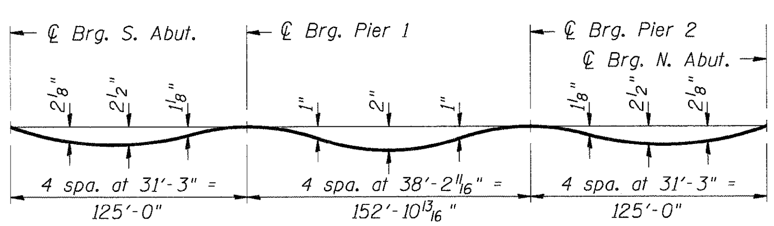
GIRDER 4

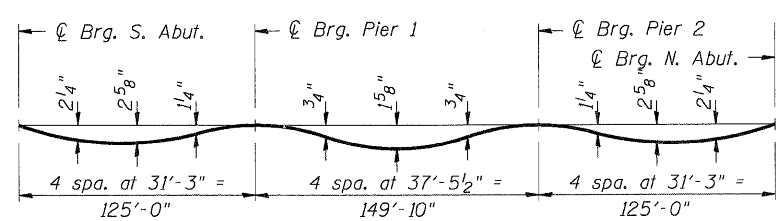
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	-23.88	441.18	441.18
℄ Exp. Jt.	1677+19.34	-23.88	441.25	441.25
℄ Brg. S. Abut.	1677+20.50	-23.88	441.29	441.29
A	1677+30.50	-23.88	441.63	441.70
B	1677+40.50	-23.88	441.96	442.08
C	1677+50.50	-23.88	442.28	442.45
D	1677+60.50	-23.88	442.59	442.80
E	1677+70.50	-23.88	442.89	443.11
F	1677+80.50	-23.88	443.18	443.40
G	1677+90.50	-23.88	443.47	443.66
H	1678+00.50	-23.88	443.74	443.89
I	1678+10.50	-23.88	444.01	444.12
J	1678+20.50	-23.88	444.26	444.33
K	1678+30.50	-23.88	444.51	444.54
℄ Brg. Pier 1	1678+45.50	-23.88	444.87	444.87
L	1678+55.50	-23.88	445.09	445.10
M	1678+65.50	-23.88	445.31	445.33
N	1678+75.50	-23.88	445.51	445.57
O	1678+85.50	-23.88	445.71	445.80
P	1678+95.50	-23.88	445.90	446.02
Q	1679+05.50	-23.88	446.08	446.23
R	1679+15.50	-23.88	446.25	446.41
S	1679+25.50	-23.88	446.41	446.58
T	1679+35.50	-23.88	446.56	446.72
U	1679+45.50	-23.88	446.71	446.83
V	1679+55.50	-23.88	446.84	446.94
W	1679+65.50	-23.88	446.96	447.03
X	1679+75.50	-23.88	447.08	447.11
Y	1679+85.50	-23.88	447.19	447.20
Z	1679+95.50	-23.88	447.28	447.29
AA	1679+98.40	-23.88	447.31	447.31
℄ Brg. Pier 2	1680+08.40	-23.88	447.40	447.41
AB	1680+18.40	-23.88	447.47	447.52
AC	1680+28.40	-23.88	447.54	447.63
AD	1680+38.40	-23.88	447.60	447.73
AE	1680+48.40	-23.88	447.65	447.82
AF	1680+58.40	-23.88	447.69	447.89
AG	1680+68.40	-23.88	447.72	447.94
AH	1680+78.40	-23.88	447.74	447.96
AI	1680+88.40	-23.88	447.75	447.95
AJ	1680+98.40	-23.88	447.76	447.92
AK	1681+08.40	-23.88	447.75	447.85
AL	1681+23.40	-23.88	447.73	447.73
℄ Brg. N. Abut.	1681+24.68	-23.88	447.73	447.73
℄ Exp. Jt.	1681+26.99	-23.88	447.72	447.72
Bk. N. Abut.				



DEAD LOAD DEFLECTION DIAGRAM - GIRDER 4
(Includes weight of concrete only.)

