

DEPARTMENT OF TRANSPORTATION  
STATE OF ILLINOIS

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1233+09.51	15.63 R	695.08	695.08
Exp. Joint	1233+11.07	15.63 R	695.16	695.16
S. Abut.	1233+11.85	15.63 R	695.20	695.20
A	1233+21.85	15.63 R	695.70	695.70
B	1233+31.85	15.63 R	696.20	696.20
C	1233+41.85	15.63 R	696.70	696.70
Exp. Pier 1	1233+49.68	15.63 R	697.09	697.09
D	1233+59.68	15.63 R	697.59	697.61
E	1233+69.68	15.63 R	698.09	698.12
F	1233+79.68	15.63 R	698.59	698.62
G	1233+89.68	15.63 R	699.09	699.11
H	1233+99.68	15.63 R	699.59	699.60
Exp. Pier 2	1234+09.51	15.63 R	700.08	700.08
J	1234+19.51	15.63 R	700.57	700.58
K	1234+29.51	15.63 R	701.05	701.07
L	1234+39.51	15.63 R	701.50	701.52
M	1234+49.51	15.63 R	701.93	701.95
N	1234+59.51	15.63 R	702.35	702.36
Exp. Pier 3	1234+69.35	15.63 R	702.74	702.74
P	1234+79.35	15.63 R	703.12	703.13
Q	1234+89.35	15.63 R	703.48	703.50
R	1234+99.35	15.63 R	703.84	703.87
S	1235+09.35	15.63 R	704.23	704.26
T	1235+19.35	15.63 R	704.61	704.63
Exp. Pier 4	1235+29.18	15.63 R	704.95	704.95
U	1235+39.18	15.63 R	705.30	705.30
V	1235+49.18	15.63 R	705.62	705.62
W	1235+59.18	15.63 R	705.93	705.93
S. Brg. Pier 5	1235+67.01	15.63 R	706.14	706.14
Exp. Pier 5 & Exp. Joint	1235+67.64	15.63 R	706.16	706.16
N. Brg. Pier 5	1235+68.26	15.62 R	706.17	706.17
X	1235+78.27	15.51 R	706.42	706.47
Y	1235+88.28	15.40 R	706.64	706.75
Z	1235+98.19	15.32 R	706.85	706.98
A1	1236+08.08	15.30 R	707.05	707.21
B1	1236+17.97	15.36 R	707.23	707.36
C1	1236+27.87	15.48 R	707.34	707.45
D1	1236+37.76	15.67 R	707.43	707.48
S. Brg. Pier 6	1236+47.37	15.93 R	707.49	707.49
Exp. Pier 6 & Exp. Joint	1236+47.96	16.38 R	707.51	707.51
N. Brg. Pier 6	1236+48.58	16.35 R	707.52	707.52
E1	1236+58.47	15.94 R	707.53	707.57
F1	1236+68.35	15.60 R	707.54	707.57
G1	1236+78.24	15.32 R	707.53	707.57
H1	1236+88.13	15.11 R	707.50	707.53
J1	1236+98.03	14.98 R	707.45	707.47

BEAM 7 (CONTINUED)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Exp. Pier 7	1237+11.74	14.89 R	707.36	707.36
K1	1237+21.64	14.92 R	707.28	707.30
L1	1237+31.54	15.02 R	707.18	707.22
M1	1237+61.21	15.19 R	707.07	707.11
N1	1237+74.49	15.43 R	706.94	706.98
P1	1237+75.12	15.73 R	706.79	706.83
S. Brg. Pier 8	1237+75.75	16.24 R	706.57	706.57
Exp. Pier 8 & Exp. Joint	1237+85.63	16.26 R	706.56	706.56
N. Brg. Pier 8	1237+95.52	16.23 R	706.55	706.55
Q1	1238+05.41	15.83 R	706.33	706.36
R1	1238+15.30	15.49 R	706.09	706.13
S1	1238+25.20	15.22 R	705.84	705.88
T1	1238+35.07	15.02 R	705.57	705.60
U1	1238+44.97	14.88 R	705.29	705.31
S. Brg. Pier 9	1238+54.87	14.82 R	704.99	704.99
V1	1238+64.76	14.83 R	704.67	704.67
W1	1238+74.65	14.91 R	704.34	704.35
X1	1238+84.66	15.06 R	704.00	704.01
Y1	1238+87.11	15.28 R	703.63	703.64
N. Abut.	1237+41.43	15.54 R	703.25	703.25
Exp. Joint	1237+42.22	15.57 R	703.22	703.22
Bk. N. Abut.	1237+51.32	15.62 R	703.15	703.15

