

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+55.64	-36.00	768.55	768.55
Ⓞ Brg. S Abut.	126+59.15	-36.00	768.59	768.59
A	126+69.15	-36.00	768.70	768.78
B	126+79.15	-36.00	768.81	768.97
C	126+89.15	-36.00	768.92	769.15
D	126+99.15	-36.00	769.03	769.31
E	127+09.15	-36.00	769.14	769.46
F	127+19.15	-36.00	769.25	769.59
G	127+29.15	-36.00	769.36	769.70
H	127+39.15	-36.00	769.47	769.80
I	127+49.15	-36.00	769.58	769.87
J	127+59.15	-36.00	769.69	769.93
K	127+69.15	-36.00	769.80	769.98
L	127+79.15	-36.00	769.91	770.01
Ⓞ Brg. N Abut.	127+91.65	-36.00	770.05	770.05
Bk. N Abut.	127+95.16	-36.00	770.09	770.09

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+54.94	-28.00	768.71	768.71
Ⓞ Brg. S Abut.	126+58.45	-28.00	768.75	768.75
A	126+68.45	-28.00	768.86	768.94
B	126+78.45	-28.00	768.97	769.13
C	126+88.45	-28.00	769.08	769.31
D	126+98.45	-28.00	769.19	769.47
E	127+08.45	-28.00	769.30	769.62
F	127+18.45	-28.00	769.41	769.75
G	127+28.45	-28.00	769.52	769.86
H	127+38.45	-28.00	769.63	769.96
I	127+48.45	-28.00	769.74	770.03
J	127+58.45	-28.00	769.85	770.09
K	127+68.45	-28.00	769.96	770.14
L	127+78.45	-28.00	770.07	770.17
Ⓞ Brg. N Abut.	127+90.95	-28.00	770.21	770.21
Bk. N Abut.	127+94.46	-28.00	770.25	770.25

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+54.24	-20.00	768.87	768.87
Ⓞ Brg. S Abut.	126+57.75	-20.00	768.91	768.91
A	126+67.75	-20.00	769.02	769.10
B	126+77.75	-20.00	769.13	769.29
C	126+87.75	-20.00	769.24	769.47
D	126+97.75	-20.00	769.35	769.63
E	127+07.75	-20.00	769.46	769.78
F	127+17.75	-20.00	769.57	769.91
G	127+27.75	-20.00	769.68	770.02
H	127+37.75	-20.00	769.79	770.12
I	127+47.75	-20.00	769.90	770.19
J	127+57.75	-20.00	770.01	770.25
K	127+67.75	-20.00	770.12	770.30
L	127+77.75	-20.00	770.23	770.33
Ⓞ Brg. N Abut.	127+90.25	-20.00	770.37	770.37
Bk. N Abut.	127+93.76	-20.00	770.40	770.40

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+53.54	-12.00	769.03	769.03
Ⓞ Brg. S Abut.	126+57.05	-12.00	769.07	769.07
A	126+67.05	-12.00	769.18	769.26
B	126+77.05	-12.00	769.29	769.45
C	126+87.05	-12.00	769.40	769.62
D	126+97.05	-12.00	769.51	769.79
E	127+07.05	-12.00	769.62	769.94
F	127+17.05	-12.00	769.73	770.07
G	127+27.05	-12.00	769.84	770.18
H	127+37.05	-12.00	769.95	770.28
I	127+47.05	-12.00	770.06	770.35
J	127+57.05	-12.00	770.17	770.41
K	127+67.05	-12.00	770.28	770.45
L	127+77.05	-12.00	770.39	770.49
Ⓞ Brg. N Abut.	127+89.55	-12.00	770.52	770.52
Bk. N Abut.	127+93.06	-12.00	770.56	770.56

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+52.84	-4.00	769.19	769.19
Ⓞ Brg. S Abut.	126+56.35	-4.00	769.23	769.23
A	126+66.35	-4.00	769.34	769.42
B	126+76.35	-4.00	769.45	769.61
C	126+86.35	-4.00	769.56	769.78
D	126+96.35	-4.00	769.67	769.95
E	127+06.35	-4.00	769.78	770.10
F	127+16.35	-4.00	769.89	770.23
G	127+26.35	-4.00	770.00	770.34
H	127+36.35	-4.00	770.11	770.44
I	127+46.35	-4.00	770.22	770.51
J	127+56.35	-4.00	770.33	770.57
K	127+66.35	-4.00	770.44	770.61
L	127+76.35	-4.00	770.55	770.65
Ⓞ Brg. N Abut.	127+88.85	-4.00	770.68	770.68
Bk. N Abut.	127+92.36	-4.00	770.72	770.72

**SB PGL**

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elev Adj for Dead Load Deflection
Bk. S Abut.	126+52.79	-3.50	769.20	769.20
Ⓞ Brg. S Abut.	126+56.31	-3.50	769.24	769.24
A	126+66.31	-3.50	769.35	769.43
B	126+76.31	-3.50	769.46	769.62
C	126+86.31	-3.50	769.57	769.79
D	126+96.31	-3.50	769.68	769.96
E	127+06.31	-3.50	769.79	770.11
F	127+16.31	-3.50	769.90	770.24
G	127+26.31	-3.50	770.01	770.35
H	127+36.31	-3.50	770.12	770.45
I	127+46.31	-3.50	770.23	770.52
J	127+56.31	-3.50	770.34	770.58
K	127+66.31	-3.50	770.45	770.62
L	127+76.31	-3.50	770.56	770.66
Ⓞ Brg. N Abut.	127+88.81	-3.50	770.69	770.69
Bk. N Abut.	127+92.32	-3.50	770.73	770.73

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DRAWN	- M. LANGE	REVISED	-
DESIGNED	- D. ATKINS	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 5/3/2012	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS II**  
**ILLINOIS ROUTE 31 OVER CRYSTAL CREEK**  
**STRUCTURE NO. 056-0077**

SHEET NO. SA5 OF SA33 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	465
CONTRACT NO. 60F72				
ILLINOIS FED. AID PROJECT				