GIRDER 5

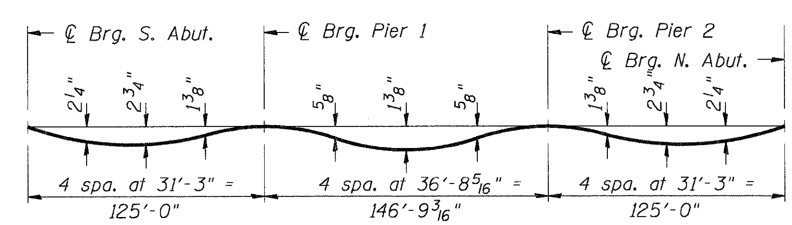
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	-17.29	441.31	441.31
℄ Exp. Jt.	1677+19.34	-17.29	441.38	441.38
℄ Brg. S. Abut.	1677+20.50	-17.29	441.42	441.42
A	1677+30.50	-17.29	441.76	441.83
B	1677+40.50	-17.29	442.09	442.22
C	1677+50.50	-17.29	442.41	442.59
D	1677+60.50	-17.29	442.72	442.93
E	1677+70.50	-17.29	443.02	443.25
F	1677+80.50	-17.29	443.32	443.54
G	1677+90.50	-17.29	443.60	443.80
H	1678+00.50	-17.29	443.87	444.04
I	1678+10.50	-17.29	444.14	444.26
J	1678+20.50	-17.29	444.40	444.47
K	1678+30.50	-17.29	444.64	444.68
℄ Brg. Pier 1	1678+45.50	-17.29	445.00	445.00
L	1678+55.50	-17.29	445.22	445.23
M	1678+65.50	-17.29	445.44	445.46
N	1678+75.50	-17.29	445.65	445.69
O	1678+85.50	-17.29	445.84	445.92
P	1678+95.50	-17.29	446.03	446.13
Q	1679+05.50	-17.29	446.21	446.34
R	1679+15.50	-17.29	446.38	446.52
S	1679+25.50	-17.29	446.54	446.68
T	1679+35.50	-17.29	446.69	446.82
U	1679+45.50	-17.29	446.84	446.94
V	1679+55.50	-17.29	446.97	447.04
W	1679+65.50	-17.29	447.10	447.14
X	1679+75.50	-17.29	447.21	447.23
Y	1679+85.50	-17.29	447.32	447.32
Z				
AA	1679+95.33	-17.29	447.41	447.41
℄ Brg. Pier 2	1680+05.33	-17.29	447.50	447.52
AB	1680+15.33	-17.29	447.58	447.64
AC	1680+25.33	-17.29	447.65	447.75
AD	1680+35.33	-17.29	447.71	447.85
AE	1680+45.33	-17.29	447.77	447.95
AF	1680+55.33	-17.29	447.81	448.02
AG	1680+65.33	-17.29	447.84	448.07
AH	1680+75.33	-17.29	447.87	448.09
AI	1680+85.33	-17.29	447.88	448.08
AJ	1680+95.33	-17.29	447.89	448.05
AK	1681+05.33	-17.29	447.89	447.99
AL	1681+20.33	-17.29	447.87	447.87
℄ Brg. N. Abut.	1681+21.61	-17.29	447.86	447.86
℄ Exp. Jt.	1681+23.92	-17.29	447.86	447.86
Bk. N. Abut.				



DEAD LOAD DEFLECTION DIAGRAM - GIRDER 5
(Includes weight of concrete only.)

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1677+17.25	-10.71	441.44	441.44
℄ Exp. Jt.	1677+19.34	-10.71	441.51	441.51
℄ Brg. S. Abut.	1677+20.50	-10.71	441.55	441.55
A	1677+30.50	-10.71	441.89	441.96
B	1677+40.50	-10.71	442.22	442.36
C	1677+50.50	-10.71	442.54	442.73
D	1677+60.50	-10.71	442.85	443.07
E	1677+70.50	-10.71	443.15	443.39
F	1677+80.50	-10.71	443.45	443.68
G	1677+90.50	-10.71	443.73	443.94
H	1678+00.50	-10.71	444.01	444.18
I	1678+10.50	-10.71	444.27	444.40
J	1678+20.50	-10.71	444.53	444.61
K	1678+30.50	-10.71	444.78	444.82
℄ Brg. Pier 1	1678+45.50	-10.71	445.13	445.13
L	1678+55.50	-10.71	445.35	445.36
M	1678+65.50	-10.71	445.57	445.58
N	1678+75.50	-10.71	445.78	445.81
O	1678+85.50	-10.71	445.97	446.03
P	1678+95.50	-10.71	446.16	446.24
Q	1679+05.50	-10.71	446.34	446.44
R	1679+15.50	-10.71	446.51	446.62
S	1679+25.50	-10.71	446.67	446.78
T	1679+35.50	-10.71	446.83	446.92
U	1679+45.50	-10.71	446.97	447.04
V	1679+55.50	-10.71	447.10	447.15
W	1679+65.50	-10.71	447.23	447.25
X	1679+75.50	-10.71	447.34	447.35
Y	1679+85.50	-10.71	447.45	447.45
Z				
AA	1679+92.26	-10.71	447.52	447.52
℄ Brg. Pier 2	1680+02.26	-10.71	447.61	447.63
AB	1680+12.26	-10.71	447.69	447.75
AC	1680+22.26	-10.71	447.76	447.87
AD	1680+32.26	-10.71	447.83	447.98
AE	1680+42.26	-10.71	447.88	448.08
AF	1680+52.26	-10.71	447.93	448.15
AG	1680+62.26	-10.71	447.96	448.20
AH	1680+72.26	-10.71	447.99	448.22
AI	1680+82.26	-10.71	448.01	448.22
AJ	1680+92.26	-10.71	448.02	448.19
AK	1681+02.26	-10.71	448.02	448.13
AL	1681+17.26	-10.71	448.00	448.00
℄ Brg. N. Abut.	1681+18.54	-10.71	448.00	448.00
℄ Exp. Jt.	1681+20.85	-10.71	448.00	448.00
Bk. N. Abut.				



DEAD LOAD DEFLECTION DIAGRAM - GIRDER 6
(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.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - TCG	REVISED -
		DRAWN - TCG	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JLR	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 3 OVER
TRRA & ST. CLAIR AVENUE

TOP OF SLAB ELEVATIONS
3 OF 5

SCALE: | SHEET NO. SB-6 OF SB-63 | STA. 1679+16.65 TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	198
	SN 082-0329	CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		