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1233+09.14	21.88 R	694.95	694.95
Exp. Joint	1233+10.70	21.88 R	695.03	695.03
S. Abut.	1233+11.48	21.88 R	695.07	695.07
A	1233+21.48	21.88 R	695.57	695.57
B	1233+31.48	21.88 R	696.07	696.07
C	1233+41.48	21.88 R	696.57	696.57
Exp. Pier 1	1233+49.31	21.88 R	696.96	696.96
D	1233+59.31	21.88 R	697.46	697.48
E	1233+69.31	21.88 R	697.96	697.99
F	1233+79.31	21.88 R	698.46	698.49
G	1233+89.31	21.88 R	698.96	698.98
H	1233+99.31	21.88 R	699.46	699.47
Exp. Pier 2	1234+09.14	21.88 R	699.95	699.95
J	1234+19.14	21.88 R	700.44	700.45
K	1234+29.14	21.88 R	700.91	700.93
L	1234+39.14	21.88 R	701.37	701.39
M	1234+49.14	21.88 R	701.80	701.82
N	1234+59.14	21.88 R	702.22	702.23
Exp. Pier 3	1234+68.98	21.88 R	702.61	702.61
P	1234+78.98	21.88 R	702.99	703.00
Q	1234+88.98	21.88 R	703.34	703.36
R	1234+98.98	21.88 R	703.72	703.75
S	1235+08.98	21.88 R	704.14	704.17
T	1235+18.98	21.88 R	704.55	704.57

BEAM 8 (CONTINUED)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Exp. Pier 4	1235+28.81	21.88 R	704.93	704.93
U	1235+38.81	21.88 R	705.30	705.30
V	1235+48.81	21.88 R	705.66	705.66
W	1235+58.81	21.88 R	706.01	706.01
S. Brg. Pier 5	1235+66.65	21.88 R	706.24	706.24
Exp. Pier 5 & Exp. Joint	1235+67.27	21.88 R	706.26	706.26
N. Brg. Pier 5	1235+67.89	21.87 R	706.28	706.28
X	1235+77.90	21.83 R	706.55	706.60
Y	1235+87.90	21.78 R	706.80	706.90
Z	1235+97.78	21.75 R	707.04	707.17
A1	1236+07.63	21.80 R	707.27	707.42
B1	1236+17.48	21.91 R	707.48	707.61
C1	1236+27.33	22.10 R	707.60	707.71
D1	1236+37.17	22.35 R	707.69	707.74
S. Brg. Pier 6	1236+46.73	22.66 R	707.76	707.76
Exp. Pier 6 & Exp. Joint	1236+47.35	22.68 R	707.76	707.76
N. Brg. Pier 6	1236+47.97	22.65 R	707.76	707.76
E1	1236+57.81	22.24 R	707.78	707.82
F1	1236+67.65	21.89 R	707.79	707.82
G1	1236+77.50	21.61 R	707.78	707.82
H1	1236+87.35	21.40 R	707.75	707.78
J1	1236+97.20	21.25 R	707.71	707.73
Exp. Pier 7	1237+10.86	21.16 R	707.62	707.62
K1	1237+20.71	21.18 R	707.54	707.56
L1	1237+30.56	21.28 R	707.45	707.48
M1	1237+40.42	21.44 R	707.33	707.37
N1	1237+50.27	21.67 R	707.21	707.24
P1	1237+60.11	21.97 R	707.06	707.09
S. Brg. Pier 8	1237+73.34	22.46 R	706.85	706.85
Exp. Pier 8 & Exp. Joint	1237+73.96	22.49 R	706.83	706.83
N. Brg. Pier 8	1237+74.59	22.46 R	706.82	706.82
Q1	1237+84.43	22.04 R	706.60	706.63
R1	1237+94.27	21.69 R	706.37	706.41
S1	1238+04.12	21.41 R	706.12	706.16
T1	1238+13.97	21.20 R	705.86	705.89
U1	1238+23.83	21.06 R	705.58	705.60
S. Brg. Pier 9	1238+33.66	20.99 R	705.28	705.28
V1	1238+43.51	20.99 R	704.97	704.97
W1	1238+53.37	21.05 R	704.64	704.65
X1	1238+63.22	21.20 R	704.30	704.31
Y1	1238+73.07	22.41 R	703.94	703.95
N. Abut.	1238+83.04	21.66 R	703.56	703.56
Exp. Joint	1238+83.83	21.68 R	703.53	703.53
Bk. N. Abut.	1238+85.48	21.74 R	703.46	703.46

TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 058-0014

DESIGNED - MJB/MAJ
CHECKED - JFS
DRAWN - MSJ/MLB
CHECKED - MJB



SHEET NO. 11	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	710	(50Z-VB)BR	MACON	79	37
49 SHEETS	CONTRACT NO. 74215			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	