.661	11.6	0
1937	58.07	3.661	11.6	0
1938	59.04	3.661	11.6	0
1939	60.01	3.661	11.6	0
1940	60.98	3.661	11.6	0
1941	61.95	3.661	11.6	0
1942	62.92	3.661	11.6	0
1943	63.89	3.661	11.6	0
1944	64.86	3.661	11.6	0
1945	65.84	3.661	11.6	0
1946	0.6	4.882	11.6	0
1947	1.588	4.882	11.6	0
1948	2.576	4.882	11.6	0
1949	3.564	4.882	11.6	0
1950	4.553	4.882	11.6	0
1951	5.541	4.882	11.6	0
1952	6.529	4.882	11.6	0
1953	7.517	4.882	11.6	0
1954	8.505	4.882	11.6	0
1955	9.493	4.882	11.6	0
1956	10.48	4.882	11.6	0
1957	11.47	4.882	11.6	0
1958	12.46	4.882	11.6	0
1959	13.45	4.882	11.6	0
1960	14.43	4.882	11.6	0
1961	15.42	4.882	11.6	0
1962	16.41	4.882	11.6	0
1963	17.38	4.882	11.6	0
1964	18.35	4.882	11.6	0
1965	19.32	4.882	11.6	0
1966	20.29	4.882	11.6	0
1967	21.26	4.882	11.6	0
1968	22.22	4.882	11.6	0
1969	23.19	4.882	11.6	0
1970	24.16	4.882	11.6	0
1971	25.13	4.882	11.6	0
1972	26.1	4.882	11.6	0
1973	27.07	4.882	11.6	0
1974	28.04	4.882	11.6	0
1975	29.01	4.882	11.6	0
1976	29.98	4.882	11.6	0
1977	30.95	4.882	11.6	0
1978	31.92	4.882	11.6	0
1979	32.89	4.882	11.6	0
1980	33.85	4.882	11.6	0
1981	34.82	4.882	11.6	0
1982	35.79	4.882	11.6	0
1983	36.76	4.882	11.6	0
1984	37.72	4.882	11.6	0
1985	38.69	4.882	11.6	0
1986	39.66	4.882	11.6	0
1987	40.63	4.882	11.6	0
1988	41.59	4.882	11.6	0
1989	42.56	4.882	11.6	0
1990	43.53	4.882	11.6	0
1991	44.5	4.882	11.6	0
1992	45.46	4.882	11.6	0
1993	46.43	4.882	11.6	0
1994	47.4	4.882	11.6	0
1995	48.37	4.882	11.6	0
1996	49.34	4.882	11.6	0

1997	50.31	4.882	11.6	0
1998	51.28	4.882	11.6	0
1999	52.25	4.882	11.6	0
2000	53.22	4.882	11.6	0
2001	54.19	4.882	11.6	0
2002	55.16	4.882	11.6	0
2003	56.13	4.882	11.6	0
2004	57.1	4.882	11.6	0
2005	58.07	4.882	11.6	0
2006	59.04	4.882	11.6	0
2007	60.01	4.882	11.6	0
2008	60.98	4.882	11.6	0
2009	61.95	4.882	11.6	0
2010	62.92	4.882	11.6	0
2011	63.89	4.882	11.6	0
2012	64.86	4.882	11.6	0
2013	65.84	4.882	11.6	0
2014	0.6	6.102	11.6	0
2015	1.588	6.102	11.6	0
2016	2.576	6.102	11.6	0
2017	3.564	6.102	11.6	0
2018	4.553	6.102	11.6	0
2019	5.541	6.102	11.6	0
2020	6.529	6.102	11.6	0
2021	7.517	6.102	11.6	0
2022	8.505	6.102	11.6	0
2023	9.493	6.102	11.6	0
2024	10.48	6.102	11.6	0
2025	11.47	6.102	11.6	0
2026	12.46	6.102	11.6	0
2027	13.45	6.102	11.6	0
2028	14.43	6.102	11.6	0
2029	15.42	6.102	11.6	0
2030	16.41	6.102	11.6	0
2031	17.38	6.102	11.6	0
2032	18.35	6.102	11.6	0
2033	19.32	6.102	11.6	0
2034	20.29	6.102	11.6	0
2035	21.26	6.102	11.6	0
2036	22.22	6.102	11.6	0
2037	23.19	6.102	11.6	0
2038	24.16	6.102	11.6	0
2039	25.13	6.102	11.6	0
2040	26.1	6.102	11.6	0
2041	27.07	6.102	11.6	0
2042	28.04	6.102	11.6	0
2043	29.01	6.102	11.6	0
2044	29.98	6.102	11.6	0
2045	30.95	6.102	11.6	0
2046	31.92	6.102	11.6	0
2047	32.89	6.102	11.6	0
2048	33.85	6.102	11.6	0
2049	34.82	6.102	11.6	0
2050	35.79	6.102	11.6	0
2051	36.76	6.102	11.6	0
2052	37.72	6.102	11.6	0
2053	38.69	6.102	11.6	0
2054	39.66	6.102	11.6	0
2055	40.63	6.102	11.6	0
2056	41.59	6.102	11.6	0
2057	42.56	6.102	11.6	0
2058	43.53	6.102	11.6	0
2059	44.5	6.102	11.6	0
2060	45.46	6.102	11.6	0
2061	46.43	6.102	11.6	0
2062	47.4	6.102	11.6	0
2063	48.37	6.102	11.6	0

2064	49.34	6.102	11.6	0
2065	50.31	6.102	11.6	0
2066	51.28	6.102	11.6	0
2067	52.25	6.102	11.6	0
2068	53.22	6.102	11.6	0
2069	54.19	6.102	11.6	0
2070	55.16	6.102	11.6	0
2071	56.13	6.102	11.6	0
2072	57.1	6.102	11.6	0
2073	58.07	6.102	11.6	0
2074	59.04	6.102	11.6	0
2075	60.01	6.102	11.6	0
2076	60.98	6.102	11.6	0
2077	61.95	6.102	11.6	0
2078	62.92	6.102	11.6	0
2079	63.89	6.102	11.6	0
2080	64.86	6.102	11.6	0
2081	65.84	6.102	11.6	0
2082	66.82	0	11.61	0
2083	66.82	1.22	11.61	0
2084	66.82	2.441	11.61	0
2085	66.82	3.661	11.61	0
2086	66.82	4.882	11.61	0
2087	66.82	6.102	11.61	0
2088	67.81	0	11.61	0
2089	67.81	1.22	11.61	0
2090	67.81	2.441	11.61	0
2091	67.81	3.661	11.61	0
2092	67.81	4.882	11.61	0
2093	67.81	6.102	11.61	0
2094	68.79	0	11.62	0
2095	68.79	1.22	11.62	0
2096	68.79	2.441	11.62	0
2097	68.79	3.661	11.62	0
2098	68.79	4.882	11.62	0
2099	68.79	6.102	11.62	0
2100	69.78	0	11.62	0
2101	69.78	1.22	11.62	0
2102	69.78	2.441	11.62	0
2103	69.78	3.661	11.62	0
2104	69.78	4.882	11.62	0
2105	69.78	6.102	11.62	0
2106	70.76	0	11.63	0
2107	70.76	1.22	11.63	0
2108	70.76	2.441	11.63	0
2109	70.76	3.661	11.63	0
2110	70.76	4.882	11.63	0
2111	70.76	6.102	11.63	0
2112	71.75	0	11.63	0
2113	71.75	1.22	11.63	0
2114	71.75	2.441	11.63	0
2115	71.75	3.661	11.63	0
2116	71.75	4.882	11.63	0
2117	71.75	6.102	11.63	0
2118	72.73	0	11.64	0
2119	72.73	1.22	11.64	0
2120	72.73	2.441	11.64	0
2121	72.73	3.661	11.64	0
2122	72.73	4.882	11.64	0
2123	72.73	6.102	11.64	0
2124	73.72	0	11.64	0
2125	73.72	1.22	11.64	0
2126	73.72	2.441	11.64	0
2127	73.72	3.661	11.64	0
2128	73.72	4.882	11.64	0
2129	73.72	6.102	11.64	0
2130	74.7	0	11.65	0

2131	74.7	1.22	11.65	0
2132	74.7	2.441	11.65	0
2133	74.7	3.661	11.65	0
2134	74.7	4.882	11.65	0
2135	74.7	6.102	11.65	0
2136	75.69	0	11.66	0
2137	75.69	1.22	11.66	0
2138	75.69	2.441	11.66	0
2139	75.69	3.661	11.66	0
2140	75.69	4.882	11.66	0
2141	75.69	6.102	11.66	0
2142	76.67	0	11.66	0
2143	76.67	1.22	11.66	0
2144	76.67	2.441	11.66	0
2145	76.67	3.661	11.66	0
2146	76.67	4.882	11.66	0
2147	76.67	6.102	11.66	0
2148	77.66	0	11.67	0
2149	77.66	1.22	11.67	0
2150	77.66	2.441	11.67	0
2151	77.66	3.661	11.67	0
2152	77.66	4.882	11.67	0
2153	77.66	6.102	11.67	0
2154	78.64	0	11.67	0
2155	78.64	1.22	11.67	0
2156	78.64	2.441	11.67	0
2157	78.64	3.661	11.67	0
2158	78.64	4.882	11.67	0
2159	78.64	6.102	11.67	0
2160	79.63	0	11.68	0
2161	79.63	1.22	11.68	0
2162	79.63	2.441	11.68	0
2163	79.63	3.661	11.68	0
2164	79.63	4.882	11.68	0
2165	79.63	6.102	11.68	0
2166	80.61	0	11.68	0
2167	80.61	1.22	11.68	0
2168	80.61	2.441	11.68	0
2169	80.61	3.661	11.68	0
2170	80.61	4.882	11.68	0
2171	80.61	6.102	11.68	0
2172	81.6	0	11.69	0
2173	81.6	1.22	11.69	0
2174	81.6	2.441	11.69	0
2175	81.6	3.661	11.69	0
2176	81.6	4.882	11.69	0
2177	81.6	6.102	11.69	0

7.3 Aste della struttura.

Nella tabella seguente sono riportate le aste riscontrate nel modello FEM per l'analisi della struttura.

*** BEAM MEMBER DATA

	NO NODAL CONNECTIVITY		BEAM END RELEASE		MATERIAL	SECTION	LENGTH
	I	J	I	J			
1083	1167	1168	-	-	C32/40	TR_60x100	1.017
1084	1168	1169	-	-	C32/40	TR_60x100	1.017
1085	1169	1170	-	-	C32/40	TR_60x100	1.017
1086	1170	1171	-	-	C32/40	TR_60x100	1.017
1087	1171	1172	-	-	C32/40	TR_60x100	1.017
1088	1172	1173	-	-	C32/40	TR_60x100	1.017
1095	1176	1178	-	-	C32/40	TR_60x100	1.017
1096	1177	1179	-	-	C32/40	TR_60x100	1.017
1097	1178	1180	-	-	C32/40	TR_60x100	1.017
1098	1179	1181	-	-	C32/40	TR_60x100	1.017
1099	1180	1182	-	-	C32/40	TR_60x100	1.017

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1100	1181	1183	-	-	C32/40	TR_60x100	1.017
1101	1182	1184	-	-	C32/40	TR_60x100	1.017
1102	1183	1185	-	-	C32/40	TR_60x100	1.017
1103	1184	1186	-	-	C32/40	TR_60x100	1.017
1104	1185	1187	-	-	C32/40	TR_60x100	1.017
1105	1186	1188	-	-	C32/40	TR_60x100	1.017
1106	1187	1189	-	-	C32/40	TR_60x100	1.017
1116	1190	1191	-	-	C32/40	TR_60x100	1.017
1117	1191	1192	-	-	C32/40	TR_60x100	1.017
1118	1192	1193	-	-	C32/40	TR_60x100	1.017
1119	1193	1194	-	-	C32/40	TR_60x100	1.017
1120	1194	1195	-	-	C32/40	TR_60x100	1.017
1121	1195	1196	-	-	C32/40	TR_60x100	1.017
1129	1199	1203	-	-	C32/40	TR_60x100	1.017
1130	1200	1204	-	-	C32/40	TR_60x100	1.017
1131	1201	1205	-	-	C32/40	TR_60x100	1.017
1132	1202	1206	-	-	C32/40	TR_60x100	1.017
1133	1203	1207	-	-	C32/40	TR_60x100	1.017
1134	1204	1208	-	-	C32/40	TR_60x100	1.017
1135	1205	1209	-	-	C32/40	TR_60x100	1.017
1136	1206	1210	-	-	C32/40	TR_60x100	1.017
1137	1207	1211	-	-	C32/40	TR_60x100	1.017
1138	1208	1212	-	-	C32/40	TR_60x100	1.017
1139	1209	1213	-	-	C32/40	TR_60x100	1.017
1140	1210	1214	-	-	C32/40	TR_60x100	1.017
1141	1211	1215	-	-	C32/40	TR_60x100	1.017
1142	1212	1216	-	-	C32/40	TR_60x100	1.017
1143	1213	1217	-	-	C32/40	TR_60x100	1.017
1144	1214	1218	-	-	C32/40	TR_60x100	1.017
1145	1215	1219	-	-	C32/40	TR_60x100	1.017
1146	1216	1220	-	-	C32/40	TR_60x100	1.017
1147	1217	1221	-	-	C32/40	TR_60x100	1.017
1148	1218	1222	-	-	C32/40	TR_60x100	1.017
1149	1219	1223	-	-	C32/40	TR_60x100	1.017
1150	1220	1224	-	-	C32/40	TR_60x100	1.017
1151	1221	1225	-	-	C32/40	TR_60x100	1.017
1152	1222	1226	-	-	C32/40	TR_60x100	1.017
1207	1227	1228	-	-	C32/40	TR_60x100	1.017
1208	1228	1229	-	-	C32/40	TR_60x100	1.017
1209	1229	1230	-	-	C32/40	TR_60x100	1.017
1210	1230	1231	-	-	C32/40	TR_60x100	1.017
1211	1231	1232	-	-	C32/40	TR_60x100	1.017
1212	1232	1233	-	-	C32/40	TR_60x100	1.017
1214	1234	1235	-	-	C32/40	TR_60x100	1.017
1215	1235	1236	-	-	C32/40	TR_60x100	1.017
1216	1236	1237	-	-	C32/40	TR_60x100	1.017
1217	1237	1238	-	-	C32/40	TR_60x100	1.017
1218	1238	1239	-	-	C32/40	TR_60x100	1.017
1219	1239	1240	-	-	C32/40	TR_60x100	1.017
1733	1675	1674	-	-	Dummy	Dummy	0.9881
1734	1676	1675	-	-	Dummy	Dummy	0.9881
1735	1677	1676	-	-	Dummy	Dummy	0.9881
1736	1678	1677	-	-	Dummy	Dummy	0.9881
1737	1679	1678	-	-	Dummy	Dummy	0.9881
1738	1680	1679	-	-	Dummy	Dummy	0.9881
1739	1681	1680	-	-	Dummy	Dummy	0.9881
1740	1682	1681	-	-	Dummy	Dummy	0.9881
1741	1683	1682	-	-	Dummy	Dummy	0.9881
1742	1684	1683	-	-	Dummy	Dummy	0.9881
1743	1685	1684	-	-	Dummy	Dummy	0.9881
1744	1686	1685	-	-	Dummy	Dummy	0.9881
1745	1687	1686	-	-	Dummy	Dummy	0.9881
1746	1688	1687	-	-	Dummy	Dummy	0.9881
1747	1689	1688	-	-	Dummy	Dummy	0.9881
1748	1690	1689	-	-	Dummy	Dummy	0.9881
1749	1691	1690	-	-	Dummy	Dummy	0.9691
1750	1692	1691	-	-	Dummy	Dummy	0.9691
1751	1693	1692	-	-	Dummy	Dummy	0.9691
1752	1694	1693	-	-	Dummy	Dummy	0.9691
1753	1695	1694	-	-	Dummy	Dummy	0.9691
1754	1696	1695	-	-	Dummy	Dummy	0.9691
1755	1697	1696	-	-	Dummy	Dummy	0.9691
1756	1698	1697	-	-	Dummy	Dummy	0.9691
1757	1699	1698	-	-	Dummy	Dummy	0.9691
1758	1700	1699	-	-	Dummy	Dummy	0.9691
1759	1701	1700	-	-	Dummy	Dummy	0.9691
1760	1702	1701	-	-	Dummy	Dummy	0.9691

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1761	1703	1702	-	-	Dummy	Dummy	0.9691
1762	1704	1703	-	-	Dummy	Dummy	0.9691
1763	1705	1704	-	-	Dummy	Dummy	0.9691
1764	1706	1705	-	-	Dummy	Dummy	0.9691
1765	1707	1706	-	-	Dummy	Dummy	0.9691
1766	1708	1707	-	-	Dummy	Dummy	0.9676
1767	1709	1708	-	-	Dummy	Dummy	0.9676
1768	1710	1709	-	-	Dummy	Dummy	0.9676
1769	1711	1710	-	-	Dummy	Dummy	0.9676
1770	1712	1711	-	-	Dummy	Dummy	0.9676
1771	1713	1712	-	-	Dummy	Dummy	0.9676
1772	1714	1713	-	-	Dummy	Dummy	0.9676
1773	1715	1714	-	-	Dummy	Dummy	0.9676
1774	1716	1715	-	-	Dummy	Dummy	0.9676
1775	1717	1716	-	-	Dummy	Dummy	0.9676
1776	1718	1717	-	-	Dummy	Dummy	0.9676
1777	1719	1718	-	-	Dummy	Dummy	0.9676
1778	1720	1719	-	-	Dummy	Dummy	0.9676
1779	1721	1720	-	-	Dummy	Dummy	0.9676
1780	1722	1721	-	-	Dummy	Dummy	0.9676
1781	1723	1722	-	-	Dummy	Dummy	0.9676
1782	1724	1723	-	-	Dummy	Dummy	0.9676
1783	1725	1724	-	-	Dummy	Dummy	0.9706
1784	1726	1725	-	-	Dummy	Dummy	0.9706
1785	1727	1726	-	-	Dummy	Dummy	0.9706
1786	1728	1727	-	-	Dummy	Dummy	0.9706
1787	1729	1728	-	-	Dummy	Dummy	0.9706
1788	1730	1729	-	-	Dummy	Dummy	0.9706
1789	1731	1730	-	-	Dummy	Dummy	0.9706
1790	1732	1731	-	-	Dummy	Dummy	0.9706
1791	1733	1732	-	-	Dummy	Dummy	0.9706
1792	1734	1733	-	-	Dummy	Dummy	0.9706
1793	1735	1734	-	-	Dummy	Dummy	0.9706
1794	1736	1735	-	-	Dummy	Dummy	0.9706
1795	1737	1736	-	-	Dummy	Dummy	0.9706
1796	1738	1737	-	-	Dummy	Dummy	0.9706
1797	1739	1738	-	-	Dummy	Dummy	0.9706
1798	1740	1739	-	-	Dummy	Dummy	0.9706
1799	1741	1740	-	-	Dummy	Dummy	0.9706
1800	1674	1742	-	-	Dummy Transverse	dec~	1.22
1802	1675	1743	-	-	Dummy Transverse	dec~	1.22
1804	1676	1744	-	-	Dummy Transverse	dec~	1.22
1806	1677	1745	-	-	Dummy Transverse	dec~	1.22
1808	1678	1746	-	-	Dummy Transverse	dec~	1.22
1810	1679	1747	-	-	Dummy Transverse	dec~	1.22
1812	1680	1748	-	-	Dummy Transverse	dec~	1.22
1814	1681	1749	-	-	Dummy Transverse	dec~	1.22
1816	1682	1750	-	-	Dummy Transverse	dec~	1.22
1818	1683	1751	-	-	Dummy Transverse	dec~	1.22
1820	1684	1752	-	-	Dummy Transverse	dec~	1.22
1822	1685	1753	-	-	Dummy Transverse	dec~	1.22
1824	1686	1754	-	-	Dummy Transverse	dec~	1.22
1826	1687	1755	-	-	Dummy Transverse	dec~	1.22
1828	1688	1756	-	-	Dummy Transverse	dec~	1.22
1830	1689	1757	-	-	Dummy Transverse	dec~	1.22
1832	1690	1758	-	-	Dummy Transverse	dec~	1.22
1834	1691	1759	-	-	Dummy Transverse	dec~	1.22
1836	1692	1760	-	-	Dummy Transverse	dec~	1.22
1838	1693	1761	-	-	Dummy Transverse	dec~	1.22
1840	1694	1762	-	-	Dummy Transverse	dec~	1.22
1842	1695	1763	-	-	Dummy Transverse	dec~	1.22
1844	1696	1764	-	-	Dummy Transverse	dec~	1.22
1846	1697	1765	-	-	Dummy Transverse	dec~	1.22
1848	1698	1766	-	-	Dummy Transverse	dec~	1.22
1850	1699	1767	-	-	Dummy Transverse	dec~	1.22
1852	1700	1768	-	-	Dummy Transverse	dec~	1.22
1854	1701	1769	-	-	Dummy Transverse	dec~	1.22
1856	1702	1770	-	-	Dummy Transverse	dec~	1.22
1858	1703	1771	-	-	Dummy Transverse	dec~	1.22
1860	1704	1772	-	-	Dummy Transverse	dec~	1.22
1862	1705	1773	-	-	Dummy Transverse	dec~	1.22
1864	1706	1774	-	-	Dummy Transverse	dec~	1.22
1866	1707	1775	-	-	Dummy Transverse	dec~	1.22
1868	1708	1776	-	-	Dummy Transverse	dec~	1.22
1870	1709	1777	-	-	Dummy Transverse	dec~	1.22
1872	1710	1778	-	-	Dummy Transverse	dec~	1.22
1874	1711	1779	-	-	Dummy Transverse	dec~	1.22

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1876	1712	1780	-	-	Dummy	Transverse	dec~	1.22
1878	1713	1781	-	-	Dummy	Transverse	dec~	1.22
1880	1714	1782	-	-	Dummy	Transverse	dec~	1.22
1882	1715	1783	-	-	Dummy	Transverse	dec~	1.22
1884	1716	1784	-	-	Dummy	Transverse	dec~	1.22
1886	1717	1785	-	-	Dummy	Transverse	dec~	1.22
1888	1718	1786	-	-	Dummy	Transverse	dec~	1.22
1890	1719	1787	-	-	Dummy	Transverse	dec~	1.22
1892	1720	1788	-	-	Dummy	Transverse	dec~	1.22
1894	1721	1789	-	-	Dummy	Transverse	dec~	1.22
1896	1722	1790	-	-	Dummy	Transverse	dec~	1.22
1898	1723	1791	-	-	Dummy	Transverse	dec~	1.22
1900	1724	1792	-	-	Dummy	Transverse	dec~	1.22
1902	1725	1793	-	-	Dummy	Transverse	dec~	1.22
1904	1726	1794	-	-	Dummy	Transverse	dec~	1.22
1906	1727	1795	-	-	Dummy	Transverse	dec~	1.22
1908	1728	1796	-	-	Dummy	Transverse	dec~	1.22
1910	1729	1797	-	-	Dummy	Transverse	dec~	1.22
1912	1730	1798	-	-	Dummy	Transverse	dec~	1.22
1914	1731	1799	-	-	Dummy	Transverse	dec~	1.22
1916	1732	1800	-	-	Dummy	Transverse	dec~	1.22
1918	1733	1801	-	-	Dummy	Transverse	dec~	1.22
1920	1734	1802	-	-	Dummy	Transverse	dec~	1.22
1922	1735	1803	-	-	Dummy	Transverse	dec~	1.22
1924	1736	1804	-	-	Dummy	Transverse	dec~	1.22
1926	1737	1805	-	-	Dummy	Transverse	dec~	1.22
1928	1738	1806	-	-	Dummy	Transverse	dec~	1.22
1930	1739	1807	-	-	Dummy	Transverse	dec~	1.22
1932	1740	1808	-	-	Dummy	Transverse	dec~	1.22
1934	1741	1809	-	-	Dummy	Transverse	dec~	1.22
1935	1742	1810	-	-	Dummy	Transverse	dec~	1.22
1937	1743	1811	-	-	Dummy	Transverse	dec~	1.22
1939	1744	1812	-	-	Dummy	Transverse	dec~	1.22
1941	1745	1813	-	-	Dummy	Transverse	dec~	1.22
1943	1746	1814	-	-	Dummy	Transverse	dec~	1.22
1945	1747	1815	-	-	Dummy	Transverse	dec~	1.22
1947	1748	1816	-	-	Dummy	Transverse	dec~	1.22
1949	1749	1817	-	-	Dummy	Transverse	dec~	1.22
1951	1750	1818	-	-	Dummy	Transverse	dec~	1.22
1953	1751	1819	-	-	Dummy	Transverse	dec~	1.22
1955	1752	1820	-	-	Dummy	Transverse	dec~	1.22
1957	1753	1821	-	-	Dummy	Transverse	dec~	1.22
1959	1754	1822	-	-	Dummy	Transverse	dec~	1.22
1961	1755	1823	-	-	Dummy	Transverse	dec~	1.22
1963	1756	1824	-	-	Dummy	Transverse	dec~	1.22
1965	1757	1825	-	-	Dummy	Transverse	dec~	1.22
1967	1758	1826	-	-	Dummy	Transverse	dec~	1.22
1969	1759	1827	-	-	Dummy	Transverse	dec~	1.22
1971	1760	1828	-	-	Dummy	Transverse	dec~	1.22
1973	1761	1829	-	-	Dummy	Transverse	dec~	1.22
1975	1762	1830	-	-	Dummy	Transverse	dec~	1.22
1977	1763	1831	-	-	Dummy	Transverse	dec~	1.22
1979	1764	1832	-	-	Dummy	Transverse	dec~	1.22
1981	1765	1833	-	-	Dummy	Transverse	dec~	1.22
1983	1766	1834	-	-	Dummy	Transverse	dec~	1.22
1985	1767	1835	-	-	Dummy	Transverse	dec~	1.22
1987	1768	1836	-	-	Dummy	Transverse	dec~	1.22
1989	1769	1837	-	-	Dummy	Transverse	dec~	1.22
1991	1770	1838	-	-	Dummy	Transverse	dec~	1.22
1993	1771	1839	-	-	Dummy	Transverse	dec~	1.22
1995	1772	1840	-	-	Dummy	Transverse	dec~	1.22
1997	1773	1841	-	-	Dummy	Transverse	dec~	1.22
1999	1774	1842	-	-	Dummy	Transverse	dec~	1.22
2001	1775	1843	-	-	Dummy	Transverse	dec~	1.22
2003	1776	1844	-	-	Dummy	Transverse	dec~	1.22
2005	1777	1845	-	-	Dummy	Transverse	dec~	1.22
2007	1778	1846	-	-	Dummy	Transverse	dec~	1.22
2009	1779	1847	-	-	Dummy	Transverse	dec~	1.22
2011	1780	1848	-	-	Dummy	Transverse	dec~	1.22
2013	1781	1849	-	-	Dummy	Transverse	dec~	1.22
2015	1782	1850	-	-	Dummy	Transverse	dec~	1.22
2017	1783	1851	-	-	Dummy	Transverse	dec~	1.22
2019	1784	1852	-	-	Dummy	Transverse	dec~	1.22
2021	1785	1853	-	-	Dummy	Transverse	dec~	1.22
2023	1786	1854	-	-	Dummy	Transverse	dec~	1.22
2025	1787	1855	-	-	Dummy	Transverse	dec~	1.22
2027	1788	1856	-	-	Dummy	Transverse	dec~	1.22

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2029	1789	1857	-	-	Dummy	Transverse	dec~	1.22
2031	1790	1858	-	-	Dummy	Transverse	dec~	1.22
2033	1791	1859	-	-	Dummy	Transverse	dec~	1.22
2035	1792	1860	-	-	Dummy	Transverse	dec~	1.22
2037	1793	1861	-	-	Dummy	Transverse	dec~	1.22
2039	1794	1862	-	-	Dummy	Transverse	dec~	1.22
2041	1795	1863	-	-	Dummy	Transverse	dec~	1.22
2043	1796	1864	-	-	Dummy	Transverse	dec~	1.22
2045	1797	1865	-	-	Dummy	Transverse	dec~	1.22
2047	1798	1866	-	-	Dummy	Transverse	dec~	1.22
2049	1799	1867	-	-	Dummy	Transverse	dec~	1.22
2051	1800	1868	-	-	Dummy	Transverse	dec~	1.22
2053	1801	1869	-	-	Dummy	Transverse	dec~	1.22
2055	1802	1870	-	-	Dummy	Transverse	dec~	1.22
2057	1803	1871	-	-	Dummy	Transverse	dec~	1.22
2059	1804	1872	-	-	Dummy	Transverse	dec~	1.22
2061	1805	1873	-	-	Dummy	Transverse	dec~	1.22
2063	1806	1874	-	-	Dummy	Transverse	dec~	1.22
2065	1807	1875	-	-	Dummy	Transverse	dec~	1.22
2067	1808	1876	-	-	Dummy	Transverse	dec~	1.22
2069	1809	1877	-	-	Dummy	Transverse	dec~	1.22
2070	1810	1878	-	-	Dummy	Transverse	dec~	1.22
2072	1811	1879	-	-	Dummy	Transverse	dec~	1.22
2074	1812	1880	-	-	Dummy	Transverse	dec~	1.22
2076	1813	1881	-	-	Dummy	Transverse	dec~	1.22
2078	1814	1882	-	-	Dummy	Transverse	dec~	1.22
2080	1815	1883	-	-	Dummy	Transverse	dec~	1.22
2082	1816	1884	-	-	Dummy	Transverse	dec~	1.22
2084	1817	1885	-	-	Dummy	Transverse	dec~	1.22
2086	1818	1886	-	-	Dummy	Transverse	dec~	1.22
2088	1819	1887	-	-	Dummy	Transverse	dec~	1.22
2090	1820	1888	-	-	Dummy	Transverse	dec~	1.22
2092	1821	1889	-	-	Dummy	Transverse	dec~	1.22
2094	1822	1890	-	-	Dummy	Transverse	dec~	1.22
2096	1823	1891	-	-	Dummy	Transverse	dec~	1.22
2098	1824	1892	-	-	Dummy	Transverse	dec~	1.22
2100	1825	1893	-	-	Dummy	Transverse	dec~	1.22
2102	1826	1894	-	-	Dummy	Transverse	dec~	1.22
2104	1827	1895	-	-	Dummy	Transverse	dec~	1.22
2106	1828	1896	-	-	Dummy	Transverse	dec~	1.22
2108	1829	1897	-	-	Dummy	Transverse	dec~	1.22
2110	1830	1898	-	-	Dummy	Transverse	dec~	1.22
2112	1831	1899	-	-	Dummy	Transverse	dec~	1.22
2114	1832	1900	-	-	Dummy	Transverse	dec~	1.22
2116	1833	1901	-	-	Dummy	Transverse	dec~	1.22
2118	1834	1902	-	-	Dummy	Transverse	dec~	1.22
2120	1835	1903	-	-	Dummy	Transverse	dec~	1.22
2122	1836	1904	-	-	Dummy	Transverse	dec~	1.22
2124	1837	1905	-	-	Dummy	Transverse	dec~	1.22
2126	1838	1906	-	-	Dummy	Transverse	dec~	1.22
2128	1839	1907	-	-	Dummy	Transverse	dec~	1.22
2130	1840	1908	-	-	Dummy	Transverse	dec~	1.22
2132	1841	1909	-	-	Dummy	Transverse	dec~	1.22
2134	1842	1910	-	-	Dummy	Transverse	dec~	1.22
2136	1843	1911	-	-	Dummy	Transverse	dec~	1.22
2138	1844	1912	-	-	Dummy	Transverse	dec~	1.22
2140	1845	1913	-	-	Dummy	Transverse	dec~	1.22
2142	1846	1914	-	-	Dummy	Transverse	dec~	1.22
2144	1847	1915	-	-	Dummy	Transverse	dec~	1.22
2146	1848	1916	-	-	Dummy	Transverse	dec~	1.22
2148	1849	1917	-	-	Dummy	Transverse	dec~	1.22
2150	1850	1918	-	-	Dummy	Transverse	dec~	1.22
2152	1851	1919	-	-	Dummy	Transverse	dec~	1.22
2154	1852	1920	-	-	Dummy	Transverse	dec~	1.22
2156	1853	1921	-	-	Dummy	Transverse	dec~	1.22
2158	1854	1922	-	-	Dummy	Transverse	dec~	1.22
2160	1855	1923	-	-	Dummy	Transverse	dec~	1.22
2162	1856	1924	-	-	Dummy	Transverse	dec~	1.22
2164	1857	1925	-	-	Dummy	Transverse	dec~	1.22
2166	1858	1926	-	-	Dummy	Transverse	dec~	1.22
2168	1859	1927	-	-	Dummy	Transverse	dec~	1.22
2170	1860	1928	-	-	Dummy	Transverse	dec~	1.22
2172	1861	1929	-	-	Dummy	Transverse	dec~	1.22
2174	1862	1930	-	-	Dummy	Transverse	dec~	1.22
2176	1863	1931	-	-	Dummy	Transverse	dec~	1.22
2178	1864	1932	-	-	Dummy	Transverse	dec~	1.22
2180	1865	1933	-	-	Dummy	Transverse	dec~	1.22

