

GIRDER 7

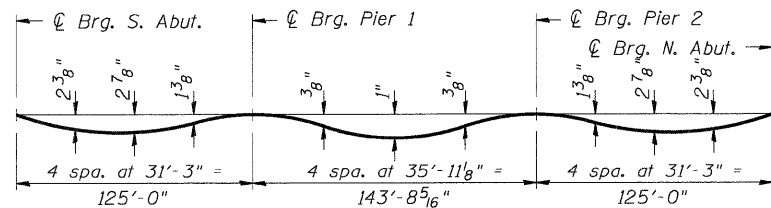
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	-4.13	441.57	441.57
⊕ Exp. Jt.	1677+19.34	-4.13	441.64	441.64
⊕ Brg. S. Abut.	1677+20.50	-4.13	441.68	441.68
A	1677+30.50	-4.13	442.02	442.10
B	1677+40.50	-4.13	442.35	442.49
C	1677+50.50	-4.13	442.67	442.87
D	1677+60.50	-4.13	442.98	443.21
E	1677+70.50	-4.13	443.29	443.53
F	1677+80.50	-4.13	443.58	443.82
G	1677+90.50	-4.13	443.86	444.08
H	1678+00.50	-4.13	444.14	444.32
I	1678+10.50	-4.13	444.40	444.54
J	1678+20.50	-4.13	444.66	444.75
K	1678+30.50	-4.13	444.91	444.95
⊕ Brg. Pier 1	1678+45.50	-4.13	445.26	445.26
L	1678+55.50	-4.13	445.49	445.48
M	1678+65.50	-4.13	445.70	445.71
N	1678+75.50	-4.13	445.91	445.93
O	1678+85.50	-4.13	446.11	446.15
P	1678+95.50	-4.13	446.29	446.36
Q	1679+05.50	-4.13	446.47	446.55
R	1679+15.50	-4.13	446.64	446.73
S	1679+25.50	-4.13	446.81	446.89
T	1679+35.50	-4.13	446.96	447.03
U	1679+45.50	-4.13	447.10	447.15
V	1679+55.50	-4.13	447.23	447.26
W	1679+65.50	-4.13	447.36	447.37
X	1679+75.50	-4.13	447.47	447.47
Y	1679+85.50	-4.13	447.58	447.58
Z				
AA	1679+89.19	-4.13	447.62	447.62
⊕ Brg. Pier 2	1679+99.19	-4.13	447.71	447.74
AB	1680+09.19	-4.13	447.80	447.86
AC	1680+19.19	-4.13	447.87	447.98
AD	1680+29.19	-4.13	447.94	448.10
AE	1680+39.19	-4.13	448.00	448.20
AF	1680+49.19	-4.13	448.05	448.28
AG	1680+59.19	-4.13	448.09	448.33
AH	1680+69.19	-4.13	448.12	448.36
AI	1680+79.19	-4.13	448.14	448.35
AJ	1680+89.19	-4.13	448.15	448.32
AK	1680+99.19	-4.13	448.15	448.26
AL	1681+14.19	-4.13	448.14	448.14
⊕ Brg. N. Abut.	1681+15.47	-4.13	448.14	448.14
⊕ Exp. Jt.	1681+17.78	-4.13	448.14	448.14
Bk. N. Abut.				

PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	0.00	441.65	441.65
⊕ Exp. Jt.	1677+19.34	0.00	441.73	441.73
⊕ Brg. S. Abut.	1677+20.50	0.00	441.77	441.77
A	1677+30.50	0.00	442.10	442.18
B	1677+40.50	0.00	442.43	442.58
C	1677+50.50	0.00	442.75	442.95
D	1677+60.50	0.00	443.07	443.30
E	1677+70.50	0.00	443.37	443.62
F	1677+80.50	0.00	443.66	443.91
G	1677+90.50	0.00	443.94	444.17
H	1678+00.50	0.00	444.22	444.41
I	1678+10.50	0.00	444.49	444.63
J	1678+20.50	0.00	444.74	444.83
K	1678+30.50	0.00	444.99	445.04
⊕ Brg. Pier 1	1678+45.50	0.00	445.34	445.34
L	1678+55.50	0.00	445.57	445.56
M	1678+65.50	0.00	445.78	445.78
N	1678+75.50	0.00	445.99	446.00
O	1678+85.50	0.00	446.19	446.22
P	1678+95.50	0.00	446.38	446.43
Q	1679+05.50	0.00	446.56	446.62
R	1679+15.50	0.00	446.73	446.80
S	1679+25.50	0.00	446.89	446.95
T	1679+35.50	0.00	447.04	447.09
U	1679+45.50	0.00	447.18	447.22
V	1679+55.50	0.00	447.32	447.33
W	1679+65.50	0.00	447.44	447.44
X	1679+75.50	0.00	447.56	447.55
Y				
Z				
AA	1679+87.27	0.00	447.68	447.68
⊕ Brg. Pier 2	1679+97.27	0.00	447.78	447.81
AB	1680+07.27	0.00	447.86	447.93
AC	1680+17.27	0.00	447.94	448.06
AD	1680+27.27	0.00	448.01	448.17
AE	1680+37.27	0.00	448.07	448.28
AF	1680+47.27	0.00	448.12	448.36
AG	1680+57.27	0.00	448.16	448.41
AH	1680+67.27	0.00	448.19	448.44
AI	1680+77.27	0.00	448.22	448.44
AJ	1680+87.27	0.00	448.23	448.41
AK	1680+97.27	0.00	448.24	448.35
AL	1681+12.27	0.00	448.23	448.23
⊕ Brg. N. Abut.	1681+13.55	0.00	448.22	448.22
⊕ Exp. Jt.	1681+15.86	0.00	448.22	448.22
Bk. N. Abut.				

