

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+25.09	-9.88	394.69	394.69
☉ Brg. W. Abut.	52+29.92	-9.88	394.71	394.71
C	52+39.92	-9.88	394.74	394.75
D	52+49.92	-9.88	394.78	394.79
E	52+59.92	-9.88	394.81	394.82
☉ W. Brg. Pier 1	52+68.75	-9.88	394.84	394.84
☉ Pier 1	52+69.75	-9.88	394.84	394.84
☉ E. Brg. Pier 1	52+70.75	-9.88	394.85	394.85
F	52+80.75	-9.88	394.88	394.89
G	52+90.75	-9.88	394.91	394.93
H	53+00.75	-9.88	394.95	394.96
☉ W. Brg. Pier 2	53+09.50	-9.88	394.98	394.98
☉ Pier 2	53+10.50	-9.88	394.98	394.98
☉ E. Brg. Pier 2	53+11.50	-9.88	394.98	394.98
I	53+21.50	-9.88	395.02	395.03
J	53+31.50	-9.88	395.05	395.06
K	53+41.50	-9.88	395.08	395.09
☉ Brg. E. Abut.	53+50.33	-9.88	395.11	395.11
Bk. E. Abut.	53+55.17	-9.88	395.13	395.13

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+31.67	-3.29	394.82	394.82
☉ Brg. W. Abut.	52+36.50	-3.29	394.84	394.84
C	52+46.50	-3.29	394.87	394.88
D	52+56.50	-3.29	394.90	394.92
E	52+66.50	-3.29	394.94	394.94
☉ W. Brg. Pier 1	52+75.33	-3.29	394.97	394.97
☉ Pier 1	52+76.33	-3.29	394.97	394.97
☉ E. Brg. Pier 1	52+77.33	-3.29	394.97	394.97
F	52+87.33	-3.29	395.01	395.02
G	52+97.33	-3.29	395.04	395.05
H	53+07.33	-3.29	395.07	395.08
☉ W. Brg. Pier 2	53+16.08	-3.29	395.10	395.10
☉ Pier 2	53+17.08	-3.29	395.11	395.11
☉ E. Brg. Pier 2	53+18.08	-3.29	395.11	395.11
I	53+28.08	-3.29	395.14	395.15
J	53+38.08	-3.29	395.18	395.19
K	53+48.08	-3.29	395.21	395.22
☉ Brg. E. Abut.	53+56.92	-3.29	395.24	395.24
Bk. E. Abut.	53+61.75	-3.29	395.26	395.26

☉ ROADWAY & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+34.96	0.00	394.88	394.88
☉ Brg. W. Abut.	52+39.79	0.00	394.90	394.90
C	52+49.79	0.00	394.93	394.94
D	52+59.79	0.00	394.97	394.98
E	52+69.79	0.00	395.00	395.01
☉ W. Brg. Pier 1	52+78.63	0.00	395.03	395.03
☉ Pier 1	52+79.63	0.00	395.03	395.03
☉ E. Brg. Pier 1	52+80.63	0.00	395.04	395.04
F	52+90.63	0.00	395.07	395.08
G	53+00.63	0.00	395.10	395.12
H	53+10.63	0.00	395.14	395.15
☉ W. Brg. Pier 2	53+19.38	0.00	395.16	395.16
☉ Pier 2	53+20.38	0.00	395.17	395.17
☉ E. Brg. Pier 2	53+21.38	0.00	395.17	395.17
I	53+31.38	0.00	395.21	395.21
J	53+41.38	0.00	395.24	395.25
K	53+51.38	0.00	395.27	395.28
☉ Brg. E. Abut.	53+60.21	0.00	395.30	395.30
Bk. E. Abut.	53+65.04	0.00	395.32	395.32