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2182	1866	1934	-	-	Dummy	Transverse	dec~	1.22
2184	1867	1935	-	-	Dummy	Transverse	dec~	1.22
2186	1868	1936	-	-	Dummy	Transverse	dec~	1.22
2188	1869	1937	-	-	Dummy	Transverse	dec~	1.22
2190	1870	1938	-	-	Dummy	Transverse	dec~	1.22
2192	1871	1939	-	-	Dummy	Transverse	dec~	1.22
2194	1872	1940	-	-	Dummy	Transverse	dec~	1.22
2196	1873	1941	-	-	Dummy	Transverse	dec~	1.22
2198	1874	1942	-	-	Dummy	Transverse	dec~	1.22
2200	1875	1943	-	-	Dummy	Transverse	dec~	1.22
2202	1876	1944	-	-	Dummy	Transverse	dec~	1.22
2204	1877	1945	-	-	Dummy	Transverse	dec~	1.22
2205	1878	1946	-	-	Dummy	Transverse	dec~	1.22
2207	1879	1947	-	-	Dummy	Transverse	dec~	1.22
2209	1880	1948	-	-	Dummy	Transverse	dec~	1.22
2211	1881	1949	-	-	Dummy	Transverse	dec~	1.22
2213	1882	1950	-	-	Dummy	Transverse	dec~	1.22
2215	1883	1951	-	-	Dummy	Transverse	dec~	1.22
2217	1884	1952	-	-	Dummy	Transverse	dec~	1.22
2219	1885	1953	-	-	Dummy	Transverse	dec~	1.22
2221	1886	1954	-	-	Dummy	Transverse	dec~	1.22
2223	1887	1955	-	-	Dummy	Transverse	dec~	1.22
2225	1888	1956	-	-	Dummy	Transverse	dec~	1.22
2227	1889	1957	-	-	Dummy	Transverse	dec~	1.22
2229	1890	1958	-	-	Dummy	Transverse	dec~	1.22
2231	1891	1959	-	-	Dummy	Transverse	dec~	1.22
2233	1892	1960	-	-	Dummy	Transverse	dec~	1.22
2235	1893	1961	-	-	Dummy	Transverse	dec~	1.22
2237	1894	1962	-	-	Dummy	Transverse	dec~	1.22
2239	1895	1963	-	-	Dummy	Transverse	dec~	1.22
2241	1896	1964	-	-	Dummy	Transverse	dec~	1.22
2243	1897	1965	-	-	Dummy	Transverse	dec~	1.22
2245	1898	1966	-	-	Dummy	Transverse	dec~	1.22
2247	1899	1967	-	-	Dummy	Transverse	dec~	1.22
2249	1900	1968	-	-	Dummy	Transverse	dec~	1.22
2251	1901	1969	-	-	Dummy	Transverse	dec~	1.22
2253	1902	1970	-	-	Dummy	Transverse	dec~	1.22
2255	1903	1971	-	-	Dummy	Transverse	dec~	1.22
2257	1904	1972	-	-	Dummy	Transverse	dec~	1.22
2259	1905	1973	-	-	Dummy	Transverse	dec~	1.22
2261	1906	1974	-	-	Dummy	Transverse	dec~	1.22
2263	1907	1975	-	-	Dummy	Transverse	dec~	1.22
2265	1908	1976	-	-	Dummy	Transverse	dec~	1.22
2267	1909	1977	-	-	Dummy	Transverse	dec~	1.22
2269	1910	1978	-	-	Dummy	Transverse	dec~	1.22
2271	1911	1979	-	-	Dummy	Transverse	dec~	1.22
2273	1912	1980	-	-	Dummy	Transverse	dec~	1.22
2275	1913	1981	-	-	Dummy	Transverse	dec~	1.22
2277	1914	1982	-	-	Dummy	Transverse	dec~	1.22
2279	1915	1983	-	-	Dummy	Transverse	dec~	1.22
2281	1916	1984	-	-	Dummy	Transverse	dec~	1.22
2283	1917	1985	-	-	Dummy	Transverse	dec~	1.22
2285	1918	1986	-	-	Dummy	Transverse	dec~	1.22
2287	1919	1987	-	-	Dummy	Transverse	dec~	1.22
2289	1920	1988	-	-	Dummy	Transverse	dec~	1.22
2291	1921	1989	-	-	Dummy	Transverse	dec~	1.22
2293	1922	1990	-	-	Dummy	Transverse	dec~	1.22
2295	1923	1991	-	-	Dummy	Transverse	dec~	1.22
2297	1924	1992	-	-	Dummy	Transverse	dec~	1.22
2299	1925	1993	-	-	Dummy	Transverse	dec~	1.22
2301	1926	1994	-	-	Dummy	Transverse	dec~	1.22
2303	1927	1995	-	-	Dummy	Transverse	dec~	1.22
2305	1928	1996	-	-	Dummy	Transverse	dec~	1.22
2307	1929	1997	-	-	Dummy	Transverse	dec~	1.22
2309	1930	1998	-	-	Dummy	Transverse	dec~	1.22
2311	1931	1999	-	-	Dummy	Transverse	dec~	1.22
2313	1932	2000	-	-	Dummy	Transverse	dec~	1.22
2315	1933	2001	-	-	Dummy	Transverse	dec~	1.22
2317	1934	2002	-	-	Dummy	Transverse	dec~	1.22
2319	1935	2003	-	-	Dummy	Transverse	dec~	1.22
2321	1936	2004	-	-	Dummy	Transverse	dec~	1.22
2323	1937	2005	-	-	Dummy	Transverse	dec~	1.22
2325	1938	2006	-	-	Dummy	Transverse	dec~	1.22
2327	1939	2007	-	-	Dummy	Transverse	dec~	1.22
2329	1940	2008	-	-	Dummy	Transverse	dec~	1.22
2331	1941	2009	-	-	Dummy	Transverse	dec~	1.22
2333	1942	2010	-	-	Dummy	Transverse	dec~	1.22

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2335	1943	2011	-	-	Dummy	Transverse	dec~	1.22
2337	1944	2012	-	-	Dummy	Transverse	dec~	1.22
2339	1945	2013	-	-	Dummy	Transverse	dec~	1.22
2340	1946	2014	-	-	Dummy	Transverse	dec~	1.22
2342	1947	2015	-	-	Dummy	Transverse	dec~	1.22
2344	1948	2016	-	-	Dummy	Transverse	dec~	1.22
2346	1949	2017	-	-	Dummy	Transverse	dec~	1.22
2348	1950	2018	-	-	Dummy	Transverse	dec~	1.22
2350	1951	2019	-	-	Dummy	Transverse	dec~	1.22
2352	1952	2020	-	-	Dummy	Transverse	dec~	1.22
2354	1953	2021	-	-	Dummy	Transverse	dec~	1.22
2356	1954	2022	-	-	Dummy	Transverse	dec~	1.22
2358	1955	2023	-	-	Dummy	Transverse	dec~	1.22
2360	1956	2024	-	-	Dummy	Transverse	dec~	1.22
2362	1957	2025	-	-	Dummy	Transverse	dec~	1.22
2364	1958	2026	-	-	Dummy	Transverse	dec~	1.22
2366	1959	2027	-	-	Dummy	Transverse	dec~	1.22
2368	1960	2028	-	-	Dummy	Transverse	dec~	1.22
2370	1961	2029	-	-	Dummy	Transverse	dec~	1.22
2372	1962	2030	-	-	Dummy	Transverse	dec~	1.22
2374	1963	2031	-	-	Dummy	Transverse	dec~	1.22
2376	1964	2032	-	-	Dummy	Transverse	dec~	1.22
2378	1965	2033	-	-	Dummy	Transverse	dec~	1.22
2380	1966	2034	-	-	Dummy	Transverse	dec~	1.22
2382	1967	2035	-	-	Dummy	Transverse	dec~	1.22
2384	1968	2036	-	-	Dummy	Transverse	dec~	1.22
2386	1969	2037	-	-	Dummy	Transverse	dec~	1.22
2388	1970	2038	-	-	Dummy	Transverse	dec~	1.22
2390	1971	2039	-	-	Dummy	Transverse	dec~	1.22
2392	1972	2040	-	-	Dummy	Transverse	dec~	1.22
2394	1973	2041	-	-	Dummy	Transverse	dec~	1.22
2396	1974	2042	-	-	Dummy	Transverse	dec~	1.22
2398	1975	2043	-	-	Dummy	Transverse	dec~	1.22
2400	1976	2044	-	-	Dummy	Transverse	dec~	1.22
2402	1977	2045	-	-	Dummy	Transverse	dec~	1.22
2404	1978	2046	-	-	Dummy	Transverse	dec~	1.22
2406	1979	2047	-	-	Dummy	Transverse	dec~	1.22
2408	1980	2048	-	-	Dummy	Transverse	dec~	1.22
2410	1981	2049	-	-	Dummy	Transverse	dec~	1.22
2412	1982	2050	-	-	Dummy	Transverse	dec~	1.22
2414	1983	2051	-	-	Dummy	Transverse	dec~	1.22
2416	1984	2052	-	-	Dummy	Transverse	dec~	1.22
2418	1985	2053	-	-	Dummy	Transverse	dec~	1.22
2420	1986	2054	-	-	Dummy	Transverse	dec~	1.22
2422	1987	2055	-	-	Dummy	Transverse	dec~	1.22
2424	1988	2056	-	-	Dummy	Transverse	dec~	1.22
2426	1989	2057	-	-	Dummy	Transverse	dec~	1.22
2428	1990	2058	-	-	Dummy	Transverse	dec~	1.22
2430	1991	2059	-	-	Dummy	Transverse	dec~	1.22
2432	1992	2060	-	-	Dummy	Transverse	dec~	1.22
2434	1993	2061	-	-	Dummy	Transverse	dec~	1.22
2436	1994	2062	-	-	Dummy	Transverse	dec~	1.22
2438	1995	2063	-	-	Dummy	Transverse	dec~	1.22
2440	1996	2064	-	-	Dummy	Transverse	dec~	1.22
2442	1997	2065	-	-	Dummy	Transverse	dec~	1.22
2444	1998	2066	-	-	Dummy	Transverse	dec~	1.22
2446	1999	2067	-	-	Dummy	Transverse	dec~	1.22
2448	2000	2068	-	-	Dummy	Transverse	dec~	1.22
2450	2001	2069	-	-	Dummy	Transverse	dec~	1.22
2452	2002	2070	-	-	Dummy	Transverse	dec~	1.22
2454	2003	2071	-	-	Dummy	Transverse	dec~	1.22
2456	2004	2072	-	-	Dummy	Transverse	dec~	1.22
2458	2005	2073	-	-	Dummy	Transverse	dec~	1.22
2460	2006	2074	-	-	Dummy	Transverse	dec~	1.22
2462	2007	2075	-	-	Dummy	Transverse	dec~	1.22
2464	2008	2076	-	-	Dummy	Transverse	dec~	1.22
2466	2009	2077	-	-	Dummy	Transverse	dec~	1.22
2468	2010	2078	-	-	Dummy	Transverse	dec~	1.22
2470	2011	2079	-	-	Dummy	Transverse	dec~	1.22
2472	2012	2080	-	-	Dummy	Transverse	dec~	1.22
2474	2013	2081	-	-	Dummy	Transverse	dec~	1.22
2475	2014	2015	-	-	Dummy		Dummy	0.9881
2476	2015	2016	-	-	Dummy		Dummy	0.9881
2477	2016	2017	-	-	Dummy		Dummy	0.9881
2478	2017	2018	-	-	Dummy		Dummy	0.9881
2479	2018	2019	-	-	Dummy		Dummy	0.9881
2480	2019	2020	-	-	Dummy		Dummy	0.9881

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2481	2020	2021	-	-	Dummy	Dummy	0.9881
2482	2021	2022	-	-	Dummy	Dummy	0.9881
2483	2022	2023	-	-	Dummy	Dummy	0.9881
2484	2023	2024	-	-	Dummy	Dummy	0.9881
2485	2024	2025	-	-	Dummy	Dummy	0.9881
2486	2025	2026	-	-	Dummy	Dummy	0.9881
2487	2026	2027	-	-	Dummy	Dummy	0.9881
2488	2027	2028	-	-	Dummy	Dummy	0.9881
2489	2028	2029	-	-	Dummy	Dummy	0.9881
2490	2029	2030	-	-	Dummy	Dummy	0.9881
2491	2030	2031	-	-	Dummy	Dummy	0.9691
2492	2031	2032	-	-	Dummy	Dummy	0.9691
2493	2032	2033	-	-	Dummy	Dummy	0.9691
2494	2033	2034	-	-	Dummy	Dummy	0.9691
2495	2034	2035	-	-	Dummy	Dummy	0.9691
2496	2035	2036	-	-	Dummy	Dummy	0.9691
2497	2036	2037	-	-	Dummy	Dummy	0.9691
2498	2037	2038	-	-	Dummy	Dummy	0.9691
2499	2038	2039	-	-	Dummy	Dummy	0.9691
2500	2039	2040	-	-	Dummy	Dummy	0.9691
2501	2040	2041	-	-	Dummy	Dummy	0.9691
2502	2041	2042	-	-	Dummy	Dummy	0.9691
2503	2042	2043	-	-	Dummy	Dummy	0.9691
2504	2043	2044	-	-	Dummy	Dummy	0.9691
2505	2044	2045	-	-	Dummy	Dummy	0.9691
2506	2045	2046	-	-	Dummy	Dummy	0.9691
2507	2046	2047	-	-	Dummy	Dummy	0.9691
2508	2047	2048	-	-	Dummy	Dummy	0.9676
2509	2048	2049	-	-	Dummy	Dummy	0.9676
2510	2049	2050	-	-	Dummy	Dummy	0.9676
2511	2050	2051	-	-	Dummy	Dummy	0.9676
2512	2051	2052	-	-	Dummy	Dummy	0.9676
2513	2052	2053	-	-	Dummy	Dummy	0.9676
2514	2053	2054	-	-	Dummy	Dummy	0.9676
2515	2054	2055	-	-	Dummy	Dummy	0.9676
2516	2055	2056	-	-	Dummy	Dummy	0.9676
2517	2056	2057	-	-	Dummy	Dummy	0.9676
2518	2057	2058	-	-	Dummy	Dummy	0.9676
2519	2058	2059	-	-	Dummy	Dummy	0.9676
2520	2059	2060	-	-	Dummy	Dummy	0.9676
2521	2060	2061	-	-	Dummy	Dummy	0.9676
2522	2061	2062	-	-	Dummy	Dummy	0.9676
2523	2062	2063	-	-	Dummy	Dummy	0.9676
2524	2063	2064	-	-	Dummy	Dummy	0.9676
2525	2064	2065	-	-	Dummy	Dummy	0.9706
2526	2065	2066	-	-	Dummy	Dummy	0.9706
2527	2066	2067	-	-	Dummy	Dummy	0.9706
2528	2067	2068	-	-	Dummy	Dummy	0.9706
2529	2068	2069	-	-	Dummy	Dummy	0.9706
2530	2069	2070	-	-	Dummy	Dummy	0.9706
2531	2070	2071	-	-	Dummy	Dummy	0.9706
2532	2071	2072	-	-	Dummy	Dummy	0.9706
2533	2072	2073	-	-	Dummy	Dummy	0.9706
2534	2073	2074	-	-	Dummy	Dummy	0.9706
2535	2074	2075	-	-	Dummy	Dummy	0.9706
2536	2075	2076	-	-	Dummy	Dummy	0.9706
2537	2076	2077	-	-	Dummy	Dummy	0.9706
2538	2077	2078	-	-	Dummy	Dummy	0.9706
2539	2078	2079	-	-	Dummy	Dummy	0.9706
2540	2079	2080	-	-	Dummy	Dummy	0.9706
2541	2080	2081	-	-	Dummy	Dummy	0.9706
2542	1741	2082	-	-	Dummy	Dummy	0.9853
2548	2081	2087	-	-	Dummy	Dummy	0.9853
2549	2082	2083	-	-	Dummy Transverse dec~		1.22
2550	2083	2084	-	-	Dummy Transverse dec~		1.22
2551	2084	2085	-	-	Dummy Transverse dec~		1.22
2552	2085	2086	-	-	Dummy Transverse dec~		1.22
2553	2086	2087	-	-	Dummy Transverse dec~		1.22
2554	2082	2088	-	-	Dummy	Dummy	0.9853
2560	2087	2093	-	-	Dummy	Dummy	0.9853
2561	2088	2089	-	-	Dummy Transverse dec~		1.22
2562	2089	2090	-	-	Dummy Transverse dec~		1.22
2563	2090	2091	-	-	Dummy Transverse dec~		1.22
2564	2091	2092	-	-	Dummy Transverse dec~		1.22
2565	2092	2093	-	-	Dummy Transverse dec~		1.22
2566	2088	2094	-	-	Dummy	Dummy	0.9853
2572	2093	2099	-	-	Dummy	Dummy	0.9853

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2573	2094	2095	-	-	Dummy	Transverse	dec~	1.22
2574	2095	2096	-	-	Dummy	Transverse	dec~	1.22
2575	2096	2097	-	-	Dummy	Transverse	dec~	1.22
2576	2097	2098	-	-	Dummy	Transverse	dec~	1.22
2577	2098	2099	-	-	Dummy	Transverse	dec~	1.22
2578	2094	2100	-	-	Dummy		Dummy	0.9853
2584	2099	2105	-	-	Dummy		Dummy	0.9853
2585	2100	2101	-	-	Dummy	Transverse	dec~	1.22
2586	2101	2102	-	-	Dummy	Transverse	dec~	1.22
2587	2102	2103	-	-	Dummy	Transverse	dec~	1.22
2588	2103	2104	-	-	Dummy	Transverse	dec~	1.22
2589	2104	2105	-	-	Dummy	Transverse	dec~	1.22
2590	2100	2106	-	-	Dummy		Dummy	0.9853
2596	2105	2111	-	-	Dummy		Dummy	0.9853
2597	2106	2107	-	-	Dummy	Transverse	dec~	1.22
2598	2107	2108	-	-	Dummy	Transverse	dec~	1.22
2599	2108	2109	-	-	Dummy	Transverse	dec~	1.22
2600	2109	2110	-	-	Dummy	Transverse	dec~	1.22
2601	2110	2111	-	-	Dummy	Transverse	dec~	1.22
2602	2106	2112	-	-	Dummy		Dummy	0.9853
2608	2111	2117	-	-	Dummy		Dummy	0.9853
2609	2112	2113	-	-	Dummy	Transverse	dec~	1.22
2610	2113	2114	-	-	Dummy	Transverse	dec~	1.22
2611	2114	2115	-	-	Dummy	Transverse	dec~	1.22
2612	2115	2116	-	-	Dummy	Transverse	dec~	1.22
2613	2116	2117	-	-	Dummy	Transverse	dec~	1.22
2614	2112	2118	-	-	Dummy		Dummy	0.9853
2620	2117	2123	-	-	Dummy		Dummy	0.9853
2621	2118	2119	-	-	Dummy	Transverse	dec~	1.22
2622	2119	2120	-	-	Dummy	Transverse	dec~	1.22
2623	2120	2121	-	-	Dummy	Transverse	dec~	1.22
2624	2121	2122	-	-	Dummy	Transverse	dec~	1.22
2625	2122	2123	-	-	Dummy	Transverse	dec~	1.22
2626	2118	2124	-	-	Dummy		Dummy	0.9853
2632	2123	2129	-	-	Dummy		Dummy	0.9853
2633	2124	2125	-	-	Dummy	Transverse	dec~	1.22
2634	2125	2126	-	-	Dummy	Transverse	dec~	1.22
2635	2126	2127	-	-	Dummy	Transverse	dec~	1.22
2636	2127	2128	-	-	Dummy	Transverse	dec~	1.22
2637	2128	2129	-	-	Dummy	Transverse	dec~	1.22
2638	2124	2130	-	-	Dummy		Dummy	0.9853
2644	2129	2135	-	-	Dummy		Dummy	0.9853
2645	2130	2131	-	-	Dummy	Transverse	dec~	1.22
2646	2131	2132	-	-	Dummy	Transverse	dec~	1.22
2647	2132	2133	-	-	Dummy	Transverse	dec~	1.22
2648	2133	2134	-	-	Dummy	Transverse	dec~	1.22
2649	2134	2135	-	-	Dummy	Transverse	dec~	1.22
2650	2130	2136	-	-	Dummy		Dummy	0.9853
2656	2135	2141	-	-	Dummy		Dummy	0.9853
2657	2136	2137	-	-	Dummy	Transverse	dec~	1.22
2658	2137	2138	-	-	Dummy	Transverse	dec~	1.22
2659	2138	2139	-	-	Dummy	Transverse	dec~	1.22
2660	2139	2140	-	-	Dummy	Transverse	dec~	1.22
2661	2140	2141	-	-	Dummy	Transverse	dec~	1.22
2662	2136	2142	-	-	Dummy		Dummy	0.9853
2668	2141	2147	-	-	Dummy		Dummy	0.9853
2669	2142	2143	-	-	Dummy	Transverse	dec~	1.22
2670	2143	2144	-	-	Dummy	Transverse	dec~	1.22
2671	2144	2145	-	-	Dummy	Transverse	dec~	1.22
2672	2145	2146	-	-	Dummy	Transverse	dec~	1.22
2673	2146	2147	-	-	Dummy	Transverse	dec~	1.22
2674	2142	2148	-	-	Dummy		Dummy	0.9853
2680	2147	2153	-	-	Dummy		Dummy	0.9853
2681	2148	2149	-	-	Dummy	Transverse	dec~	1.22
2682	2149	2150	-	-	Dummy	Transverse	dec~	1.22
2683	2150	2151	-	-	Dummy	Transverse	dec~	1.22
2684	2151	2152	-	-	Dummy	Transverse	dec~	1.22
2685	2152	2153	-	-	Dummy	Transverse	dec~	1.22
2686	2148	2154	-	-	Dummy		Dummy	0.9853
2692	2153	2159	-	-	Dummy		Dummy	0.9853
2693	2154	2155	-	-	Dummy	Transverse	dec~	1.22
2694	2155	2156	-	-	Dummy	Transverse	dec~	1.22
2695	2156	2157	-	-	Dummy	Transverse	dec~	1.22
2696	2157	2158	-	-	Dummy	Transverse	dec~	1.22
2697	2158	2159	-	-	Dummy	Transverse	dec~	1.22
2698	2154	2160	-	-	Dummy		Dummy	0.9853
2704	2159	2165	-	-	Dummy		Dummy	0.9853

2705	2160	2161	-	-	Dummy	Transverse	dec~	1.22
2706	2161	2162	-	-	Dummy	Transverse	dec~	1.22
2707	2162	2163	-	-	Dummy	Transverse	dec~	1.22
2708	2163	2164	-	-	Dummy	Transverse	dec~	1.22
2709	2164	2165	-	-	Dummy	Transverse	dec~	1.22
2710	2160	2166	-	-	Dummy		Dummy	0.9853
2716	2165	2171	-	-	Dummy		Dummy	0.9853
2717	2166	2167	-	-	Dummy	Transverse	dec~	1.22
2718	2167	2168	-	-	Dummy	Transverse	dec~	1.22
2719	2168	2169	-	-	Dummy	Transverse	dec~	1.22
2720	2169	2170	-	-	Dummy	Transverse	dec~	1.22
2721	2170	2171	-	-	Dummy	Transverse	dec~	1.22
2722	2166	2172	-	-	Dummy		Dummy	0.9853
2728	2171	2177	-	-	Dummy		Dummy	0.9853
2729	2172	2173	-	-	Dummy	Transverse	dec~	1.22
2730	2173	2174	-	-	Dummy	Transverse	dec~	1.22
2731	2174	2175	-	-	Dummy	Transverse	dec~	1.22
2732	2175	2176	-	-	Dummy	Transverse	dec~	1.22
2733	2176	2177	-	-	Dummy	Transverse	dec~	1.22

7.4 Carichi distribuiti sulle aste.

I carichi sulle corsie convenzionali, sui marciapiedi o genericamente collocati sull'impalcato vengono tutti riportati alle travi principali come carichi linearmente distribuiti sui tratti o come azioni concentrati sui nodi delle stesse travate.

Nelle tabelle successive sono riportati tutte le aste della struttura e per ognuna di esse sono state elencati carichi distribuiti riscontrati nelle direzioni X, Y e Z del sistema locale e globale. I carichi presenti nei due sistemi di riferimento non sono reciprocamente collegati.

Asta : numerazione dell'asta assunta nella calcolazione;

Load Case : caso di carico;

Load Type : tipologia di carico;

Direzione : direzione carico sull'asta (SISTEMA GLOBALE);

P1 : nodo iniziale;

P2 : nodo finale;

Condizione di carico permanenti portati (G2) e sovraccarichi accidentali

Elemento	Load Case	Load Type	Direzione	P1 (kN/m ²)	P2 (kN/m ²)	P3 (kN/m ²)	P4 (kN/m ²)
1	St	Pressure	Local z	203.29	226.20	226.20	203.29
6	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
7	St	Pressure	Local z	203.29	226.20	226.20	203.29
12	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
13	St	Pressure	Local z	203.29	226.20	226.20	203.29
18	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
19	St	Pressure	Local z	203.29	226.20	226.20	203.29
24	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
25	St	Pressure	Local z	203.29	226.20	226.20	203.29
30	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
31	St	Pressure	Local z	203.29	226.20	226.20	203.29
36	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
37	St	Pressure	Local z	203.29	226.20	226.20	203.29
42	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
43	St	Pressure	Local z	203.29	226.20	226.20	203.29
48	St	Pressure	Local z	-203.29	-226.20	-226.20	-203.29
49	St	Pressure	Local z	181.84	203.29	203.29	181.84
54	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
55	St	Pressure	Local z	181.84	203.29	203.29	181.84
60	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
61	St	Pressure	Local z	181.84	203.29	203.29	181.84
66	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
67	St	Pressure	Local z	181.84	203.29	203.29	181.84

72	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
73	St	Pressure	Local z	181.84	203.29	203.29	181.84
78	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
79	St	Pressure	Local z	181.84	203.29	203.29	181.84
84	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
85	St	Pressure	Local z	181.84	203.29	203.29	181.84
90	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
91	St	Pressure	Local z	181.84	203.29	203.29	181.84
96	St	Pressure	Local z	-181.84	-203.29	-203.29	-181.84
97	St	Pressure	Local z	160.39	181.84	181.84	160.39
102	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
103	St	Pressure	Local z	160.39	181.84	181.84	160.39
108	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
109	St	Pressure	Local z	160.39	181.84	181.84	160.39
114	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
115	St	Pressure	Local z	160.39	181.84	181.84	160.39
120	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
121	St	Pressure	Local z	160.39	181.84	181.84	160.39
126	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
127	St	Pressure	Local z	160.39	181.84	181.84	160.39
132	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
133	St	Pressure	Local z	160.39	181.84	181.84	160.39
138	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
139	St	Pressure	Local z	160.39	181.84	181.84	160.39
144	St	Pressure	Local z	-160.39	-181.84	-181.84	-160.39
145	St	Pressure	Local z	138.94	160.39	160.39	138.94
150	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
151	St	Pressure	Local z	138.94	160.39	160.39	138.94
156	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
157	St	Pressure	Local z	138.94	160.39	160.39	138.94
162	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
163	St	Pressure	Local z	138.94	160.39	160.39	138.94
168	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
169	St	Pressure	Local z	138.94	160.39	160.39	138.94
174	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
175	St	Pressure	Local z	138.94	160.39	160.39	138.94
180	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
181	St	Pressure	Local z	138.94	160.39	160.39	138.94
186	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
187	St	Pressure	Local z	138.94	160.39	160.39	138.94
192	St	Pressure	Local z	-138.94	-160.39	-160.39	-138.94
193	St	Pressure	Local z	117.49	138.94	138.94	117.49
198	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
199	St	Pressure	Local z	117.49	138.94	138.94	117.49
204	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
205	St	Pressure	Local z	117.49	138.94	138.94	117.49
210	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
211	St	Pressure	Local z	117.49	138.94	138.94	117.49
216	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
217	St	Pressure	Local z	117.49	138.94	138.94	117.49
222	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
223	St	Pressure	Local z	117.49	138.94	138.94	117.49
228	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
229	St	Pressure	Local z	117.49	138.94	138.94	117.49
234	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49

235	St	Pressure	Local z	117.49	138.94	138.94	117.49
240	St	Pressure	Local z	-117.49	-138.94	-138.94	-117.49
241	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
242	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
243	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
244	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
245	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
246	Gk2	Pressure	Global Z	-123.13	-106.76	-106.76	-123.13
247	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
248	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
249	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
250	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
251	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
252	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
253	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
254	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
255	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
256	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
257	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
258	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
259	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
260	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
261	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
262	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
263	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
264	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
265	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
266	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
267	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
268	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
269	Gk2	Pressure	Global Z	-123.13	-106.47	-106.47	-123.13
270	Gk2	Pressure	Global Z	-106.47	-123.13	-123.13	-106.47
271	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
272	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
273	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
274	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
275	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
276	Gk2	Pressure	Global Z	-106.25	-123.13	-123.13	-106.25
277	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
278	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88
279	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
280	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
281	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88
282	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
283	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
284	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88
285	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
286	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
287	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88
288	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
289	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
290	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88
291	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
292	Gk2	Pressure	Global Z	-105.55	-121.88	-121.88	-105.55
293	Gk2	Pressure	Global Z	-121.88	-105.57	-105.57	-121.88

294	Gk2	Pressure	Global Z	-105.57	-121.88	-121.88	-105.57
303	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
304	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
305	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
306	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
307	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
308	Gk2	Pressure	Global Z	-121.88	-105.04	-105.04	-121.88
321	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
322	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
323	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
324	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
325	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
326	Gk2	Pressure	Global Z	-106.76	-91.03	-91.03	-106.76
327	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
328	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
329	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
330	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
331	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
332	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
333	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
334	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
335	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
336	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
337	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
338	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
339	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
340	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
341	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
342	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
343	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
344	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
345	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
346	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
347	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
348	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
349	Gk2	Pressure	Global Z	-106.47	-90.44	-90.44	-106.47
350	Gk2	Pressure	Global Z	-90.44	-106.47	-106.47	-90.44
351	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
352	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
353	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
354	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
355	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
356	Gk2	Pressure	Global Z	-90.01	-106.25	-106.25	-90.01
357	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
358	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92
359	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
360	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92
361	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
362	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92
363	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
364	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92
365	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
366	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92
367	Gk2	Pressure	Global Z	-105.57	-89.92	-89.92	-105.57
368	Gk2	Pressure	Global Z	-89.92	-105.57	-105.57	-89.92

369	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
370	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
371	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
372	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
373	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
374	Gk2	Pressure	Global Z	-89.87	-105.55	-105.55	-89.87
375	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
376	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
377	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
378	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
379	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
380	Gk2	Pressure	Global Z	-105.04	-88.85	-88.85	-105.04
417	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
418	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
419	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
420	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
421	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
422	Gk2	Pressure	Global Z	-91.03	-76.06	-76.06	-91.03
423	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
424	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
425	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
426	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
427	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
428	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
429	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
430	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
431	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
432	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
433	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
434	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
435	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
436	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
437	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
438	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
439	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
440	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
441	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
442	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
443	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
444	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
445	Gk2	Pressure	Global Z	-90.44	-75.17	-75.17	-90.44
446	Gk2	Pressure	Global Z	-75.17	-90.44	-90.44	-75.17
447	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
448	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
449	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
450	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
451	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
452	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
453	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
454	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
455	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
456	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
457	Gk2	Pressure	Global Z	-89.92	-75.03	-75.03	-89.92
458	Gk2	Pressure	Global Z	-75.03	-89.92	-89.92	-75.03
459	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96

460	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96
461	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96
462	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96
463	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96
464	Gk2	Pressure	Global Z	-74.96	-89.87	-89.87	-74.96
465	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
466	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
467	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
468	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
469	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
470	Gk2	Pressure	Global Z	-74.52	-90.01	-90.01	-74.52
471	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
472	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
473	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
474	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
475	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
476	Gk2	Pressure	Global Z	-88.85	-73.42	-73.42	-88.85
513	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
514	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
515	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
516	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
517	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
518	Gk2	Pressure	Global Z	-76.06	-61.96	-61.96	-76.06
519	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
520	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
521	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
522	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
523	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
524	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
525	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
526	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
527	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
528	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
529	Gk2	Pressure	Global Z	-75.03	-61.03	-61.03	-75.03
530	Gk2	Pressure	Global Z	-61.03	-75.03	-75.03	-61.03
531	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
532	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
533	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
534	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
535	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
536	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
537	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
538	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
539	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
540	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
541	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
542	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
543	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
544	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
545	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
546	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
547	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
548	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
549	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
550	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79

551	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
552	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
553	Gk2	Pressure	Global Z	-75.17	-60.79	-60.79	-75.17
554	Gk2	Pressure	Global Z	-60.79	-75.17	-75.17	-60.79
555	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
556	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
557	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
558	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
559	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
560	Gk2	Pressure	Global Z	-60.94	-74.96	-74.96	-60.94
561	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
562	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
563	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
564	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
565	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
566	Gk2	Pressure	Global Z	-59.91	-74.52	-74.52	-59.91
569	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
570	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
571	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
572	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
573	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
574	Gk2	Pressure	Global Z	-73.42	-58.88	-58.88	-73.42
595	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
596	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
597	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
598	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
599	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
600	Gk2	Pressure	Global Z	-61.96	-48.84	-48.84	-61.96
601	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
602	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
603	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
604	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
605	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
606	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
607	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
608	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
609	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
610	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
611	Gk2	Pressure	Global Z	-61.03	-48.01	-48.01	-61.03
612	Gk2	Pressure	Global Z	-48.01	-61.03	-61.03	-48.01
613	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
614	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
615	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
616	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
617	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
618	Gk2	Pressure	Global Z	-47.90	-60.94	-60.94	-47.90
619	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
620	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
621	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
622	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
623	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
624	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
625	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
626	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
627	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79

628	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
629	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
630	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
631	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
632	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
633	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
634	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
635	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
636	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
637	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
638	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
639	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
640	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
641	Gk2	Pressure	Global Z	-60.79	-47.41	-47.41	-60.79
642	Gk2	Pressure	Global Z	-47.41	-60.79	-60.79	-47.41
643	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
644	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
645	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
646	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
647	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
648	Gk2	Pressure	Global Z	-46.30	-59.91	-59.91	-46.30
649	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
650	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
651	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
652	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
653	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
654	Gk2	Pressure	Global Z	-58.88	-45.35	-45.35	-58.88
709	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
710	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
711	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
712	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
713	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
714	Gk2	Pressure	Global Z	-48.84	-36.81	-36.81	-48.84
715	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
716	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
717	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
718	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
719	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
720	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
721	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
722	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
723	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
724	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
725	Gk2	Pressure	Global Z	-48.01	-36.09	-36.09	-48.01
726	Gk2	Pressure	Global Z	-36.09	-48.01	-48.01	-36.09
727	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
728	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
729	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
730	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
731	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
732	Gk2	Pressure	Global Z	-35.95	-47.90	-47.90	-35.95
733	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
734	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
735	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
736	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13

