

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH FACE OF PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	174+16.64	-16.01	660.59	660.59
☉ Piles West Abut.	174+18.10	-16.01	660.59	660.59
A	174+28.11	-16.01	660.59	660.60
B	174+38.11	-16.01	660.60	660.60
☉ Pier No. 1	174+49.65	-16.00	660.60	660.60
C	174+59.65	-16.00	660.60	660.60
D	174+69.65	-16.00	660.59	660.60
E	174+79.65	-16.00	660.58	660.59
☉ Pier No. 2	174+91.65	-16.00	660.56	660.56
F	175+01.65	-16.01	660.54	660.54
G	175+11.65	-16.01	660.52	660.52
☉ Piles East Abut.	175+23.19	-16.01	660.49	660.49
Back of East Abut.	175+24.64	-16.01	660.48	660.48

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	174+14.24	-12.01	660.67	660.67
☉ Piles West Abut.	174+15.70	-12.01	660.67	660.67
A	174+25.71	-12.01	660.68	660.68
B	174+35.71	-12.01	660.68	660.69
☉ Pier No. 1	174+47.25	-12.00	660.68	660.68
C	174+57.25	-12.00	660.68	660.69
D	174+67.25	-12.00	660.67	660.69
E	174+77.25	-12.00	660.66	660.67
☉ Pier No. 2	174+89.25	-12.00	660.65	660.65
F	174+99.25	-12.01	660.63	660.63
G	175+09.25	-12.01	660.61	660.61
☉ Piles East Abut.	175+20.78	-12.01	660.58	660.58
Back of East Abut.	175+22.24	-12.01	660.57	660.57

☉ ROADWAY & PROFILE GRADE LINE (P.G.L.)

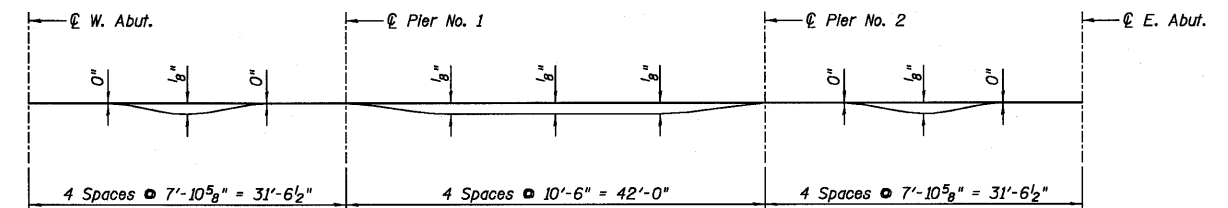
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	174+07.03	-0.01	660.84	660.84
☉ Piles West Abut.	174+08.49	-0.01	660.85	660.85
A	174+18.50	-0.01	660.86	660.86
B	174+28.50	-0.01	660.87	660.87
☉ Pier No. 1	174+40.04	0.00	660.87	660.87
C	174+50.04	0.00	660.87	660.88
D	174+60.04	0.00	660.87	660.88
E	174+70.04	0.00	660.86	660.87
☉ Pier No. 2	174+82.04	0.00	660.84	660.84
F	174+92.04	-0.01	660.83	660.83
G	175+02.04	-0.01	660.81	660.82
☉ Piles East Abut.	175+13.57	-0.01	660.78	660.78
Back of East Abut.	175+15.03	-0.01	660.78	660.78

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	173+99.82	11.99	660.65	660.65
☉ Piles West Abut.	174+01.28	11.99	660.65	660.65
A	174+11.29	11.99	660.66	660.67
B	174+21.29	11.99	660.67	660.68
☉ Pier No. 1	174+32.83	12.00	660.68	660.68
C	174+42.83	12.00	660.68	660.69
D	174+52.83	12.00	660.68	660.69
E	174+62.83	12.00	660.68	660.69
☉ Pier No. 2	174+74.83	12.00	660.67	660.67
F	174+84.83	11.99	660.65	660.66
G	174+94.83	11.99	660.64	660.64
☉ Piles East Abut.	175+06.36	11.99	660.61	660.61
Back of East Abut.	175+07.82	11.99	660.61	660.61

