

McHENRY COUNTY
DIVISION OF TRANSPORTATION

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+62.07	12.5 Lt.	875.95	875.95
CL W. Abut.	509+63.51	12.5 Lt.	875.96	875.96
A	509+73.51	12.5 Lt.	875.97	876.01
B	509+83.51	12.5 Lt.	875.98	876.05
C	509+93.51	12.5 Lt.	875.99	876.08
D	510+03.51	12.5 Lt.	875.98	876.09
E	510+13.51	12.5 Lt.	875.97	876.08
F	510+23.51	12.5 Lt.	875.96	876.05
G	510+33.51	12.5 Lt.	875.94	876.00
H	510+43.51	12.5 Lt.	875.91	875.94
CL E. Abut.	510+52.62	12.5 Lt.	875.88	875.88
Bk. E. Abut.	510+54.07	12.5 Lt.	875.87	875.87

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+58.46	6.25 Lt.	876.05	876.05
CL W. Abut.	509+59.90	6.25 Lt.	876.05	876.05
A	509+69.90	6.25 Lt.	876.07	876.11
B	509+79.90	6.25 Lt.	876.08	876.15
C	509+89.90	6.25 Lt.	876.09	876.18
D	509+99.90	6.25 Lt.	876.08	876.19
E	510+09.90	6.25 Lt.	876.08	876.18
F	510+19.90	6.25 Lt.	876.06	876.16
G	510+29.90	6.25 Lt.	876.05	876.11
H	510+39.90	6.25 Lt.	876.02	876.05
CL E. Abut.	510+49.02	6.25 Lt.	875.99	875.99
Bk. E. Abut.	510+50.46	6.25 Lt.	875.98	875.98

P.G.L. and BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+54.85	0.00	876.13	876.13
CL W. Abut.	509+56.29	0.00	876.14	876.14
A	509+66.29	0.00	876.16	876.20
B	509+76.29	0.00	876.17	876.24
C	509+86.29	0.00	876.18	876.28
D	509+96.29	0.00	876.18	876.29
E	510+06.29	0.00	876.18	876.29
F	510+16.29	0.00	876.17	876.26
G	510+26.29	0.00	876.15	876.22
H	510+36.29	0.00	876.13	876.16
CL E. Abut.	510+45.41	0.00	876.10	876.10
Bk. E. Abut.	510+46.85	0.00	876.10	876.10

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+51.24	6.25 Rt.	876.03	876.03
CL W. Abut.	509+52.68	6.25 Rt.	876.03	876.03
A	509+62.68	6.25 Rt.	876.05	876.09
B	509+72.68	6.25 Rt.	876.07	876.14
C	509+82.68	6.25 Rt.	876.08	876.18
D	509+92.68	6.25 Rt.	876.09	876.19
E	510+02.68	6.25 Rt.	876.08	876.19
F	510+12.68	6.25 Rt.	876.07	876.17
G	510+22.68	6.25 Rt.	876.06	876.13
H	510+32.68	6.25 Rt.	876.04	876.07
CL E. Abut.	510+41.80	6.25 Rt.	876.01	876.01
Bk. E. Abut.	510+43.24	6.25 Rt.	876.01	876.01

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+47.63	12.5 Rt.	875.92	875.92
CL W. Abut.	509+49.08	12.5 Rt.	875.92	875.92
A	509+59.08	12.5 Rt.	875.95	875.98
B	509+69.08	12.5 Rt.	875.97	876.04
C	509+79.08	12.5 Rt.	875.98	876.07
D	509+89.08	12.5 Rt.	875.98	876.09
E	509+99.08	12.5 Rt.	875.98	876.09
F	510+09.08	12.5 Rt.	875.98	876.07
G	510+19.08	12.5 Rt.	875.97	876.03
H	510+29.08	12.5 Rt.	875.95	875.98
CL E. Abut.	510+38.19	12.5 Rt.	875.92	875.92
Bk. E. Abut.	510+39.63	12.5 Rt.	875.92	875.92

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	509+44.02	18.75 Rt.	875.78	875.78
CL W. Abut.	509+45.47	18.75 Rt.	875.78	875.78
A	509+55.47	18.75 Rt.	875.81	875.85
B	509+65.47	18.75 Rt.	875.83	875.90
C	509+75.47	18.75 Rt.	875.84	875.94
D	509+85.47	18.75 Rt.	875.85	875.96
E	509+95.47	18.75 Rt.	875.86	875.96
F	510+05.47	18.75 Rt.	875.85	875.94
G	510+15.47	18.75 Rt.	875.84	875.91
H	510+25.47	18.75 Rt.	875.82	875.86
CL E. Abut.	510+34.58	18.75 Rt.	875.80	875.80
Bk. E. Abut.	510+36.02	18.75 Rt.	875.80	875.80

Note:
Work this sheet with Sheet S-3.

TOP OF SLAB ELEVATIONS NO. 2
STRUCTURE NO. 056-3179

DESIGNED - AMK
CHECKED - EKM
DRAWN - RD
CHECKED - EKM



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SHEET NO. S-4	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S-21 SHEETS	1233	06-00321-00-BR	McHENRY	48	22
			CONTRACT NO. 63516		
ILLINOIS FED. AID PROJECT					

rdm/ley

8/2/2010

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