737	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
738	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
739	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
740	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
741	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
742	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
743	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
744	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
745	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
746	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
747	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
748	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
749	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
750	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
751	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
752	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
753	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
754	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
755	Gk2	Pressure	Global Z	-47.41	-35.13	-35.13	-47.41
756	Gk2	Pressure	Global Z	-35.13	-47.41	-47.41	-35.13
759	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
760	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
761	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
762	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
763	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
764	Gk2	Pressure	Global Z	-33.80	-46.30	-46.30	-33.80
765	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
766	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
767	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
768	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
769	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
770	Gk2	Pressure	Global Z	-45.35	-32.94	-32.94	-45.35
805	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
806	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
807	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
808	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
809	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
810	Gk2	Pressure	Global Z	-36.81	-25.96	-25.96	-36.81
811	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
812	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
813	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
814	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
815	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
816	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
817	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
818	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
819	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
820	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
821	Gk2	Pressure	Global Z	-36.09	-25.34	-25.34	-36.09
822	Gk2	Pressure	Global Z	-25.34	-36.09	-36.09	-25.34
823	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19
824	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19
825	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19
826	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19
827	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19

828	Gk2	Pressure	Global Z	-25.19	-35.95	-35.95	-25.19
829	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
830	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
831	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
832	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
833	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
834	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
835	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
836	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
837	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
838	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
839	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
840	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
841	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
842	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
843	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
844	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
845	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
846	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
847	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
848	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
849	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
850	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
851	Gk2	Pressure	Global Z	-35.13	-24.05	-24.05	-35.13
852	Gk2	Pressure	Global Z	-24.05	-35.13	-35.13	-24.05
855	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
856	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
857	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
858	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
859	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
860	Gk2	Pressure	Global Z	-22.52	-33.80	-33.80	-22.52
869	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
870	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
871	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
872	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
873	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
874	Gk2	Pressure	Global Z	-32.94	-21.74	-21.74	-32.94
916	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
917	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
918	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
919	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
920	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
921	Gk2	Pressure	Global Z	-25.96	-16.37	-16.37	-25.96
926	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
927	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86
928	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
929	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86
930	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
931	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86
932	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
933	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86
934	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
935	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86
936	Gk2	Pressure	Global Z	-25.34	-15.86	-15.86	-25.34
937	Gk2	Pressure	Global Z	-15.86	-25.34	-25.34	-15.86

939	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
940	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
941	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
942	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
943	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
944	Gk2	Pressure	Global Z	-15.70	-25.19	-25.19	-15.70
950	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
951	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
952	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
953	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
954	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
955	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
956	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
957	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
958	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
959	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
960	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
961	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
962	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
963	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
964	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
965	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
966	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
967	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
968	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
969	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
970	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
971	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
972	Gk2	Pressure	Global Z	-24.05	-14.27	-14.27	-24.05
973	Gk2	Pressure	Global Z	-14.27	-24.05	-24.05	-14.27
983	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
984	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
985	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
986	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
987	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
988	Gk2	Pressure	Global Z	-12.54	-22.52	-22.52	-12.54
993	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
994	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
995	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
996	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
997	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
998	Gk2	Pressure	Global Z	-21.74	-11.86	-11.86	-21.74
1005	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1006	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1007	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1008	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1009	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1010	Gk2	Pressure	Global Z	-16.37	-8.12	-8.12	-16.37
1011	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86
1012	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1013	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86
1014	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1015	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86
1016	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1017	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86

1018	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1019	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86
1020	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1021	Gk2	Pressure	Global Z	-15.86	-7.71	-7.71	-15.86
1022	Gk2	Pressure	Global Z	-7.71	-15.86	-15.86	-7.71
1023	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1024	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1025	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1026	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1027	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1028	Gk2	Pressure	Global Z	-7.55	-15.70	-15.70	-7.55
1033	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1034	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1035	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1036	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1037	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1038	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1039	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1040	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1041	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1042	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1043	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1044	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1045	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1046	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1047	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1048	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1049	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1050	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1051	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1052	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1053	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1054	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1055	Gk2	Pressure	Global Z	-14.27	-5.85	-5.85	-14.27
1056	Gk2	Pressure	Global Z	-5.85	-14.27	-14.27	-5.85
1077	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1078	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1079	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1080	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1081	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1082	Gk2	Pressure	Global Z	-3.94	-12.54	-12.54	-3.94
1108	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1109	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1110	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1111	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1112	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1113	Gk2	Pressure	Global Z	-11.86	-3.37	-3.37	-11.86
1177	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1178	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1179	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1180	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1181	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1182	Gk2	Pressure	Global Z	-8.12	-1.26	-1.26	-8.12
1185	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1186	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95

1187	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1188	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95
1189	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1190	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95
1191	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1192	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95
1193	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1194	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95
1195	Gk2	Pressure	Global Z	-7.71	-0.95	-0.95	-7.71
1196	Gk2	Pressure	Global Z	-0.95	-7.71	-7.71	-0.95
1197	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1198	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1199	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1200	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1201	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1202	Gk2	Pressure	Global Z	-0.81	-7.55	-7.55	-0.81
1223	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1223	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1224	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1224	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1225	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1225	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1226	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1226	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1227	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1227	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1228	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1228	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1229	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1229	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1230	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1230	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1231	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1231	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1232	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1232	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1233	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1233	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1234	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1234	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1235	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1235	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1236	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1236	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1237	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1237	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1238	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1238	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1239	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1239	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1240	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1240	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1241	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1241	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1242	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09

1242	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1243	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1243	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1244	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1244	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1245	Gk2	Pressure	Global Z	-5.85	0.00	0.00	-5.85
1245	Gk2	Pressure	Global Z	-26.68	-21.09	-21.09	-26.68
1246	Gk2	Pressure	Global Z	-21.09	-26.68	-26.68	-21.09
1246	Gk2	Pressure	Global Z	0.00	-5.85	-5.85	0.00
1263	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1264	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1265	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1266	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1267	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1268	Gk2	Pressure	Global Z	-19.44	-25.15	-25.15	-19.44
1269	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1270	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1271	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1272	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1273	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1274	Gk2	Pressure	Global Z	-24.70	-19.07	-19.07	-24.70
1279	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1280	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1281	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1282	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1283	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1284	Gk2	Pressure	Global Z	-23.01	-18.69	-18.69	-23.01
1288	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1289	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1290	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1291	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1292	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1293	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1294	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1295	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1296	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1297	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1298	Gk2	Pressure	Global Z	-22.76	-18.52	-18.52	-22.76
1299	Gk2	Pressure	Global Z	-18.52	-22.76	-22.76	-18.52
1301	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1302	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1303	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1304	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1305	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1306	Gk2	Pressure	Global Z	-18.42	-22.65	-22.65	-18.42
1315	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1316	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1317	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1318	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1319	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1320	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1321	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1322	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1323	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1324	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71

1325	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1326	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1327	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1328	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1329	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1330	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1331	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1332	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1333	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1334	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1335	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1336	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1337	Gk2	Pressure	Global Z	-21.09	-16.71	-16.71	-21.09
1338	Gk2	Pressure	Global Z	-16.71	-21.09	-21.09	-16.71
1341	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1342	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1343	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1344	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1345	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1346	Gk2	Pressure	Global Z	-14.94	-19.44	-19.44	-14.94
1347	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1348	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1349	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1350	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1351	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1352	Gk2	Pressure	Global Z	-18.69	-15.57	-15.57	-18.69
1354	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1355	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1356	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1357	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1358	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1359	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1360	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1361	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1362	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1363	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1364	Gk2	Pressure	Global Z	-18.52	-15.46	-15.46	-18.52
1365	Gk2	Pressure	Global Z	-15.46	-18.52	-18.52	-15.46
1369	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1370	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1371	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1372	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1373	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1374	Gk2	Pressure	Global Z	-15.38	-18.42	-18.42	-15.38
1375	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1376	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1377	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1378	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1379	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1380	Gk2	Pressure	Global Z	-19.07	-14.66	-14.66	-19.07
1391	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1392	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1393	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1394	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1395	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71

1396	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1397	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1398	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1399	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1400	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1401	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1402	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1403	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1404	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1405	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1406	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1407	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1408	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1409	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1410	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1411	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1412	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1413	Gk2	Pressure	Global Z	-16.71	-13.54	-13.54	-16.71
1414	Gk2	Pressure	Global Z	-13.54	-16.71	-16.71	-13.54
1415	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1416	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1417	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1418	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1419	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1420	Gk2	Pressure	Global Z	-15.57	-13.67	-13.67	-15.57
1421	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1422	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1423	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1424	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1425	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1426	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1427	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1428	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1429	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1430	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1431	Gk2	Pressure	Global Z	-15.46	-13.62	-13.62	-15.46
1432	Gk2	Pressure	Global Z	-13.62	-15.46	-15.46	-13.62
1433	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1434	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1435	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1436	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1437	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1438	Gk2	Pressure	Global Z	-13.57	-15.38	-15.38	-13.57
1445	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1446	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1447	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1448	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1449	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1450	Gk2	Pressure	Global Z	-13.67	-13.00	-13.00	-13.67
1451	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1452	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1453	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68
1454	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1455	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1456	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68

1457	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1458	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1459	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68
1460	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1461	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1462	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68
1463	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1464	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1465	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68
1466	Gk2	Pressure	Global Z	-13.62	-13.00	-13.00	-13.62
1467	Gk2	Pressure	Global Z	-13.00	-13.62	-13.62	-13.00
1468	Gk2	Pressure	Global Z	-11.68	-14.94	-14.94	-11.68
1469	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1470	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1471	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1472	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1473	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1474	Gk2	Pressure	Global Z	-13.00	-13.57	-13.57	-13.00
1475	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1476	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1477	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1478	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1479	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1480	Gk2	Pressure	Global Z	-14.66	-11.49	-11.49	-14.66
1482	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1483	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1484	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1485	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1486	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1487	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1488	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1489	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1490	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1491	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1492	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1493	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1494	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1495	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1496	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1497	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1498	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1499	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1500	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1501	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1502	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1503	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1504	Gk2	Pressure	Global Z	-13.54	-11.64	-11.64	-13.54
1505	Gk2	Pressure	Global Z	-11.64	-13.54	-13.54	-11.64
1511	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1512	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1513	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1514	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1515	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1516	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1517	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64

1518	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1519	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1520	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1521	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1522	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1523	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1524	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1525	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1526	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1527	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1528	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1529	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1530	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1531	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1532	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1533	Gk2	Pressure	Global Z	-11.64	-11.00	-11.00	-11.64
1534	Gk2	Pressure	Global Z	-11.00	-11.64	-11.64	-11.00
1541	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1542	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1543	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1544	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1545	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1546	Gk2	Pressure	Global Z	-9.70	-11.68	-11.68	-9.70
1553	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1554	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1555	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1556	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1557	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1558	Gk2	Pressure	Global Z	-11.49	-9.60	-9.60	-11.49
1587	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1588	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1589	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1590	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1591	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1592	Gk2	Pressure	Global Z	-9.00	-9.70	-9.70	-9.00
1594	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60
1595	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60
1596	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60
1597	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60
1598	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60
1599	Gk2	Pressure	Global Z	-9.60	-9.00	-9.00	-9.60

Elemento	Load Case	Load Type	Direzione	P1	P2	P3	P4	Unità
1800	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
1800	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m
1802	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1802	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1804	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1804	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1806	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1806	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1808	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1808	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1810	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1810	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1812	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1812	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

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1876	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1876	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
1876	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1876	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1876	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1876	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1876	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1878	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
1878	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1878	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1878	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1878	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1878	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1878	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1880	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1880	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.0524	0.0000	0.0000	0.0000	kN
1880	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0040	0.0000	0.0000	0.0000	kN
1880	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1880	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0040	0.0000	0.0000	0.0000	kN
1880	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1880	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1882	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1882	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0003	0.0000	0.0000	0.0000	kN
1882	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0003	0.0000	0.0000	0.0000	kN
1882	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4414	0.0000	0.0000	0.0000	kN
1882	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0011	0.0000	0.0000	0.0000	kN
1882	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0011	0.0000	0.0000	0.0000	kN
1882	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1884	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1884	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1886	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1886	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
1886	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0002	0.0000	0.0000	0.0000	kN
1886	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.7673	0.0000	0.0000	0.0000	kN
1886	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
1886	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0002	0.0000	0.0000	0.0000	kN
1886	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1888	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0037	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0037	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0440	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0440	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0110	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-117.1770	0.0000	0.0000	0.0000	kN
1888	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0110	0.0000	0.0000	0.0000	kN
1888	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1888	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1890	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0334	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0084	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0084	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0334	0.0000	0.0000	0.0000	kN
1890	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-90.7113	0.0000	0.0000	0.0000	kN
1890	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1890	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1892	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-32.2392	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN

1892	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0106	0.0000	0.0000	0.0000	kN
1892	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1892	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0026	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0026	0.0000	0.0000	0.0000	kN
1892	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0106	0.0000	0.0000	0.0000	kN
1892	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1894	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1894	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
1894	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1894	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1894	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1894	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1894	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1896	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1896	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1896	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1896	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
1896	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1896	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1896	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1898	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1898	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1898	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
1898	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1898	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1898	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1898	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1900	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1900	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
1900	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1900	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1900	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1900	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1900	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1902	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1902	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1902	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1902	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
1902	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1902	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1902	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1904	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1904	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1904	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
1904	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1904	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1904	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1904	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1906	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1906	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1906	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1906	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
1906	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
1906	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
1906	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
1908	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
1908	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
1908	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN

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2088	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2088	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2090	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2090	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2090	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2090	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2090	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2090	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2090	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2092	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2092	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2092	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2092	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2092	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2092	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2092	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2094	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2094	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2094	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2094	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2094	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2094	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2094	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2096	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2096	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2096	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2096	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2096	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2096	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2096	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2098	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2098	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2098	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2098	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2098	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2098	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2098	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2100	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2100	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2100	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2100	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4822	0.0000	0.0000	0.0000	kN
2100	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2100	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2100	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2102	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2102	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2102	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2102	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4679	0.0000	0.0000	0.0000	kN
2102	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2102	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2102	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2104	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2104	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4537	0.0000	0.0000	0.0000	kN
2104	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2104	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2104	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2104	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2104	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2106	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4537	0.0000	0.0000	0.0000	kN
2106	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2106	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN

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2122	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0002	0.0000	0.0000	0.0000	kN
2122	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.8553	0.0000	0.0000	0.0000	kN
2122	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4537	0.0000	0.0000	0.0000	kN
2122	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2124	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0038	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2124	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2124	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-4.7533	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4537	0.0000	0.0000	0.0000	kN
2124	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0038	0.0000	0.0000	0.0000	kN
2124	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2126	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0004	0.0000	0.0000	0.0000	kN
2126	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2126	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.0662	0.0000	0.0000	0.0000	kN
2126	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0004	0.0000	0.0000	0.0000	kN
2126	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2128	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0000	0.0000	0.0000	0.0000	kN
2128	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2128	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0000	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0000	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.0529	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0000	0.0000	0.0000	0.0000	kN
2128	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2128	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2130	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2130	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2130	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2130	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2130	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2130	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2130	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2132	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2132	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2132	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2132	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2132	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2132	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2132	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2134	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2134	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2134	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2134	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2134	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2134	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2134	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

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2152	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0003	0.0000	0.0000	0.0000	kN
2152	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2154	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2154	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2156	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2156	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2156	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0002	0.0000	0.0000	0.0000	kN
2156	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2156	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.7673	0.0000	0.0000	0.0000	kN
2156	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0002	0.0000	0.0000	0.0000	kN
2156	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2158	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0440	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0037	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0440	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0037	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0110	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2158	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2158	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-117.1770	0.0000	0.0000	0.0000	kN
2158	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0110	0.0000	0.0000	0.0000	kN
2158	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2160	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0334	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0334	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0084	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2160	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2160	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-90.7113	0.0000	0.0000	0.0000	kN
2160	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0084	0.0000	0.0000	0.0000	kN
2160	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2162	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0026	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2162	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2162	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-32.2392	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0026	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0106	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0106	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2162	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2162	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2164	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
2164	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2164	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2164	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2164	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2164	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2164	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2166	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2166	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2166	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
2166	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2166	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2166	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2166	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2168	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2168	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2168	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN

2168	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2168	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2253	0.0000	0.0000	0.0000	kN
2168	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2168	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2170	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2170	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2170	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2170	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2170	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2332	0.0000	0.0000	0.0000	kN
2170	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2170	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2172	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2172	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2172	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2172	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
2172	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2172	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2172	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2174	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2174	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2174	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
2174	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2174	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2174	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2174	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2176	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2176	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.3752	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0001	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0000	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0000	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2176	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0001	0.0000	0.0000	0.0000	kN
2176	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2178	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0042	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0005	0.0000	0.0000	0.0000	kN
2178	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2178	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.3980	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-5.2412	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0005	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0010	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0042	0.0000	0.0000	0.0000	kN
2178	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2178	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2180	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2180	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2180	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-4.4898	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0036	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0009	0.0000	0.0000	0.0000	kN
2180	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0036	0.0000	0.0000	0.0000	kN
2180	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

2182	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2182	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2182	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.5655	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0004	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2182	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0004	0.0000	0.0000	0.0000	kN
2182	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2184	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2184	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4563	0.0000	0.0000	0.0000	kN
2184	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2184	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2184	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2184	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2184	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2186	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2186	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0299	0.0000	0.0000	0.0000	kN
2186	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0075	0.0000	0.0000	0.0000	kN
2186	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-76.4554	0.0000	0.0000	0.0000	kN
2186	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0299	0.0000	0.0000	0.0000	kN
2186	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0075	0.0000	0.0000	0.0000	kN
2186	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2188	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0230	0.0000	0.0000	0.0000	kN
2188	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0057	0.0000	0.0000	0.0000	kN
2188	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-58.7291	0.0000	0.0000	0.0000	kN
2188	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0230	0.0000	0.0000	0.0000	kN
2188	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0057	0.0000	0.0000	0.0000	kN
2188	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2188	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2190	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2190	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-19.1827	0.0000	0.0000	0.0000	kN
2190	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0075	0.0000	0.0000	0.0000	kN
2190	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0019	0.0000	0.0000	0.0000	kN
2190	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0075	0.0000	0.0000	0.0000	kN
2190	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0019	0.0000	0.0000	0.0000	kN
2190	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2192	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2192	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2192	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2192	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2192	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2192	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2192	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2194	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2194	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2194	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2194	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2194	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2194	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2194	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2196	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2196	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2196	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2196	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2196	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2196	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2196	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

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2448	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.3980	0.0000	0.0000	0.0000	kN
2448	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2448	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2448	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0005	0.0000	0.0000	0.0000	kN
2448	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2448	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0005	0.0000	0.0000	0.0000	kN
2448	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2450	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2450	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2450	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2450	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2450	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2450	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2450	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2452	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2452	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2452	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2452	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2452	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2452	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2452	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2454	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2454	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2454	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2454	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2454	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4563	0.0000	0.0000	0.0000	kN
2454	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2454	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2456	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2456	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0075	0.0000	0.0000	0.0000	kN
2456	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0299	0.0000	0.0000	0.0000	kN
2456	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-76.4554	0.0000	0.0000	0.0000	kN
2456	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0075	0.0000	0.0000	0.0000	kN
2456	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0299	0.0000	0.0000	0.0000	kN
2456	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2458	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0057	0.0000	0.0000	0.0000	kN
2458	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0230	0.0000	0.0000	0.0000	kN
2458	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-58.7291	0.0000	0.0000	0.0000	kN
2458	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0057	0.0000	0.0000	0.0000	kN
2458	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0230	0.0000	0.0000	0.0000	kN
2458	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2458	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2460	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-19.1827	0.0000	0.0000	0.0000	kN
2460	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2460	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0019	0.0000	0.0000	0.0000	kN
2460	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0075	0.0000	0.0000	0.0000	kN
2460	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0019	0.0000	0.0000	0.0000	kN
2460	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0075	0.0000	0.0000	0.0000	kN
2460	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2462	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2462	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2462	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2462	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2462	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2462	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2462	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2464	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2464	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2464	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2464	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2464	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN

2464	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2464	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2466	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2466	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2466	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2466	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2466	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2466	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2466	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2468	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2468	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2468	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2468	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2468	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2468	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2468	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2470	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2470	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2470	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2470	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2470	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2470	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2470	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2472	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2472	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2472	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4559	0.0000	0.0000	0.0000	kN
2472	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2472	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2472	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2472	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2474	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2474	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2474	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2474	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4669	0.0000	0.0000	0.0000	kN
2474	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2474	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2474	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2549	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2549	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2550	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2550	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2551	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2551	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2551	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2551	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2551	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2551	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2551	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2551	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2551	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2552	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2552	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2553	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2553	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2553	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2553	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

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2588	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2588	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2589	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2589	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2589	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2589	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2589	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2589	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2589	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2589	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2589	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2597	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2597	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2598	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2598	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2599	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2599	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2599	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2599	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2599	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2599	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2599	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2599	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2599	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2600	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2600	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2601	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2601	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2601	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2601	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2601	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2601	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2601	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2601	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2601	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2609	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2609	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2610	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2610	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2611	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2611	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2611	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2611	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2612	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2612	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2613	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2613	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2613	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2613	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2613	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2613	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2613	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2613	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2613	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2621	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2621	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m

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2709	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2709	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2709	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2709	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2709	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2709	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2709	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2717	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2717	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2718	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2718	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2719	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2719	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2719	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2719	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2719	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2719	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2719	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2719	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2719	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2720	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2720	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2721	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-1.4780	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0006	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2721	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0006	0.0000	0.0000	0.0000	kN
2721	Snow	Distributed Forces	Global Z	-1.2000	-1.2000	0.0000	0.0000	kN/m
2721	Gk2	Distributed Forces	Global Z	-4.0000	-4.0000	0.0000	0.0000	kN/m
2729	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
2729	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m
2730	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
2730	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m
2731	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.7390	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0003	0.0000	0.0000	0.0000	kN
2731	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0003	0.0000	0.0000	0.0000	kN
2731	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
2731	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m
2732	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
2732	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m
2733	MVmaxMVLMMy2307_AA	Concentrated Forces	Global Z	-0.0000	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307_BL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307_BA	Concentrated Forces	Global X	0.0003	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307	Concentrated Forces	Global Z	-0.7390	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307_BA	Concentrated Forces	Global Z	0.0000	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307_AL	Concentrated Forces	Global Y	0.0001	0.0000	0.0000	0.0000	kN
2733	MVmaxMVLMMy2307_AA	Concentrated Forces	Global X	-0.0003	0.0000	0.0000	0.0000	kN
2733	Snow	Distributed Forces	Global Z	-0.6000	-0.6000	0.0000	0.0000	kN/m
2733	Gk2	Distributed Forces	Global Z	-2.0000	-2.0000	0.0000	0.0000	kN/m

7.5 Elementi plate della struttura.

Nella tabella seguente sono riportate gli elementi plate riscontrate nel modello FEM per l'analisi della struttura.

Elemento	Tipo	Materiale	Spessore (cm)	Nodo1	Nodo2	Nodo3	Nodo4
1	PLATE	4	100	55	1	7	61
2	PLATE	4	210	56	2	8	62
3	PLATE	4	210	57	3	9	63
4	PLATE	4	210	58	4	10	64
5	PLATE	4	210	59	5	11	65
6	PLATE	4	100	60	6	12	66
7	PLATE	4	100	61	7	13	67
8	PLATE	4	210	62	8	14	68
9	PLATE	4	210	63	9	15	69
10	PLATE	4	210	64	10	16	70
11	PLATE	4	210	65	11	17	71
12	PLATE	4	100	66	12	18	72
13	PLATE	4	100	67	13	19	73
14	PLATE	4	210	68	14	20	74
15	PLATE	4	210	69	15	21	75
16	PLATE	4	210	70	16	22	76
17	PLATE	4	210	71	17	23	77
18	PLATE	4	100	72	18	24	78
19	PLATE	4	100	73	19	25	79
20	PLATE	4	210	74	20	26	80
21	PLATE	4	210	75	21	27	81
22	PLATE	4	210	76	22	28	82
23	PLATE	4	210	77	23	29	83
24	PLATE	4	100	78	24	30	84
25	PLATE	4	100	79	25	31	85
26	PLATE	4	210	80	26	32	86
27	PLATE	4	210	81	27	33	87
28	PLATE	4	210	82	28	34	88
29	PLATE	4	210	83	29	35	89
30	PLATE	4	100	84	30	36	90
31	PLATE	4	100	85	31	37	91
32	PLATE	4	210	86	32	38	92
33	PLATE	4	210	87	33	39	93
34	PLATE	4	210	88	34	40	94
35	PLATE	4	210	89	35	41	95
36	PLATE	4	100	90	36	42	96
37	PLATE	4	100	91	37	43	97
38	PLATE	4	210	92	38	44	98
39	PLATE	4	210	93	39	45	99
40	PLATE	4	210	94	40	46	100
41	PLATE	4	210	95	41	47	101
42	PLATE	4	100	96	42	48	102
43	PLATE	4	100	97	43	49	103
44	PLATE	4	210	98	44	50	104
45	PLATE	4	210	99	45	51	105
46	PLATE	4	210	100	46	52	106
47	PLATE	4	210	101	47	53	107
48	PLATE	4	100	102	48	54	108
49	PLATE	4	100	109	55	61	115
50	PLATE	4	210	110	56	62	116
51	PLATE	4	210	111	57	63	117
52	PLATE	4	210	112	58	64	118
53	PLATE	4	210	113	59	65	119
54	PLATE	4	100	114	60	66	120
55	PLATE	4	100	115	61	67	121
56	PLATE	4	210	116	62	68	122
57	PLATE	4	210	117	63	69	123
58	PLATE	4	210	118	64	70	124
59	PLATE	4	210	119	65	71	125
60	PLATE	4	100	120	66	72	126

61	PLATE	4	100	121	67	73	127
62	PLATE	4	210	122	68	74	128
63	PLATE	4	210	123	69	75	129
64	PLATE	4	210	124	70	76	130
65	PLATE	4	210	125	71	77	131
66	PLATE	4	100	126	72	78	132
67	PLATE	4	100	127	73	79	133
68	PLATE	4	210	128	74	80	134
69	PLATE	4	210	129	75	81	135
70	PLATE	4	210	130	76	82	136
71	PLATE	4	210	131	77	83	137
72	PLATE	4	100	132	78	84	138
73	PLATE	4	100	133	79	85	139
74	PLATE	4	210	134	80	86	140
75	PLATE	4	210	135	81	87	141
76	PLATE	4	210	136	82	88	142
77	PLATE	4	210	137	83	89	143
78	PLATE	4	100	138	84	90	144
79	PLATE	4	100	139	85	91	145
80	PLATE	4	210	140	86	92	146
81	PLATE	4	210	141	87	93	147
82	PLATE	4	210	142	88	94	148
83	PLATE	4	210	143	89	95	149
84	PLATE	4	100	144	90	96	150
85	PLATE	4	100	145	91	97	151
86	PLATE	4	210	146	92	98	152
87	PLATE	4	210	147	93	99	153
88	PLATE	4	210	148	94	100	154
89	PLATE	4	210	149	95	101	155
90	PLATE	4	100	150	96	102	156
91	PLATE	4	100	151	97	103	157
92	PLATE	4	210	152	98	104	158
93	PLATE	4	210	153	99	105	159
94	PLATE	4	210	154	100	106	160
95	PLATE	4	210	155	101	107	161
96	PLATE	4	100	156	102	108	162
97	PLATE	4	100	163	109	115	169
98	PLATE	4	210	164	110	116	170
99	PLATE	4	210	165	111	117	171
100	PLATE	4	210	166	112	118	172
101	PLATE	4	210	167	113	119	173
102	PLATE	4	100	168	114	120	174
103	PLATE	4	100	169	115	121	175
104	PLATE	4	210	170	116	122	176
105	PLATE	4	210	171	117	123	177
106	PLATE	4	210	172	118	124	178
107	PLATE	4	210	173	119	125	179
108	PLATE	4	100	174	120	126	180
109	PLATE	4	100	175	121	127	181
110	PLATE	4	210	176	122	128	182
111	PLATE	4	210	177	123	129	183
112	PLATE	4	210	178	124	130	184
113	PLATE	4	210	179	125	131	185
114	PLATE	4	100	180	126	132	186
115	PLATE	4	100	181	127	133	187
116	PLATE	4	210	182	128	134	188
117	PLATE	4	210	183	129	135	189
118	PLATE	4	210	184	130	136	190
119	PLATE	4	210	185	131	137	191
120	PLATE	4	100	186	132	138	192
121	PLATE	4	100	187	133	139	193

122	PLATE	4	210	188	134	140	194
123	PLATE	4	210	189	135	141	195
124	PLATE	4	210	190	136	142	196
125	PLATE	4	210	191	137	143	197
126	PLATE	4	100	192	138	144	198
127	PLATE	4	100	193	139	145	199
128	PLATE	4	210	194	140	146	200
129	PLATE	4	210	195	141	147	201
130	PLATE	4	210	196	142	148	202
131	PLATE	4	210	197	143	149	203
132	PLATE	4	100	198	144	150	204
133	PLATE	4	100	199	145	151	205
134	PLATE	4	210	200	146	152	206
135	PLATE	4	210	201	147	153	207
136	PLATE	4	210	202	148	154	208
137	PLATE	4	210	203	149	155	209
138	PLATE	4	100	204	150	156	210
139	PLATE	4	100	205	151	157	211
140	PLATE	4	210	206	152	158	212
141	PLATE	4	210	207	153	159	213
142	PLATE	4	210	208	154	160	214
143	PLATE	4	210	209	155	161	215
144	PLATE	4	100	210	156	162	216
145	PLATE	4	100	217	163	169	223
146	PLATE	4	210	218	164	170	224
147	PLATE	4	210	219	165	171	225
148	PLATE	4	210	220	166	172	226
149	PLATE	4	210	221	167	173	227
150	PLATE	4	100	222	168	174	228
151	PLATE	4	100	223	169	175	229
152	PLATE	4	210	224	170	176	230
153	PLATE	4	210	225	171	177	231
154	PLATE	4	210	226	172	178	232
155	PLATE	4	210	227	173	179	233
156	PLATE	4	100	228	174	180	234
157	PLATE	4	100	229	175	181	235
158	PLATE	4	210	230	176	182	236
159	PLATE	4	210	231	177	183	237
160	PLATE	4	210	232	178	184	238
161	PLATE	4	210	233	179	185	239
162	PLATE	4	100	234	180	186	240
163	PLATE	4	100	235	181	187	241
164	PLATE	4	210	236	182	188	242
165	PLATE	4	210	237	183	189	243
166	PLATE	4	210	238	184	190	244
167	PLATE	4	210	239	185	191	245
168	PLATE	4	100	240	186	192	246
169	PLATE	4	100	241	187	193	247
170	PLATE	4	210	242	188	194	248
171	PLATE	4	210	243	189	195	249
172	PLATE	4	210	244	190	196	250
173	PLATE	4	210	245	191	197	251
174	PLATE	4	100	246	192	198	252
175	PLATE	4	100	247	193	199	253
176	PLATE	4	210	248	194	200	254
177	PLATE	4	210	249	195	201	255
178	PLATE	4	210	250	196	202	256
179	PLATE	4	210	251	197	203	257
180	PLATE	4	100	252	198	204	258
181	PLATE	4	100	253	199	205	259
182	PLATE	4	210	254	200	206	260

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

183	PLATE	4	210	255	201	207	261
184	PLATE	4	210	256	202	208	262
185	PLATE	4	210	257	203	209	263
186	PLATE	4	100	258	204	210	264
187	PLATE	4	100	259	205	211	265
188	PLATE	4	210	260	206	212	266
189	PLATE	4	210	261	207	213	267
190	PLATE	4	210	262	208	214	268
191	PLATE	4	210	263	209	215	269
192	PLATE	4	100	264	210	216	270
193	PLATE	4	100	271	217	223	277
194	PLATE	4	210	272	218	224	279
195	PLATE	4	210	273	219	225	282
196	PLATE	4	210	274	220	226	284
197	PLATE	4	210	275	221	227	285
198	PLATE	4	100	276	222	228	286
199	PLATE	4	100	277	223	229	287
200	PLATE	4	210	279	224	230	289
201	PLATE	4	210	282	225	231	292
202	PLATE	4	210	284	226	232	294
203	PLATE	4	210	285	227	233	295
204	PLATE	4	100	286	228	234	296
205	PLATE	4	100	287	229	235	297
206	PLATE	4	210	289	230	236	299
207	PLATE	4	210	292	231	237	302
208	PLATE	4	210	294	232	238	304
209	PLATE	4	210	295	233	239	305
210	PLATE	4	100	296	234	240	306
211	PLATE	4	100	297	235	241	307
212	PLATE	4	210	299	236	242	309
213	PLATE	4	210	302	237	243	312
214	PLATE	4	210	304	238	244	314
215	PLATE	4	210	305	239	245	315
216	PLATE	4	100	306	240	246	316
217	PLATE	4	100	307	241	247	317
218	PLATE	4	210	309	242	248	319
219	PLATE	4	210	312	243	249	322
220	PLATE	4	210	314	244	250	324
221	PLATE	4	210	315	245	251	325
222	PLATE	4	100	316	246	252	326
223	PLATE	4	100	317	247	253	327
224	PLATE	4	210	319	248	254	329
225	PLATE	4	210	322	249	255	332
226	PLATE	4	210	324	250	256	334
227	PLATE	4	210	325	251	257	335
228	PLATE	4	100	326	252	258	336
229	PLATE	4	100	327	253	259	337
230	PLATE	4	210	329	254	260	339
231	PLATE	4	210	332	255	261	342
232	PLATE	4	210	334	256	262	344
233	PLATE	4	210	335	257	263	345
234	PLATE	4	100	336	258	264	346
235	PLATE	4	100	337	259	265	347
236	PLATE	4	210	339	260	266	348
237	PLATE	4	210	342	261	267	349
238	PLATE	4	210	344	262	268	350
239	PLATE	4	210	345	263	269	351
240	PLATE	4	100	346	264	270	352
241	PLATE	2	80	283	381	382	293
242	PLATE	2	80	293	382	383	303
243	PLATE	2	80	303	383	384	313

