

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28838.81	-8.88	757.13	757.15
☉ Brg. W. Abut.	28840.07	-8.88	757.15	757.17
C	28850.07	-8.88	757.25	757.30
D	28860.07	-8.88	757.34	757.39
E	28870.07	-8.88	757.42	757.46
F	28880.07	-8.88	757.48	757.51
☉ Brg. Pier 1	28889.81	-8.88	757.53	757.55
G	28899.81	-8.88	757.56	757.60
H	28909.81	-8.88	757.59	757.64
I	28919.81	-8.88	757.60	757.66
J	28929.81	-8.88	757.59	757.65
K	28939.81	-8.88	757.58	757.62
☉ Brg. Pier 2	28951.81	-8.88	757.54	757.56
L	28961.81	-8.88	757.49	757.52
M	28971.81	-8.88	757.43	757.48
N	28981.81	-8.88	757.36	757.41
O	28991.81	-8.88	757.27	757.32
☉ Brg. E. Abut.	29001.54	-8.88	757.17	757.19
Bk. E. Abut.	29002.81	-8.88	757.16	757.18

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28839.85	-2.96	757.24	757.26
☉ Brg. W. Abut.	28841.12	-2.96	757.25	757.27
C	28851.12	-2.96	757.35	757.40
D	28861.12	-2.96	757.44	757.50
E	28871.12	-2.96	757.52	757.56
F	28881.12	-2.96	757.58	757.61
☉ Brg. Pier 1	28890.85	-2.96	757.62	757.64
G	28900.85	-2.96	757.66	757.70
H	28910.85	-2.96	757.68	757.73
I	28920.85	-2.96	757.69	757.76
J	28930.85	-2.96	757.68	757.74
K	28940.85	-2.96	757.67	757.71
☉ Brg. Pier 2	28952.85	-2.96	757.63	757.65
L	28962.85	-2.96	757.58	757.61
M	28972.85	-2.96	757.52	757.56
N	28982.85	-2.96	757.44	757.50
O	28992.85	-2.96	757.35	757.40
☉ Brg. E. Abut.	29002.58	-2.96	757.26	757.28
Bk. E. Abut.	29003.85	-2.96	757.24	757.26

**☉ ROADWAY & PROFILE GRADE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28840.37	0.00	757.29	757.31
☉ Brg. W. Abut.	28841.64	0.00	757.30	757.32
C	28851.64	0.00	757.40	757.45
D	28861.64	0.00	757.49	757.55
E	28871.64	0.00	757.57	757.61
F	28881.64	0.00	757.63	757.66
☉ Brg. Pier 1	28891.37	0.00	757.67	757.69
G	28901.37	0.00	757.71	757.74
H	28911.37	0.00	757.73	757.78
I	28921.37	0.00	757.73	757.80
J	28931.37	0.00	757.73	757.79
K	28941.37	0.00	757.71	757.75
☉ Brg. Pier 2	28953.37	0.00	757.67	757.69
L	28963.37	0.00	757.62	757.65
M	28973.37	0.00	757.56	757.61
N	28983.37	0.00	757.48	757.54
O	28993.37	0.00	757.40	757.44
☉ Brg. E. Abut.	29003.10	0.00	757.30	757.32
Bk. E. Abut.	29004.37	0.00	757.28	757.30

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28840.89	2.96	757.25	757.27
☉ Brg. W. Abut.	28842.16	2.96	757.26	757.28
C	28852.16	2.96	757.36	757.41
D	28862.16	2.96	757.45	757.50
E	28872.16	2.96	757.52	757.57
F	28882.16	2.96	757.58	757.62
☉ Brg. Pier 1	28891.89	2.96	757.63	757.65
G	28901.89	2.96	757.66	757.70
H	28911.89	2.96	757.68	757.74
I	28921.89	2.96	757.69	757.76
J	28931.89	2.96	757.68	757.74
K	28941.89	2.96	757.66	757.70
☉ Brg. Pier 2	28953.89	2.96	757.62	757.64
L	28963.89	2.96	757.57	757.61
M	28973.89	2.96	757.51	757.56
N	28983.89	2.96	757.43	757.49
O	28993.89	2.96	757.34	757.39
☉ Brg. E. Abut.	29003.62	2.96	757.24	757.26
Bk. E. Abut.	29004.89	2.96	757.23	757.25

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28841.93	8.88	757.17	757.19
☉ Brg. W. Abut.	28843.20	8.88	757.18	757.20
C	28853.20	8.88	757.28	757.33
D	28863.20	8.88	757.37	757.42
E	28873.20	8.88	757.44	757.49
F	28883.20	8.88	757.50	757.53
☉ Brg. Pier 1	28892.93	8.88	757.54	757.56
G	28902.93	8.88	757.57	757.61
H	28912.93	8.88	757.59	757.65
I	28922.93	8.88	757.60	757.66
J	28932.93	8.88	757.59	757.65
K	28942.93	8.88	757.57	757.61
☉ Brg. Pier 2	28954.93	8.88	757.52	757.54
L	28964.93	8.88	757.47	757.51
M	28974.93	8.88	757.41	757.46
N	28984.93	8.88	757.33	757.39
O	28994.93	8.88	757.24	757.29
☉ Brg. E. Abut.	29004.67	8.88	757.14	757.16
Bk. E. Abut.	29005.93	8.88	757.13	757.15

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28842.98	14.79	757.07	757.09
☉ Brg. W. Abut.	28844.25	14.79	757.09	757.11
C	28854.25	14.79	757.18	757.23
D	28864.25	14.79	757.27	757.32
E	28874.25	14.79	757.34	757.38
F	28884.25	14.79	757.39	757.43
☉ Brg. Pier 1	28893.98	14.79	757.44	757.46
G	28903.98	14.79	757.47	757.51
H	28913.98	14.79	757.49	757.54
I	28923.98	14.79	757.49	757.56
J	28933.98	14.79	757.48	757.54
K	28943.98	14.79	757.46	757.50
☉ Brg. Pier 2	28955.98	14.79	757.41	757.43
L	28965.98	14.79	757.36	757.39
M	28975.98	14.79	757.30	757.34
N	28985.98	14.79	757.22	757.27
O	28995.98	14.79	757.13	757.17
☉ Brg. E. Abut.	29005.71	14.79	757.02	757.04
Bk. E. Abut.	29006.98	14.79	757.01	757.03

DESIGNED	D.P. Narielwala
CHECKED	S.M. Ryan
DRAWN	h.t. duong
CHECKED	DPN/SMR

November 25, 2009  
 EXAMINED *Thomas J. Domagala*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 074-0086**

SHEET NO. 5	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	12VBR-1	PIATT	168	90
25 SHEETS	CONTRACT NO. 70388				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					