

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 3

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+30.50	-7.46	809.74	809.76
⊕ Brg. N. Abut.	643+31.94	-7.44	809.72	809.74
C	643+41.93	-7.29	809.62	809.65
D	643+51.93	-7.15	809.52	809.54
E	643+61.92	-7.02	809.42	809.43
F	643+71.91	-6.89	809.32	809.32
⊕ Pier 1	643+84.46	-6.75	809.19	809.21
G	643+94.45	-6.65	809.08	809.14
H	644+04.45	-6.55	808.97	809.09
I	644+14.44	-6.46	808.87	809.03
J	644+24.44	-6.38	808.76	808.95
K	644+34.43	-6.31	808.65	808.84
L	644+44.41	-6.26	808.54	808.71
M	644+54.39	-6.25	808.43	808.56
N	644+64.37	-6.27	808.32	808.40
⊕ Pier 2	644+76.34	-6.34	808.19	808.21
O	644+86.32	-6.44	808.08	808.09
P	644+96.29	-6.57	807.97	807.98
Q	645+06.27	-6.74	807.86	807.88
R	645+16.24	-6.94	807.75	807.77
⊕ Brg. S. Abut.	645+28.76	-7.24	807.61	807.63
Bk. S. Abut.	645+30.20	-7.28	807.59	807.61

STAGE CONSTRUCTION LINE

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+32.32	-4.19	809.65	809.67
⊕ Brg. N. Abut.	643+33.77	-4.16	809.64	809.66
C	643+43.76	-4.01	809.54	809.56
D	643+53.76	-3.87	809.44	809.46
E	643+63.75	-3.74	809.33	809.35
F	643+73.75	-3.62	809.23	809.24
⊕ Pier 1	643+86.30	-3.48	809.10	809.12
G	643+96.30	-3.38	809.00	809.06
H	644+06.29	-3.28	808.89	809.00
I	644+16.29	-3.20	808.78	808.94
J	644+26.29	-3.12	808.68	808.86
K	644+36.28	-3.05	808.57	808.76
L	644+46.27	-3.01	808.46	808.63
M	644+56.26	-3.00	808.35	808.47
N	644+66.25	-3.03	808.24	808.31
⊕ Pier 2	644+78.24	-3.11	808.11	808.13
O	644+88.23	-3.21	808.00	808.00
P	644+98.21	-3.35	807.88	807.90
Q	645+08.20	-3.52	807.77	807.79
R	645+18.19	-3.73	807.66	807.69
⊕ Brg. S. Abut.	645+30.72	-4.04	807.52	807.54
Bk. S. Abut.	645+32.16	-4.08	807.50	807.52

CENTERLINE ROADWAY & P.G.

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+34.65	0.00	809.55	809.57
⊕ Brg. N. Abut.	643+36.09	0.00	809.53	809.55
C	643+46.00	0.00	809.44	809.46
D	643+55.92	0.00	809.34	809.36
E	643+65.85	0.00	809.24	809.25
F	643+75.78	0.00	809.14	809.15
⊕ Pier 1	643+88.26	0.00	809.01	809.03
G	643+98.20	0.00	808.91	808.97
H	644+08.15	0.00	808.80	808.92
I	644+18.10	0.00	808.70	808.86
J	644+28.06	0.00	808.59	808.78
K	644+38.02	0.00	808.49	808.68
L	644+48.00	0.00	808.38	808.55
M	644+58.00	0.00	808.27	808.39
N	644+68.02	0.00	808.16	808.23
⊕ Pier 2	644+80.07	0.00	808.02	808.04
O	644+90.13	0.00	807.91	807.92
P	645+00.22	0.00	807.79	807.81
Q	645+10.33	0.00	807.68	807.70
R	645+20.45	0.00	807.56	807.58
⊕ Brg. S. Abut.	645+33.20	0.00	807.41	807.43
Bk. S. Abut.	645+34.67	0.00	807.39	807.41