244	PLATE	2	80	313	384	385	323
245	PLATE	2	80	323	385	386	333
246	PLATE	2	80	333	386	387	343
247	PLATE	2	80	277	388	392	287
248	PLATE	2	80	389	278	288	393
249	PLATE	2	80	280	390	394	290
250	PLATE	2	80	391	281	291	395
251	PLATE	2	80	287	392	396	297
252	PLATE	2	80	393	288	298	397
253	PLATE	2	80	290	394	398	300
254	PLATE	2	80	395	291	301	399
255	PLATE	2	80	297	396	400	307
256	PLATE	2	80	397	298	308	401
257	PLATE	2	80	300	398	402	310
258	PLATE	2	80	399	301	311	403
259	PLATE	2	80	307	400	404	317
260	PLATE	2	80	401	308	318	405
261	PLATE	2	80	310	402	406	320
262	PLATE	2	80	403	311	321	407
263	PLATE	2	80	317	404	408	327
264	PLATE	2	80	405	318	328	409
265	PLATE	2	80	320	406	410	330
266	PLATE	2	80	407	321	331	411
267	PLATE	2	80	327	408	412	337
268	PLATE	2	80	409	328	338	413
269	PLATE	2	80	330	410	414	340
270	PLATE	2	80	411	331	341	415
271	PLATE	2	80	416	286	296	417
272	PLATE	2	80	417	296	306	418
273	PLATE	2	80	418	306	316	419
274	PLATE	2	80	419	316	326	420
275	PLATE	2	80	420	326	336	421
276	PLATE	2	80	421	336	346	422
277	PLATE	2	80	423	353	357	426
278	PLATE	2	80	354	424	427	358
279	PLATE	2	80	425	355	359	428
280	PLATE	2	80	426	357	361	429
281	PLATE	2	80	358	427	430	362
282	PLATE	2	80	428	359	363	431
283	PLATE	2	80	429	361	365	432
284	PLATE	2	80	362	430	433	366
285	PLATE	2	80	431	363	367	434
286	PLATE	2	80	432	365	369	435
287	PLATE	2	80	366	433	436	370
288	PLATE	2	80	434	367	371	437
289	PLATE	2	80	435	369	373	438
290	PLATE	2	80	370	436	439	374
291	PLATE	2	80	437	371	375	440
292	PLATE	2	80	438	373	377	441
293	PLATE	2	80	374	439	442	378
294	PLATE	2	80	440	375	379	443
295	PLATE	2	50	381	453	282	283
296	PLATE	2	50	387	458	342	343
297	PLATE	2	50	279	452	389	278
298	PLATE	2	50	390	452	279	280
299	PLATE	2	50	282	453	391	281
300	PLATE	2	50	339	457	413	338
301	PLATE	2	50	414	457	339	340
302	PLATE	2	50	342	458	415	341
303	PLATE	2	80	356	444	445	360
304	PLATE	2	80	360	445	446	364

305	PLATE	2	80	364	446	447	368
306	PLATE	2	80	368	447	448	372
307	PLATE	2	80	372	448	449	376
308	PLATE	2	80	376	449	450	380
309	PLATE	2	50	284	454	423	353
310	PLATE	2	50	424	454	284	354
311	PLATE	2	50	285	455	425	355
312	PLATE	2	50	344	459	441	377
313	PLATE	2	50	442	459	344	378
314	PLATE	2	50	345	460	443	379
315	PLATE	2	50	444	455	285	356
316	PLATE	2	50	450	460	345	380
317	PLATE	2	50	388	451	277	0
318	PLATE	2	50	412	456	337	0
319	PLATE	2	50	461	416	286	0
320	PLATE	2	50	462	422	346	0
321	PLATE	2	80	381	463	464	382
322	PLATE	2	80	382	464	465	383
323	PLATE	2	80	383	465	466	384
324	PLATE	2	80	384	466	467	385
325	PLATE	2	80	385	467	468	386
326	PLATE	2	80	386	468	469	387
327	PLATE	2	80	388	470	474	392
328	PLATE	2	80	471	389	393	475
329	PLATE	2	80	390	472	476	394
330	PLATE	2	80	473	391	395	477
331	PLATE	2	80	392	474	478	396
332	PLATE	2	80	475	393	397	479
333	PLATE	2	80	394	476	480	398
334	PLATE	2	80	477	395	399	481
335	PLATE	2	80	396	478	482	400
336	PLATE	2	80	479	397	401	483
337	PLATE	2	80	398	480	484	402
338	PLATE	2	80	481	399	403	485
339	PLATE	2	80	400	482	486	404
340	PLATE	2	80	483	401	405	487
341	PLATE	2	80	402	484	488	406
342	PLATE	2	80	485	403	407	489
343	PLATE	2	80	404	486	490	408
344	PLATE	2	80	487	405	409	491
345	PLATE	2	80	406	488	492	410
346	PLATE	2	80	489	407	411	493
347	PLATE	2	80	408	490	494	412
348	PLATE	2	80	491	409	413	495
349	PLATE	2	80	410	492	496	414
350	PLATE	2	80	493	411	415	497
351	PLATE	2	80	498	416	417	499
352	PLATE	2	80	499	417	418	500
353	PLATE	2	80	500	418	419	501
354	PLATE	2	80	501	419	420	502
355	PLATE	2	80	502	420	421	503
356	PLATE	2	80	503	421	422	504
357	PLATE	2	80	424	505	507	427
358	PLATE	2	80	506	425	428	508
359	PLATE	2	80	427	507	509	430
360	PLATE	2	80	508	428	431	510
361	PLATE	2	80	430	509	511	433
362	PLATE	2	80	510	431	434	512
363	PLATE	2	80	433	511	513	436
364	PLATE	2	80	512	434	437	514
365	PLATE	2	80	436	513	515	439

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

366	PLATE	2	80	514	437	440	516
367	PLATE	2	80	439	515	517	442
368	PLATE	2	80	516	440	443	518
369	PLATE	2	80	519	423	426	520
370	PLATE	2	80	520	426	429	521
371	PLATE	2	80	521	429	432	522
372	PLATE	2	80	522	432	435	523
373	PLATE	2	80	523	435	438	524
374	PLATE	2	80	524	438	441	525
375	PLATE	2	80	444	526	527	445
376	PLATE	2	80	445	527	528	446
377	PLATE	2	80	446	528	529	447
378	PLATE	2	80	447	529	530	448
379	PLATE	2	80	448	530	531	449
380	PLATE	2	80	449	531	532	450
381	PLATE	2	50	549	451	388	470
382	PLATE	2	50	554	456	412	494
383	PLATE	2	50	416	461	559	498
384	PLATE	2	50	422	462	560	504
385	PLATE	2	50	463	533	381	0
386	PLATE	2	50	469	534	387	0
387	PLATE	2	50	535	390	472	0
388	PLATE	2	50	536	414	496	0
389	PLATE	2	50	541	471	389	0
390	PLATE	2	50	542	495	413	0
391	PLATE	2	50	533	551	453	381
392	PLATE	2	50	534	556	458	387
393	PLATE	2	50	545	473	391	0
394	PLATE	2	50	546	497	415	0
395	PLATE	2	50	550	452	390	535
396	PLATE	2	50	555	457	414	536
397	PLATE	2	50	537	506	425	0
398	PLATE	2	50	538	518	443	0
399	PLATE	2	50	539	519	423	0
400	PLATE	2	50	540	525	441	0
401	PLATE	2	50	550	541	389	452
402	PLATE	2	50	543	424	505	0
403	PLATE	2	50	555	542	413	457
404	PLATE	2	50	544	442	517	0
405	PLATE	2	50	551	545	391	453
406	PLATE	2	50	556	546	415	458
407	PLATE	2	50	552	539	423	454
408	PLATE	2	50	553	537	425	455
409	PLATE	2	50	557	540	441	459
410	PLATE	2	50	558	538	443	460
411	PLATE	2	50	552	454	424	543
412	PLATE	2	50	557	459	442	544
413	PLATE	2	50	553	455	444	547
414	PLATE	2	50	558	460	450	548
415	PLATE	2	50	547	444	526	0
416	PLATE	2	50	548	450	532	0
417	PLATE	2	80	463	561	562	464
418	PLATE	2	80	464	562	563	465
419	PLATE	2	80	465	563	564	466
420	PLATE	2	80	466	564	565	467
421	PLATE	2	80	467	565	566	468
422	PLATE	2	80	468	566	567	469
423	PLATE	2	80	470	568	572	474
424	PLATE	2	80	569	471	475	573
425	PLATE	2	80	472	570	574	476
426	PLATE	2	80	571	473	477	575

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

427	PLATE	2	80	474	572	576	478
428	PLATE	2	80	573	475	479	577
429	PLATE	2	80	476	574	578	480
430	PLATE	2	80	575	477	481	579
431	PLATE	2	80	478	576	580	482
432	PLATE	2	80	577	479	483	581
433	PLATE	2	80	480	578	582	484
434	PLATE	2	80	579	481	485	583
435	PLATE	2	80	482	580	584	486
436	PLATE	2	80	581	483	487	585
437	PLATE	2	80	484	582	586	488
438	PLATE	2	80	583	485	489	587
439	PLATE	2	80	486	584	588	490
440	PLATE	2	80	585	487	491	589
441	PLATE	2	80	488	586	590	492
442	PLATE	2	80	587	489	493	591
443	PLATE	2	80	490	588	592	494
444	PLATE	2	80	589	491	495	593
445	PLATE	2	80	492	590	594	496
446	PLATE	2	80	591	493	497	595
447	PLATE	2	80	505	596	598	507
448	PLATE	2	80	597	506	508	599
449	PLATE	2	80	507	598	600	509
450	PLATE	2	80	599	508	510	601
451	PLATE	2	80	509	600	602	511
452	PLATE	2	80	601	510	512	603
453	PLATE	2	80	511	602	604	513
454	PLATE	2	80	603	512	514	605
455	PLATE	2	80	513	604	606	515
456	PLATE	2	80	605	514	516	607
457	PLATE	2	80	515	606	608	517
458	PLATE	2	80	607	516	518	609
459	PLATE	2	80	610	519	520	611
460	PLATE	2	80	611	520	521	612
461	PLATE	2	80	612	521	522	613
462	PLATE	2	80	613	522	523	614
463	PLATE	2	80	614	523	524	615
464	PLATE	2	80	615	524	525	616
465	PLATE	2	80	617	498	499	618
466	PLATE	2	80	618	499	500	619
467	PLATE	2	80	619	500	501	620
468	PLATE	2	80	620	501	502	621
469	PLATE	2	80	621	502	503	622
470	PLATE	2	80	622	503	504	623
471	PLATE	2	80	526	624	625	527
472	PLATE	2	80	527	625	626	528
473	PLATE	2	80	528	626	627	529
474	PLATE	2	80	529	627	628	530
475	PLATE	2	80	530	628	629	531
476	PLATE	2	80	531	629	630	532
477	PLATE	2	50	549	470	568	631
478	PLATE	2	50	554	494	592	632
479	PLATE	2	50	463	561	633	533
480	PLATE	2	50	469	567	634	534
481	PLATE	2	50	472	570	693	535
482	PLATE	2	50	496	594	695	536
483	PLATE	2	50	656	571	473	545
484	PLATE	2	50	663	595	497	546
485	PLATE	2	50	506	537	694	597
486	PLATE	2	50	518	538	696	609
487	PLATE	2	50	519	539	697	610

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

488	PLATE	2	50	525	540	698	616
489	PLATE	2	50	505	596	699	543
490	PLATE	2	50	517	608	700	544
491	PLATE	2	50	471	541	710	569
492	PLATE	2	50	495	542	711	593
493	PLATE	2	50	526	624	708	547
494	PLATE	2	50	532	630	709	548
495	PLATE	2	50	729	617	498	559
496	PLATE	2	50	730	623	504	560
497	PLATE	2	50	551	533	633	721
498	PLATE	2	50	556	534	634	726
499	PLATE	2	50	550	535	693	720
500	PLATE	2	50	555	536	695	725
501	PLATE	2	50	656	545	551	721
502	PLATE	2	50	663	546	556	726
503	PLATE	2	50	552	722	697	539
504	PLATE	2	50	553	723	694	537
505	PLATE	2	50	557	727	698	540
506	PLATE	2	50	558	728	696	538
507	PLATE	2	50	552	543	699	722
508	PLATE	2	50	557	544	700	727
509	PLATE	2	50	550	720	710	541
510	PLATE	2	50	553	547	708	723
511	PLATE	2	50	555	725	711	542
512	PLATE	2	50	558	548	709	728
513	PLATE	2	80	561	635	636	562
514	PLATE	2	80	562	636	637	563
515	PLATE	2	80	563	637	638	564
516	PLATE	2	80	564	638	639	565
517	PLATE	2	80	565	639	640	566
518	PLATE	2	80	566	640	641	567
519	PLATE	2	80	596	642	644	598
520	PLATE	2	80	643	597	599	645
521	PLATE	2	80	598	644	646	600
522	PLATE	2	80	645	599	601	647
523	PLATE	2	80	600	646	648	602
524	PLATE	2	80	647	601	603	649
525	PLATE	2	80	602	648	650	604
526	PLATE	2	80	649	603	605	651
527	PLATE	2	80	604	650	652	606
528	PLATE	2	80	651	605	607	653
529	PLATE	2	80	606	652	654	608
530	PLATE	2	80	653	607	609	655
531	PLATE	2	80	568	665	669	572
532	PLATE	2	80	666	569	573	670
533	PLATE	2	80	570	667	671	574
534	PLATE	2	80	668	571	575	672
535	PLATE	2	80	572	669	673	576
536	PLATE	2	80	670	573	577	674
537	PLATE	2	80	574	671	675	578
538	PLATE	2	80	672	575	579	676
539	PLATE	2	80	576	673	677	580
540	PLATE	2	80	674	577	581	678
541	PLATE	2	80	578	675	679	582
542	PLATE	2	80	676	579	583	680
543	PLATE	2	80	580	677	681	584
544	PLATE	2	80	678	581	585	682
545	PLATE	2	80	582	679	683	586
546	PLATE	2	80	680	583	587	684
547	PLATE	2	80	584	681	685	588
548	PLATE	2	80	682	585	589	686

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

549	PLATE	2	80	586	683	687	590
550	PLATE	2	80	684	587	591	688
551	PLATE	2	80	588	685	689	592
552	PLATE	2	80	686	589	593	690
553	PLATE	2	80	590	687	691	594
554	PLATE	2	80	688	591	595	692
555	PLATE	2	80	657	610	611	658
556	PLATE	2	80	658	611	612	659
557	PLATE	2	80	659	612	613	660
558	PLATE	2	80	660	613	614	661
559	PLATE	2	80	661	614	615	662
560	PLATE	2	80	662	615	616	664
561	PLATE	2	80	701	617	618	702
562	PLATE	2	80	702	618	619	703
563	PLATE	2	80	703	619	620	704
564	PLATE	2	80	704	620	621	705
565	PLATE	2	80	705	621	622	706
566	PLATE	2	80	706	622	623	707
567	PLATE	2	50	731	719	549	631
568	PLATE	2	50	732	724	554	632
569	PLATE	2	80	624	712	713	625
570	PLATE	2	80	625	713	714	626
571	PLATE	2	80	626	714	715	627
572	PLATE	2	80	627	715	716	628
573	PLATE	2	80	628	716	717	629
574	PLATE	2	80	629	717	718	630
575	PLATE	2	50	568	665	731	631
576	PLATE	2	50	592	689	732	632
577	PLATE	2	50	633	561	635	817
578	PLATE	2	50	634	567	641	818
579	PLATE	2	50	656	733	668	571
580	PLATE	2	50	663	734	692	595
581	PLATE	2	50	643	597	694	742
582	PLATE	2	50	655	609	696	743
583	PLATE	2	50	657	610	697	744
584	PLATE	2	50	699	596	642	746
585	PLATE	2	50	664	616	698	745
586	PLATE	2	50	700	608	654	747
587	PLATE	2	50	693	570	667	769
588	PLATE	2	50	695	594	691	770
589	PLATE	2	50	666	569	710	771
590	PLATE	2	50	690	593	711	772
591	PLATE	2	50	712	801	708	624
592	PLATE	2	50	718	802	709	630
593	PLATE	2	50	701	617	729	823
594	PLATE	2	50	707	623	730	824
595	PLATE	2	80	635	735	736	636
596	PLATE	2	80	636	736	737	637
597	PLATE	2	80	637	737	738	638
598	PLATE	2	80	638	738	739	639
599	PLATE	2	80	639	739	740	640
600	PLATE	2	80	640	740	741	641
601	PLATE	2	80	642	748	750	644
602	PLATE	2	80	749	643	645	751
603	PLATE	2	80	644	750	752	646
604	PLATE	2	80	751	645	647	753
605	PLATE	2	80	646	752	754	648
606	PLATE	2	80	753	647	649	755
607	PLATE	2	80	648	754	756	650
608	PLATE	2	80	755	649	651	757
609	PLATE	2	80	650	756	758	652

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

610	PLATE	2	80	757	651	653	759
611	PLATE	2	80	652	758	760	654
612	PLATE	2	80	759	653	655	761
613	PLATE	2	80	762	657	658	763
614	PLATE	2	80	763	658	659	764
615	PLATE	2	80	764	659	660	765
616	PLATE	2	80	765	660	661	766
617	PLATE	2	80	766	661	662	767
618	PLATE	2	80	767	662	664	768
619	PLATE	2	80	665	773	777	669
620	PLATE	2	80	774	666	670	778
621	PLATE	2	80	667	775	779	671
622	PLATE	2	80	776	668	672	780
623	PLATE	2	80	669	777	781	673
624	PLATE	2	80	778	670	674	782
625	PLATE	2	80	671	779	783	675
626	PLATE	2	80	780	672	676	784
627	PLATE	2	80	673	781	785	677
628	PLATE	2	80	782	674	678	786
629	PLATE	2	80	675	783	787	679
630	PLATE	2	80	784	676	680	788
631	PLATE	2	80	677	785	789	681
632	PLATE	2	80	786	678	682	790
633	PLATE	2	80	679	787	791	683
634	PLATE	2	80	788	680	684	792
635	PLATE	2	80	681	789	793	685
636	PLATE	2	80	790	682	686	794
637	PLATE	2	80	683	791	795	687
638	PLATE	2	80	792	684	688	796
639	PLATE	2	80	685	793	797	689
640	PLATE	2	80	794	686	690	798
641	PLATE	2	80	687	795	799	691
642	PLATE	2	80	796	688	692	800
643	PLATE	2	80	803	701	702	804
644	PLATE	2	80	804	702	703	805
645	PLATE	2	80	805	703	704	806
646	PLATE	2	80	806	704	705	807
647	PLATE	2	80	807	705	706	808
648	PLATE	2	80	808	706	707	809
649	PLATE	2	80	712	810	811	713
650	PLATE	2	80	713	811	812	714
651	PLATE	2	80	714	812	813	715
652	PLATE	2	80	715	813	814	716
653	PLATE	2	80	716	814	815	717
654	PLATE	2	80	717	815	816	718
655	PLATE	2	50	836	721	633	817
656	PLATE	2	50	842	726	634	818
657	PLATE	2	50	773	877	731	665
658	PLATE	2	50	797	878	732	689
659	PLATE	2	50	776	668	733	825
660	PLATE	2	50	800	692	734	826
661	PLATE	2	50	834	720	693	821
662	PLATE	2	50	836	835	656	721
663	PLATE	2	50	840	725	695	822
664	PLATE	2	50	842	841	663	726
665	PLATE	2	50	837	722	699	827
666	PLATE	2	50	838	723	708	819
667	PLATE	2	50	843	727	700	828
668	PLATE	2	50	844	728	709	820
669	PLATE	2	50	837	831	697	722
670	PLATE	2	50	838	829	694	723

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

671	PLATE	2	50	843	832	698	727
672	PLATE	2	50	844	830	696	728
673	PLATE	2	50	834	845	710	720
674	PLATE	2	50	840	852	711	725
675	PLATE	2	50	749	643	742	927
676	PLATE	2	50	761	655	743	934
677	PLATE	2	50	762	657	744	925
678	PLATE	2	50	768	664	745	926
679	PLATE	2	50	642	748	939	746
680	PLATE	2	50	654	760	941	747
681	PLATE	2	50	817	635	735	919
682	PLATE	2	50	818	641	741	920
683	PLATE	2	50	667	775	938	769
684	PLATE	2	50	691	799	940	770
685	PLATE	2	50	666	771	936	774
686	PLATE	2	50	690	772	937	798
687	PLATE	2	50	719	731	877	833
688	PLATE	2	50	724	732	878	839
689	PLATE	2	50	712	810	949	801
690	PLATE	2	50	718	816	950	802
691	PLATE	2	50	733	656	835	921
692	PLATE	2	50	734	663	841	922
693	PLATE	2	50	821	693	769	885
694	PLATE	2	50	822	695	770	886
695	PLATE	2	50	827	699	746	883
696	PLATE	2	50	742	694	829	880
697	PLATE	2	50	828	700	747	884
698	PLATE	2	50	743	696	830	882
699	PLATE	2	50	744	697	831	879
700	PLATE	2	50	745	698	832	881
701	PLATE	2	50	819	708	801	917
702	PLATE	2	50	820	709	802	918
703	PLATE	2	50	771	710	845	915
704	PLATE	2	50	772	711	852	916
705	PLATE	2	50	823	923	803	701
706	PLATE	2	50	824	924	809	707
707	PLATE	2	50	729	875	823	0
708	PLATE	2	50	730	876	824	0
709	PLATE	2	80	735	846	847	736
710	PLATE	2	80	736	847	848	737
711	PLATE	2	80	737	848	849	738
712	PLATE	2	80	738	849	850	739
713	PLATE	2	80	739	850	851	740
714	PLATE	2	80	740	851	853	741
715	PLATE	2	80	748	854	856	750
716	PLATE	2	80	855	749	751	857
717	PLATE	2	80	750	856	858	752
718	PLATE	2	80	857	751	753	859
719	PLATE	2	80	752	858	860	754
720	PLATE	2	80	859	753	755	861
721	PLATE	2	80	754	860	862	756
722	PLATE	2	80	861	755	757	863
723	PLATE	2	80	756	862	864	758
724	PLATE	2	80	863	757	759	865
725	PLATE	2	80	758	864	866	760
726	PLATE	2	80	865	759	761	867
727	PLATE	2	80	868	762	763	869
728	PLATE	2	80	869	763	764	870
729	PLATE	2	80	870	764	765	871
730	PLATE	2	80	871	765	766	872
731	PLATE	2	80	872	766	767	873

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

732	PLATE	2	80	873	767	768	874
733	PLATE	2	80	773	887	891	777
734	PLATE	2	80	888	774	778	892
735	PLATE	2	80	775	889	893	779
736	PLATE	2	80	890	776	780	894
737	PLATE	2	80	777	891	895	781
738	PLATE	2	80	892	778	782	896
739	PLATE	2	80	779	893	897	783
740	PLATE	2	80	894	780	784	898
741	PLATE	2	80	781	895	899	785
742	PLATE	2	80	896	782	786	900
743	PLATE	2	80	783	897	901	787
744	PLATE	2	80	898	784	788	902
745	PLATE	2	80	785	899	903	789
746	PLATE	2	80	900	786	790	904
747	PLATE	2	80	787	901	905	791
748	PLATE	2	80	902	788	792	906
749	PLATE	2	80	789	903	907	793
750	PLATE	2	80	904	790	794	908
751	PLATE	2	80	791	905	909	795
752	PLATE	2	80	906	792	796	910
753	PLATE	2	80	793	907	911	797
754	PLATE	2	80	908	794	798	912
755	PLATE	2	80	795	909	913	799
756	PLATE	2	80	910	796	800	914
757	PLATE	2	50	733	921	825	0
758	PLATE	2	50	734	922	826	0
759	PLATE	2	80	928	803	804	929
760	PLATE	2	80	929	804	805	930
761	PLATE	2	80	930	805	806	931
762	PLATE	2	80	931	806	807	932
763	PLATE	2	80	932	807	808	933
764	PLATE	2	80	933	808	809	935
765	PLATE	2	80	810	942	943	811
766	PLATE	2	80	811	943	944	812
767	PLATE	2	80	812	944	945	813
768	PLATE	2	80	813	945	946	814
769	PLATE	2	80	814	946	947	815
770	PLATE	2	80	815	947	948	816
771	PLATE	2	50	735	846	1007	919
772	PLATE	2	50	741	853	1008	920
773	PLATE	2	50	890	776	825	1023
774	PLATE	2	50	914	800	826	1024
775	PLATE	2	50	1025	925	744	879
776	PLATE	2	50	1026	927	742	880
777	PLATE	2	50	1027	926	745	881
778	PLATE	2	50	1028	934	743	882
779	PLATE	2	50	749	927	1032	855
780	PLATE	2	50	761	934	1034	867
781	PLATE	2	50	762	925	1031	868
782	PLATE	2	50	768	926	1033	874
783	PLATE	2	50	877	773	887	1039
784	PLATE	2	50	878	797	911	1040
785	PLATE	2	50	746	939	1035	883
786	PLATE	2	50	747	941	1036	884
787	PLATE	2	50	748	854	1049	939
788	PLATE	2	50	760	866	1050	941
789	PLATE	2	50	769	938	1045	885
790	PLATE	2	50	770	940	1046	886
791	PLATE	2	50	1041	936	771	915
792	PLATE	2	50	1043	937	772	916

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

793	PLATE	2	50	888	774	936	1047
794	PLATE	2	50	912	798	937	1048
795	PLATE	2	50	801	949	1029	917
796	PLATE	2	50	802	950	1030	918
797	PLATE	2	50	1051	938	775	889
798	PLATE	2	50	1052	940	799	913
799	PLATE	2	50	1042	928	803	923
800	PLATE	2	50	1044	935	809	924
801	PLATE	2	50	817	919	1037	0
802	PLATE	2	50	818	920	1038	0
803	PLATE	2	50	942	1053	949	810
804	PLATE	2	50	948	1054	950	816
805	PLATE	2	80	846	951	952	847
806	PLATE	2	80	847	952	953	848
807	PLATE	2	80	848	953	954	849
808	PLATE	2	80	849	954	955	850
809	PLATE	2	80	850	955	956	851
810	PLATE	2	80	851	956	957	853
811	PLATE	2	80	854	958	960	856
812	PLATE	2	80	959	855	857	961
813	PLATE	2	80	856	960	962	858
814	PLATE	2	80	961	857	859	963
815	PLATE	2	80	858	962	964	860
816	PLATE	2	80	963	859	861	965
817	PLATE	2	80	860	964	966	862
818	PLATE	2	80	965	861	863	967
819	PLATE	2	80	862	966	968	864
820	PLATE	2	80	967	863	865	969
821	PLATE	2	80	864	968	970	866
822	PLATE	2	80	969	865	867	971
823	PLATE	2	80	972	868	869	973
824	PLATE	2	80	973	869	870	974
825	PLATE	2	80	974	870	871	975
826	PLATE	2	80	975	871	872	976
827	PLATE	2	80	976	872	873	977
828	PLATE	2	80	977	873	874	978
829	PLATE	2	80	887	979	983	891
830	PLATE	2	80	980	888	892	984
831	PLATE	2	80	889	981	985	893
832	PLATE	2	80	982	890	894	986
833	PLATE	2	80	891	983	987	895
834	PLATE	2	80	984	892	896	988
835	PLATE	2	80	893	985	989	897
836	PLATE	2	80	986	894	898	990
837	PLATE	2	80	895	987	991	899
838	PLATE	2	80	988	896	900	992
839	PLATE	2	80	897	989	993	901
840	PLATE	2	80	990	898	902	994
841	PLATE	2	80	899	991	995	903
842	PLATE	2	80	992	900	904	996
843	PLATE	2	80	901	993	997	905
844	PLATE	2	80	994	902	906	998
845	PLATE	2	80	903	995	999	907
846	PLATE	2	80	996	904	908	1000
847	PLATE	2	80	905	997	1001	909
848	PLATE	2	80	998	906	910	1002
849	PLATE	2	80	907	999	1003	911
850	PLATE	2	80	1000	908	912	1004
851	PLATE	2	80	909	1001	1005	913
852	PLATE	2	80	1002	910	914	1006
853	PLATE	2	50	836	817	1037	1102

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

854	PLATE	2	50	842	818	1038	1108
855	PLATE	2	80	1009	928	929	1010
856	PLATE	2	80	1010	929	930	1011
857	PLATE	2	80	1011	930	931	1012
858	PLATE	2	80	1012	931	932	1013
859	PLATE	2	80	1013	932	933	1014
860	PLATE	2	80	1014	933	935	1015
861	PLATE	2	50	831	1055	1025	879
862	PLATE	2	50	1029	1056	819	917
863	PLATE	2	50	832	1057	1027	881
864	PLATE	2	50	1030	1058	820	918
865	PLATE	2	50	829	1059	1026	880
866	PLATE	2	50	830	1060	1028	882
867	PLATE	2	50	921	1061	1023	825
868	PLATE	2	50	922	1068	1024	826
869	PLATE	2	80	942	1016	1017	943
870	PLATE	2	80	943	1017	1018	944
871	PLATE	2	80	944	1018	1019	945
872	PLATE	2	80	945	1019	1020	946
873	PLATE	2	80	946	1020	1021	947
874	PLATE	2	80	947	1021	1022	948
875	PLATE	2	50	1035	1070	827	883
876	PLATE	2	50	1036	1071	828	884
877	PLATE	2	50	1045	1072	821	885
878	PLATE	2	50	1046	1073	822	886
879	PLATE	2	50	838	819	1056	1104
880	PLATE	2	50	844	820	1058	1110
881	PLATE	2	50	845	1074	1041	915
882	PLATE	2	50	852	1075	1043	916
883	PLATE	2	50	1100	834	821	1072
884	PLATE	2	50	1097	1042	923	823
885	PLATE	2	50	1106	840	822	1073
886	PLATE	2	50	1098	1044	924	824
887	PLATE	2	50	1103	1055	831	837
888	PLATE	2	50	1109	1057	832	843
889	PLATE	2	50	837	827	1070	1103
890	PLATE	2	50	1104	1059	829	838
891	PLATE	2	50	843	828	1071	1109
892	PLATE	2	50	1110	1060	830	844
893	PLATE	2	50	1100	1074	845	834
894	PLATE	2	50	1106	1075	852	840
895	PLATE	2	50	836	1102	1101	835
896	PLATE	2	50	842	1108	1107	841
897	PLATE	2	50	835	1101	1061	921
898	PLATE	2	50	841	1107	1068	922
899	PLATE	2	50	833	877	1111	1099
900	PLATE	2	50	839	878	1112	1105
901	PLATE	2	50	875	1143	1097	823
902	PLATE	2	50	876	1144	1098	824
903	PLATE	2	50	1007	846	951	1113
904	PLATE	2	50	1008	853	957	1114
905	PLATE	2	50	877	1039	1111	0
906	PLATE	2	50	878	1040	1112	0
907	PLATE	2	50	1007	1152	1037	919
908	PLATE	2	50	1008	1153	1038	920
909	PLATE	2	50	1049	854	958	1165
910	PLATE	2	50	1050	866	970	1166
911	PLATE	2	50	888	1047	1161	980
912	PLATE	2	50	912	1048	1163	1004
913	PLATE	2	50	889	981	1162	1051
914	PLATE	2	50	913	1005	1164	1052

915	PLATE	2	50	1032	1241	959	855
916	PLATE	2	80	951	1062	1063	952
917	PLATE	2	80	952	1063	1064	953
918	PLATE	2	80	953	1064	1065	954
919	PLATE	2	80	954	1065	1066	955
920	PLATE	2	80	955	1066	1067	956
921	PLATE	2	80	956	1067	1069	957
922	PLATE	2	50	1034	1242	971	867
923	PLATE	2	50	1031	1243	972	868
924	PLATE	2	50	1033	1244	978	874
925	PLATE	2	50	982	890	1023	1249
926	PLATE	2	80	958	1076	1078	960
927	PLATE	2	80	1077	959	961	1079
928	PLATE	2	80	960	1078	1080	962
929	PLATE	2	80	1079	961	963	1081
930	PLATE	2	80	962	1080	1082	964
931	PLATE	2	80	1081	963	965	1083
932	PLATE	2	80	964	1082	1084	966
933	PLATE	2	80	1083	965	967	1085
934	PLATE	2	80	966	1084	1086	968
935	PLATE	2	80	1085	967	969	1087
936	PLATE	2	80	968	1086	1088	970
937	PLATE	2	80	1087	969	971	1089
938	PLATE	2	50	1006	914	1024	1251
939	PLATE	2	80	1090	972	973	1091
940	PLATE	2	80	1091	973	974	1092
941	PLATE	2	80	1092	974	975	1093
942	PLATE	2	80	1093	975	976	1094
943	PLATE	2	80	1094	976	977	1095
944	PLATE	2	80	1095	977	978	1096
945	PLATE	2	50	1253	1039	887	979
946	PLATE	2	50	1254	1040	911	1003
947	PLATE	2	50	942	1016	1174	1053
948	PLATE	2	50	948	1022	1175	1054
949	PLATE	2	50	1031	925	1025	1247
950	PLATE	2	80	979	1115	1119	983
951	PLATE	2	80	1116	980	984	1120
952	PLATE	2	80	981	1117	1121	985
953	PLATE	2	80	1118	982	986	1122
954	PLATE	2	80	983	1119	1123	987
955	PLATE	2	80	1120	984	988	1124
956	PLATE	2	80	985	1121	1125	989
957	PLATE	2	80	1122	986	990	1126
958	PLATE	2	80	987	1123	1127	991
959	PLATE	2	80	1124	988	992	1128
960	PLATE	2	80	989	1125	1129	993
961	PLATE	2	80	1126	990	994	1130
962	PLATE	2	80	991	1127	1131	995
963	PLATE	2	80	1128	992	996	1132
964	PLATE	2	80	993	1129	1133	997
965	PLATE	2	80	1130	994	998	1134
966	PLATE	2	80	995	1131	1135	999
967	PLATE	2	80	1132	996	1000	1136
968	PLATE	2	80	997	1133	1137	1001
969	PLATE	2	80	1134	998	1002	1138
970	PLATE	2	80	999	1135	1139	1003
971	PLATE	2	80	1136	1000	1004	1140
972	PLATE	2	80	1001	1137	1141	1005
973	PLATE	2	80	1138	1002	1006	1142
974	PLATE	2	50	1033	926	1027	1248
975	PLATE	2	50	1032	927	1026	1250

