

**☉ ROADWAY AND  
PROFILE GRADE LINE**

**BEAM #1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	414+59.73	-12.88'	554.77	554.77
☉ S. Abut.	414+61.25	-12.88'	554.71	554.71
a	414+71.25	-12.88'	554.36	554.39
b	414+81.25	-12.88'	554.03	554.08
c	414+91.25	-12.88'	553.71	553.78
d	415+01.25	-12.88'	553.41	553.48
e	415+11.25	-12.88'	553.11	553.20
f	415+21.25	-12.88'	552.84	552.92
g	415+31.25	-12.88'	552.58	552.64
h	415+41.25	-12.88'	552.33	552.38
i	415+51.25	-12.88'	552.09	552.12
☉ S. Brg. at Pier	415+62.97	-12.88'	551.84	551.84
☉ Pier	415+63.73	-12.88'	551.82	551.82
☉ N. Brg. at Pier	415+64.49	-12.88'	551.81	551.81
j	415+74.49	-12.88'	551.60	551.63
k	415+84.49	-12.88'	551.42	551.47
l	415+94.49	-12.88'	551.25	551.31
m	416+04.49	-12.88'	551.09	551.17
n	416+14.49	-12.88'	550.94	551.03
o	416+24.49	-12.88'	550.82	550.90
p	416+34.49	-12.88'	550.70	550.77
q	416+44.49	-12.88'	550.60	550.65
r	416+54.49	-12.88'	550.51	550.54
☉ N. Abut.	416+66.21	-12.88'	550.43	550.43
Bk. N. Abut.	416+67.73	-12.88'	550.42	550.42

**BEAM #2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	414+61.05	-5.33'	554.87	554.87
☉ S. Abut.	414+62.57	-5.33'	554.82	554.82
a	414+72.57	-5.33'	554.47	554.50
b	414+82.57	-5.33'	554.14	554.19
c	414+92.57	-5.33'	553.82	553.89
d	415+02.57	-5.33'	553.52	553.60
e	415+12.57	-5.33'	553.23	553.32
f	415+22.57	-5.33'	552.95	553.03
g	415+32.57	-5.33'	552.69	552.76
h	415+42.57	-5.33'	552.45	552.50
i	415+52.57	-5.33'	552.21	552.24
☉ S. Brg. at Pier	415+64.29	-5.33'	551.96	551.96
☉ Pier	415+65.05	-5.33'	551.94	551.94
☉ N. Brg. at Pier	415+65.82	-5.33'	551.93	551.93
j	415+75.82	-5.33'	551.73	551.75
k	415+85.82	-5.33'	551.55	551.56
l	415+95.82	-5.33'	551.38	551.44
m	416+05.82	-5.33'	551.22	551.30
n	416+15.82	-5.33'	551.08	551.17
o	416+25.82	-5.33'	550.95	551.03
p	416+35.82	-5.33'	550.84	550.91
q	416+45.82	-5.33'	550.74	550.79
r	416+55.82	-5.33'	550.65	550.68
☉ N. Abut.	416+67.53	-5.33'	550.57	550.57
Bk. N. Abut.	416+69.05	-5.33'	550.56	550.56

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	416+62.00	0.00'	554.94	554.94
☉ S. Abut.	414+63.52	0.00'	554.89	554.89
a	414+73.52	0.00'	554.54	554.57
b	414+83.52	0.00'	554.21	554.26
c	414+93.52	0.00'	553.90	553.97
d	415+03.52	0.00'	553.60	553.67
e	415+13.52	0.00'	553.31	553.40
f	415+23.52	0.00'	553.03	553.11
g	415+33.52	0.00'	552.78	552.84
h	415+43.52	0.00'	552.53	552.58
i	415+53.52	0.00'	552.30	552.33
☉ S. Brg. at Pier	415+65.23	0.00'	552.05	552.05
☉ Pier	415+66.00	0.00'	552.03	552.03
☉ N. Brg. at Pier	415+66.76	0.00'	552.02	552.02
j	415+76.76	0.00'	551.82	551.84
k	415+86.76	0.00'	551.64	551.69
l	415+96.76	0.00'	551.47	551.53
m	416+06.76	0.00'	551.31	551.39
n	416+16.76	0.00'	551.17	551.26
o	416+26.76	0.00'	551.05	551.13
p	416+36.76	0.00'	550.93	551.00
q	416+46.76	0.00'	550.84	550.89
r	416+56.76	0.00'	550.75	550.78
☉ N. Abut.	416+68.48	0.00'	550.67	550.67
Bk. N. Abut.	416+70.00	0.00'	550.66	550.66

**BEAM #3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	414+62.39	2.21'	554.89	554.89
☉ S. Abut.	414+63.91	2.21'	554.83	554.83
a	414+73.91	2.21'	554.49	554.51
b	414+83.91	2.21'	554.16	554.21
c	414+93.91	2.21'	553.84	553.91
d	415+03.91	2.21'	553.54	553.62
e	415+13.91	2.21'	553.25	553.34
f	415+23.91	2.21'	552.98	553.06
g	415+33.91	2.21'	552.72	552.79
h	415+43.91	2.21'	552.48	552.53
i	415+53.91	2.21'	552.25	552.28
☉ S. Brg. at Pier	415+65.63	2.21'	552.00	552.00
☉ Pier	415+66.39	2.21'	551.98	551.98
☉ N. Brg. at Pier	415+67.15	2.21'	551.96	551.96
j	415+77.15	2.21'	551.77	551.79
k	415+87.15	2.21'	551.58	551.63
l	415+97.15	2.21'	551.42	551.48
m	416+07.15	2.21'	551.26	551.34
n	416+17.15	2.21'	551.12	551.21
o	416+27.15	2.21'	551.00	551.08
p	416+37.15	2.21'	550.89	550.96
q	416+47.15	2.21'	550.79	550.84
r	416+57.15	2.21'	550.71	550.73
☉ N. Abut.	416+68.87	2.21'	550.63	550.63
Bk. N. Abut.	416+70.39	2.21'	550.62	550.62

**BEAM #4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	414+63.72	9.75'	554.69	554.69
☉ S. Abut.	414+65.24	9.75'	554.63	554.63
a	414+75.24	9.75'	554.29	554.32
b	414+85.24	9.75'	553.96	554.01
c	414+95.24	9.75'	553.65	553.72
d	415+05.24	9.75'	553.35	553.43
e	415+15.24	9.75'	553.06	553.15
f	415+25.24	9.75'	552.79	552.87
g	415+35.24	9.75'	552.54	552.61
h	415+45.24	9.75'	552.29	552.35
i	415+55.24	9.75'	552.07	552.10
☉ S. Brg. at Pier	415+66.96	9.75'	551.82	551.82
☉ Pier	415+67.72	9.75'	551.08	551.80
☉ N. Brg. at Pier	415+68.48	9.75'	551.79	551.79
j	415+78.48	9.75'	551.59	551.62
k	415+88.48	9.75'	551.41	551.46
l	415+98.48	9.75'	551.24	551.31
m	416+08.48	9.75'	551.09	551.17
n	416+18.48	9.75'	550.95	551.04
o	416+28.48	9.75'	550.83	550.91
p	416+38.48	9.75'	550.72	550.79
q	416+48.48	9.75'	550.63	550.68
r	416+58.48	9.75'	550.55	550.57
☉ N. Abut.	416+70.20	9.75'	550.47	550.47
Bk. N. Abut.	416+71.72	9.75'	550.46	550.46

**BEAM #5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	414+65.05	17.29'	554.62	554.62
☉ S. Abut.	414+66.57	17.29'	554.56	554.56
a	414+76.57	17.29'	554.22	554.25
b	414+86.57	17.29'	553.90	553.95
c	414+96.57	17.29'	553.58	553.65
d	415+06.57	17.29'	553.29	553.36
e	415+16.57	17.29'	553.00	553.09
f	415+26.57	17.29'	552.73	552.81
g	415+36.57	17.29'	552.48	552.55
h	415+46.57	17.29'	552.24	552.29
i	415+56.57	17.29'	552.01	552.04
☉ S. Brg. at Pier	415+68.29	17.29'	551.76	551.76
☉ Pier	415+69.05	17.29'	551.75	551.75
☉ N. Brg. at Pier	415+69.81	17.29'	551.73	551.73
j	415+79.81	17.29'	551.54	551.57
k	415+89.81	17.29'	551.36	551.41
l	415+99.81	17.29'	551.20	551.27
m	416+09.81	17.29'	551.05	551.13
n	416+19.81	17.29'	550.91	551.00
o	416+29.81	17.29'	550.79	550.87
p	416+39.81	17.29'	550.68	550.75
q	416+49.81	17.29'	550.59	550.64
r	416+59.81	17.29'	550.51	550.54
☉ N. Abut.	416+71.53	17.29'	550.44	550.44
Bk. N. Abut.	416+73.05	17.29'	550.43	550.43

**TOP OF SLAB ELEVATIONS (SHEET 2)  
OUTER BELT WEST OVER TRIBUTARY  
TO LITTLE WABASH RIVER  
LOCAL ROAD SEC. 03-00098-00-BR  
EFFINGHAM COUNTY  
STATION 415+66.00  
STRUCTURE NO. 025-6009**

JOB NO.  
0552071  
DATE  
03/29/07



03/29/2007 10:27 AM  
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LAYOUT	MM	12/25/07
DRAWN	DJP	01/12/07
REVIEWED	JJT	01/15/07