

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 2 (CONTINUED)

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1233+11.33	15.63 L	695.18	695.18
Exp. Joint	1233+12.90	15.63 L	695.25	695.25
S. Abut.	1233+13.67	15.63 L	695.29	695.29
A	1233+23.67	15.63 L	695.79	695.79
B	1233+33.67	15.63 L	696.29	696.29
C	1233+43.67	15.63 L	696.79	696.79
Exp. Pier 1	1233+51.50	15.63 L	697.18	697.18
D	1233+61.50	15.63 L	697.68	697.70
E	1233+71.50	15.63 L	698.18	698.21
F	1233+81.50	15.63 L	698.68	698.71
G	1233+91.50	15.63 L	699.18	699.20
H	1234+01.50	15.63 L	699.68	699.69
Exp. Pier 2	1234+11.33	15.63 L	700.17	700.17
J	1234+21.33	15.63 L	700.66	700.67
K	1234+31.33	15.63 L	701.13	701.15
L	1234+41.33	15.63 L	701.58	701.60
M	1234+51.33	15.63 L	702.01	702.03
N	1234+61.33	15.63 L	702.42	702.43
Exp. Pier 3	1234+71.17	15.63 L	702.81	702.81
P	1234+81.17	15.63 L	703.18	703.19
Q	1234+91.17	15.63 L	703.54	703.56
R	1235+01.17	15.63 L	703.87	703.90
S	1235+11.17	15.63 L	704.19	704.22
T	1235+21.17	15.63 L	704.49	704.51
Exp. Pier 4	1235+31.00	15.63 L	704.76	704.76
U	1235+41.00	15.63 L	705.02	705.02
V	1235+51.00	15.63 L	705.26	705.26
W	1235+61.00	15.63 L	705.48	705.48
S. Brg. Pier 5	1235+68.84	15.63 L	705.60	705.60
Exp. Pier 5 & Exp. Joint	1235+69.46	15.63 L	705.60	705.60
N. Brg. Pier 5	1235+70.09	15.63 L	705.61	705.61
X	1235+80.10	15.74 L	705.74	705.79
Y	1235+90.11	15.85 L	705.84	705.95
Z	1236+00.22	15.92 L	705.92	706.05
A1	1236+10.33	15.92 L	705.98	706.13
B1	1236+20.44	15.85 L	706.02	706.15
C1	1236+30.55	15.71 L	706.12	706.22
D1	1236+40.66	15.50 L	706.20	706.25
S. Brg. Pier 6	1236+50.46	15.23 L	706.26	706.26
Exp. Pier 6 & Exp. Joint	1236+51.09	15.13 L	706.27	706.27
N. Brg. Pier 6	1236+51.73	15.16 L	706.27	706.27
E1	1236+61.83	15.55 L	706.28	706.31
F1	1236+71.94	15.87 L	706.28	706.32
G1	1236+82.05	16.12 L	706.26	706.30
H1	1236+92.16	16.30 L	706.23	706.26
J1	1237+02.27	16.40 L	706.17	706.19

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Exp. Pier 7	1237+16.29	16.44 L	706.07	706.07
K1	1237+26.41	16.38 L	705.98	706.00
L1	1237+36.52	16.25 L	705.87	705.91
M1	1237+46.63	16.05 L	705.75	705.79
N1	1237+56.74	15.77 L	705.61	705.64
P1	1237+66.85	15.42 L	705.45	705.48
S. Brg. Pier 8	1237+80.42	14.87 L	705.21	705.21
Exp. Pier 8 & Exp. Joint	1237+81.06	14.84 L	705.20	705.20
N. Brg. Pier 8	1237+81.71	14.87 L	705.18	705.18
Q1	1237+91.80	15.23 L	704.95	704.98
R1	1238+01.91	15.53 L	704.70	704.73
S1	1238+12.02	15.75 L	704.43	704.47
T1	1238+22.13	15.91 L	704.15	704.18
U1	1238+32.24	15.99 L	703.84	703.86
S. Brg. Pier 9	1238+42.33	16.00 L	703.53	703.53
V1	1238+52.44	15.95 L	703.19	703.19
W1	1238+62.55	15.81 L	702.84	702.85
X1	1238+72.66	15.60 L	702.47	702.48
Y1	1238+82.77	15.32 L	702.09	702.10
N. Abut.	1238+92.99	15.01 L	701.68	701.68
Exp. Joint	1238+93.80	14.98 L	701.65	701.65
Bk. N. Abut.	1238+95.49	14.91 L	701.58	701.58

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	1233+10.97	9.38 L	695.26	695.26
Exp. Joint	1233+12.53	9.38 L	695.33	695.33
S. Abut.	1233+13.31	9.38 L	695.37	695.37
A	1233+23.31	9.38 L	695.87	695.87
B	1233+33.31	9.38 L	696.37	696.37
C	1233+43.31	9.38 L	696.87	696.87
Exp. Pier 1	1233+51.14	9.38 L	697.26	697.26
D	1233+61.14	9.38 L	697.76	697.77
E	1233+71.14	9.38 L	698.26	698.28
F	1233+81.14	9.38 L	698.76	698.79
G	1233+91.14	9.38 L	699.26	699.27
H	1234+01.14	9.38 L	699.76	699.76
Exp. Pier 2	1234+10.97	9.38 L	700.25	700.25
J	1234+20.97	9.38 L	700.74	700.75
K	1234+30.97	9.38 L	701.21	701.22
L	1234+40.97	9.38 L	701.66	701.68
M	1234+50.97	9.38 L	702.09	702.10
N	1234+60.97	9.38 L	702.51	702.51
Exp. Pier 3	1234+70.81	9.38 L	702.89	702.89
P	1234+80.81	9.38 L	703.27	703.28
Q	1234+90.81	9.38 L	703.62	703.64
R	1235+00.81	9.38 L	703.96	703.99
S	1235+10.81	9.38 L	704.28	704.30
T	1235+20.81	9.38 L	704.58	704.58

BEAM 3 (CONTINUED)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Exp. Pier 4	1235+30.64	9.38 L	704.85	704.85
U	1235+40.64	9.38 L	705.11	705.11
V	1235+50.64	9.38 L	705.35	705.35
W	1235+60.64	9.38 L	705.57	705.57
S. Brg. Pier 5	1235+68.47	9.38 L	705.71	705.71
Exp. Pier 5 & Exp. Joint	1235+69.10	9.38 L	705.72	705.72
N. Brg. Pier 5	1235+69.72	9.38 L	705.73	705.73
X	1235+79.73	9.49 L	705.88	705.94
Y	1235+89.74	9.59 L	706.01	706.11
Z	1235+99.80	9.67 L	706.11	706.25
A1	1236+09.87	9.68 L	706.20	706.35
B1	1236+19.94	9.61 L	706.27	706.40
C1	1236+30.01	9.47 L	706.36	706.47
D1	1236+40.07	9.26 L	706.44	706.50
S. Brg. Pier 6	1236+49.84	9.00 L	706.51	706.51
Exp. Pier 6 & Exp. Joint	1236+50.45	8.83 L	706.52	706.52
N. Brg. Pier 6	1236+51.09	8.86 L	706.52	706.52
E1	1236+61.15	9.25 L	706.53	706.55
F1	1236+71.21	9.57 L	706.53	706.57
G1	1236+81.27	9.83 L	706.52	706.55
H1	1236+91.34	10.01 L	706.48	706.51
J1	1237+01.41	10.13 L	706.43	706.44
Exp. Pier 7	1237+15.37	10.18 L	706.33	706.33
K1	1237+25.44	10.13 L	706.24	706.25
L1	1237+35.51	10.00 L	706.14	706.16
M1	1237+45.58	9.81 L	706.01	706.05
N1	1237+55.64	9.54 L	705.88	705.91
P1	1237+65.70	9.21 L	705.72	705.75
S. Brg. Pier 8	1237+79.21	8.62 L	705.48	705.48
Exp. Pier 8 & Exp. Joint	1237+79.85	8.62 L	705.47	705.47
N. Brg. Pier 8	1237+80.49	8.65 L	705.46	705.46
Q1	1237+90.55	9.02 L	705.23	705.25
R1	1238+00.61	9.33 L	704.98	705.01
S1	1238+10.67	9.56 L	704.71	704.75
T1	1238+20.74	9.73 L	704.43	704.46
U1	1238+30.81	9.82 L	704.14	704.15
S. Brg. Pier 9	1238+40.85	9.84 L	703.82	703.82
V1	1238+50.92	9.79 L	703.49	703.49
W1	1238+60.99	9.67 L	703.14	703.15
X1	1238+71.05	9.47 L	702.78	702.79
Y1	1238+81.12	9.20 L	702.40	702.41
N. Abut.	1238+91.29	8.90 L	702.00	701.99
Exp. Joint	1238+92.10	8.87 L	701.97	701.97
Bk. N. Abut.	1238+93.78	8.81 L	701.90	701.90

TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 058-0014

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



SHEET NO. 7 49 SHEETS	F.A.P. RTE. 710	SECTION (50Z-VB)BR	COUNTY MACON	TOTAL SHEETS 79	SHEET NO. 33
	CONTRACT NO. 74215				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		