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

976	PLATE	2	50	1034	934	1028	1252
977	PLATE	2	50	1009	928	1042	1277
978	PLATE	2	50	1015	935	1044	1284
979	PLATE	2	50	939	1049	1285	1035
980	PLATE	2	50	941	1050	1286	1036
981	PLATE	2	50	936	1041	1287	1047
982	PLATE	2	50	937	1043	1288	1048
983	PLATE	2	80	1145	1009	1010	1146
984	PLATE	2	80	1146	1010	1011	1147
985	PLATE	2	80	1147	1011	1012	1148
986	PLATE	2	80	1148	1012	1013	1149
987	PLATE	2	80	1149	1013	1014	1150
988	PLATE	2	80	1150	1014	1015	1151
989	PLATE	2	50	938	1051	1291	1045
990	PLATE	2	50	940	1052	1292	1046
991	PLATE	2	50	949	1053	1289	1029
992	PLATE	2	50	950	1054	1290	1030
993	PLATE	2	80	1016	1154	1155	1017
994	PLATE	2	80	1017	1155	1156	1018
995	PLATE	2	80	1018	1156	1157	1019
996	PLATE	2	80	1019	1157	1158	1020
997	PLATE	2	80	1020	1158	1159	1021
998	PLATE	2	80	1021	1159	1160	1022
999	PLATE	2	50	1152	1007	1113	1197
1000	PLATE	2	50	1153	1008	1114	1198
1001	PLATE	2	50	951	1062	1373	1113
1002	PLATE	2	50	957	1069	1375	1114
1003	PLATE	2	50	981	1117	1245	1162
1004	PLATE	2	50	1005	1141	1246	1164
1005	PLATE	2	80	1062	1167	1168	1063
1006	PLATE	2	80	1063	1168	1169	1064
1007	PLATE	2	80	1064	1169	1170	1065
1008	PLATE	2	80	1065	1170	1171	1066
1009	PLATE	2	80	1066	1171	1172	1067
1010	PLATE	2	80	1067	1172	1173	1069
1011	PLATE	2	80	1076	1176	1178	1078
1012	PLATE	2	80	1177	1077	1079	1179
1013	PLATE	2	80	1078	1178	1180	1080
1014	PLATE	2	80	1179	1079	1081	1181
1015	PLATE	2	80	1080	1180	1182	1082
1016	PLATE	2	80	1181	1081	1083	1183
1017	PLATE	2	80	1082	1182	1184	1084
1018	PLATE	2	80	1183	1083	1085	1185
1019	PLATE	2	80	1084	1184	1186	1086
1020	PLATE	2	80	1185	1085	1087	1187
1021	PLATE	2	80	1086	1186	1188	1088
1022	PLATE	2	80	1187	1087	1089	1189
1023	PLATE	2	80	1190	1090	1091	1191
1024	PLATE	2	80	1191	1091	1092	1192
1025	PLATE	2	80	1192	1092	1093	1193
1026	PLATE	2	80	1193	1093	1094	1194
1027	PLATE	2	80	1194	1094	1095	1195
1028	PLATE	2	80	1195	1095	1096	1196
1029	PLATE	2	50	958	1076	1407	1165
1030	PLATE	2	50	970	1088	1408	1166
1031	PLATE	2	50	980	1161	1409	1116
1032	PLATE	2	50	1004	1163	1410	1140
1033	PLATE	2	80	1115	1199	1203	1119
1034	PLATE	2	80	1200	1116	1120	1204
1035	PLATE	2	80	1117	1201	1205	1121
1036	PLATE	2	80	1202	1118	1122	1206

1037	PLATE	2	80	1119	1203	1207	1123
1038	PLATE	2	80	1204	1120	1124	1208
1039	PLATE	2	80	1121	1205	1209	1125
1040	PLATE	2	80	1206	1122	1126	1210
1041	PLATE	2	80	1123	1207	1211	1127
1042	PLATE	2	80	1208	1124	1128	1212
1043	PLATE	2	80	1125	1209	1213	1129
1044	PLATE	2	80	1210	1126	1130	1214
1045	PLATE	2	80	1127	1211	1215	1131
1046	PLATE	2	80	1212	1128	1132	1216
1047	PLATE	2	80	1129	1213	1217	1133
1048	PLATE	2	80	1214	1130	1134	1218
1049	PLATE	2	80	1131	1215	1219	1135
1050	PLATE	2	80	1216	1132	1136	1220
1051	PLATE	2	80	1133	1217	1221	1137
1052	PLATE	2	80	1218	1134	1138	1222
1053	PLATE	2	80	1135	1219	1223	1139
1054	PLATE	2	80	1220	1136	1140	1224
1055	PLATE	2	80	1137	1221	1225	1141
1056	PLATE	2	80	1222	1138	1142	1226
1057	PLATE	2	50	959	1241	1371	1077
1058	PLATE	2	50	971	1242	1372	1089
1059	PLATE	2	50	972	1243	1384	1090
1060	PLATE	2	50	978	1244	1386	1096
1061	PLATE	2	50	1061	1328	1249	1023
1062	PLATE	2	50	1068	1329	1251	1024
1063	PLATE	2	50	1055	1337	1247	1025
1064	PLATE	2	50	1057	1338	1248	1027
1065	PLATE	2	50	1059	1339	1250	1026
1066	PLATE	2	50	1060	1340	1252	1028
1067	PLATE	2	50	979	1115	1383	1253
1068	PLATE	2	50	1003	1139	1385	1254
1069	PLATE	2	50	982	1249	1403	1118
1070	PLATE	2	50	1006	1251	1404	1142
1071	PLATE	2	50	1243	1031	1247	0
1072	PLATE	2	50	1016	1154	1447	1174
1073	PLATE	2	50	1244	1033	1248	0
1074	PLATE	2	50	1022	1160	1448	1175
1075	PLATE	2	50	1241	1032	1250	0
1076	PLATE	2	50	1242	1034	1252	0
1077	PLATE	2	80	1227	1145	1146	1228
1078	PLATE	2	80	1228	1146	1147	1229
1079	PLATE	2	80	1229	1147	1148	1230
1080	PLATE	2	80	1230	1148	1149	1231
1081	PLATE	2	80	1231	1149	1150	1232
1082	PLATE	2	80	1232	1150	1151	1233
1089	PLATE	2	50	1056	1029	1289	1381
1090	PLATE	2	50	1058	1030	1290	1382
1091	PLATE	2	50	1070	1035	1285	1374
1092	PLATE	2	50	1071	1036	1286	1376
1093	PLATE	2	50	1039	1253	1377	1111
1094	PLATE	2	50	1040	1254	1378	1112
1107	PLATE	2	50	1042	1097	1389	1277
1108	PLATE	2	80	1154	1234	1235	1155
1109	PLATE	2	80	1155	1235	1236	1156
1110	PLATE	2	80	1156	1236	1237	1157
1111	PLATE	2	80	1157	1237	1238	1158
1112	PLATE	2	80	1158	1238	1239	1159
1113	PLATE	2	80	1159	1239	1240	1160
1114	PLATE	2	50	1044	1098	1390	1284
1115	PLATE	2	50	1287	1041	1074	1379

1122	PLATE	2	50	1288	1043	1075	1380
1123	PLATE	2	50	1072	1045	1291	1387
1124	PLATE	2	50	1073	1046	1292	1388
1125	PLATE	2	50	1009	1277	1441	1145
1126	PLATE	2	50	1015	1284	1442	1151
1127	PLATE	2	50	1102	1037	1362	1395
1128	PLATE	2	50	1108	1038	1369	1400
1153	PLATE	2	50	1101	1391	1328	1061
1154	PLATE	2	50	1107	1392	1329	1068
1155	PLATE	2	50	1337	1055	1103	1396
1156	PLATE	2	50	1338	1057	1109	1401
1157	PLATE	2	50	1339	1059	1104	1397
1158	PLATE	2	50	1340	1060	1110	1402
1159	PLATE	2	50	1104	1056	1381	1397
1160	PLATE	2	50	1110	1058	1382	1402
1161	PLATE	2	50	1037	1152	1405	1362
1162	PLATE	2	50	1103	1070	1374	1396
1163	PLATE	2	50	1038	1153	1406	1369
1164	PLATE	2	50	1109	1071	1376	1401
1165	PLATE	2	50	1100	1394	1379	1074
1166	PLATE	2	50	1100	1072	1387	1394
1167	PLATE	2	50	1106	1399	1380	1075
1168	PLATE	2	50	1106	1073	1388	1399
1169	PLATE	2	50	1161	1047	1287	1439
1170	PLATE	2	50	1163	1048	1288	1440
1171	PLATE	2	50	1165	1443	1285	1049
1172	PLATE	2	50	1166	1444	1286	1050
1173	PLATE	2	50	1377	1393	1099	1111
1174	PLATE	2	50	1378	1398	1105	1112
1175	PLATE	2	50	1391	1101	1102	1395
1176	PLATE	2	50	1392	1107	1108	1400
1177	PLATE	2	80	1167	1255	1256	1168
1178	PLATE	2	80	1168	1256	1257	1169
1179	PLATE	2	80	1169	1257	1258	1170
1180	PLATE	2	80	1170	1258	1259	1171
1181	PLATE	2	80	1171	1259	1260	1172
1182	PLATE	2	80	1172	1260	1261	1173
1183	PLATE	2	50	1162	1481	1291	1051
1184	PLATE	2	50	1164	1482	1292	1052
1185	PLATE	2	80	1176	1262	1264	1178
1186	PLATE	2	80	1263	1177	1179	1265
1187	PLATE	2	80	1178	1264	1266	1180
1188	PLATE	2	80	1265	1179	1181	1267
1189	PLATE	2	80	1180	1266	1268	1182
1190	PLATE	2	80	1267	1181	1183	1269
1191	PLATE	2	80	1182	1268	1270	1184
1192	PLATE	2	80	1269	1183	1185	1271
1193	PLATE	2	80	1184	1270	1272	1186
1194	PLATE	2	80	1271	1185	1187	1273
1195	PLATE	2	80	1186	1272	1274	1188
1196	PLATE	2	80	1273	1187	1189	1275
1197	PLATE	2	80	1276	1190	1191	1278
1198	PLATE	2	80	1278	1191	1192	1279
1199	PLATE	2	80	1279	1192	1193	1280
1200	PLATE	2	80	1280	1193	1194	1281
1201	PLATE	2	80	1281	1194	1195	1282
1202	PLATE	2	80	1282	1195	1196	1283
1203	PLATE	2	50	1143	1445	1389	1097
1204	PLATE	2	50	1144	1446	1390	1098
1205	PLATE	2	50	1289	1053	1174	1451
1206	PLATE	2	50	1290	1054	1175	1459

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1213	PLATE	2	50	1117	1201	1493	1245
1220	PLATE	2	50	1141	1225	1495	1246
1221	PLATE	2	50	1062	1167	1449	1373
1222	PLATE	2	50	1069	1173	1457	1375
1223	PLATE	2	80	1199	1293	1297	1203
1224	PLATE	2	80	1294	1200	1204	1298
1225	PLATE	2	80	1201	1295	1299	1205
1226	PLATE	2	80	1296	1202	1206	1300
1227	PLATE	2	80	1203	1297	1301	1207
1228	PLATE	2	80	1298	1204	1208	1302
1229	PLATE	2	80	1205	1299	1303	1209
1230	PLATE	2	80	1300	1206	1210	1304
1231	PLATE	2	80	1207	1301	1305	1211
1232	PLATE	2	80	1302	1208	1212	1306
1233	PLATE	2	80	1209	1303	1307	1213
1234	PLATE	2	80	1304	1210	1214	1308
1235	PLATE	2	80	1211	1305	1309	1215
1236	PLATE	2	80	1306	1212	1216	1310
1237	PLATE	2	80	1213	1307	1311	1217
1238	PLATE	2	80	1308	1214	1218	1312
1239	PLATE	2	80	1215	1309	1313	1219
1240	PLATE	2	80	1310	1216	1220	1314
1241	PLATE	2	80	1217	1311	1315	1221
1242	PLATE	2	80	1312	1218	1222	1316
1243	PLATE	2	80	1219	1313	1317	1223
1244	PLATE	2	80	1314	1220	1224	1318
1245	PLATE	2	80	1221	1315	1319	1225
1246	PLATE	2	80	1316	1222	1226	1320
1247	PLATE	2	50	1177	1077	1371	1507
1248	PLATE	2	50	1189	1089	1372	1508
1249	PLATE	2	50	1190	1090	1384	1509
1250	PLATE	2	50	1076	1176	1483	1407
1251	PLATE	2	50	1196	1096	1386	1510
1252	PLATE	2	50	1088	1188	1490	1408
1253	PLATE	2	50	1113	1373	1505	1197
1254	PLATE	2	50	1114	1375	1506	1198
1255	PLATE	2	50	1118	1403	1503	1202
1256	PLATE	2	50	1142	1404	1504	1226
1257	PLATE	2	50	1116	1409	1492	1200
1258	PLATE	2	50	1140	1410	1494	1224
1259	PLATE	2	50	1199	1569	1383	1115
1260	PLATE	2	50	1223	1570	1385	1139
1261	PLATE	2	50	1505	1405	1152	1197
1262	PLATE	2	50	1506	1406	1153	1198
1263	PLATE	2	80	1321	1227	1228	1322
1264	PLATE	2	80	1322	1228	1229	1323
1265	PLATE	2	80	1323	1229	1230	1324
1266	PLATE	2	80	1324	1230	1231	1325
1267	PLATE	2	80	1325	1231	1232	1326
1268	PLATE	2	80	1326	1232	1233	1327
1269	PLATE	2	80	1234	1330	1331	1235
1270	PLATE	2	80	1235	1331	1332	1236
1271	PLATE	2	80	1236	1332	1333	1237
1272	PLATE	2	80	1237	1333	1334	1238
1273	PLATE	2	80	1238	1334	1335	1239
1274	PLATE	2	80	1239	1335	1336	1240
1275	PLATE	2	50	1154	1234	1511	1447
1276	PLATE	2	50	1160	1240	1512	1448
1277	PLATE	2	50	1441	1593	1227	1145
1278	PLATE	2	50	1442	1594	1233	1151
1279	PLATE	2	80	1255	1341	1342	1256

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1280	PLATE	2	80	1256	1342	1343	1257
1281	PLATE	2	80	1257	1343	1344	1258
1282	PLATE	2	80	1258	1344	1345	1259
1283	PLATE	2	80	1259	1345	1346	1260
1284	PLATE	2	80	1260	1346	1347	1261
1285	PLATE	2	50	1409	1161	1439	0
1286	PLATE	2	50	1410	1163	1440	0
1287	PLATE	2	50	1165	1407	1443	0
1288	PLATE	2	80	1262	1348	1350	1264
1289	PLATE	2	80	1349	1263	1265	1351
1290	PLATE	2	80	1264	1350	1352	1266
1291	PLATE	2	80	1351	1265	1267	1353
1292	PLATE	2	80	1266	1352	1354	1268
1293	PLATE	2	80	1353	1267	1269	1355
1294	PLATE	2	80	1268	1354	1356	1270
1295	PLATE	2	80	1355	1269	1271	1357
1296	PLATE	2	80	1270	1356	1358	1272
1297	PLATE	2	80	1357	1271	1273	1359
1298	PLATE	2	80	1272	1358	1360	1274
1299	PLATE	2	80	1359	1273	1275	1361
1300	PLATE	2	50	1166	1408	1444	0
1301	PLATE	2	80	1363	1276	1278	1364
1302	PLATE	2	80	1364	1278	1279	1365
1303	PLATE	2	80	1365	1279	1280	1366
1304	PLATE	2	80	1366	1280	1281	1367
1305	PLATE	2	80	1367	1281	1282	1368
1306	PLATE	2	80	1368	1282	1283	1370
1307	PLATE	2	50	1481	1162	1245	1591
1308	PLATE	2	50	1482	1164	1246	1592
1309	PLATE	2	50	1447	1451	1174	0
1310	PLATE	2	50	1448	1459	1175	0
1311	PLATE	2	50	1177	1507	1585	1263
1312	PLATE	2	50	1189	1508	1586	1275
1313	PLATE	2	50	1190	1509	1589	1276
1314	PLATE	2	50	1196	1510	1590	1283
1315	PLATE	2	80	1293	1411	1415	1297
1316	PLATE	2	80	1412	1294	1298	1416
1317	PLATE	2	80	1295	1413	1417	1299
1318	PLATE	2	80	1414	1296	1300	1418
1319	PLATE	2	80	1297	1415	1419	1301
1320	PLATE	2	80	1416	1298	1302	1420
1321	PLATE	2	80	1299	1417	1421	1303
1322	PLATE	2	80	1418	1300	1304	1422
1323	PLATE	2	80	1301	1419	1423	1305
1324	PLATE	2	80	1420	1302	1306	1424
1325	PLATE	2	80	1303	1421	1425	1307
1326	PLATE	2	80	1422	1304	1308	1426
1327	PLATE	2	80	1305	1423	1427	1309
1328	PLATE	2	80	1424	1306	1310	1428
1329	PLATE	2	80	1307	1425	1429	1311
1330	PLATE	2	80	1426	1308	1312	1430
1331	PLATE	2	80	1309	1427	1431	1313
1332	PLATE	2	80	1428	1310	1314	1432
1333	PLATE	2	80	1311	1429	1433	1315
1334	PLATE	2	80	1430	1312	1316	1434
1335	PLATE	2	80	1313	1431	1435	1317
1336	PLATE	2	80	1432	1314	1318	1436
1337	PLATE	2	80	1315	1433	1437	1319
1338	PLATE	2	80	1434	1316	1320	1438
1339	PLATE	2	50	1569	1199	1293	1587
1340	PLATE	2	50	1570	1223	1317	1588

1341	PLATE	2	80	1484	1321	1322	1485
1342	PLATE	2	80	1485	1322	1323	1486
1343	PLATE	2	80	1486	1323	1324	1487
1344	PLATE	2	80	1487	1324	1325	1488
1345	PLATE	2	80	1488	1325	1326	1489
1346	PLATE	2	80	1489	1326	1327	1491
1347	PLATE	2	80	1341	1450	1452	1342
1348	PLATE	2	80	1342	1452	1453	1343
1349	PLATE	2	80	1343	1453	1454	1344
1350	PLATE	2	80	1344	1454	1455	1345
1351	PLATE	2	80	1345	1455	1456	1346
1352	PLATE	2	80	1346	1456	1458	1347
1353	PLATE	2	50	1245	1493	1591	0
1354	PLATE	2	80	1348	1460	1462	1350
1355	PLATE	2	80	1461	1349	1351	1463
1356	PLATE	2	80	1350	1462	1464	1352
1357	PLATE	2	80	1463	1351	1353	1465
1358	PLATE	2	80	1352	1464	1466	1354
1359	PLATE	2	80	1465	1353	1355	1467
1360	PLATE	2	80	1354	1466	1468	1356
1361	PLATE	2	80	1467	1355	1357	1469
1362	PLATE	2	80	1356	1468	1470	1358
1363	PLATE	2	80	1469	1357	1359	1471
1364	PLATE	2	80	1358	1470	1472	1360
1365	PLATE	2	80	1471	1359	1361	1473
1366	PLATE	2	50	1246	1495	1592	0
1367	PLATE	2	50	1321	1227	1593	1651
1368	PLATE	2	50	1327	1233	1594	1652
1369	PLATE	2	80	1474	1363	1364	1475
1370	PLATE	2	80	1475	1364	1365	1476
1371	PLATE	2	80	1476	1365	1366	1477
1372	PLATE	2	80	1477	1366	1367	1478
1373	PLATE	2	80	1478	1367	1368	1479
1374	PLATE	2	80	1479	1368	1370	1480
1375	PLATE	2	80	1330	1496	1497	1331
1376	PLATE	2	80	1331	1497	1498	1332
1377	PLATE	2	80	1332	1498	1499	1333
1378	PLATE	2	80	1333	1499	1500	1334
1379	PLATE	2	80	1334	1500	1501	1335
1380	PLATE	2	80	1335	1501	1502	1336
1381	PLATE	2	50	1167	1255	1712	1449
1382	PLATE	2	50	1173	1261	2052	1457
1383	PLATE	2	50	1176	1262	1729	1483
1384	PLATE	2	50	1188	1274	2069	1490
1385	PLATE	2	50	1200	1492	1685	1294
1386	PLATE	2	50	1201	1295	1695	1493
1387	PLATE	2	50	1224	1494	2025	1318
1388	PLATE	2	50	1225	1319	2035	1495
1389	PLATE	2	50	1296	1202	1503	1702
1390	PLATE	2	50	1320	1226	1504	2042
1391	PLATE	2	80	1411	1541	1545	1415
1392	PLATE	2	80	1542	1412	1416	1546
1393	PLATE	2	80	1413	1543	1547	1417
1394	PLATE	2	80	1544	1414	1418	1548
1395	PLATE	2	80	1415	1545	1549	1419
1396	PLATE	2	80	1546	1416	1420	1550
1397	PLATE	2	80	1417	1547	1551	1421
1398	PLATE	2	80	1548	1418	1422	1552
1399	PLATE	2	80	1419	1549	1553	1423
1400	PLATE	2	80	1550	1420	1424	1554
1401	PLATE	2	80	1421	1551	1555	1425

1402	PLATE	2	80	1552	1422	1426	1556
1403	PLATE	2	80	1423	1553	1557	1427
1404	PLATE	2	80	1554	1424	1428	1558
1405	PLATE	2	80	1425	1555	1559	1429
1406	PLATE	2	80	1556	1426	1430	1560
1407	PLATE	2	80	1427	1557	1561	1431
1408	PLATE	2	80	1558	1428	1432	1562
1409	PLATE	2	80	1429	1559	1563	1433
1410	PLATE	2	80	1560	1430	1434	1564
1411	PLATE	2	80	1431	1561	1565	1435
1412	PLATE	2	80	1562	1432	1436	1566
1413	PLATE	2	80	1433	1563	1567	1437
1414	PLATE	2	80	1564	1434	1438	1568
1415	PLATE	2	80	1450	1513	1514	1452
1416	PLATE	2	80	1452	1514	1515	1453
1417	PLATE	2	80	1453	1515	1516	1454
1418	PLATE	2	80	1454	1516	1517	1455
1419	PLATE	2	80	1455	1517	1518	1456
1420	PLATE	2	80	1456	1518	1519	1458
1421	PLATE	2	80	1460	1520	1522	1462
1422	PLATE	2	80	1521	1461	1463	1523
1423	PLATE	2	80	1462	1522	1524	1464
1424	PLATE	2	80	1523	1463	1465	1525
1425	PLATE	2	80	1464	1524	1526	1466
1426	PLATE	2	80	1525	1465	1467	1527
1427	PLATE	2	80	1466	1526	1528	1468
1428	PLATE	2	80	1527	1467	1469	1529
1429	PLATE	2	80	1468	1528	1530	1470
1430	PLATE	2	80	1529	1469	1471	1531
1431	PLATE	2	80	1470	1530	1532	1472
1432	PLATE	2	80	1531	1471	1473	1533
1433	PLATE	2	80	1534	1474	1475	1535
1434	PLATE	2	80	1535	1475	1476	1536
1435	PLATE	2	80	1536	1476	1477	1537
1436	PLATE	2	80	1537	1477	1478	1538
1437	PLATE	2	80	1538	1478	1479	1539
1438	PLATE	2	80	1539	1479	1480	1540
1439	PLATE	2	50	2106	1511	1234	1330
1440	PLATE	2	50	2111	1512	1240	1336
1441	PLATE	2	50	1263	1585	1735	1349
1442	PLATE	2	50	1275	1586	2075	1361
1443	PLATE	2	50	1276	1589	1718	1363
1444	PLATE	2	50	1283	1590	2058	1370
1445	PLATE	2	80	1513	1571	1573	1514
1446	PLATE	2	80	1514	1573	1575	1515
1447	PLATE	2	80	1515	1575	1577	1516
1448	PLATE	2	80	1516	1577	1579	1517
1449	PLATE	2	80	1517	1579	1581	1518
1450	PLATE	2	80	1518	1581	1583	1519
1451	PLATE	2	80	1520	1572	1574	1522
1452	PLATE	2	80	1572	1521	1523	1574
1453	PLATE	2	80	1595	1484	1485	1596
1454	PLATE	2	80	1522	1574	1576	1524
1455	PLATE	2	80	1574	1523	1525	1576
1456	PLATE	2	80	1596	1485	1486	1597
1457	PLATE	2	80	1524	1576	1578	1526
1458	PLATE	2	80	1576	1525	1527	1578
1459	PLATE	2	80	1597	1486	1487	1598
1460	PLATE	2	80	1526	1578	1580	1528
1461	PLATE	2	80	1578	1527	1529	1580
1462	PLATE	2	80	1598	1487	1488	1599

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1463	PLATE	2	80	1528	1580	1582	1530
1464	PLATE	2	80	1580	1529	1531	1582
1465	PLATE	2	80	1599	1488	1489	1600
1466	PLATE	2	80	1530	1582	1584	1532
1467	PLATE	2	80	1582	1531	1533	1584
1468	PLATE	2	80	1600	1489	1491	1601
1469	PLATE	2	80	1571	1534	1535	1573
1470	PLATE	2	80	1573	1535	1536	1575
1471	PLATE	2	80	1575	1536	1537	1577
1472	PLATE	2	80	1577	1537	1538	1579
1473	PLATE	2	80	1579	1538	1539	1581
1474	PLATE	2	80	1581	1539	1540	1583
1475	PLATE	2	80	1496	1630	1631	1497
1476	PLATE	2	80	1497	1631	1632	1498
1477	PLATE	2	80	1498	1632	1633	1499
1478	PLATE	2	80	1499	1633	1634	1500
1479	PLATE	2	80	1500	1634	1635	1501
1480	PLATE	2	80	1501	1635	1636	1502
1481	PLATE	2	50	1293	1411	1679	1587
1482	PLATE	2	80	1541	1602	1606	1545
1483	PLATE	2	80	1603	1542	1546	1607
1484	PLATE	2	80	1543	1604	1608	1547
1485	PLATE	2	80	1605	1544	1548	1609
1486	PLATE	2	80	1545	1606	1610	1549
1487	PLATE	2	80	1607	1546	1550	1611
1488	PLATE	2	80	1547	1608	1612	1551
1489	PLATE	2	80	1609	1548	1552	1613
1490	PLATE	2	80	1549	1610	1614	1553
1491	PLATE	2	80	1611	1550	1554	1615
1492	PLATE	2	80	1551	1612	1616	1555
1493	PLATE	2	80	1613	1552	1556	1617
1494	PLATE	2	80	1553	1614	1618	1557
1495	PLATE	2	80	1615	1554	1558	1619
1496	PLATE	2	80	1555	1616	1620	1559
1497	PLATE	2	80	1617	1556	1560	1621
1498	PLATE	2	80	1557	1618	1622	1561
1499	PLATE	2	80	1619	1558	1562	1623
1500	PLATE	2	80	1559	1620	1624	1563
1501	PLATE	2	80	1621	1560	1564	1625
1502	PLATE	2	80	1561	1622	1626	1565
1503	PLATE	2	80	1623	1562	1566	1627
1504	PLATE	2	80	1563	1624	1628	1567
1505	PLATE	2	80	1625	1564	1568	1629
1506	PLATE	2	50	1317	1435	2019	1588
1507	PLATE	2	50	1721	1243	1247	1722
1508	PLATE	2	50	1738	1241	1250	1739
1509	PLATE	2	50	2061	1244	1248	2062
1510	PLATE	2	50	2078	1242	1252	2079
1511	PLATE	2	80	1602	1637	1639	1606
1512	PLATE	2	80	1637	1603	1607	1639
1513	PLATE	2	80	1604	1638	1640	1608
1514	PLATE	2	80	1638	1605	1609	1640
1515	PLATE	2	80	1606	1639	1641	1610
1516	PLATE	2	80	1639	1607	1611	1641
1517	PLATE	2	80	1608	1640	1642	1612
1518	PLATE	2	80	1640	1609	1613	1642
1519	PLATE	2	80	1610	1641	1643	1614
1520	PLATE	2	80	1641	1611	1615	1643
1521	PLATE	2	80	1612	1642	1644	1616
1522	PLATE	2	80	1642	1613	1617	1644
1523	PLATE	2	80	1614	1643	1645	1618

1524	PLATE	2	80	1643	1615	1619	1645
1525	PLATE	2	80	1616	1644	1646	1620
1526	PLATE	2	80	1644	1617	1621	1646
1527	PLATE	2	80	1618	1645	1647	1622
1528	PLATE	2	80	1645	1619	1623	1647
1529	PLATE	2	80	1620	1646	1648	1624
1530	PLATE	2	80	1646	1621	1625	1648
1531	PLATE	2	80	1622	1647	1649	1626
1532	PLATE	2	80	1647	1623	1627	1649
1533	PLATE	2	80	1624	1648	1650	1628
1534	PLATE	2	80	1648	1625	1629	1650
1535	PLATE	2	50	2142	1484	1321	1651
1536	PLATE	2	50	2147	1491	1327	1652
1537	PLATE	2	50	1328	1705	1704	1249
1538	PLATE	2	50	1738	1737	1371	1241
1539	PLATE	2	50	1329	2045	2044	1251
1540	PLATE	2	50	2078	2077	1372	1242
1541	PLATE	2	80	1653	1595	1596	1654
1542	PLATE	2	80	1654	1596	1597	1655
1543	PLATE	2	80	1655	1597	1598	1656
1544	PLATE	2	80	1656	1598	1599	1657
1545	PLATE	2	80	1657	1599	1600	1658
1546	PLATE	2	80	1658	1600	1601	1659
1547	PLATE	2	50	1723	1722	1247	1337
1548	PLATE	2	50	2063	2062	1248	1338
1549	PLATE	2	50	1721	1720	1384	1243
1550	PLATE	2	50	1740	1739	1250	1339
1551	PLATE	2	50	2061	2060	1386	1244
1552	PLATE	2	50	2080	2079	1252	1340
1553	PLATE	2	80	1630	1660	1661	1631
1554	PLATE	2	80	1631	1661	1662	1632
1555	PLATE	2	80	1632	1662	1663	1633
1556	PLATE	2	80	1633	1663	1664	1634
1557	PLATE	2	80	1634	1664	1665	1635
1558	PLATE	2	80	1635	1665	1666	1636
1559	PLATE	2	50	1712	1255	1341	1713
1560	PLATE	2	50	2052	1261	1347	2053
1561	PLATE	2	50	1675	1377	1253	1676
1562	PLATE	2	50	2015	1378	1254	2016
1563	PLATE	2	50	1676	1253	1383	1677
1564	PLATE	2	50	1729	1262	1348	1730
1565	PLATE	2	50	2016	1254	1385	2017
1566	PLATE	2	50	2069	1274	1360	2070
1567	PLATE	2	50	1704	1703	1403	1249
1568	PLATE	2	50	2044	2043	1404	1251
1569	PLATE	2	50	1725	1374	1285	1726
1570	PLATE	2	50	2065	1376	1286	2066
1571	PLATE	2	50	1689	1688	1287	1379
1572	PLATE	2	50	2029	2028	1288	1380
1573	PLATE	2	50	1691	1387	1291	1692
1574	PLATE	2	50	2082	1381	1289	2088
1575	PLATE	2	50	2031	1388	1292	2032
1576	PLATE	2	50	2087	1382	1290	2093
1577	PLATE	2	50	1287	1688	1687	1439
1578	PLATE	2	50	1726	1285	1443	1727
1579	PLATE	2	50	1288	2028	2027	1440
1580	PLATE	2	50	2066	1286	1444	2067
1581	PLATE	2	50	1412	1294	1685	1684
1582	PLATE	2	50	1695	1295	1413	1696
1583	PLATE	2	50	1702	1701	1414	1296
1584	PLATE	2	50	1436	1318	2025	2024

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1585	PLATE	2	50	2035	1319	1437	2036
1586	PLATE	2	50	2042	2041	1438	1320
1587	PLATE	2	80	1667	1653	1654	1668
1588	PLATE	2	80	1668	1654	1655	1669
1589	PLATE	2	80	1669	1655	1656	1670
1590	PLATE	2	80	1670	1656	1657	1671
1591	PLATE	2	80	1671	1657	1658	1672
1592	PLATE	2	80	1672	1658	1659	1673
1593	PLATE	2	50	2160	1277	1389	2166
1594	PLATE	2	80	1660	1667	1668	1661
1595	PLATE	2	80	1661	1668	1669	1662
1596	PLATE	2	80	1662	1669	1670	1663
1597	PLATE	2	80	1663	1670	1671	1664
1598	PLATE	2	80	1664	1671	1672	1665
1599	PLATE	2	80	1665	1672	1673	1666
1600	PLATE	2	50	2165	1284	1390	2171
1601	PLATE	2	50	1706	1705	1328	1391
1602	PLATE	2	50	2046	2045	1329	1392
1603	PLATE	2	50	1289	1451	2094	2088
1604	PLATE	2	50	1290	1459	2099	2093
1605	PLATE	2	50	1291	1481	1693	1692
1606	PLATE	2	50	1292	1482	2033	2032
1607	PLATE	2	50	1396	1724	1723	1337
1608	PLATE	2	50	1397	1741	1740	1339
1609	PLATE	2	50	1401	2064	2063	1338
1610	PLATE	2	50	1402	2081	2080	1340
1611	PLATE	2	50	1441	1277	2160	2154
1612	PLATE	2	50	1442	1284	2165	2159
1613	PLATE	2	50	1708	1707	1395	1362
1614	PLATE	2	50	1571	1715	1513	0
1615	PLATE	2	50	2048	2047	1400	1369
1616	PLATE	2	50	1583	2055	1519	0
1617	PLATE	2	50	1675	1674	1393	1377
1618	PLATE	2	50	1725	1724	1396	1374
1619	PLATE	2	50	1572	1732	1520	0
1620	PLATE	2	50	2015	2014	1398	1378
1621	PLATE	2	50	2065	2064	1401	1376
1622	PLATE	2	50	1584	2072	1532	0
1623	PLATE	2	50	1394	1690	1689	1379
1624	PLATE	2	50	1399	2030	2029	1380
1625	PLATE	2	50	1394	1387	1691	1690
1626	PLATE	2	50	1708	1362	1405	1709
1627	PLATE	2	50	2082	1741	1397	1381
1628	PLATE	2	50	1399	1388	2031	2030
1629	PLATE	2	50	2048	1369	1406	2049
1630	PLATE	2	50	2087	2081	1402	1382
1631	PLATE	2	50	1395	1707	1706	1391
1632	PLATE	2	50	1400	2047	2046	1392
1633	PLATE	2	50	1341	1450	1714	1713
1634	PLATE	2	50	1347	1458	2054	2053
1635	PLATE	2	50	1731	1730	1348	1460
1636	PLATE	2	50	1461	1349	1735	1734
1637	PLATE	2	50	2071	2070	1360	1472
1638	PLATE	2	50	1473	1361	2075	2074
1639	PLATE	2	50	1712	1711	1373	1449
1640	PLATE	2	50	1474	1363	1718	1717
1641	PLATE	2	50	2052	2051	1375	1457
1642	PLATE	2	50	1480	1370	2058	2057
1643	PLATE	2	50	1542	1683	1603	0
1644	PLATE	2	50	1566	2023	1627	0
1645	PLATE	2	50	1439	1687	1686	1409