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+38.25	3.29	394.84	394.84
☉ Brg. W. Abut.	52+43.08	3.29	394.86	394.86
C	52+53.08	3.29	394.89	394.90
D	52+63.08	3.29	394.92	394.94
E	52+73.08	3.29	394.96	394.97
☉ W. Brg. Pier 1	52+81.92	3.29	394.99	394.99
☉ Pier 1	52+82.92	3.29	394.99	394.99
☉ E. Brg. Pier 1	52+83.92	3.29	394.99	394.99
F	52+93.92	3.29	395.03	395.04
G	53+03.92	3.29	395.06	395.08
H	53+13.92	3.29	395.10	395.10
☉ W. Brg. Pier 2	53+22.67	3.29	395.12	395.12
☉ Pier 2	53+23.67	3.29	395.13	395.13
☉ E. Brg. Pier 2	53+24.67	3.29	395.13	395.13
I	53+34.67	3.29	395.16	395.17
J	53+44.67	3.29	395.20	395.21
K	53+54.67	3.29	395.23	395.24
☉ Brg. E. Abut.	53+63.50	3.29	395.26	395.26
Bk. E. Abut.	53+68.33	3.29	395.28	395.28

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+44.83	9.88	394.76	394.76
☉ Brg. W. Abut.	52+49.67	9.88	394.78	394.78
C	52+59.67	9.88	394.81	394.82
D	52+69.67	9.88	394.84	394.86
E	52+79.67	9.88	394.88	394.89
☉ W. Brg. Pier 1	52+88.50	9.88	394.91	394.91
☉ Pier 1	52+89.50	9.88	394.91	394.91
☉ E. Brg. Pier 1	52+90.50	9.88	394.91	394.91
F	53+00.50	9.88	394.95	394.96
G	53+10.50	9.88	394.98	395.00
H	53+20.50	9.88	395.01	395.02
☉ W. Brg. Pier 2	53+29.25	9.88	395.04	395.04
☉ Pier 2	53+30.25	9.88	395.05	395.05
☉ E. Brg. Pier 2	53+31.25	9.88	395.05	395.05
I	53+41.25	9.88	395.08	395.09
J	53+51.25	9.88	395.12	395.13
K	53+61.25	9.88	395.15	395.16
☉ Brg. E. Abut.	53+70.08	9.88	395.18	395.18
Bk. E. Abut.	53+74.91	9.88	395.20	395.20

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	52+51.42	16.46	394.66	394.66
☉ Brg. W. Abut.	52+56.25	16.46	394.67	394.67
C	52+66.25	16.46	394.71	394.72
D	52+76.25	16.46	394.74	394.75
E	52+86.25	16.46	394.77	394.78
☉ W. Brg. Pier 1	52+95.08	16.46	394.80	394.80
☉ Pier 1	52+96.08	16.46	394.81	394.81
☉ E. Brg. Pier 1	52+97.08	16.46	394.81	394.81
F	53+07.08	16.46	394.84	394.85
G	53+17.08	16.46	394.88	394.89
H	53+27.08	16.46	394.91	394.92
☉ W. Brg. Pier 2	53+35.83	16.46	394.94	394.94
☉ Pier 2	53+36.83	16.46	394.94	394.94
☉ E. Brg. Pier 2	53+37.83	16.46	394.95	394.95
I	53+47.83	16.46	394.98	394.99
J	53+57.83	16.46	395.01	395.03
K	53+67.83	16.46	395.05	395.06
☉ Brg. E. Abut.	53+76.67	16.46	395.08	395.08
Bk. E. Abut.	53+81.50	16.46	395.09	395.09

DESIGNED - MARK D. SHAFFER
 CHECKED - STEPHEN M. RYAN
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - F.T. / G.R.A.

EXAMINED
 PASSED

DATE - JANUARY 24, 2014

REVISOR

REVISOR

James F. Joffe
 ACTING ENGINEER OF BRIDGE DESIGN

Carl Berger
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
 STRUCTURE NO. 100 - 0081

SHEET NO. 4 OF 26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9588	39B-2	WILLIAMSON	224	97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78277	