

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.	141+00.99	-16.00	660.28	660.28
☉ Piles West Abut.	141+02.26	-16.00	660.28	660.28
A	141+12.26	-16.00	660.30	660.30
B	141+22.26	-16.00	660.31	660.31
☉ Pier No. 1	141+29.49	-16.00	660.32	660.32
C	141+39.49	-16.00	660.33	660.34
D	141+49.49	-16.00	660.34	660.35
E	141+59.49	-16.00	660.34	660.35
☉ Pier No. 2	141+66.49	-16.00	660.34	660.34
F	141+76.49	-16.00	660.34	660.35
G	141+86.49	-16.00	660.34	660.34
☉ Piles East Abut.	141+93.72	-16.00	660.34	660.34
Back of East Abut.	141+94.99	-16.00	660.33	660.33

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	141+00.28	-12.00	660.36	660.36
☉ Piles West Abut.	141+01.56	-12.00	660.36	660.36
A	141+11.56	-12.00	660.38	660.38
B	141+21.56	-12.00	660.39	660.40
☉ Pier No. 1	141+28.78	-12.00	660.40	660.40
C	141+38.78	-12.00	660.41	660.42
D	141+48.78	-12.00	660.42	660.43
E	141+58.78	-12.00	660.42	660.43
☉ Pier No. 2	141+65.78	-12.00	660.43	660.43
F	141+75.78	-12.00	660.43	660.43
G	141+85.78	-12.00	660.42	660.43
☉ Piles East Abut.	141+93.01	-12.00	660.42	660.42
Back of East Abut.	141+94.28	-12.00	660.42	660.42

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

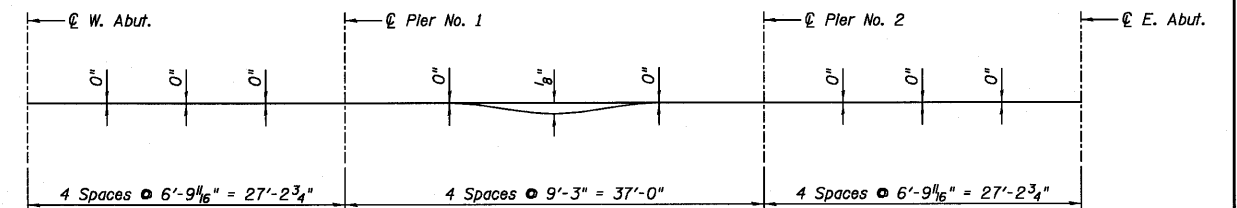
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	140+98.17	0.00	660.54	660.54
☉ Piles West Abut.	140+99.44	0.00	660.54	660.54
A	141+09.44	0.00	660.56	660.57
B	141+19.44	0.00	660.58	660.58
☉ Pier No. 1	141+26.67	0.00	660.59	660.59
C	141+36.67	0.00	660.60	660.61
D	141+46.67	0.00	660.61	660.62
E	141+56.67	0.00	660.61	660.62
☉ Pier No. 2	141+63.67	0.00	660.61	660.61
F	141+73.67	0.00	660.61	660.62
G	141+83.67	0.00	660.61	660.61
☉ Piles East Abut.	141+90.90	0.00	660.61	660.61
Back of East Abut.	141+92.17	0.00	660.61	660.61

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	140+96.05	12.00	660.35	660.35
☉ Piles West Abut.	140+97.32	12.00	660.35	660.35
A	141+07.32	12.00	660.37	660.38
B	141+17.32	12.00	660.39	660.39
☉ Pier No. 1	141+24.55	12.00	660.40	660.40
C	141+34.55	12.00	660.41	660.42
D	141+44.55	12.00	660.42	660.43
E	141+54.55	12.00	660.42	660.43
☉ Pier No. 2	141+61.55	12.00	660.43	660.43
F	141+71.55	12.00	660.43	660.43
G	141+81.55	12.00	660.42	660.43
☉ Piles East Abut.	141+88.78	12.00	660.42	660.42
Back of East Abut.	141+90.05	12.00	660.42	660.42