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1646	PLATE	2	50	1440	2027	2026	1410
1647	PLATE	2	50	1373	1711	1710	1505
1648	PLATE	2	50	1407	1728	1727	1443
1649	PLATE	2	50	1375	2051	2050	1506
1650	PLATE	2	50	1408	2068	2067	1444
1651	PLATE	2	50	2106	1330	1496	2112
1652	PLATE	2	50	2111	1336	1502	2117
1653	PLATE	2	50	1736	1507	1371	1737
1654	PLATE	2	50	2076	1508	1372	2077
1655	PLATE	2	50	1719	1509	1384	1720
1656	PLATE	2	50	2059	1510	1386	2060
1657	PLATE	2	50	1729	1728	1407	1483
1658	PLATE	2	50	2069	2068	1408	1490
1659	PLATE	2	50	1702	1503	1403	1703
1660	PLATE	2	50	2042	1504	1404	2043
1661	PLATE	2	50	1409	1686	1685	1492
1662	PLATE	2	50	1410	2026	2025	1494
1663	PLATE	2	50	1678	1677	1383	1569
1664	PLATE	2	50	1709	1405	1505	1710
1665	PLATE	2	50	2018	2017	1385	1570
1666	PLATE	2	50	2049	1406	1506	2050
1667	PLATE	2	50	2100	2094	1451	1447
1668	PLATE	2	50	2105	2099	1459	1448
1669	PLATE	2	50	1679	1411	1541	1680
1670	PLATE	2	50	1683	1542	1412	1684
1671	PLATE	2	50	1413	1543	1697	1696
1672	PLATE	2	50	1638	1698	1604	0
1673	PLATE	2	50	1544	1414	1701	1700
1674	PLATE	2	50	2019	1435	1565	2020
1675	PLATE	2	50	2023	1566	1436	2024
1676	PLATE	2	50	1437	1567	2037	2036
1677	PLATE	2	50	1650	2038	1628	0
1678	PLATE	2	50	1568	1438	2041	2040
1679	PLATE	2	50	2172	2166	1389	1445
1680	PLATE	2	50	2177	2171	1390	1446
1681	PLATE	2	50	1715	1714	1450	1513
1682	PLATE	2	50	2055	2054	1458	1519
1683	PLATE	2	50	1732	1731	1460	1520
1684	PLATE	2	50	1733	1521	1461	1734
1685	PLATE	2	50	2072	2071	1472	1532
1686	PLATE	2	50	2073	1533	1473	2074
1687	PLATE	2	50	1716	1534	1474	1717
1688	PLATE	2	50	2056	1540	1480	2057
1689	PLATE	2	50	1511	2106	2100	1447
1690	PLATE	2	50	1512	2111	2105	1448
1691	PLATE	2	50	1694	1693	1481	1591
1692	PLATE	2	50	2034	2033	1482	1592
1693	PLATE	2	50	1493	1695	1694	1591
1694	PLATE	2	50	1630	1660	2118	0
1695	PLATE	2	50	1495	2035	2034	1592
1696	PLATE	2	50	1636	1666	2123	0
1697	PLATE	2	50	1715	1571	1534	1716
1698	PLATE	2	50	1732	1572	1521	1733
1699	PLATE	2	50	2055	1583	1540	2056
1700	PLATE	2	50	2072	1584	1533	2073
1701	PLATE	2	50	1736	1735	1585	1507
1702	PLATE	2	50	2076	2075	1586	1508
1703	PLATE	2	50	1719	1718	1589	1509
1704	PLATE	2	50	2059	2058	1590	1510
1705	PLATE	2	50	1679	1678	1569	1587
1706	PLATE	2	50	2019	2018	1570	1588

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1707	PLATE	2	50	1441	2154	2148	1593
1708	PLATE	2	50	1442	2159	2153	1594
1709	PLATE	2	50	1681	1680	1541	1602
1710	PLATE	2	50	1698	1697	1543	1604
1711	PLATE	2	50	1699	1605	1544	1700
1712	PLATE	2	50	2021	2020	1565	1626
1713	PLATE	2	50	2038	2037	1567	1628
1714	PLATE	2	50	2039	1629	1568	2040
1715	PLATE	2	50	2118	2112	1496	1630
1716	PLATE	2	50	2123	2117	1502	1636
1717	PLATE	2	50	1595	1484	2142	2136
1718	PLATE	2	50	1601	1491	2147	2141
1719	PLATE	2	50	1682	1681	1602	1637
1720	PLATE	2	50	1683	1682	1637	1603
1721	PLATE	2	50	1698	1638	1605	1699
1722	PLATE	2	50	2022	2021	1626	1649
1723	PLATE	2	50	2023	2022	1649	1627
1724	PLATE	2	50	2038	1650	1629	2039
1725	PLATE	2	50	1593	2148	2142	1651
1726	PLATE	2	50	1594	2153	2147	1652
1727	PLATE	2	50	1595	2136	2130	1653
1728	PLATE	2	50	1601	2141	2135	1659
1729	PLATE	2	50	1660	1667	2124	2118
1730	PLATE	2	50	1666	1673	2129	2123
1731	PLATE	2	50	2124	1667	1653	2130
1732	PLATE	2	50	2129	1673	1659	2135
1801	PLATE	3	25	1674	1675	1743	1742
1803	PLATE	3	25	1675	1676	1744	1743
1805	PLATE	3	25	1676	1677	1745	1744
1807	PLATE	3	25	1677	1678	1746	1745
1809	PLATE	3	25	1678	1679	1747	1746
1811	PLATE	3	25	1679	1680	1748	1747
1813	PLATE	3	25	1680	1681	1749	1748
1815	PLATE	3	25	1681	1682	1750	1749
1817	PLATE	3	25	1682	1683	1751	1750
1819	PLATE	3	25	1683	1684	1752	1751
1821	PLATE	3	25	1684	1685	1753	1752
1823	PLATE	3	25	1685	1686	1754	1753
1825	PLATE	3	25	1686	1687	1755	1754
1827	PLATE	3	25	1687	1688	1756	1755
1829	PLATE	3	25	1688	1689	1757	1756
1831	PLATE	3	25	1689	1690	1758	1757
1833	PLATE	3	25	1690	1691	1759	1758
1835	PLATE	3	25	1691	1692	1760	1759
1837	PLATE	3	25	1692	1693	1761	1760
1839	PLATE	3	25	1693	1694	1762	1761
1841	PLATE	3	25	1694	1695	1763	1762
1843	PLATE	3	25	1695	1696	1764	1763
1845	PLATE	3	25	1696	1697	1765	1764
1847	PLATE	3	25	1697	1698	1766	1765
1849	PLATE	3	25	1698	1699	1767	1766
1851	PLATE	3	25	1699	1700	1768	1767
1853	PLATE	3	25	1700	1701	1769	1768
1855	PLATE	3	25	1701	1702	1770	1769
1857	PLATE	3	25	1702	1703	1771	1770
1859	PLATE	3	25	1703	1704	1772	1771
1861	PLATE	3	25	1704	1705	1773	1772
1863	PLATE	3	25	1705	1706	1774	1773
1865	PLATE	3	25	1706	1707	1775	1774
1867	PLATE	3	25	1707	1708	1776	1775
1869	PLATE	3	25	1708	1709	1777	1776

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1871	PLATE	3	25	1709	1710	1778	1777
1873	PLATE	3	25	1710	1711	1779	1778
1875	PLATE	3	25	1711	1712	1780	1779
1877	PLATE	3	25	1712	1713	1781	1780
1879	PLATE	3	25	1713	1714	1782	1781
1881	PLATE	3	25	1714	1715	1783	1782
1883	PLATE	3	25	1715	1716	1784	1783
1885	PLATE	3	25	1716	1717	1785	1784
1887	PLATE	3	25	1717	1718	1786	1785
1889	PLATE	3	25	1718	1719	1787	1786
1891	PLATE	3	25	1719	1720	1788	1787
1893	PLATE	3	25	1720	1721	1789	1788
1895	PLATE	3	25	1721	1722	1790	1789
1897	PLATE	3	25	1722	1723	1791	1790
1899	PLATE	3	25	1723	1724	1792	1791
1901	PLATE	3	25	1724	1725	1793	1792
1903	PLATE	3	25	1725	1726	1794	1793
1905	PLATE	3	25	1726	1727	1795	1794
1907	PLATE	3	25	1727	1728	1796	1795
1909	PLATE	3	25	1728	1729	1797	1796
1911	PLATE	3	25	1729	1730	1798	1797
1913	PLATE	3	25	1730	1731	1799	1798
1915	PLATE	3	25	1731	1732	1800	1799
1917	PLATE	3	25	1732	1733	1801	1800
1919	PLATE	3	25	1733	1734	1802	1801
1921	PLATE	3	25	1734	1735	1803	1802
1923	PLATE	3	25	1735	1736	1804	1803
1925	PLATE	3	25	1736	1737	1805	1804
1927	PLATE	3	25	1737	1738	1806	1805
1929	PLATE	3	25	1738	1739	1807	1806
1931	PLATE	3	25	1739	1740	1808	1807
1933	PLATE	3	25	1740	1741	1809	1808
1936	PLATE	3	25	1742	1743	1811	1810
1938	PLATE	3	25	1743	1744	1812	1811
1940	PLATE	3	25	1744	1745	1813	1812
1942	PLATE	3	25	1745	1746	1814	1813
1944	PLATE	3	25	1746	1747	1815	1814
1946	PLATE	3	25	1747	1748	1816	1815
1948	PLATE	3	25	1748	1749	1817	1816
1950	PLATE	3	25	1749	1750	1818	1817
1952	PLATE	3	25	1750	1751	1819	1818
1954	PLATE	3	25	1751	1752	1820	1819
1956	PLATE	3	25	1752	1753	1821	1820
1958	PLATE	3	25	1753	1754	1822	1821
1960	PLATE	3	25	1754	1755	1823	1822
1962	PLATE	3	25	1755	1756	1824	1823
1964	PLATE	3	25	1756	1757	1825	1824
1966	PLATE	3	25	1757	1758	1826	1825
1968	PLATE	3	25	1758	1759	1827	1826
1970	PLATE	3	25	1759	1760	1828	1827
1972	PLATE	3	25	1760	1761	1829	1828
1974	PLATE	3	25	1761	1762	1830	1829
1976	PLATE	3	25	1762	1763	1831	1830
1978	PLATE	3	25	1763	1764	1832	1831
1980	PLATE	3	25	1764	1765	1833	1832
1982	PLATE	3	25	1765	1766	1834	1833
1984	PLATE	3	25	1766	1767	1835	1834
1986	PLATE	3	25	1767	1768	1836	1835
1988	PLATE	3	25	1768	1769	1837	1836
1990	PLATE	3	25	1769	1770	1838	1837
1992	PLATE	3	25	1770	1771	1839	1838

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

1994	PLATE	3	25	1771	1772	1840	1839
1996	PLATE	3	25	1772	1773	1841	1840
1998	PLATE	3	25	1773	1774	1842	1841
2000	PLATE	3	25	1774	1775	1843	1842
2002	PLATE	3	25	1775	1776	1844	1843
2004	PLATE	3	25	1776	1777	1845	1844
2006	PLATE	3	25	1777	1778	1846	1845
2008	PLATE	3	25	1778	1779	1847	1846
2010	PLATE	3	25	1779	1780	1848	1847
2012	PLATE	3	25	1780	1781	1849	1848
2014	PLATE	3	25	1781	1782	1850	1849
2016	PLATE	3	25	1782	1783	1851	1850
2018	PLATE	3	25	1783	1784	1852	1851
2020	PLATE	3	25	1784	1785	1853	1852
2022	PLATE	3	25	1785	1786	1854	1853
2024	PLATE	3	25	1786	1787	1855	1854
2026	PLATE	3	25	1787	1788	1856	1855
2028	PLATE	3	25	1788	1789	1857	1856
2030	PLATE	3	25	1789	1790	1858	1857
2032	PLATE	3	25	1790	1791	1859	1858
2034	PLATE	3	25	1791	1792	1860	1859
2036	PLATE	3	25	1792	1793	1861	1860
2038	PLATE	3	25	1793	1794	1862	1861
2040	PLATE	3	25	1794	1795	1863	1862
2042	PLATE	3	25	1795	1796	1864	1863
2044	PLATE	3	25	1796	1797	1865	1864
2046	PLATE	3	25	1797	1798	1866	1865
2048	PLATE	3	25	1798	1799	1867	1866
2050	PLATE	3	25	1799	1800	1868	1867
2052	PLATE	3	25	1800	1801	1869	1868
2054	PLATE	3	25	1801	1802	1870	1869
2056	PLATE	3	25	1802	1803	1871	1870
2058	PLATE	3	25	1803	1804	1872	1871
2060	PLATE	3	25	1804	1805	1873	1872
2062	PLATE	3	25	1805	1806	1874	1873
2064	PLATE	3	25	1806	1807	1875	1874
2066	PLATE	3	25	1807	1808	1876	1875
2068	PLATE	3	25	1808	1809	1877	1876
2071	PLATE	3	25	1810	1811	1879	1878
2073	PLATE	3	25	1811	1812	1880	1879
2075	PLATE	3	25	1812	1813	1881	1880
2077	PLATE	3	25	1813	1814	1882	1881
2079	PLATE	3	25	1814	1815	1883	1882
2081	PLATE	3	25	1815	1816	1884	1883
2083	PLATE	3	25	1816	1817	1885	1884
2085	PLATE	3	25	1817	1818	1886	1885
2087	PLATE	3	25	1818	1819	1887	1886
2089	PLATE	3	25	1819	1820	1888	1887
2091	PLATE	3	25	1820	1821	1889	1888
2093	PLATE	3	25	1821	1822	1890	1889
2095	PLATE	3	25	1822	1823	1891	1890
2097	PLATE	3	25	1823	1824	1892	1891
2099	PLATE	3	25	1824	1825	1893	1892
2101	PLATE	3	25	1825	1826	1894	1893
2103	PLATE	3	25	1826	1827	1895	1894
2105	PLATE	3	25	1827	1828	1896	1895
2107	PLATE	3	25	1828	1829	1897	1896
2109	PLATE	3	25	1829	1830	1898	1897
2111	PLATE	3	25	1830	1831	1899	1898
2113	PLATE	3	25	1831	1832	1900	1899
2115	PLATE	3	25	1832	1833	1901	1900

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2117	PLATE	3	25	1833	1834	1902	1901
2119	PLATE	3	25	1834	1835	1903	1902
2121	PLATE	3	25	1835	1836	1904	1903
2123	PLATE	3	25	1836	1837	1905	1904
2125	PLATE	3	25	1837	1838	1906	1905
2127	PLATE	3	25	1838	1839	1907	1906
2129	PLATE	3	25	1839	1840	1908	1907
2131	PLATE	3	25	1840	1841	1909	1908
2133	PLATE	3	25	1841	1842	1910	1909
2135	PLATE	3	25	1842	1843	1911	1910
2137	PLATE	3	25	1843	1844	1912	1911
2139	PLATE	3	25	1844	1845	1913	1912
2141	PLATE	3	25	1845	1846	1914	1913
2143	PLATE	3	25	1846	1847	1915	1914
2145	PLATE	3	25	1847	1848	1916	1915
2147	PLATE	3	25	1848	1849	1917	1916
2149	PLATE	3	25	1849	1850	1918	1917
2151	PLATE	3	25	1850	1851	1919	1918
2153	PLATE	3	25	1851	1852	1920	1919
2155	PLATE	3	25	1852	1853	1921	1920
2157	PLATE	3	25	1853	1854	1922	1921
2159	PLATE	3	25	1854	1855	1923	1922
2161	PLATE	3	25	1855	1856	1924	1923
2163	PLATE	3	25	1856	1857	1925	1924
2165	PLATE	3	25	1857	1858	1926	1925
2167	PLATE	3	25	1858	1859	1927	1926
2169	PLATE	3	25	1859	1860	1928	1927
2171	PLATE	3	25	1860	1861	1929	1928
2173	PLATE	3	25	1861	1862	1930	1929
2175	PLATE	3	25	1862	1863	1931	1930
2177	PLATE	3	25	1863	1864	1932	1931
2179	PLATE	3	25	1864	1865	1933	1932
2181	PLATE	3	25	1865	1866	1934	1933
2183	PLATE	3	25	1866	1867	1935	1934
2185	PLATE	3	25	1867	1868	1936	1935
2187	PLATE	3	25	1868	1869	1937	1936
2189	PLATE	3	25	1869	1870	1938	1937
2191	PLATE	3	25	1870	1871	1939	1938
2193	PLATE	3	25	1871	1872	1940	1939
2195	PLATE	3	25	1872	1873	1941	1940
2197	PLATE	3	25	1873	1874	1942	1941
2199	PLATE	3	25	1874	1875	1943	1942
2201	PLATE	3	25	1875	1876	1944	1943
2203	PLATE	3	25	1876	1877	1945	1944
2206	PLATE	3	25	1878	1879	1947	1946
2208	PLATE	3	25	1879	1880	1948	1947
2210	PLATE	3	25	1880	1881	1949	1948
2212	PLATE	3	25	1881	1882	1950	1949
2214	PLATE	3	25	1882	1883	1951	1950
2216	PLATE	3	25	1883	1884	1952	1951
2218	PLATE	3	25	1884	1885	1953	1952
2220	PLATE	3	25	1885	1886	1954	1953
2222	PLATE	3	25	1886	1887	1955	1954
2224	PLATE	3	25	1887	1888	1956	1955
2226	PLATE	3	25	1888	1889	1957	1956
2228	PLATE	3	25	1889	1890	1958	1957
2230	PLATE	3	25	1890	1891	1959	1958
2232	PLATE	3	25	1891	1892	1960	1959
2234	PLATE	3	25	1892	1893	1961	1960
2236	PLATE	3	25	1893	1894	1962	1961
2238	PLATE	3	25	1894	1895	1963	1962

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2240	PLATE	3	25	1895	1896	1964	1963
2242	PLATE	3	25	1896	1897	1965	1964
2244	PLATE	3	25	1897	1898	1966	1965
2246	PLATE	3	25	1898	1899	1967	1966
2248	PLATE	3	25	1899	1900	1968	1967
2250	PLATE	3	25	1900	1901	1969	1968
2252	PLATE	3	25	1901	1902	1970	1969
2254	PLATE	3	25	1902	1903	1971	1970
2256	PLATE	3	25	1903	1904	1972	1971
2258	PLATE	3	25	1904	1905	1973	1972
2260	PLATE	3	25	1905	1906	1974	1973
2262	PLATE	3	25	1906	1907	1975	1974
2264	PLATE	3	25	1907	1908	1976	1975
2266	PLATE	3	25	1908	1909	1977	1976
2268	PLATE	3	25	1909	1910	1978	1977
2270	PLATE	3	25	1910	1911	1979	1978
2272	PLATE	3	25	1911	1912	1980	1979
2274	PLATE	3	25	1912	1913	1981	1980
2276	PLATE	3	25	1913	1914	1982	1981
2278	PLATE	3	25	1914	1915	1983	1982
2280	PLATE	3	25	1915	1916	1984	1983
2282	PLATE	3	25	1916	1917	1985	1984
2284	PLATE	3	25	1917	1918	1986	1985
2286	PLATE	3	25	1918	1919	1987	1986
2288	PLATE	3	25	1919	1920	1988	1987
2290	PLATE	3	25	1920	1921	1989	1988
2292	PLATE	3	25	1921	1922	1990	1989
2294	PLATE	3	25	1922	1923	1991	1990
2296	PLATE	3	25	1923	1924	1992	1991
2298	PLATE	3	25	1924	1925	1993	1992
2300	PLATE	3	25	1925	1926	1994	1993
2302	PLATE	3	25	1926	1927	1995	1994
2304	PLATE	3	25	1927	1928	1996	1995
2306	PLATE	3	25	1928	1929	1997	1996
2308	PLATE	3	25	1929	1930	1998	1997
2310	PLATE	3	25	1930	1931	1999	1998
2312	PLATE	3	25	1931	1932	2000	1999
2314	PLATE	3	25	1932	1933	2001	2000
2316	PLATE	3	25	1933	1934	2002	2001
2318	PLATE	3	25	1934	1935	2003	2002
2320	PLATE	3	25	1935	1936	2004	2003
2322	PLATE	3	25	1936	1937	2005	2004
2324	PLATE	3	25	1937	1938	2006	2005
2326	PLATE	3	25	1938	1939	2007	2006
2328	PLATE	3	25	1939	1940	2008	2007
2330	PLATE	3	25	1940	1941	2009	2008
2332	PLATE	3	25	1941	1942	2010	2009
2334	PLATE	3	25	1942	1943	2011	2010
2336	PLATE	3	25	1943	1944	2012	2011
2338	PLATE	3	25	1944	1945	2013	2012
2341	PLATE	3	25	1946	1947	2015	2014
2343	PLATE	3	25	1947	1948	2016	2015
2345	PLATE	3	25	1948	1949	2017	2016
2347	PLATE	3	25	1949	1950	2018	2017
2349	PLATE	3	25	1950	1951	2019	2018
2351	PLATE	3	25	1951	1952	2020	2019
2353	PLATE	3	25	1952	1953	2021	2020
2355	PLATE	3	25	1953	1954	2022	2021
2357	PLATE	3	25	1954	1955	2023	2022
2359	PLATE	3	25	1955	1956	2024	2023
2361	PLATE	3	25	1956	1957	2025	2024

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2363	PLATE	3	25	1957	1958	2026	2025
2365	PLATE	3	25	1958	1959	2027	2026
2367	PLATE	3	25	1959	1960	2028	2027
2369	PLATE	3	25	1960	1961	2029	2028
2371	PLATE	3	25	1961	1962	2030	2029
2373	PLATE	3	25	1962	1963	2031	2030
2375	PLATE	3	25	1963	1964	2032	2031
2377	PLATE	3	25	1964	1965	2033	2032
2379	PLATE	3	25	1965	1966	2034	2033
2381	PLATE	3	25	1966	1967	2035	2034
2383	PLATE	3	25	1967	1968	2036	2035
2385	PLATE	3	25	1968	1969	2037	2036
2387	PLATE	3	25	1969	1970	2038	2037
2389	PLATE	3	25	1970	1971	2039	2038
2391	PLATE	3	25	1971	1972	2040	2039
2393	PLATE	3	25	1972	1973	2041	2040
2395	PLATE	3	25	1973	1974	2042	2041
2397	PLATE	3	25	1974	1975	2043	2042
2399	PLATE	3	25	1975	1976	2044	2043
2401	PLATE	3	25	1976	1977	2045	2044
2403	PLATE	3	25	1977	1978	2046	2045
2405	PLATE	3	25	1978	1979	2047	2046
2407	PLATE	3	25	1979	1980	2048	2047
2409	PLATE	3	25	1980	1981	2049	2048
2411	PLATE	3	25	1981	1982	2050	2049
2413	PLATE	3	25	1982	1983	2051	2050
2415	PLATE	3	25	1983	1984	2052	2051
2417	PLATE	3	25	1984	1985	2053	2052
2419	PLATE	3	25	1985	1986	2054	2053
2421	PLATE	3	25	1986	1987	2055	2054
2423	PLATE	3	25	1987	1988	2056	2055
2425	PLATE	3	25	1988	1989	2057	2056
2427	PLATE	3	25	1989	1990	2058	2057
2429	PLATE	3	25	1990	1991	2059	2058
2431	PLATE	3	25	1991	1992	2060	2059
2433	PLATE	3	25	1992	1993	2061	2060
2435	PLATE	3	25	1993	1994	2062	2061
2437	PLATE	3	25	1994	1995	2063	2062
2439	PLATE	3	25	1995	1996	2064	2063
2441	PLATE	3	25	1996	1997	2065	2064
2443	PLATE	3	25	1997	1998	2066	2065
2445	PLATE	3	25	1998	1999	2067	2066
2447	PLATE	3	25	1999	2000	2068	2067
2449	PLATE	3	25	2000	2001	2069	2068
2451	PLATE	3	25	2001	2002	2070	2069
2453	PLATE	3	25	2002	2003	2071	2070
2455	PLATE	3	25	2003	2004	2072	2071
2457	PLATE	3	25	2004	2005	2073	2072
2459	PLATE	3	25	2005	2006	2074	2073
2461	PLATE	3	25	2006	2007	2075	2074
2463	PLATE	3	25	2007	2008	2076	2075
2465	PLATE	3	25	2008	2009	2077	2076
2467	PLATE	3	25	2009	2010	2078	2077
2469	PLATE	3	25	2010	2011	2079	2078
2471	PLATE	3	25	2011	2012	2080	2079
2473	PLATE	3	25	2012	2013	2081	2080
2543	PLATE	3	25	1741	2082	2083	1809
2544	PLATE	3	25	1809	2083	2084	1877
2545	PLATE	3	25	1877	2084	2085	1945
2546	PLATE	3	25	1945	2085	2086	2013
2547	PLATE	3	25	2013	2086	2087	2081

Provincia di Parma - Lavori di messa in sicurezza del ponte sul torrente Ceno lungo la S.C. Fopla in località Case Contini

2555	PLATE	3	25	2082	2088	2089	2083
2556	PLATE	3	25	2083	2089	2090	2084
2557	PLATE	3	25	2084	2090	2091	2085
2558	PLATE	3	25	2085	2091	2092	2086
2559	PLATE	3	25	2086	2092	2093	2087
2567	PLATE	3	25	2088	2094	2095	2089
2568	PLATE	3	25	2089	2095	2096	2090
2569	PLATE	3	25	2090	2096	2097	2091
2570	PLATE	3	25	2091	2097	2098	2092
2571	PLATE	3	25	2092	2098	2099	2093
2579	PLATE	3	25	2094	2100	2101	2095
2580	PLATE	3	25	2095	2101	2102	2096
2581	PLATE	3	25	2096	2102	2103	2097
2582	PLATE	3	25	2097	2103	2104	2098
2583	PLATE	3	25	2098	2104	2105	2099
2591	PLATE	3	25	2100	2106	2107	2101
2592	PLATE	3	25	2101	2107	2108	2102
2593	PLATE	3	25	2102	2108	2109	2103
2594	PLATE	3	25	2103	2109	2110	2104
2595	PLATE	3	25	2104	2110	2111	2105
2603	PLATE	3	25	2106	2112	2113	2107
2604	PLATE	3	25	2107	2113	2114	2108
2605	PLATE	3	25	2108	2114	2115	2109
2606	PLATE	3	25	2109	2115	2116	2110
2607	PLATE	3	25	2110	2116	2117	2111
2615	PLATE	3	25	2112	2118	2119	2113
2616	PLATE	3	25	2113	2119	2120	2114
2617	PLATE	3	25	2114	2120	2121	2115
2618	PLATE	3	25	2115	2121	2122	2116
2619	PLATE	3	25	2116	2122	2123	2117
2627	PLATE	3	25	2118	2124	2125	2119
2628	PLATE	3	25	2119	2125	2126	2120
2629	PLATE	3	25	2120	2126	2127	2121
2630	PLATE	3	25	2121	2127	2128	2122
2631	PLATE	3	25	2122	2128	2129	2123
2639	PLATE	3	25	2124	2130	2131	2125
2640	PLATE	3	25	2125	2131	2132	2126
2641	PLATE	3	25	2126	2132	2133	2127
2642	PLATE	3	25	2127	2133	2134	2128
2643	PLATE	3	25	2128	2134	2135	2129
2651	PLATE	3	25	2130	2136	2137	2131
2652	PLATE	3	25	2131	2137	2138	2132
2653	PLATE	3	25	2132	2138	2139	2133
2654	PLATE	3	25	2133	2139	2140	2134
2655	PLATE	3	25	2134	2140	2141	2135
2663	PLATE	3	25	2136	2142	2143	2137
2664	PLATE	3	25	2137	2143	2144	2138
2665	PLATE	3	25	2138	2144	2145	2139
2666	PLATE	3	25	2139	2145	2146	2140
2667	PLATE	3	25	2140	2146	2147	2141
2675	PLATE	3	25	2142	2148	2149	2143
2676	PLATE	3	25	2143	2149	2150	2144
2677	PLATE	3	25	2144	2150	2151	2145
2678	PLATE	3	25	2145	2151	2152	2146
2679	PLATE	3	25	2146	2152	2153	2147
2687	PLATE	3	25	2148	2154	2155	2149
2688	PLATE	3	25	2149	2155	2156	2150
2689	PLATE	3	25	2150	2156	2157	2151
2690	PLATE	3	25	2151	2157	2158	2152
2691	PLATE	3	25	2152	2158	2159	2153
2699	PLATE	3	25	2154	2160	2161	2155

2700	PLATE	3	25	2155	2161	2162	2156
2701	PLATE	3	25	2156	2162	2163	2157
2702	PLATE	3	25	2157	2163	2164	2158
2703	PLATE	3	25	2158	2164	2165	2159
2711	PLATE	3	25	2160	2166	2167	2161
2712	PLATE	3	25	2161	2167	2168	2162
2713	PLATE	3	25	2162	2168	2169	2163
2714	PLATE	3	25	2163	2169	2170	2164
2715	PLATE	3	25	2164	2170	2171	2165
2723	PLATE	3	25	2166	2172	2173	2167
2724	PLATE	3	25	2167	2173	2174	2168
2725	PLATE	3	25	2168	2174	2175	2169
2726	PLATE	3	25	2169	2175	2176	2170
2727	PLATE	3	25	2170	2176	2177	2171

8. RISULTATI DI CALCOLO.

Di seguito saranno riportati i risultati ottenuti dai modelli di calcolo precedentemente descritti, allo stato di fatto e allo stato di progetto, le risposte modali e le sollecitazioni in condizioni SLU e SLE.

8.1 Risposta modale modello allo stato di fatto.

Si è eseguita un'analisi modale, considerando il modello 3D della struttura. I modi di vibrare e la relativa percentuale di massa partecipante sono riportate di seguito.

