

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	16+18.88	14'-7"	694.60	694.60
☉ Brg. West Abut.	16+23.55	14'-7"	694.57	694.57
A	16+33.55	14'-7"	694.52	694.56
B	16+43.55	14'-7"	694.47	694.53
C	16+53.55	14'-7"	694.42	694.49
D	16+63.55	14'-7"	694.38	694.42
E	16+73.55	14'-7"	694.33	694.35
☉ Brg. Pier	16+86.38	14'-7"	694.26	694.26
F	16+96.38	14'-7"	694.21	694.23
G	17+06.38	14'-7"	694.16	694.21
H	17+16.38	14'-7"	694.11	694.17
I	17+26.38	14'-7"	694.07	694.13
J	17+36.38	14'-7"	694.02	694.06
☉ Brg. East Abut.	17+49.21	14'-7"	693.95	693.95
Back of East Abut.	17+53.88	14'-7"	693.93	693.93

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	16+11.93	8'-9"	694.73	694.73
☉ Brg. West Abut.	16+16.59	8'-9"	694.71	694.71
A	16+26.59	8'-9"	694.66	694.70
B	16+36.59	8'-9"	694.61	694.67
C	16+46.59	8'-9"	694.56	694.63
D	16+56.59	8'-9"	694.51	694.56
E	16+66.59	8'-9"	694.46	694.49
☉ Brg. Pier	16+79.43	8'-9"	694.40	694.40
F	16+89.43	8'-9"	694.35	694.37
G	16+99.43	8'-9"	694.30	694.35
H	17+09.43	8'-9"	694.25	694.31
I	17+19.43	8'-9"	694.20	694.27
J	17+29.43	8'-9"	694.15	694.20
☉ Brg. East Abut.	17+42.26	8'-9"	694.09	694.09
Back of East Abut.	17+46.93	8'-9"	694.07	694.07

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	16+04.98	2'-11"	694.86	694.86
☉ Brg. West Abut.	16+09.64	2'-11"	694.84	694.84
A	16+19.64	2'-11"	694.79	694.82
B	16+29.64	2'-11"	694.74	694.80
C	16+39.64	2'-11"	694.69	694.75
D	16+49.64	2'-11"	694.64	694.69
E	16+59.64	2'-11"	694.59	694.61
☉ Brg. Pier	16+72.48	2'-11"	694.53	694.53
F	16+82.48	2'-11"	694.48	694.49
G	16+92.48	2'-11"	694.43	694.47
H	17+02.48	2'-11"	694.38	694.44
I	17+12.48	2'-11"	694.33	694.39
J	17+22.48	2'-11"	694.28	694.32
☉ Brg. East Abut.	17+35.31	2'-11"	694.22	694.22
Back of East Abut.	17+39.98	2'-11"	694.19	694.19

☉ F.A.S. 1513 & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	16+01.50	0	694.92	694.92
☉ Brg. West Abut.	16+06.17	0	694.90	694.90
A	16+16.17	0	694.85	694.89
B	16+26.17	0	694.80	694.86
C	16+36.17	0	694.75	694.81
D	16+46.17	0	694.70	694.75
E	16+56.17	0	694.65	694.68
☉ Brg. Pier	16+69.00	0	694.59	694.59
F	16+79.00	0	694.54	694.56
G	16+89.00	0	694.49	694.53
H	16+99.00	0	694.44	694.50
I	17+09.00	0	694.39	694.45
J	17+19.00	0	694.34	694.39
☉ Brg. East Abut.	17+31.83	0	694.28	694.28
Back of East Abut.	17+36.50	0	694.26	694.26

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	15+98.02	2'-11"	694.89	694.89
☉ Brg. West Abut.	16+02.69	2'-11"	694.87	694.87
A	16+12.69	2'-11"	694.82	694.86
B	16+22.69	2'-11"	694.77	694.83
C	16+32.69	2'-11"	694.72	694.79
D	16+42.69	2'-11"	694.67	694.72
E	16+52.69	2'-11"	694.62	694.65
☉ Brg. Pier	16+65.52	2'-11"	694.56	694.56
F	16+75.52	2'-11"	694.51	694.53
G	16+85.52	2'-11"	694.46	694.50
H	16+95.52	2'-11"	694.41	694.47
I	17+05.52	2'-11"	694.36	694.43
J	17+15.52	2'-11"	694.31	694.36
☉ Brg. East Abut.	17+28.36	2'-11"	694.25	694.25
Back of East Abut.	17+33.02	2'-11"	694.23	694.23

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	15+91.07	8'-9"	694.83	694.83
☉ Brg. West Abut.	15+95.74	8'-9"	694.81	694.81
A	16+05.74	8'-9"	694.76	694.80
B	16+15.74	8'-9"	694.72	694.77
C	16+25.74	8'-9"	694.67	694.73
D	16+35.74	8'-9"	694.62	694.67
E	16+45.74	8'-9"	694.57	694.59
☉ Brg. Pier	16+58.57	8'-9"	694.50	694.50
F	16+68.57	8'-9"	694.45	694.47
G	16+78.57	8'-9"	694.41	694.45
H	16+88.57	8'-9"	694.36	694.42
I	16+98.57	8'-9"	694.31	694.37
J	17+08.57	8'-9"	694.26	694.30
☉ Brg. East Abut.	17+21.41	8'-9"	694.19	694.19
Back of East Abut.	17+26.07	8'-9"	694.17	694.17

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	15+84.12	14'-7"	694.74	694.74
☉ Brg. West Abut.	15+88.79	14'-7"	694.73	694.73
A	15+98.79	14'-7"	694.69	694.73
B	16+08.79	14'-7"	694.65	694.70
C	16+18.79	14'-7"	694.60	694.66
D	16+28.79	14'-7"	694.55	694.59
E	16+38.79	14'-7"	694.50	694.52
☉ Brg. Pier	16+51.62	14'-7"	694.43	694.43
F	16+61.62	14'-7"	694.38	694.40
G	16+71.62	14'-7"	694.34	694.38
H	16+81.62	14'-7"	694.29	694.35
I	16+91.62	14'-7"	694.24	694.30
J	17+01.62	14'-7"	694.19	694.23
☉ Brg. East Abut.	17+14.45	14'-7"	694.12	694.12
Back of East Abut.	17+19.12	14'-7"	694.10	694.10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TOP OF SLAB ELEVATIONS 2  
 IL ROUTE 10 OVER CAMP CREEK  
 FAS RTE. 1513 SECTION 5BR-1  
 STA. 16+69.00  
 CHAMPAIGN COUNTY STR. 010-0275  
 SCALE: N.T.S. DRAWN BY LP  
 DATE MAY 2007 CHECKED BY MJS

Note: Work this Sheet with Sheet 3 of 19