

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. Abut.	49+38.06	-18.542	823.71	823.71
☉ BRG. W. Abut.	49+41.25	-18.542	823.72	823.72
A	49+51.25	-18.542	823.76	823.83
B	49+61.25	-18.542	823.80	823.92
C	49+71.25	-18.542	823.84	824.00
D	49+81.25	-18.542	823.88	824.06
E	49+91.25	-18.542	823.92	824.09
F	50+01.25	-18.542	823.96	824.11
G	50+11.25	-18.542	823.99	824.10
H	50+21.25	-18.542	824.02	824.09
I	50+31.25	-18.542	824.05	824.08
☉ BRG. PIER 1	50+42.25	-18.542	824.08	824.08
J	50+52.25	-18.542	824.10	824.10
K	50+62.25	-18.542	824.12	824.13
L	50+72.25	-18.542	824.14	824.16
M	50+82.25	-18.542	824.16	824.20
N	50+92.25	-18.542	824.17	824.22
O	51+02.25	-18.542	824.18	824.23
P	51+12.25	-18.542	824.19	824.23
Q	51+22.25	-18.542	824.20	824.23
R	51+32.25	-18.542	824.21	824.21
☉ BRG. PIER 2	51+43.25	-18.542	824.21	824.21
S	51+53.25	-18.542	824.21	824.22
T	51+63.25	-18.542	824.21	824.23
U	51+73.25	-18.542	824.20	824.24
V	51+83.25	-18.542	824.20	824.25
W	51+93.25	-18.542	824.19	824.24
X	52+03.25	-18.542	824.18	824.22
Y	52+13.25	-18.542	824.16	824.19
Z	52+23.25	-18.542	824.15	824.15
A1	52+33.25	-18.542	824.13	824.13
☉ BRG. PIER 3	52+44.25	-18.542	824.11	824.11
B1	52+54.25	-18.542	824.09	824.11
C1	52+64.25	-18.542	824.06	824.13
D1	52+74.25	-18.542	824.03	824.15
E1	52+84.25	-18.542	824.00	824.15
F1	52+94.25	-18.542	823.97	824.14
G1	53+04.25	-18.542	823.94	824.11
H1	53+14.25	-18.542	823.90	824.06
I1	53+24.25	-18.542	823.86	823.98
J1	53+34.25	-18.542	823.82	823.89
☉ BRG. E. Abut.	53+45.25	-18.542	823.78	823.78
BK. E. Abut.	53+48.44	-18.542	823.76	823.76

**GIRDER 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. Abut.	49+40.76	-11.125	823.86	823.86
☉ BRG. W. Abut.	49+43.95	-11.125	823.88	823.88
A	49+53.95	-11.125	823.92	823.98
B	49+63.95	-11.125	823.96	824.08
C	49+73.95	-11.125	824.00	824.15
D	49+83.95	-11.125	824.04	824.21
E	49+93.95	-11.125	824.08	824.25
F	50+03.95	-11.125	824.11	824.26
G	50+13.95	-11.125	824.14	824.25
H	50+23.95	-11.125	824.17	824.24
I	50+33.95	-11.125	824.20	824.23
☉ BRG. PIER 1	50+44.95	-11.125	824.23	824.23
J	50+54.95	-11.125	824.25	824.25
K	50+64.95	-11.125	824.27	824.28
L	50+74.95	-11.125	824.29	824.31
M	50+84.95	-11.125	824.30	824.34
N	50+94.95	-11.125	824.32	824.37
O	51+04.95	-11.125	824.33	824.38
P	51+14.95	-11.125	824.34	824.38
Q	51+24.95	-11.125	824.35	824.37
R	51+34.95	-11.125	824.35	824.36
☉ BRG. PIER 2	51+45.95	-11.125	824.35	824.35
S	51+55.95	-11.125	824.35	824.36
T	51+65.95	-11.125	824.35	824.38
U	51+75.95	-11.125	824.35	824.39
V	51+85.95	-11.125	824.34	824.39
W	51+95.95	-11.125	824.33	824.38
X	52+05.95	-11.125	824.32	824.36
Y	52+15.95	-11.125	824.30	824.33
Z	52+25.95	-11.125	824.29	824.29
A1	52+35.95	-11.125	824.27	824.27
☉ BRG. PIER 3	52+46.95	-11.125	824.25	824.25
B1	52+56.95	-11.125	824.22	824.25
C1	52+66.95	-11.125	824.20	824.27
D1	52+76.95	-11.125	824.17	824.28
E1	52+86.95	-11.125	824.14	824.29
F1	52+96.95	-11.125	824.11	824.28
G1	53+06.95	-11.125	824.07	824.25
H1	53+16.95	-11.125	824.04	824.19
I1	53+26.95	-11.125	824.00	824.11
J1	53+36.95	-11.125	823.95	824.02
☉ BRG. E. Abut.	53+47.95	-11.125	823.91	823.91
BK. E. Abut.	53+51.14	-11.125	823.90	823.90

**GIRDER 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. Abut.	49+43.46	-3.708	823.99	823.99
☉ BRG. W. Abut.	49+46.65	-3.708	824.00	824.00
A	49+56.65	-3.708	824.04	824.10
B	49+66.65	-3.708	824.08	824.20
C	49+76.65	-3.708	824.12	824.28
D	49+86.65	-3.708	824.16	824.33
E	49+96.65	-3.708	824.20	824.37
F	50+06.65	-3.708	824.23	824.38
G	50+16.65	-3.708	824.26	824.37
H	50+26.65	-3.708	824.29	824.36
I	50+36.65	-3.708	824.32	824.35
☉ BRG. PIER 1	50+47.65	-3.708	824.34	824.34
J	50+57.65	-3.708	824.37	824.36
K	50+67.65	-3.708	824.39	824.39
L	50+77.65	-3.708	824.40	824.43
M	50+87.65	-3.708	824.42	824.46
N	50+97.65	-3.708	824.43	824.48
O	51+07.65	-3.708	824.44	824.49
P	51+17.65	-3.708	824.45	824.49
Q	51+27.65	-3.708	824.46	824.48
R	51+37.65	-3.708	824.46	824.47
☉ BRG. PIER 2	51+48.65	-3.708	824.46	824.46
S	51+58.65	-3.708	824.46	824.47
T	51+68.65	-3.708	824.46	824.49
U	51+78.65	-3.708	824.46	824.50
V	51+88.65	-3.708	824.45	824.50
W	51+98.65	-3.708	824.44	824.49
X	52+08.65	-3.708	824.43	824.46
Y	52+18.65	-3.708	824.41	824.43
Z	52+28.65	-3.708	824.39	824.40
A1	52+38.65	-3.708	824.37	824.37
☉ BRG. PIER 3	52+49.65	-3.708	824.35	824.35
B1	52+59.65	-3.708	824.33	824.36
C1	52+69.65	-3.708	824.30	824.37
D1	52+79.65	-3.708	824.27	824.38
E1	52+89.65	-3.708	824.24	824.39
F1	52+99.65	-3.708	824.21	824.38
G1	53+09.65	-3.708	824.17	824.35
H1	53+19.65	-3.708	824.14	824.29
I1	53+29.65	-3.708	824.10	824.22
J1	53+39.65	-3.708	824.05	824.12
☉ BRG. E. Abut.	53+50.65	-3.708	824.01	824.01
BK. E. Abut.	53+53.84	-3.708	824.00	824.00

**CENTERLINE & P.G.L.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. Abut.	49+44.81	0.000	824.05	824.05
☉ BRG. W. Abut.	49+48.00	0.000	824.06	824.06
A	49+58.00	0.000	824.10	824.17
B	49+68.00	0.000	824.14	824.26
C	49+78.00	0.000	824.18	824.34
D	49+88.00	0.000	824.22	824.40
E	49+98.00	0.000	824.26	824.43
F	50+08.00	0.000	824.29	824.44
G	50+18.00	0.000	824.32	824.43
H	50+28.00	0.000	824.35	824.42
I	50+38.00	0.000	824.38	824.41
☉ BRG. PIER 1	50+49.00	0.000	824.40	824.40
J	50+59.00	0.000	824.43	824.42
K	50+69.00	0.000	824.45	824.45
L	50+79.00	0.000	824.46	824.49
M	50+89.00	0.000	824.48	824.52
N	50+99.00	0.000	824.49	824.54
O	51+09.00	0.000	824.50	824.55
P	51+19.00	0.000	824.51	824.55
Q	51+29.00	0.000	824.52	824.54
R	51+39.00	0.000	824.52	824.53
☉ BRG. PIER 2	51+50.00	0.000	824.52	824.52
S	51+60.00	0.000	824.52	824.53
T	51+70.00	0.000	824.52	824.54
U	51+80.00	0.000	824.51	824.55
V	51+90.00	0.000	824.50	824.55
W	52+00.00	0.000	824.49	824.54
X	52+10.00	0.000	824.48	824.52
Y	52+20.00	0.000	824.46	824.49
Z	52+30.00	0.000	824.45	824.45
A1	52+40.00	0.000	824.43	824.42
☉ BRG. PIER 3	52+51.00	0.000	824.40	824.40
B1	52+61.00	0.000	824.38	824.41
C1	52+71.00	0.000	824.35	824.42
D1	52+81.00	0.000	824.32	824.44
E1	52+91.00	0.000	824.29	824.44
F1	53+01.00	0.000	824.26	824.43
G1	53+11.00	0.000	824.22	824.40
H1	53+21.00	0.000	824.19	824.34
I1	53+31.00	0.000	824.15	824.27
J1	53+41.00	0.000	824.10	824.17
☉ BRG. E. Abut.	53+52.00	0.000	824.06	824.06
BK. E. Abut.	53+55.19	0.000	824.05	824.05

DESIGNED	S.S.T.
CHECKED	S.D.H.
DRAWN	E.B.
CHECKED	S.S.T.

TOP OF DECK SLAB ELEVATIONS  
(2 OF 3)  
IL Route 176 over  
South Branch of the Kishwaukee River  
F.A.P. RTE 533, SECTION 119R-1-B  
McHENRY COUNTY  
STATION 51+50.00  
DATE: 08-17-07 S.N. 056-0071  
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC  
CHICAGO ILLINOIS