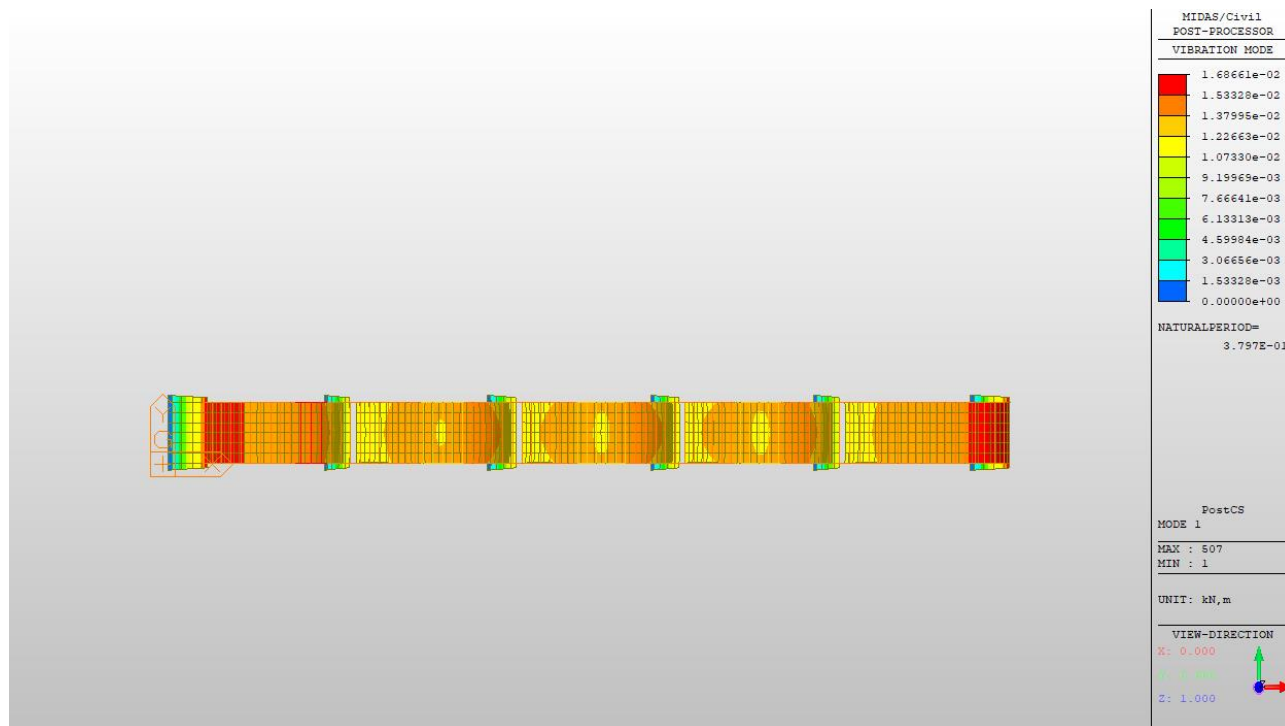


Figura 10. 1° Modo di vibrare – Principale in x

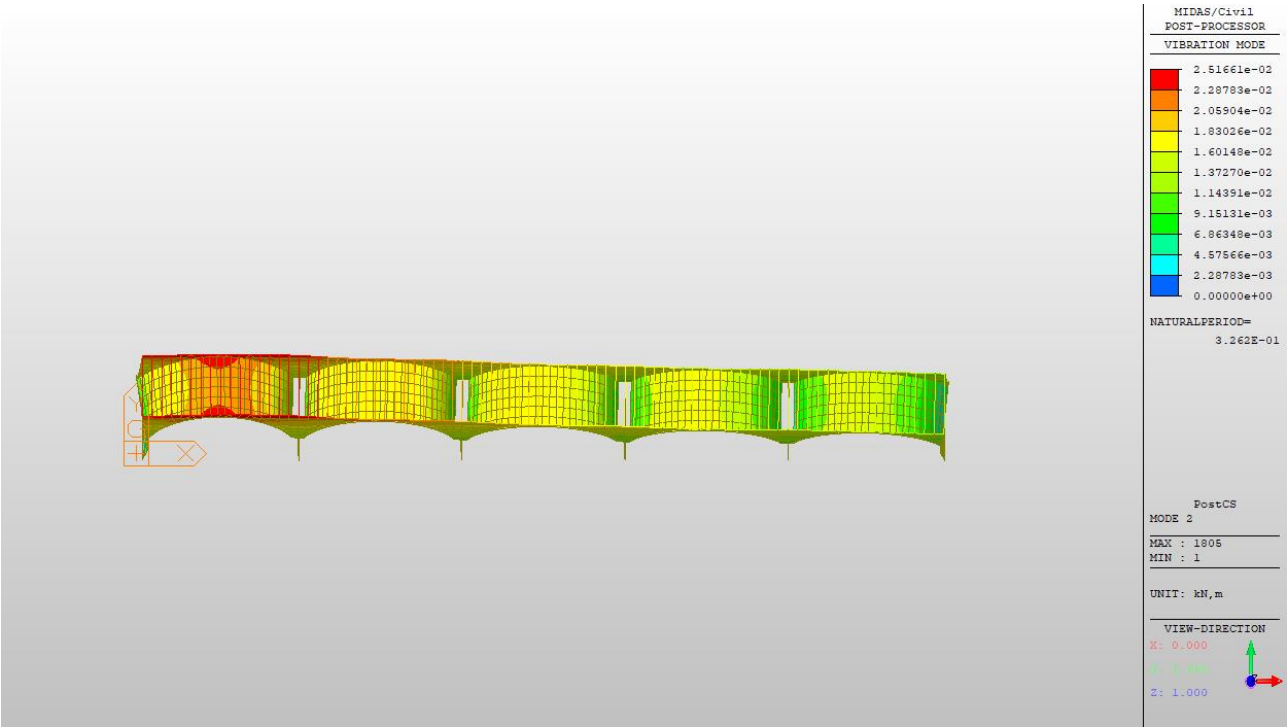


Figura 11. 2° Modo di vibrare – Principale in y

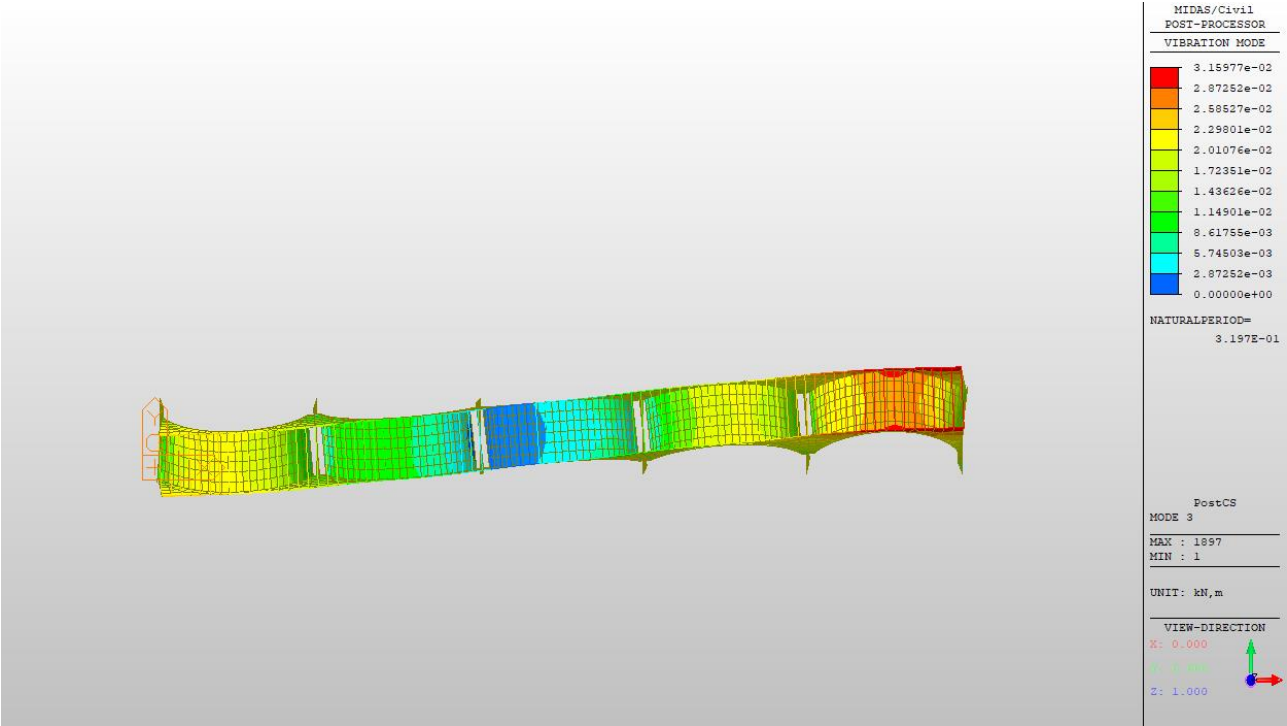


Figura 12. 3° Modo di vibrare – Rotazionale in z

8.2 Risposta modale modello allo stato di progetto.

Si è eseguita un'analisi modale, considerando il modello 3D della struttura. I modi di vibrare e la relativa percentuale di massa partecipante sono riportate di seguito.

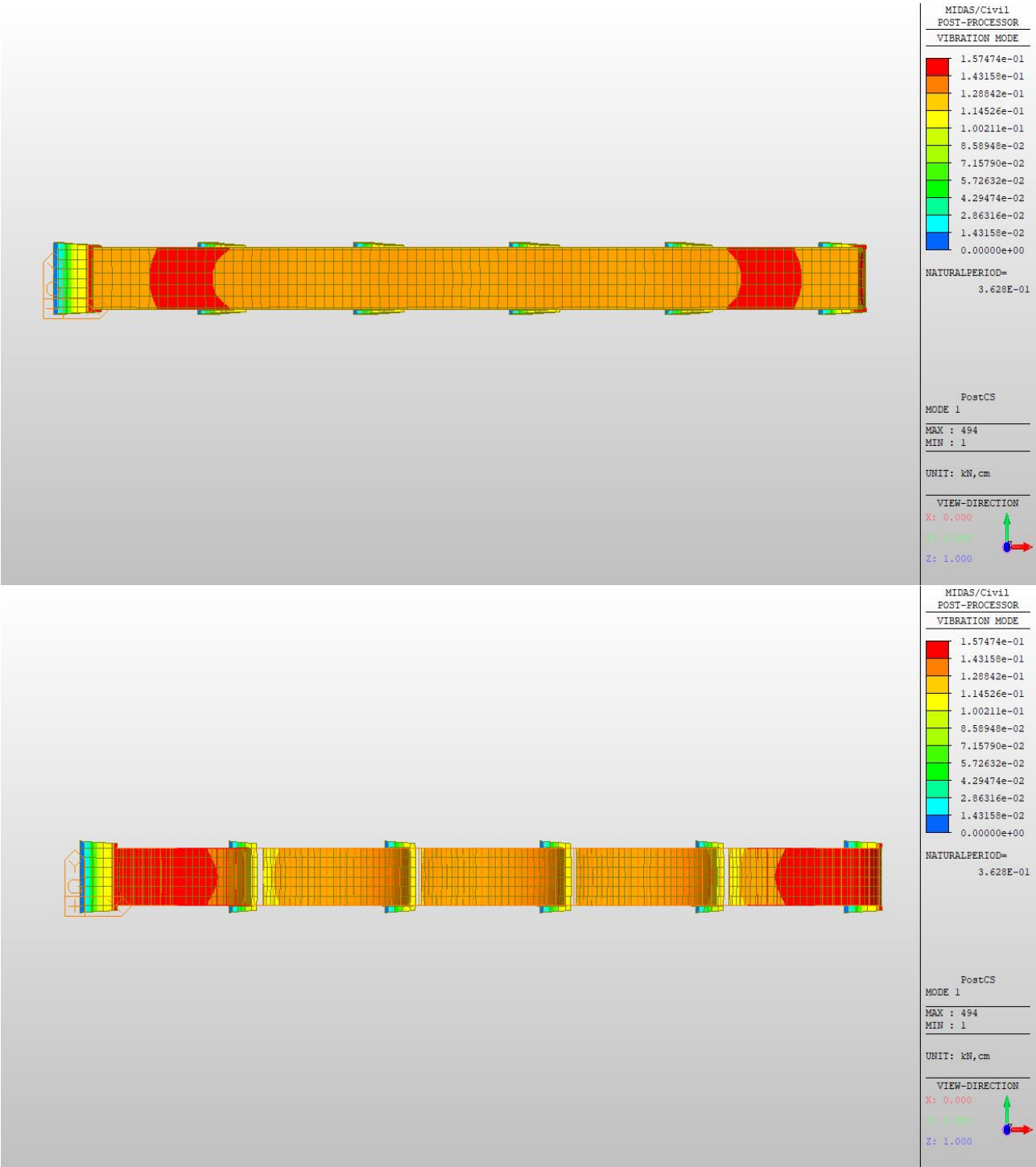


Figura 13. 1° Modo di vibrare – Principale in x

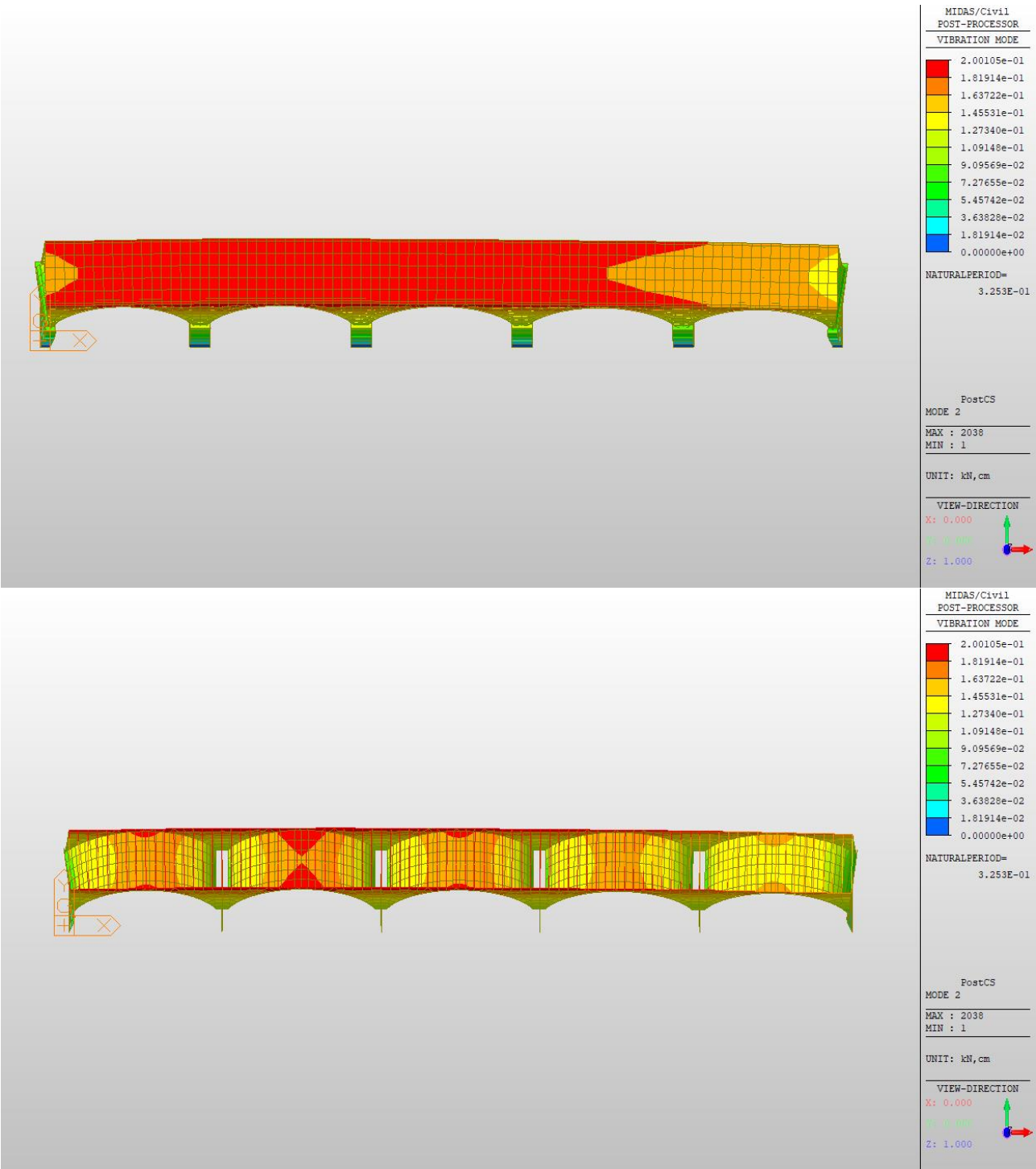


Figura 14. 2° Modo di vibrare – Principale in y

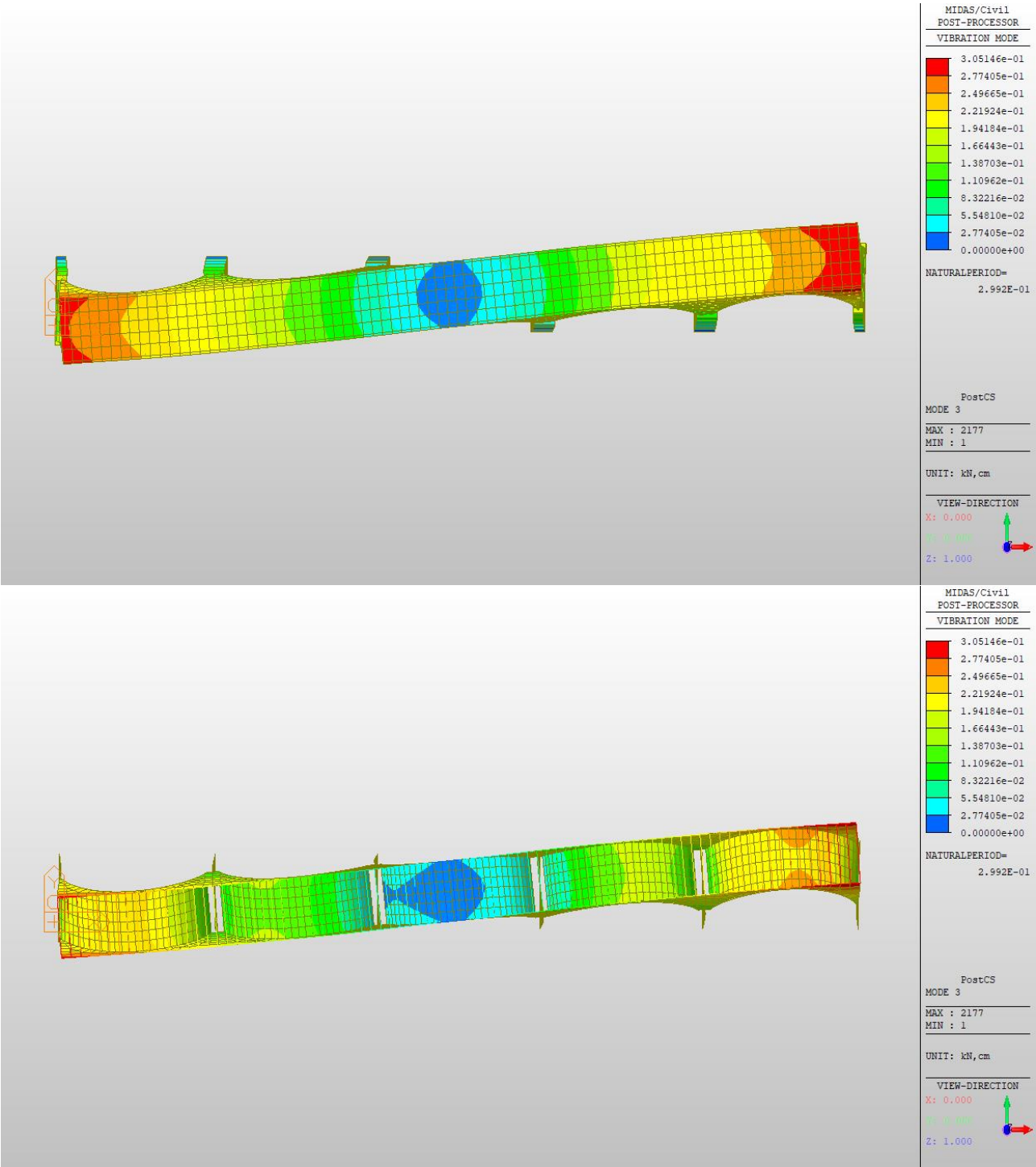


Figura 15. 3° Modo di vibrare – Rotazionale in z

8.3 Sollecitazioni SLU modello allo stato di fatto.

Di seguito vengono riportati gli stati tensionali degli elementi plate:

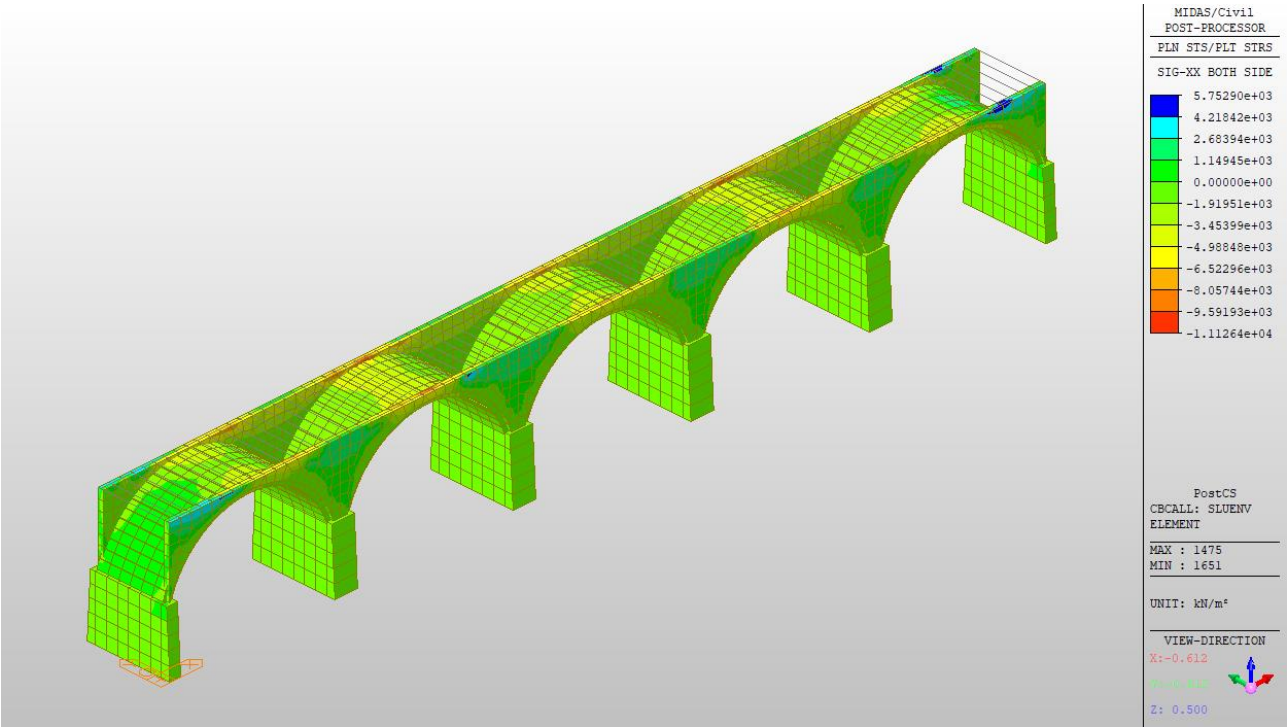


Figura 16. Stato tensionale Sig-xx – inviluppo SLU

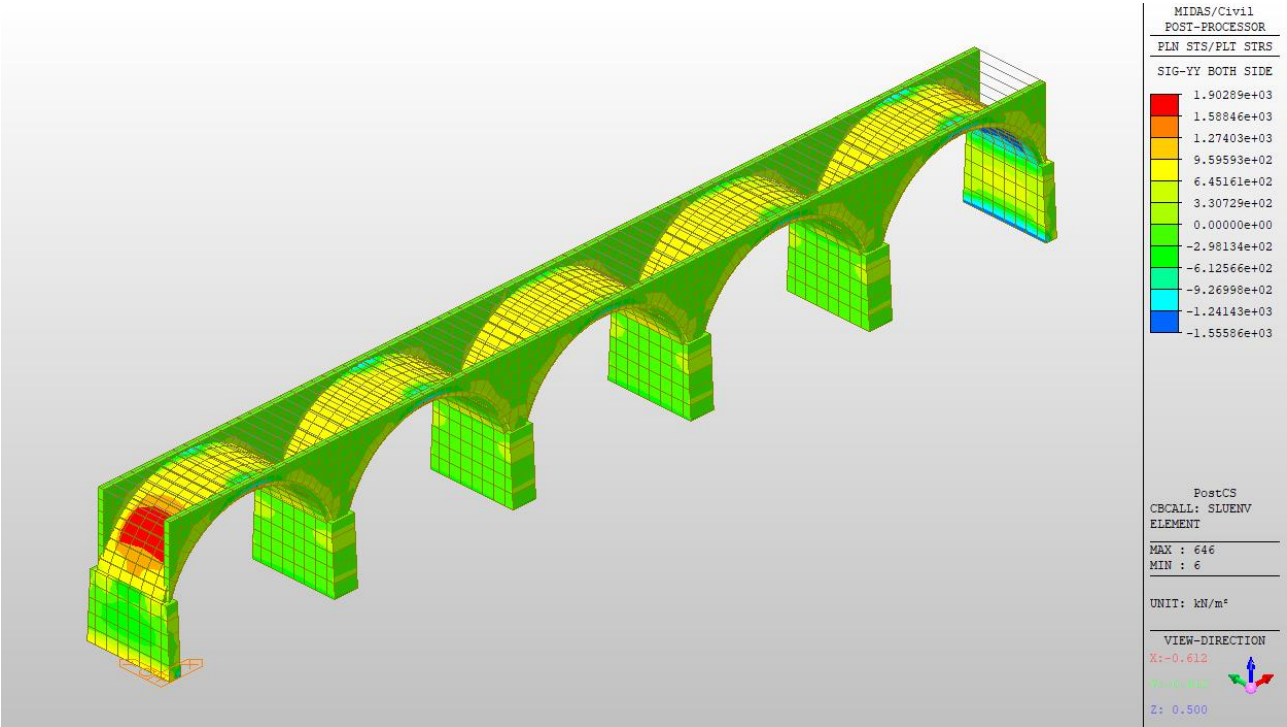


Figura 17. Stato tensionale Sig-yy – inviluppo SLU

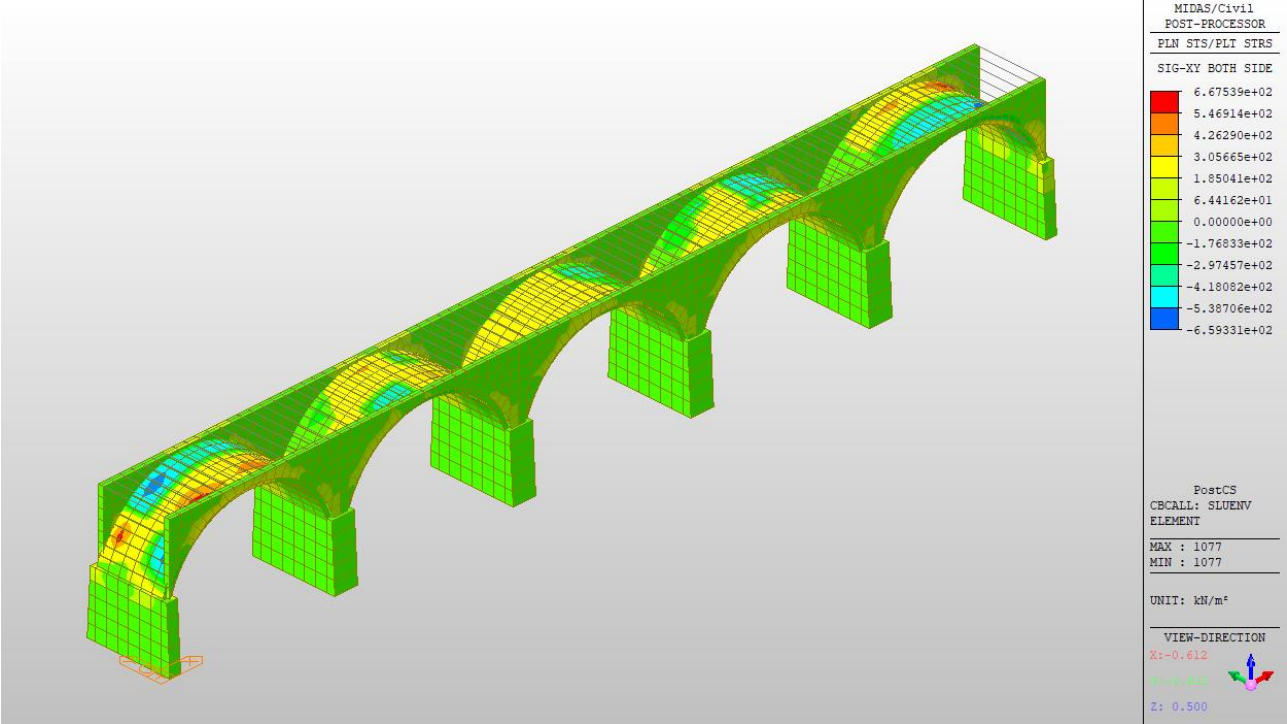


Figura 18. Stato tensionale Sig-xy – involucro SLU

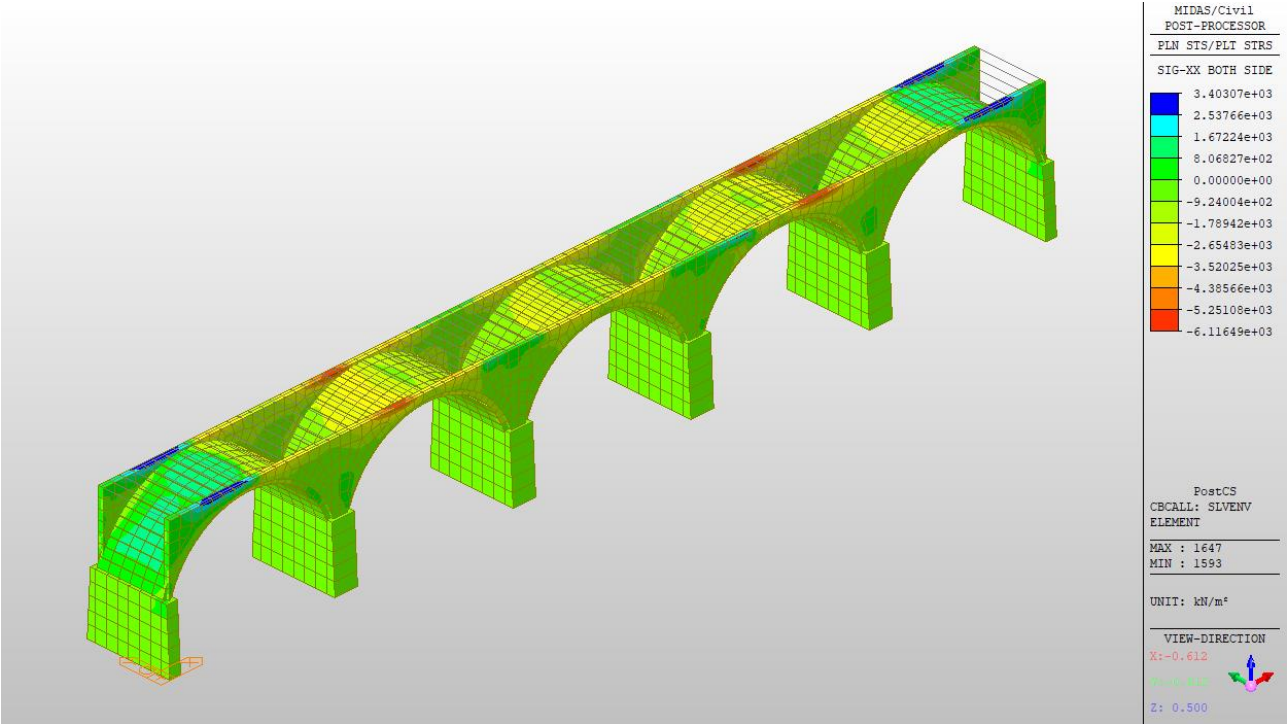


Figura 19. Stato tensionale Sig-xx – involucro SLV

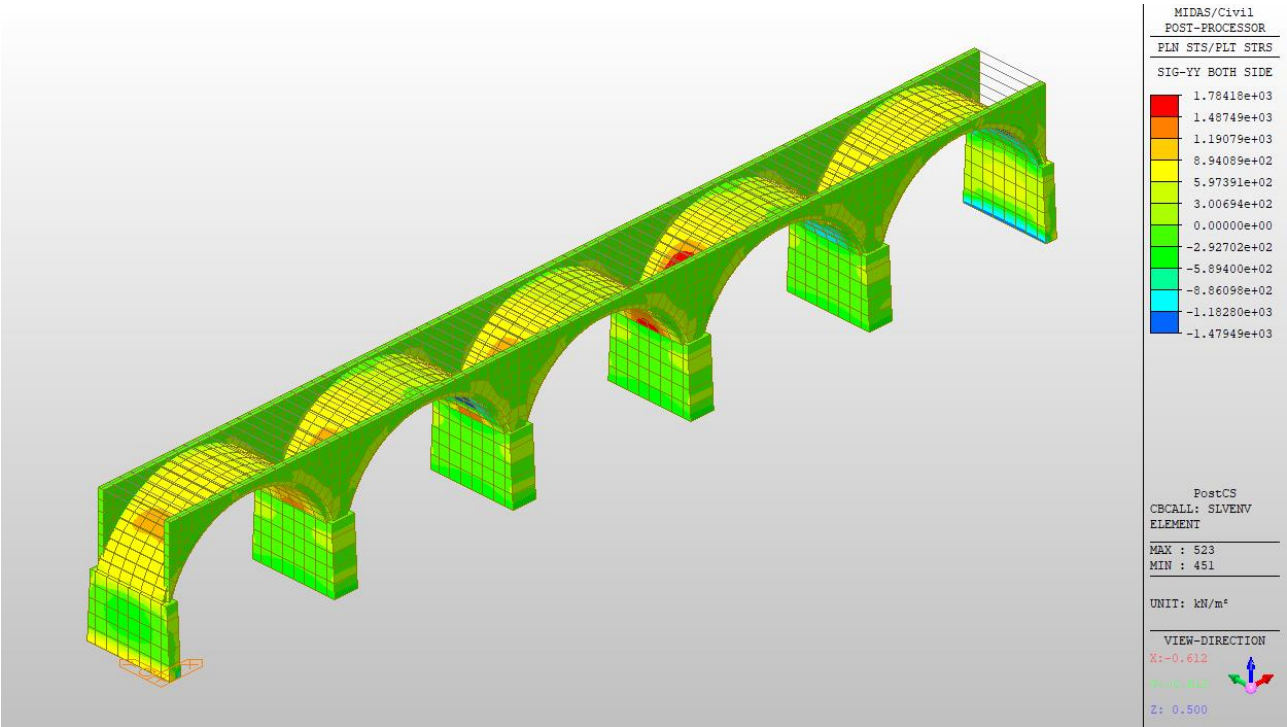


Figura 20. Stato tensionale Sig-yy – involucro SLV

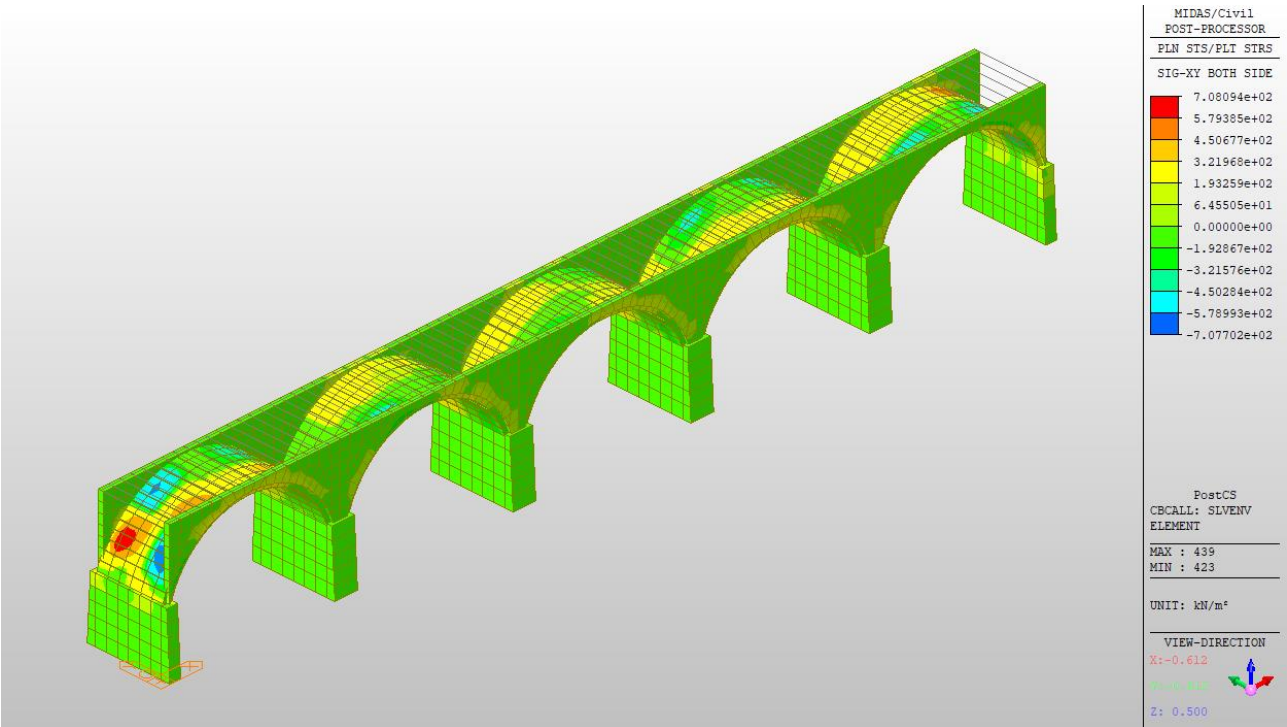


Figura 21. Stato tensionale Sig-xy – involucro SLV

Si riportano anche gli spostamenti nodali del modello 3D:

