

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM #1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+62.19	-14.58	717.40	717.42
☉ Brg. W. Abut.	1892+66.73	-14.58	717.42	717.44
A	1892+76.73	-14.58	717.45	717.50
B	1892+86.73	-14.58	717.47	717.53
C	1892+96.73	-14.58	717.49	717.54
D	1893+06.73	-14.58	717.49	717.53
☉ Brg. & ☉ Pier 1	1893+12.23	-14.58	717.49	717.51
E	1893+22.23	-14.58	717.49	717.50
F	1893+32.23	-14.58	717.47	717.49
G	1893+42.23	-14.58	717.44	717.48
☉ Brg. & ☉ Pier 2	1893+48.23	-14.58	717.42	717.48
H	1893+58.23	-14.58	717.38	717.44
I	1893+68.23	-14.58	717.33	717.37
J	1893+78.23	-14.58	717.27	717.29
K	1893+88.23	-14.58	717.21	717.23
☉ Brg. E. Abut.	1893+93.73	-14.58	717.16	717.19
Bk. E. Abut.	1893+98.27	-14.58	717.13	717.15

**BEAM #2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+56.36	-8.75	717.47	717.49
☉ Brg. W. Abut.	1892+60.90	-8.75	717.49	717.51
A	1892+70.90	-8.75	717.53	717.58
B	1892+80.90	-8.75	717.56	717.62
C	1892+90.90	-8.75	717.58	717.63
D	1893+00.90	-8.75	717.59	717.62
☉ Brg. & ☉ Pier 1	1893+06.40	-8.75	717.59	717.61
E	1893+16.40	-8.75	717.59	717.61
F	1893+26.40	-8.75	717.58	717.59
G	1893+36.40	-8.75	717.56	717.58
☉ Brg. & ☉ Pier 2	1893+42.40	-8.75	717.54	717.56
H	1893+52.40	-8.75	717.51	717.55
I	1893+62.40	-8.75	717.46	717.52
J	1893+72.40	-8.75	717.41	717.46
K	1893+82.40	-8.75	717.35	717.38
☉ Brg. E. Abut.	1893+87.90	-8.75	717.31	717.33
Bk. E. Abut.	1893+92.44	-8.75	717.27	717.29

**BEAM #3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+50.53	-2.92	717.53	717.55
☉ Brg. W. Abut.	1892+55.07	-2.92	717.56	717.58
A	1892+65.07	-2.92	717.60	717.65
B	1892+75.07	-2.92	717.63	717.69
C	1892+85.07	-2.92	717.66	717.71
D	1892+95.07	-2.92	717.68	717.71
☉ Brg. & ☉ Pier 1	1893+00.57	-2.92	717.68	717.70
E	1893+10.57	-2.92	717.68	717.70
F	1893+20.57	-2.92	717.68	717.69
G	1893+30.57	-2.92	717.66	717.68
☉ Brg. & ☉ Pier 2	1893+36.57	-2.92	717.65	717.67
H	1893+46.57	-2.92	717.62	717.66
I	1893+56.57	-2.92	717.58	717.64
J	1893+66.57	-2.92	717.53	717.59
K	1893+76.57	-2.92	717.47	717.51
☉ Brg. E. Abut.	1893+82.07	-2.92	717.44	717.46
Bk. E. Abut.	1893+86.61	-2.92	717.41	717.43

**☉ ROADWAY, P.G. AND LONGITUDINAL BONDED CONST. JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+47.61	0.00	717.56	717.58
☉ Brg. W. Abut.	1892+52.15	0.00	717.59	717.61
A	1892+62.15	0.00	717.63	717.68
B	1892+72.15	0.00	717.67	717.73
C	1892+82.15	0.00	717.70	717.75
D	1892+92.15	0.00	717.72	717.75
☉ Brg. & ☉ Pier 1	1892+97.65	0.00	717.73	717.75
E	1893+07.65	0.00	717.73	717.75
F	1893+17.65	0.00	717.73	717.74
G	1893+27.65	0.00	717.71	717.73
☉ Brg. & ☉ Pier 2	1893+33.65	0.00	717.70	717.72
H	1893+43.65	0.00	717.67	717.71
I	1893+53.65	0.00	717.64	717.70
J	1893+63.65	0.00	717.59	717.65
K	1893+73.65	0.00	717.54	717.57
☉ Brg. E. Abut.	1893+79.15	0.00	717.50	717.52
Bk. E. Abut.	1893+83.69	0.00	717.47	717.50