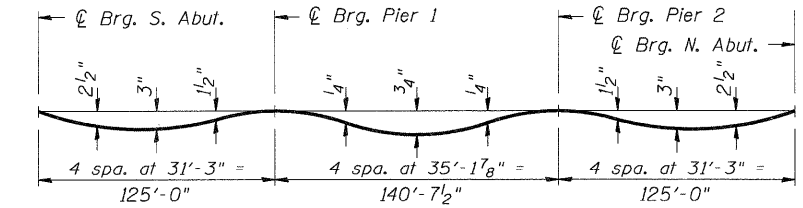
GIRDER 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	2.46	441.61	441.61
⊕ Exp. Jt.	1677+19.34	2.46	441.68	441.68
⊕ Brg. S. Abut.	1677+20.50	2.46	441.72	441.72
A	1677+30.50	2.46	442.06	442.13
B	1677+40.50	2.46	442.39	442.53
C	1677+50.50	2.46	442.71	442.90
D	1677+60.50	2.46	443.02	443.25
E	1677+70.50	2.46	443.32	443.57
F	1677+80.50	2.46	443.61	443.86
G	1677+90.50	2.46	443.90	444.12
H	1678+00.50	2.46	444.17	444.36
I	1678+10.50	2.46	444.44	444.58
J	1678+20.50	2.46	444.69	444.79
K	1678+30.50	2.46	444.94	444.99
⊕ Brg. Pier 1	1678+45.50	2.46	445.29	445.29
L	1678+55.50	2.46	445.52	445.51
M	1678+65.50	2.46	445.74	445.73
N	1678+75.50	2.46	445.94	445.95
O	1678+85.50	2.46	446.14	446.17
P	1678+95.50	2.46	446.33	446.37
Q	1679+05.50	2.46	446.51	446.56
R	1679+15.50	2.46	446.68	446.74
S	1679+25.50	2.46	446.84	446.89
T	1679+35.50	2.46	446.99	447.03
U	1679+45.50	2.46	447.13	447.16
V	1679+55.50	2.46	447.27	447.28
W	1679+65.50	2.46	447.39	447.39
X	1679+75.50	2.46	447.51	447.50
Y				
Z				
AA	1679+86.12	2.46	447.62	447.62
⊕ Brg. Pier 2	1679+96.12	2.46	447.72	447.75
AB	1680+06.12	2.46	447.81	447.88
AC	1680+16.12	2.46	447.88	448.00
AD	1680+26.12	2.46	447.95	448.12
AE	1680+36.12	2.46	448.01	448.23
AF	1680+46.12	2.46	448.07	448.31
AG	1680+56.12	2.46	448.11	448.36
AH	1680+66.12	2.46	448.14	448.39
AI	1680+76.12	2.46	448.17	448.39
AJ	1680+86.12	2.46	448.18	448.36
AK	1680+96.12	2.46	448.19	448.30
AL	1681+11.12	2.46	448.18	448.18
⊕ Brg. N. Abut.	1681+12.40	2.46	448.18	448.18
⊕ Exp. Jt.	1681+14.71	2.46	448.17	448.17
Bk. N. Abut.				



DEAD LOAD DEFLECTION DIAGRAM - GIRDER 7

(Includes weight of concrete only.)



DEAD LOAD DEFLECTION DIAGRAM - GIRDER 8

(Includes weight of concrete only.)

NOTE:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.

\FS-8044\AVVAULT_ID-TRANS_07\2202\20666_001\STRUCT\CADD\01_DESIGN\0820329-SHEET\0820329-CON-10-904-SHT-SP.DGN
 5-11-2011 9:55:47
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = *USER*	DESIGNED - TCG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 3 OVER TRRA & ST. CLAIR AVENUE	TOP OF SLAB ELEVATIONS 4 OF 5		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = *SCALE*	DRAWN - TCG	REVISED -		998	82-2-1HBV-1	ST. CLAIR	345	199		
TENG	PLOT DATE = *DATE*	CHECKED - JLR	REVISED -		SN 082-0329		CONTRACT NO. 76D05				
		DATE - 05/13/11	REVISED -		SCALE:	SHEET NO. SB-7 OF SB-63	STA. 1679+16.65 TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		