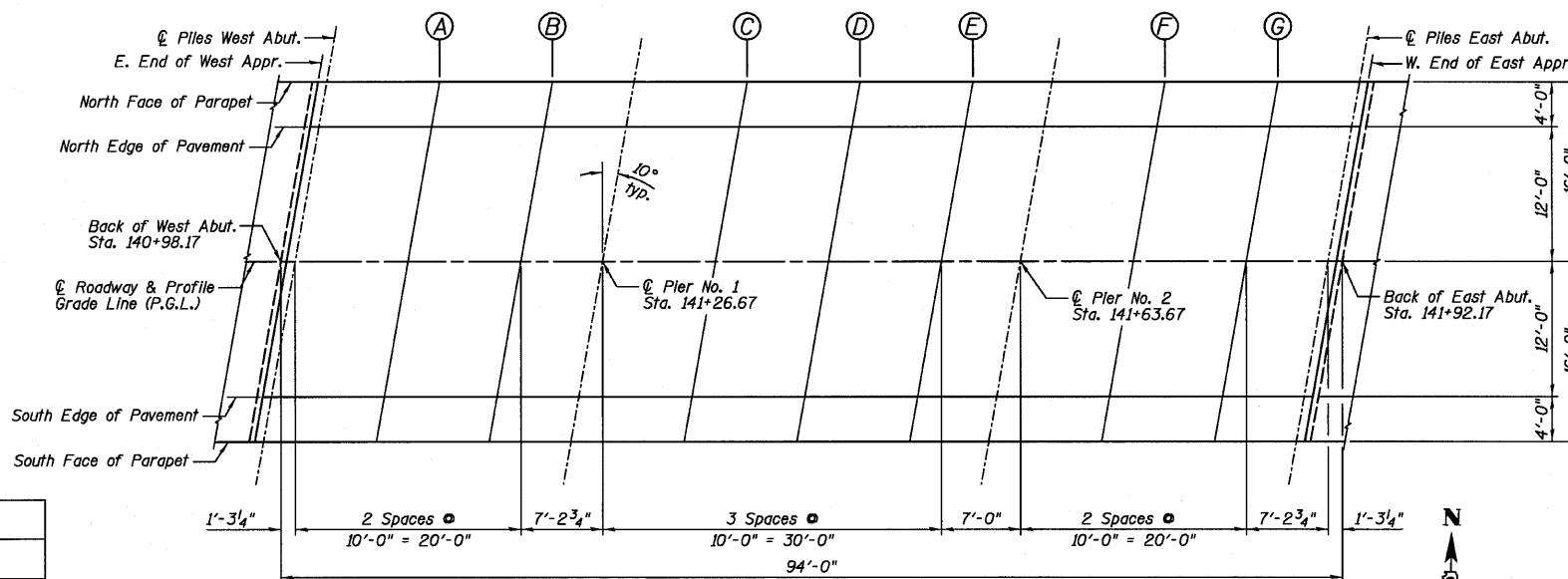
SOUTH FACE OF PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of West Abut.	140+95.35	16.00	660.27	660.27
☉ Piles West Abut.	140+96.62	16.00	660.27	660.27
A	141+06.62	16.00	660.29	660.29
B	141+16.62	16.00	660.30	660.31
☉ Pier No. 1	141+23.85	16.00	660.31	660.31
C	141+33.85	16.00	660.33	660.33
D	141+43.85	16.00	660.33	660.34
E	141+53.85	16.00	660.34	660.34
☉ Pier No. 2	141+60.85	16.00	660.34	660.34
F	141+70.85	16.00	660.34	660.35
G	141+80.85	16.00	660.34	660.35
☉ Piles East Abut.	141+88.08	16.00	660.34	660.34
Back of East Abut.	141+89.35	16.00	660.34	660.34



**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**

**TOP OF SLAB ELEVATION  
LOCATIONS AND ELEVATIONS  
STRUCTURE NO. 027-0100**

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. D3  
18 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	*	FORD/IROQUOIS	146	70
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 66880		

\* 116 BR/116 BR, (BR-2)BR, I & BR-31

24-8271