**BEAM #4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+44.69	2.92	717.50	717.52
☉ Brg. W. Abut.	1892+49.23	2.92	717.53	717.55
A	1892+59.23	2.92	717.58	717.62
B	1892+69.23	2.92	717.62	717.68
C	1892+79.23	2.92	717.65	717.70
D	1892+89.23	2.92	717.67	717.70
☉ Brg. & ☉ Pier 1	1892+94.73	2.92	717.68	717.70
E	1893+04.73	2.92	717.68	717.70
F	1893+14.73	2.92	717.68	717.70
G	1893+24.73	2.92	717.67	717.69
☉ Brg. & ☉ Pier 2	1893+30.73	2.92	717.66	717.68
H	1893+40.73	2.92	717.64	717.68
I	1893+50.73	2.92	717.60	717.66
J	1893+60.73	2.92	717.56	717.62
K	1893+70.73	2.92	717.51	717.54
☉ Brg. E. Abut.	1893+76.23	2.92	717.48	717.50
Bk. E. Abut.	1893+80.77	2.92	717.45	717.47

**BEAM #5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+38.86	8.75	717.37	717.40
☉ Brg. W. Abut.	1892+43.40	8.75	717.40	717.42
A	1892+53.40	8.75	717.46	717.50
B	1892+63.40	8.75	717.50	717.56
C	1892+73.40	8.75	717.54	717.59
D	1892+83.40	8.75	717.57	717.60
☉ Brg. & ☉ Pier 1	1892+88.90	8.75	717.58	717.60
E	1892+98.90	8.75	717.59	717.61
F	1893+08.90	8.75	717.59	717.61
G	1893+18.90	8.75	717.59	717.61
☉ Brg. & ☉ Pier 2	1893+24.90	8.75	717.58	717.60
H	1893+34.90	8.75	717.56	717.60
I	1893+44.90	8.75	717.53	717.59
J	1893+54.90	8.75	717.50	717.55
K	1893+64.90	8.75	717.45	717.49
☉ Brg. E. Abut.	1893+70.40	8.75	717.42	717.44
Bk. E. Abut.	1893+74.94	8.75	717.39	717.41

**BEAM #6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1892+33.03	14.58	717.24	717.26
☉ Brg. W. Abut.	1892+37.57	14.58	717.27	717.29
A	1892+47.57	14.58	717.33	717.37
B	1892+57.57	14.58	717.38	717.44
C	1892+67.57	14.58	717.42	717.47
D	1892+77.57	14.58	717.45	717.48
☉ Brg. & ☉ Pier 1	1892+83.07	14.58	717.47	717.49
E	1892+93.07	14.58	717.48	717.50
F	1893+03.07	14.58	717.49	717.51
G	1893+13.07	14.58	717.49	717.51
☉ Brg. & ☉ Pier 2	1893+19.07	14.58	717.49	717.51
H	1893+29.07	14.58	717.47	717.51
I	1893+39.07	14.58	717.45	717.51
J	1893+49.07	14.58	717.42	717.48
K	1893+59.07	14.58	717.38	717.41
☉ Brg. E. Abut.	1893+64.57	14.58	717.35	717.37
Bk. E. Abut.	1893+69.11	14.58	717.33	717.35

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 010-0283**

DESIGNED	JLG
CHECKED	CJC
DRAWN	UJ
CHECKED	JLG



SHEET NO. 6 24 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	709	(105BR)BR	CHAMPAIGN	55	18
	SN 010-0283		CONTRACT NO. 70427		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT					