

**BEAM #1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+23.03	-55.00	639.49	639.49
☉ S. Abut.	799+24.76	-55.00	639.47	639.47
a	799+34.76	-55.00	639.35	639.36
b	799+44.76	-55.00	639.23	639.23
c	799+54.76	-55.00	639.10	639.11
d	799+64.76	-55.00	638.96	638.97
e	799+74.76	-55.00	638.83	638.83
☉ S. Brg. at Pier 1	799+87.11	-55.00	638.66	638.66
☉ Pier 1	799+88.03	-55.00	638.64	638.64
☉ N. Brg. at Pier 1	799+88.94	-55.00	638.63	638.63
f	799+98.94	-55.00	638.48	638.51
g	800+08.94	-55.00	638.34	638.38
h	800+18.94	-55.00	638.18	638.25
i	800+28.94	-55.00	638.10	638.03
j	800+38.94	-55.00	637.87	637.96
k	800+48.94	-55.00	637.71	637.79
l	800+58.94	-55.00	637.54	637.61
m	800+68.94	-55.00	637.37	637.44
n	800+78.94	-55.00	637.20	637.24
o	800+88.94	-55.00	637.02	637.04
☉ S. Brg. at Pier 2	800+97.11	-55.00	636.87	636.87
☉ Pier 2	800+98.03	-55.00	636.86	636.86
☉ N. Brg. at Pier 2	800+98.94	-55.00	636.84	636.84
p	801+08.94	-55.00	636.65	636.66
q	801+18.94	-55.00	636.47	636.47
r	801+28.94	-55.00	636.28	636.28
s	801+38.94	-55.00	636.08	636.08
☉ N. Abut.	801+51.29	-55.00	635.84	635.84
Bk. N. Abut.	801+53.03	-55.00	635.81	635.81

**BEAM #2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+26.73	-48.58	639.58	639.58
☉ S. Abut.	799+28.46	-48.58	639.56	639.56
a	799+38.46	-48.58	639.44	639.44
b	799+48.46	-48.58	639.31	639.32
c	799+58.46	-48.58	639.18	639.19
d	799+68.46	-48.58	639.05	639.06
e	799+78.46	-48.58	638.91	638.92
☉ S. Brg. at Pier 1	799+90.81	-48.58	638.74	638.74
☉ Pier 1	799+91.73	-48.58	638.72	638.72
☉ N. Brg. at Pier 1	799+92.65	-48.58	638.71	638.71
f	800+02.65	-48.58	638.56	638.59
g	800+12.65	-48.58	638.41	638.46
h	800+22.65	-48.58	638.26	638.33
i	800+32.65	-48.58	638.10	638.18
j	800+42.65	-48.58	637.94	638.03
k	800+52.65	-48.58	637.78	637.86
l	800+62.65	-48.58	637.61	637.69
m	800+72.65	-48.58	637.44	637.51
n	800+82.65	-48.58	637.27	637.31
o	800+92.65	-48.58	637.09	637.11
☉ S. Brg. at Pier 2	801+00.81	-48.58	636.94	636.94
☉ Pier 2	801+01.73	-48.58	636.92	636.92
☉ N. Brg. at Pier 2	801+02.65	-48.58	636.90	636.90
p	801+12.65	-48.58	636.72	636.72
q	801+22.65	-48.58	636.53	636.53
r	801+32.65	-48.58	636.34	636.34
s	801+42.65	-48.58	636.14	636.14
☉ N. Abut.	801+55.00	-48.58	635.90	635.90
Bk. N. Abut.	801+56.73	-48.58	635.86	635.86

**BEAM #3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+30.44	-42.17	639.67	639.67
☉ S. Abut.	799+32.17	-42.17	639.65	639.65
a	799+42.17	-42.17	639.53	639.53
b	799+52.17	-42.17	639.40	639.41
c	799+62.17	-42.17	639.27	639.28
d	799+72.17	-42.17	639.14	639.14
e	799+82.17	-42.17	638.99	639.00
☉ S. Brg. at Pier 1	799+94.52	-42.17	638.82	638.82
☉ Pier 1	799+95.44	-42.17	638.80	638.80
☉ N. Brg. at Pier 1	799+96.35	-42.17	638.79	638.79
f	800+06.35	-42.17	638.64	638.67
g	800+16.35	-42.17	638.49	638.54
h	800+26.35	-42.17	638.34	638.40
i	800+36.35	-42.17	638.18	638.25
j	800+46.35	-42.17	638.02	638.10
k	800+56.35	-42.17	637.85	637.94
l	800+66.35	-42.17	637.68	637.76
m	800+76.35	-42.17	637.51	637.57
n	800+86.35	-42.17	637.33	637.38
o	800+96.35	-42.17	637.15	637.17
☉ S. Brg. at Pier 2	801+04.52	-42.17	637.00	637.00
☉ Pier 2	801+05.44	-42.17	636.99	636.99
☉ N. Brg. at Pier 2	801+06.35	-42.17	636.97	636.97
p	801+16.35	-42.17	636.78	636.79
q	801+26.35	-42.17	636.59	636.60
r	801+36.35	-42.17	636.40	636.40
s	801+46.35	-42.17	636.20	636.20
☉ N. Abut.	801+58.70	-42.17	635.96	635.96
Bk. N. Abut.	801+60.44	-42.17	635.92	635.92

Note:  
Offset measured from ☉ MacArthur Blvd.

**BEAM #4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+34.14	-35.75	639.76	639.76
☉ S. Abut.	799+35.87	-35.75	639.74	639.74
a	799+45.87	-35.75	639.61	639.62
b	799+55.87	-35.75	639.48	639.49
c	799+65.87	-35.75	639.35	639.36
d	799+75.87	-35.75	639.21	639.22
e	799+85.87	-35.75	639.07	639.08
☉ S. Brg. at Pier 1	799+98.22	-35.75	638.90	638.90
☉ Pier 1	799+99.14	-35.75	638.88	638.88
☉ N. Brg. at Pier 1	800+00.06	-35.75	638.87	638.87
f	800+10.06	-35.75	638.74	638.74
g	800+20.06	-35.75	638.57	638.62
h	800+30.06	-35.75	638.41	638.48
i	800+40.06	-35.75	638.25	638.33
j	800+50.06	-35.75	638.09	638.18
k	800+60.06	-35.75	637.92	638.01
l	800+70.06	-35.75	637.75	637.83
m	800+80.06	-35.75	637.58	637.64
n	800+90.06	-35.75	637.40	637.44
o	801+00.06	-35.75	637.22	637.24
☉ S. Brg. at Pier 2	801+08.22	-35.75	637.07	637.07
☉ Pier 2	801+09.14	-35.75	637.05	637.05
☉ N. Brg. at Pier 2	801+10.06	-35.75	637.03	637.03
p	801+20.06	-35.75	636.85	636.85
q	801+30.06	-35.75	636.65	636.66
r	801+40.06	-35.75	636.46	636.46
s	801+50.06	-35.75	636.27	636.27
☉ N. Abut.	801+62.41	-35.75	636.02	636.02
Bk. N. Abut.	801+64.14	-35.75	635.98	635.98

**BEAM #5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+37.84	-29.33	639.85	639.85
☉ S. Abut.	799+39.58	-29.33	639.83	639.83
a	799+49.58	-29.33	639.70	639.70
b	799+59.58	-29.33	639.57	639.58
c	799+69.58	-29.33	639.43	639.44
d	799+79.58	-29.33	639.30	639.30
e	799+89.58	-29.33	639.15	639.16
☉ S. Brg. at Pier 1	800+01.93	-29.33	638.98	638.98
☉ Pier 1	800+02.84	-29.33	638.96	638.96
☉ N. Brg. at Pier 1	800+03.76	-29.33	638.95	638.95
f	800+13.76	-29.33	638.80	638.82
g	800+23.76	-29.33	638.64	638.69
h	800+33.76	-29.33	638.49	638.55
i	800+43.76	-29.33	638.33	638.40
j	800+53.76	-29.33	638.16	638.25
k	800+63.76	-29.33	637.99	638.08
l	800+73.76	-29.33	637.82	637.90
m	800+83.76	-29.33	637.65	637.71
n	800+93.76	-29.33	637.47	637.51
o	801+03.76	-29.33	637.29	637.30
☉ S. Brg. at Pier 2	801+11.93	-29.33	637.13	637.13
☉ Pier 2	801+12.84	-29.33	637.12	637.12
☉ N. Brg. at Pier 2	801+13.76	-29.33	637.10	637.10
p	801+23.76	-29.33	636.91	636.91
q	801+33.76	-29.33	636.72	636.72
r	801+43.76	-29.33	636.52	636.52
s	801+53.76	-29.33	636.33	636.33
☉ N. Abut.	801+66.11	-29.33	636.08	636.08
Bk. N. Abut.	801+67.84	-29.33	636.04	636.04

**BEAM #6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	799+41.55	-22.92	639.93	639.93
☉ S. Abut.	799+43.28	-22.92	639.91	639.91
a	799+53.28	-22.92	639.78	639.79
b	799+63.28	-22.92	639.65	639.66
c	799+73.28	-22.92	639.52	639.53
d	799+83.28	-22.92	639.38	639.39
e	799+93.28	-22.92	639.24	639.24
☉ S. Brg. at Pier 1	800+05.63	-22.92	639.05	639.05
☉ Pier 1	800+06.55	-22.92	639.04	639.04
☉ N. Brg. at Pier 1	800+07.47	-22.92	639.03	639.03
f	800+17.47	-22.92	638.88	638.90
g	800+27.47	-22.92	638.72	638.77
h	800+37.47	-22.92	638.56	638.63
i	800+47.47	-22.92	638.40	638.48
j	800+57.47	-22.92	638.23	638.32
k	800+67.47	-22.92	638.06	638.15
l	800+77.47	-22.92	637.89	637.97
m	800+87.47	-22.92	637.71	637.78
n	800+97.47	-22.92	637.53	637.58
o	801+07.47	-22.92	637.35	637.37
☉ S. Brg. at Pier 2	801+15.63	-22.92	637.20	637.20
☉ Pier 2	801+16.55	-22.92	637.18	637.18
☉ N. Brg. at Pier 2	801+17.47	-22.92	637.16	637.16
p	801+27.47	-22.92	636.97	636.97
q	801+37.47	-22.92	636.78	636.78
r	801+47.47	-22.92	636.58	636.59
s	801+57.47	-22.92	636.38	636.39
☉ N. Abut.	801+69.82	-22.92	636.14	636.14
Bk. N. Abut.	801+71.55	-22.92	636.10	636.10

Corporate License Number 184-001-084

**TOP OF SLAB ELEVATIONS  
MACARTHUR BLVD. OVER N.S. R.R.  
SECTION 02-00382-02-PV  
SANGAMON COUNTY  
STATION 800+69.78  
STRUCTURE NUMBER 084-0512**

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96S2002B

DATE: 10/30/05

MM 06/27/03  
DAP 01/04/05  
JMM 02/24/05  
LAYOUT  
DRAWN  
REVIEWED

\$FILE#  
12/16/2006