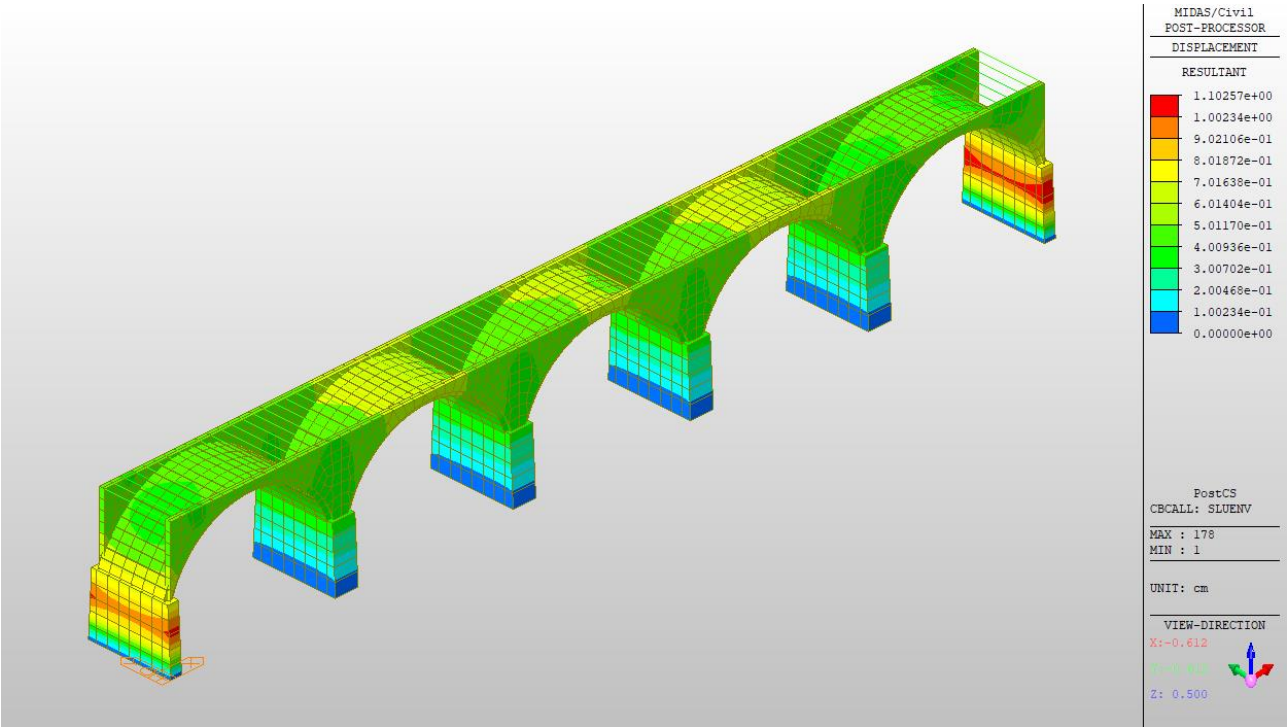


Figura 22. Spostamenti - involucro SLU

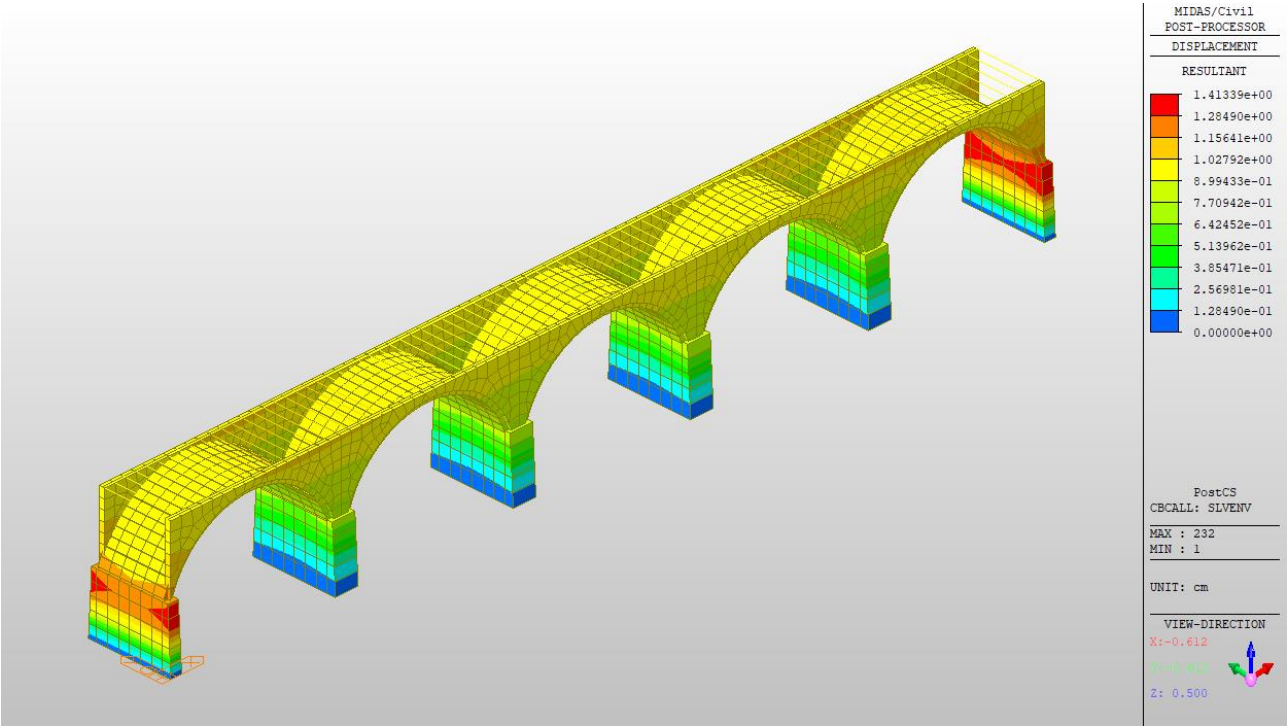


Figura 23. Spostamenti - involucro SLV

8.4 Sollecitazioni SLU modello allo stato di progetto.

Di seguito vengono riportati gli stati tensionali degli elementi plate:

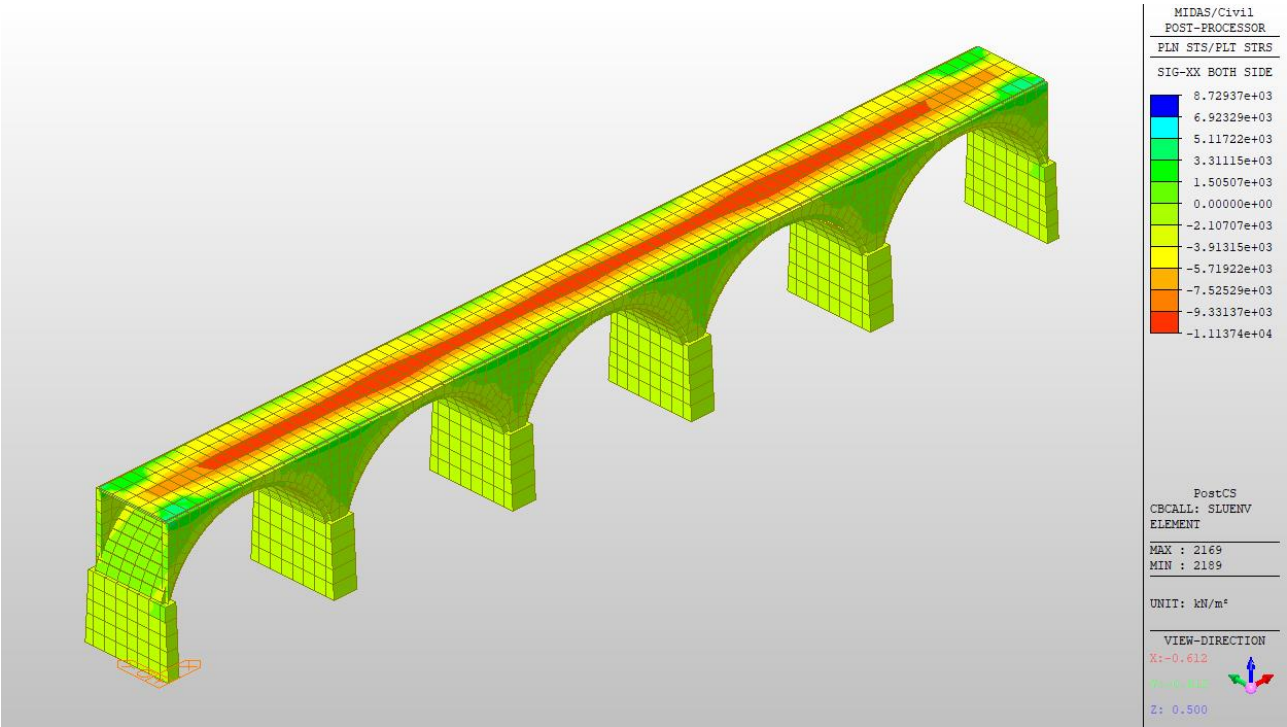


Figura 24. Stato tensionale Sig-xx – inviluppo SLU

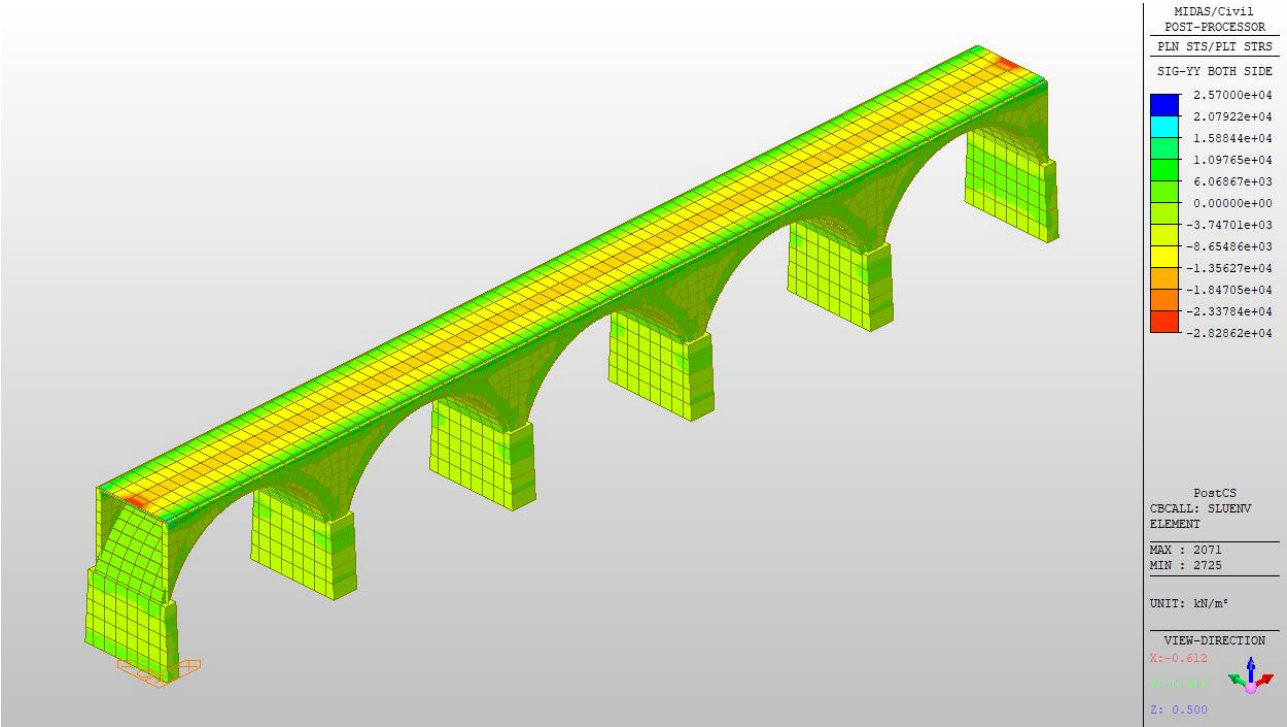


Figura 25. Stato tensionale Sig-yy – inviluppo SLU

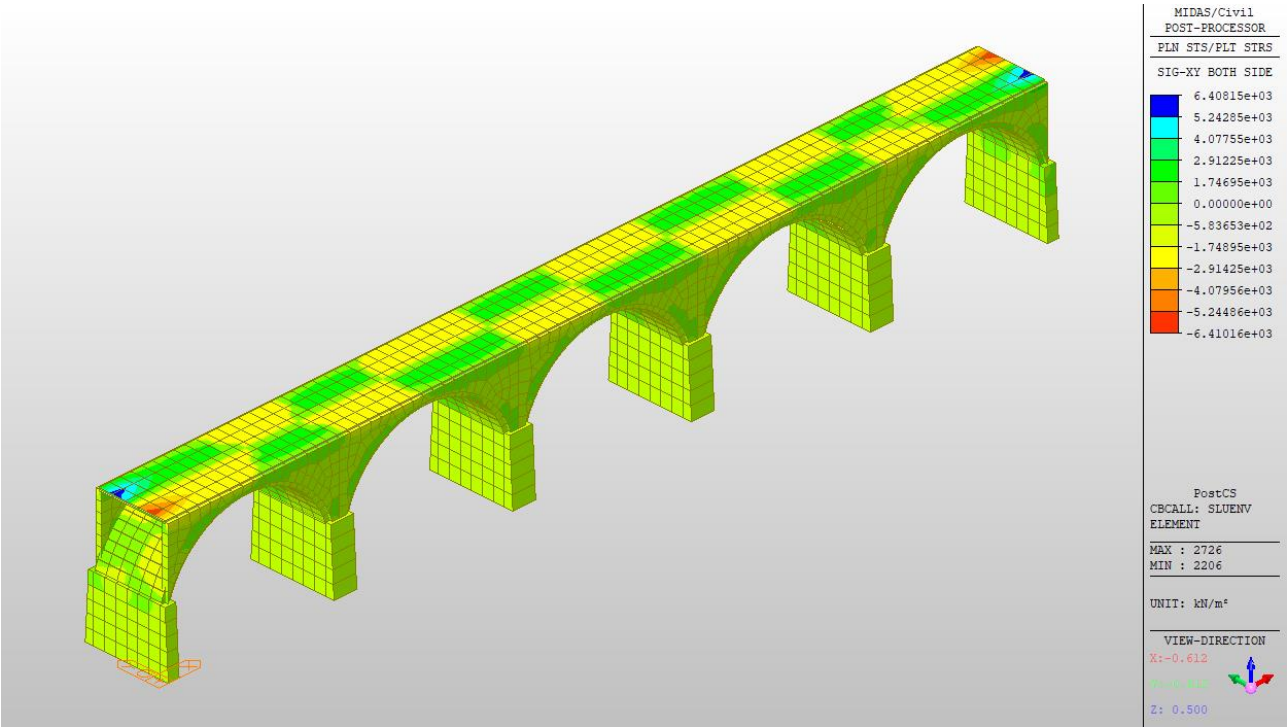


Figura 26. Stato tensionale Sig-xy – involucro SLU

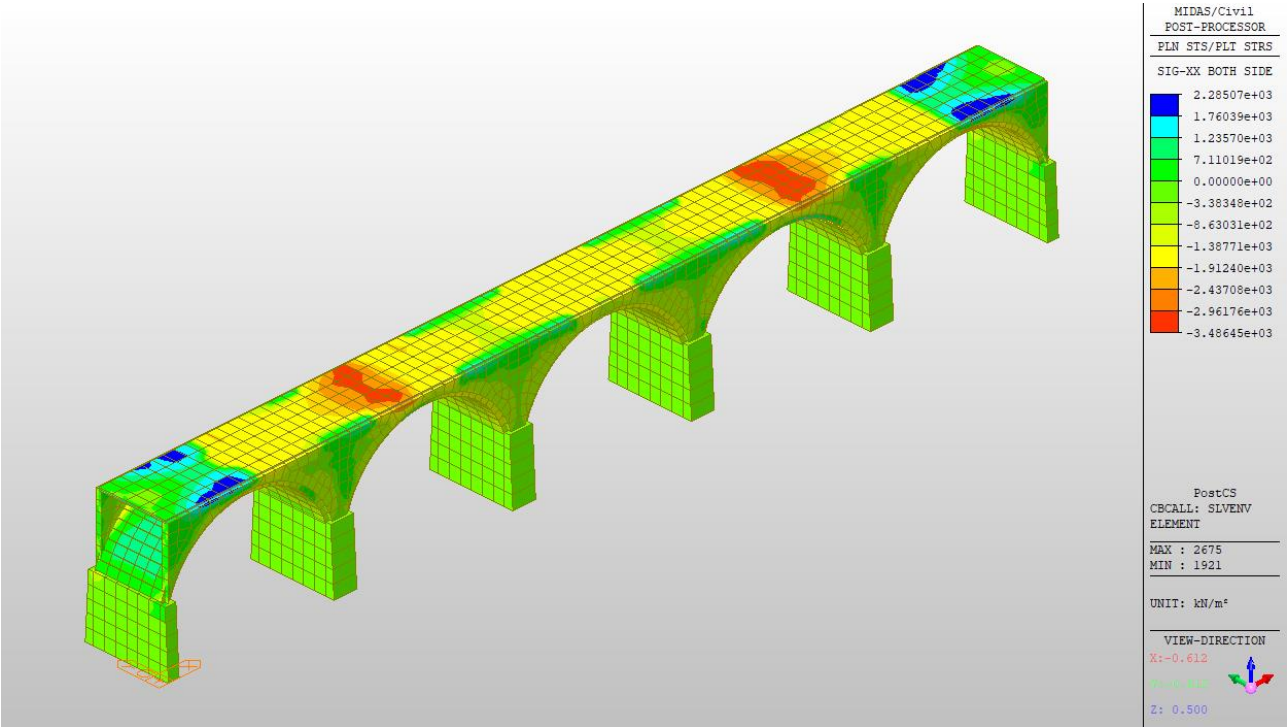


Figura 27. Stato tensionale Sig-xx – involucro SLV

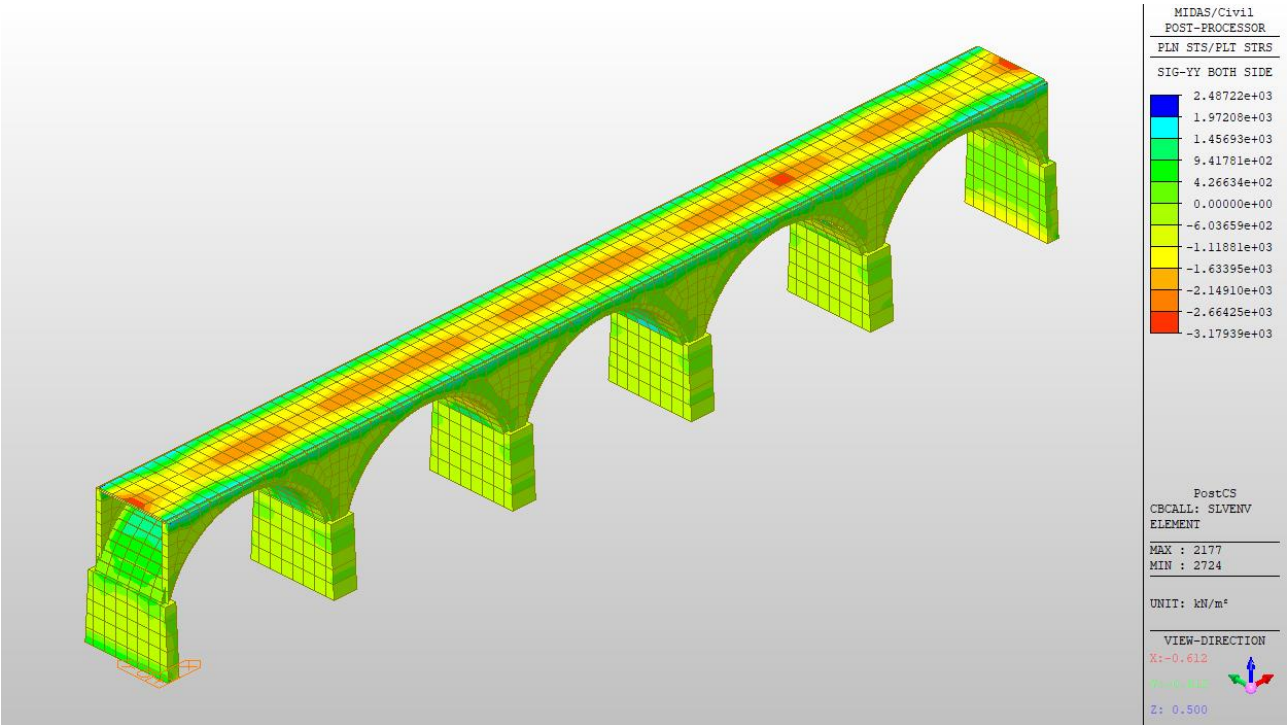


Figura 28. Stato tensionale Sig-yy – involucro SLV

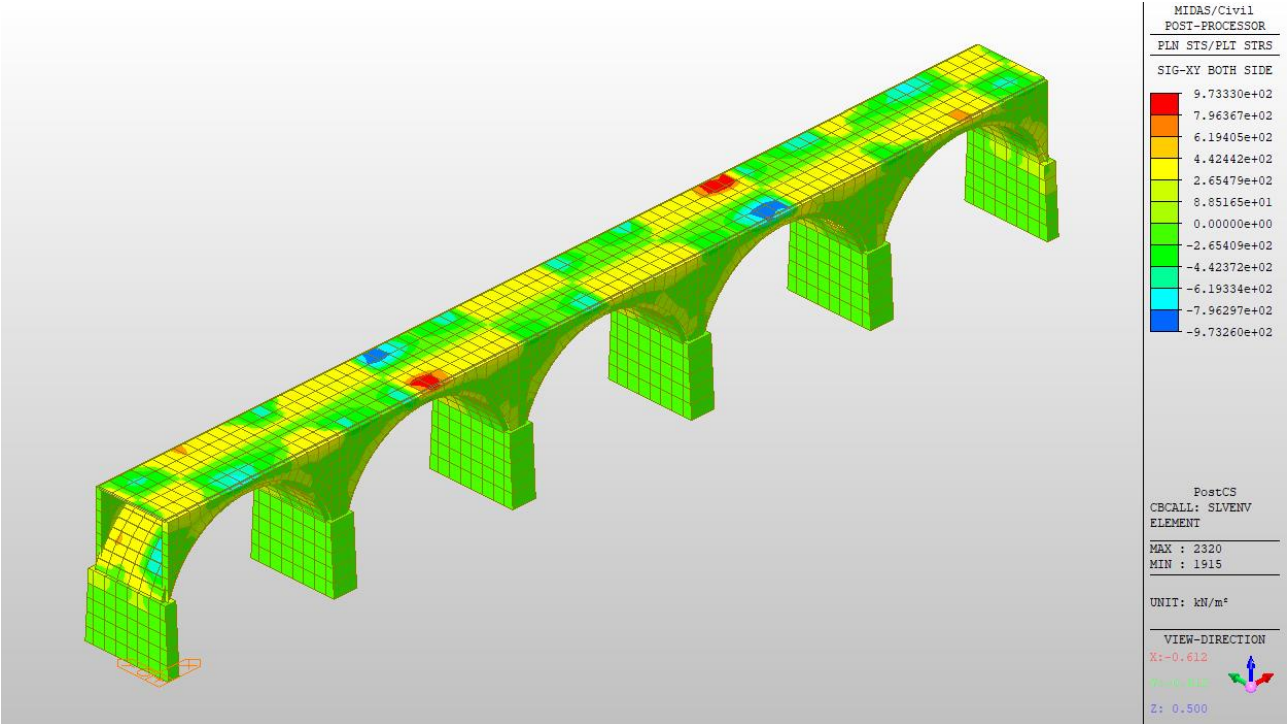


Figura 29. Stato tensionale Sig-xy – involucro SLV

Si riportano anche gli spostamenti nodali del modello 3D:

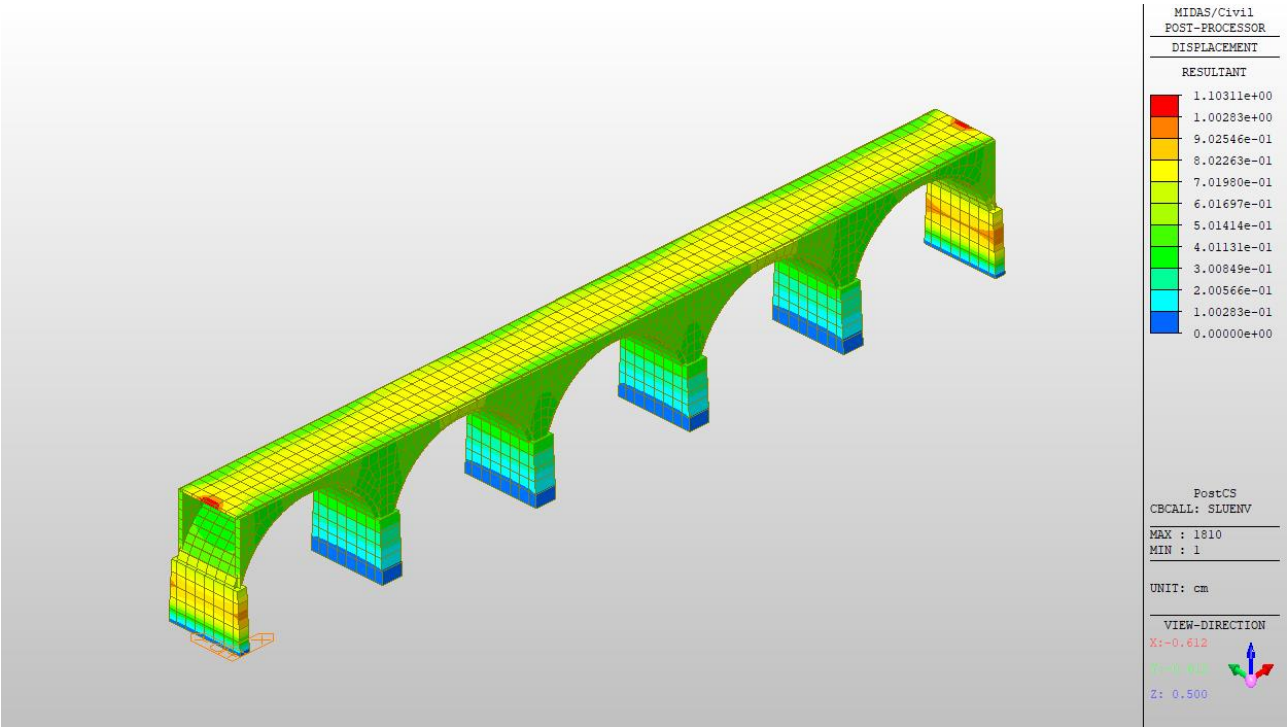


Figura 30. Spostamenti - involucro SLU

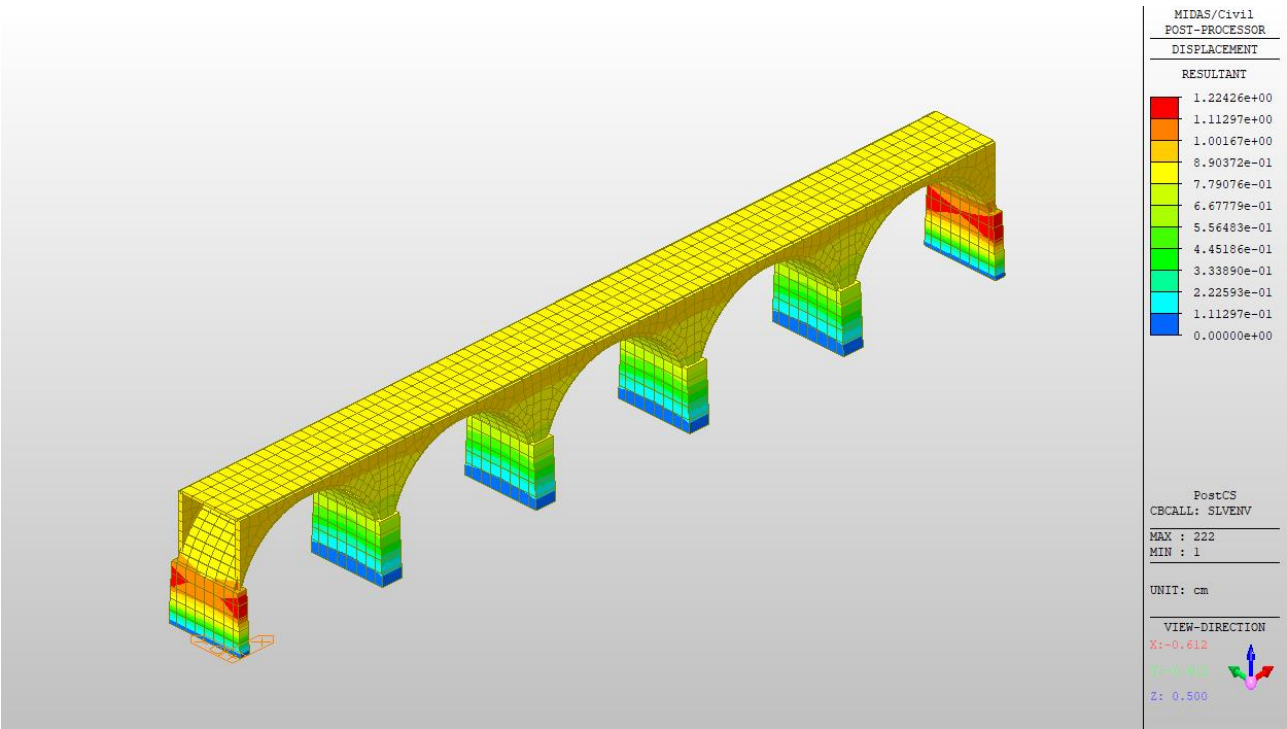


Figura 31. Spostamenti - involucro SLV

9. VERIFICHE.

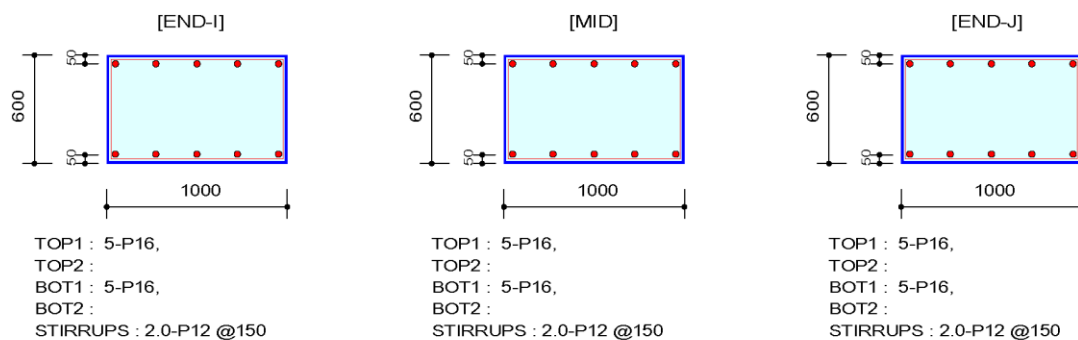
9.1 Verifica delle travi in c.a. di rinforzo delle reni degli archi esistenti.

Tutte le verifiche agli SLU e agli SLE risultano soddisfatte e sono riportate di seguito.

1. Design Information

Design Code : Eurocode2-2:05
 Unit System : N, mm
 Material Data : $f_{ck} = 32$, $f_{yk} = 450$, $f_{yw} = 450$ MPa
 Beam Span : 1017 mm
 Section Property: TR_60x100 (No : 1)

2. Section Diagram



3. Bending Moment Capacity

	END-I	MID	END-J
Negative Moment (M_{Ed})	55589932.52	46436675.68	55657356.41
(-) Load Combination No.	1-MY	1-MY	1-MY
Factored Strength (M_{Rd})	212028382.67	212028382.67	212028382.67
Check Ratio (M_{Ed}/M_{Rd})	0.2622	0.2190	0.2625
Positive Moment (M_{Ed})	40899265.41	29514904.75	40910413.14
(+) Load Combination No.	1+MY	29	1+MY
Factored Strength (M_{Rd})	212028382.67	212028382.67	212028382.67
Check Ratio (M_{Ed}/M_{Rd})	0.1929	0.1392	0.1929
Using Rebar Top ($A_{s.top}$)	1005.0000	1005.0000	1005.0000
Using Rebar Bot ($A_{s.bot}$)	1005.0000	1005.0000	1005.0000

4. Shear Capacity

	END-I	MID	END-J
Load Combination No.	1-FZ	1+FZ	1+FZ
Factored Shear Force (V_{Ed})	90740.61	86548.01	91006.80
Shear Strength by Conc. (V_{Rdc})	221011.68	221011.68	221011.68
Shear Strength by Rebar (V_{Rds})	291834.78	291834.78	291834.78
Using Shear Reinf. (A_{sw})	1.5067	1.5067	1.5067
Using Stirrups Spacing	2.0-P12 @150	2.0-P12 @150	2.0-P12 @150
Check Ratio	0.4106	0.3916	0.4118