BEAM 4

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+34.99	0.61	809.53	809.55
⊕ Brg. N. Abut.	643+36.44	0.63	809.52	809.54
C	643+46.43	0.77	809.42	809.44
D	643+56.43	0.91	809.31	809.34
E	643+66.43	1.04	809.21	809.23
F	643+76.44	1.16	809.11	809.12
⊕ Pier 1	643+88.99	1.30	808.98	809.00
G	643+98.99	1.40	808.87	808.93
H	644+08.99	1.49	808.77	808.88
I	644+18.99	1.57	808.66	808.82
J	644+29.00	1.65	808.55	808.74
K	644+39.00	1.71	808.44	808.63
L	644+49.00	1.75	808.33	808.50
M	644+59.01	1.74	808.22	808.35
N	644+69.02	1.71	808.11	808.18
⊕ Pier 2	644+81.02	1.62	807.98	808.00
O	644+91.03	1.51	807.87	807.88
P	645+01.03	1.36	807.76	807.77
Q	645+11.04	1.17	807.65	807.67
R	645+21.04	0.96	807.53	807.56
⊕ Brg. S. Abut.	645+33.59	0.63	807.39	807.41
Bk. S. Abut.	645+35.04	0.59	807.38	807.40

BEAM 5


Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+39.49	8.67	809.33	809.35
⊕ Brg. N. Abut.	643+40.94	8.70	809.31	809.33
C	643+50.94	8.84	809.21	809.23
D	643+60.95	8.97	809.11	809.13
E	643+70.96	9.10	809.01	809.02
F	643+80.96	9.21	808.90	808.91
⊕ Pier 1	643+93.53	9.35	808.77	808.79
G	644+03.54	9.44	808.66	808.73
H	644+13.55	9.53	808.56	808.67
I	644+23.55	9.61	808.45	808.61
J	644+33.56	9.68	808.34	808.53
K	644+43.59	9.73	808.23	808.42
L	644+53.63	9.75	808.12	808.29
M	644+63.66	9.73	808.01	808.14
N	644+73.69	9.68	807.90	807.97
⊕ Pier 2	644+85.73	9.57	807.77	807.79
O	644+95.77	9.44	807.66	807.66
P	645+05.80	9.28	807.54	807.56
Q	645+15.83	9.08	807.43	807.45
R	645+25.86	8.84	807.32	807.34
⊕ Brg. S. Abut.	645+38.45	8.49	807.18	807.20
Bk. S. Abut.	645+39.89	8.45	807.16	807.18

BEAM 6

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. N. Abut.	643+44.00	16.74	809.12	809.14
⊕ Brg. N. Abut.	643+45.44	16.76	809.11	809.13
C	643+55.46	16.90	809.00	809.03
D	643+65.47	17.03	808.90	808.92
E	643+75.49	17.15	808.80	808.81
F	643+85.50	17.26	808.69	808.70
⊕ Pier 1	643+98.08	17.39	808.56	808.58
G	644+08.09	17.48	808.46	808.52
H	644+18.11	17.57	808.35	808.46
I	644+28.12	17.64	808.24	808.40
J	644+38.15	17.71	808.13	808.32
K	644+48.21	17.74	808.02	808.21
L	644+58.27	17.75	807.91	808.08
M	644+68.34	17.71	807.80	807.92
N	644+78.40	17.64	807.69	807.76
⊕ Pier 2	644+90.47	17.51	807.56	807.58
O	645+00.53	17.37	807.44	807.45
P	645+10.59	17.19	807.33	807.34
Q	645+20.65	16.97	807.22	807.24
R	645+30.71	16.72	807.11	807.13
⊕ Brg. S. Abut.	645+43.33	16.35	806.96	806.98
Bk. S. Abut.	645+44.78	16.30	806.95	806.97

**TOP OF SLAB ELEVATIONS-2
STRUCTURE NO. 057-0249**

Note:
Offsets measured from roadway ⊕.

	SHEET NO. 7	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26 SHEETS	55	(57-7HB-2)BR	MCLEAN	153	84
				CONTRACT NO. 70520		
				ILLINOIS FED. AID PROJECT		

Designed By: TBP
Checked By: MTH
Date: April, 2010
File: 057-0249.dgn