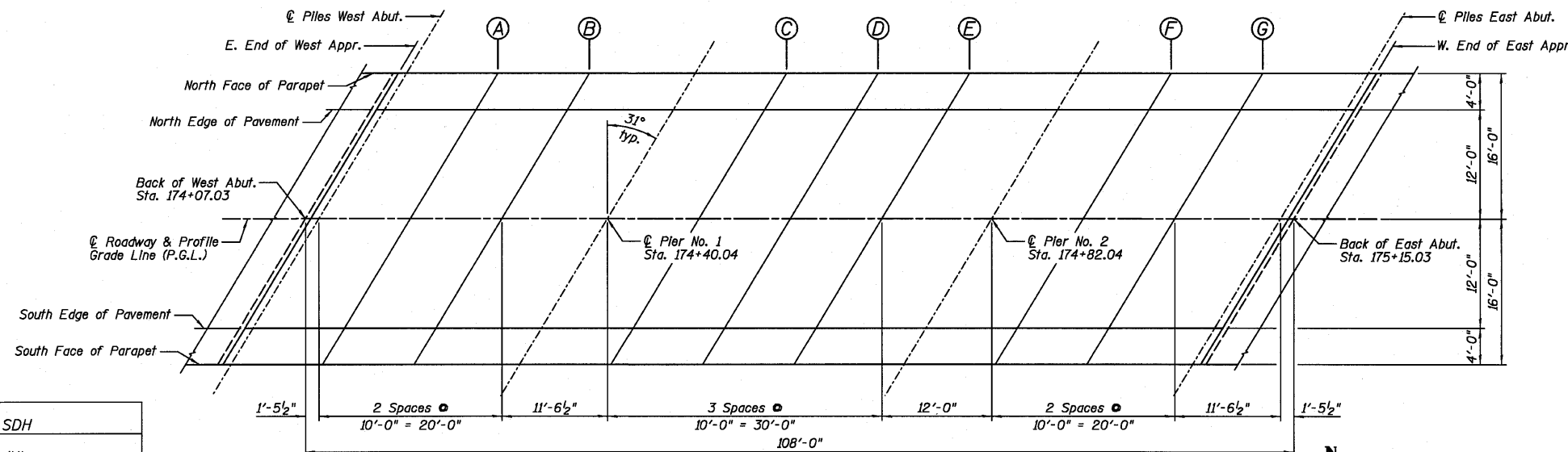
SOUTH FACE OF PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	173+97.42	15.99	660.56	660.56
☉ Piles West Abut.	173+98.87	15.99	660.56	660.56
A	174+08.88	15.99	660.58	660.58
B	174+18.88	15.99	660.59	660.59
☉ Pier No. 1	174+30.43	16.00	660.60	660.60
C	174+40.43	16.00	660.60	660.61
D	174+50.43	16.00	660.60	660.61
E	174+60.43	16.00	660.60	660.61
☉ Pier No. 2	174+72.43	16.00	660.59	660.59
F	174+82.43	15.99	660.57	660.58
G	174+92.43	15.99	660.56	660.56
☉ Piles East Abut.	175+03.96	15.99	660.53	660.53
Back of East Abut.	175+05.42	15.99	660.53	660.53



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection."



ELEVATION LOCATION PLAN

NOTE:

Offset dimensions are from the Roadway ☉. See offset sketch on Sheet E1 for additional information.

TOP OF SLAB ELEVATION
LOCATIONS AND ELEVATIONS
STRUCTURE NO. 027-0098

DESIGNED SDH
CHECKED JML
DRAWN JWK/DJM
CHECKED MSW

DATE 08/04/10

Farnsworth
GROUP, INC.
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

SHEET NO. E3

18 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	*	FORD/IROQUOIS	146	88
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 66880		

* 116 BR/L116 BR, (BR-2)BR, I & BR-3J

24-8271