

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+54.41	22.97	806.77	806.77
☉ Brg. N. Abut.	1629+57.46	22.95	806.78	806.78
A	1629+67.44	22.90	806.80	806.82
B	1629+77.42	22.85	806.83	806.84
C	1629+87.40	22.81	806.85	806.86
☉ Pier 1	1629+98.80	22.78	806.87	806.87
D	1630+08.78	22.76	806.89	806.90
E	1630+18.76	22.75	806.91	806.93
F	1630+28.74	22.75	806.94	806.95
G	1630+38.72	22.75	806.96	806.96
☉ Pier 2	1630+47.21	22.76	806.97	806.97
H	1630+57.19	22.78	807.00	807.00
I	1630+67.17	22.81	807.02	807.03
J	1630+77.15	22.85	807.04	807.05
☉ Brg. S. Abut.	1630+88.55	22.90	807.06	807.06
Bk. S. Abut.	1630+91.59	22.91	807.07	807.07

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+55.12	16.38	806.91	806.91
☉ Brg. N. Abut.	1629+58.16	16.36	806.92	806.92
A	1629+68.15	16.31	806.94	806.96
B	1629+78.14	16.26	806.96	806.98
C	1629+88.12	16.23	806.99	807.00
☉ Pier 1	1629+99.53	16.20	807.01	807.01
D	1630+09.51	16.18	807.03	807.04
E	1630+19.50	16.17	807.05	807.07
F	1630+29.49	16.17	807.07	807.09
G	1630+39.47	16.17	807.10	807.10
☉ Pier 2	1630+47.96	16.18	807.11	807.11
H	1630+57.95	16.20	807.13	807.14
I	1630+67.94	16.23	807.15	807.17
J	1630+77.92	16.27	807.17	807.19
☉ Brg. S. Abut.	1630+89.32	16.32	807.20	807.20
Bk. S. Abut.	1630+92.37	16.34	807.20	807.20

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+55.82	9.79	807.04	807.04
☉ Brg. N. Abut.	1629+58.87	9.77	807.05	807.05
A	1629+68.86	9.72	807.07	807.08
B	1629+78.86	9.68	807.09	807.11
C	1629+88.85	9.64	807.11	807.12
☉ Pier 1	1630+00.26	9.61	807.14	807.14
D	1630+10.25	9.59	807.16	807.16
E	1630+20.24	9.58	807.18	807.19
F	1630+30.23	9.58	807.20	807.21
G	1630+40.22	9.59	807.22	807.23
☉ Pier 2	1630+48.72	9.60	807.24	807.24
H	1630+58.71	9.62	807.26	807.27
I	1630+68.70	9.65	807.28	807.30
J	1630+78.69	9.69	807.30	807.32
☉ Brg. S. Abut.	1630+90.10	9.74	807.32	807.32
Bk. S. Abut.	1630+93.15	9.76	807.33	807.33

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+56.53	3.21	807.14	807.14
☉ Brg. N. Abut.	1629+59.58	3.19	807.15	807.15
A	1629+69.58	3.14	807.17	807.19
B	1629+79.57	3.09	807.20	807.21
C	1629+89.57	3.06	807.22	807.23
☉ Pier 1	1630+00.99	3.03	807.24	807.24
D	1630+10.98	3.01	807.26	807.27
E	1630+20.98	3.00	807.28	807.30
F	1630+30.98	3.00	807.30	807.32
G	1630+40.98	3.01	807.33	807.33
☉ Pier 2	1630+49.47	3.02	807.34	807.34
H	1630+59.47	3.04	807.36	807.37
I	1630+69.47	3.07	807.39	807.40
J	1630+79.47	3.11	807.41	807.42
☉ Brg. S. Abut.	1630+90.88	3.16	807.43	807.43
Bk. S. Abut.	1630+93.93	3.18	807.44	807.44

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+56.74	1.20	807.18	807.18
☉ Brg. N. Abut.	1629+59.80	1.19	807.18	807.18
A	1629+69.79	1.14	807.21	807.22
B	1629+79.79	1.09	807.23	807.24
C	1629+89.79	1.06	807.25	807.26
☉ Pier 1	1630+01.21	1.03	807.27	807.27
D	1630+11.21	1.01	807.29	807.30
E	1630+21.21	1.00	807.32	807.33
F	1630+31.21	1.00	807.34	807.35
G	1630+41.20	1.01	807.36	807.36
☉ Pier 2	1630+49.70	1.02	807.38	807.38
H	1630+59.70	1.04	807.40	807.41
I	1630+69.70	1.07	807.42	807.43
J	1630+79.70	1.11	807.44	807.45
☉ Brg. S. Abut.	1630+91.12	1.16	807.46	807.46
Bk. S. Abut.	1630+94.17	1.18	807.47	807.47

**☉ ROADWAY & LOC. TAN. TO
☉ F.A.I. 74 (S.B.) AT STA. 1630+27.65**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	1629+56.85	0.20	807.19	807.19
☉ Brg. N. Abut.	1629+59.90	0.19	807.20	807.20
A	1629+69.90	0.13	807.22	807.23
B	1629+79.90	0.09	807.24	807.26
C	1629+89.90	0.06	807.26	807.27
☉ Pier 1	1630+01.32	0.03	807.29	807.29
D	1630+11.32	0.01	807.31	807.32
E	1630+21.32	0.00	807.33	807.34
F	1630+31.32	0.00	807.35	807.36
G	1630+41.32	0.01	807.37	807.38
☉ Pier 2	1630+49.82	0.02	807.39	807.39
H	1630+59.82	0.04	807.41	807.42
I	1630+69.82	0.07	807.43	807.45
J	1630+79.82	0.11	807.45	807.47
☉ Brg. S. Abut.	1630+91.24	0.16	807.48	807.48
Bk. S. Abut.	1630+94.29	0.18	807.48	807.48

DESIGNED Nicholas R. Barnett
 CHECKED Michael D. Rolape
 DRAWN Michael B. Mossman
 CHECKED N.R.B./M.D.R./G.R.A.

September 29, 2009
 EXAMINED Thomas J. Demagala
 PASSED Ralph E. Anderson
ENGINEER OF BRIDGE DESIGN
 ENGINEER OF BRIDGES AND STRUCTURES

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 037-0017 (S.B.)**

SHEET NO. 6	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	74	37-4HB-1	HENRY	148	12
27 SHEETS	CONTRACT NO. 64264			ILLINOIS FED. AID PROJECT	