

McHENRY COUNTY
DIVISION OF TRANSPORTATION

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+60.46	10.75 Lt.	850.18	850.18
CL W. Abut.	106+61.90	10.75 Lt.	850.19	850.19
A	106+71.90	10.75 Lt.	850.25	850.28
B	106+81.90	10.75 Lt.	850.30	850.36
C	106+91.90	10.75 Lt.	850.36	850.44
D	107+01.90	10.75 Lt.	850.42	850.51
E	107+11.90	10.75 Lt.	850.47	850.56
F	107+21.90	10.75 Lt.	850.53	850.61
G	107+31.90	10.75 Lt.	850.59	850.65
H	107+41.90	10.75 Lt.	850.64	850.68
CL E. Abut.	107+52.26	10.75 Lt.	850.70	850.70
Bk. E. Abut.	107+53.71	10.75 Lt.	850.71	850.71

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+56.32	3.58 Lt.	850.27	850.27
CL W. Abut.	106+57.76	3.58 Lt.	850.28	850.28
A	106+67.76	3.58 Lt.	850.33	850.37
B	106+77.76	3.58 Lt.	850.39	850.45
C	106+87.76	3.58 Lt.	850.45	850.53
D	106+97.76	3.58 Lt.	850.50	850.60
E	107+07.76	3.58 Lt.	850.56	850.65
F	107+17.76	3.58 Lt.	850.62	850.70
G	107+27.76	3.58 Lt.	850.68	850.74
H	107+37.76	3.58 Lt.	850.73	850.77
CL E. Abut.	107+48.13	3.58 Lt.	850.79	850.79
Bk. E. Abut.	107+49.57	3.58 Lt.	850.80	850.80

☉ Roadway & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+54.25	0.00	850.31	850.31
CL W. Abut.	106+55.69	0.00	850.32	850.32
A	106+65.69	0.00	850.38	850.41
B	106+75.69	0.00	850.43	850.49
C	106+85.69	0.00	850.49	850.57
D	106+95.69	0.00	850.55	850.64
E	107+05.69	0.00	850.61	850.70
F	107+15.69	0.00	850.66	850.74
G	107+25.69	0.00	850.72	850.78
H	107+35.69	0.00	850.78	850.81
CL E. Abut.	107+46.06	0.00	850.84	850.84
Bk. E. Abut.	107+47.50	0.00	850.84	850.84

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+52.18	3.58 Rt.	850.24	850.24
CL W. Abut.	106+53.62	3.58 Rt.	850.25	850.25
A	106+63.62	3.58 Rt.	850.31	850.34
B	106+73.62	3.58 Rt.	850.37	850.43
C	106+83.62	3.58 Rt.	850.42	850.50
D	106+93.62	3.58 Rt.	850.48	850.57
E	107+03.62	3.58 Rt.	850.54	850.63
F	107+13.62	3.58 Rt.	850.60	850.68
G	107+23.62	3.58 Rt.	850.65	850.71
H	107+33.62	3.58 Rt.	850.71	850.74
CL E. Abut.	107+43.99	3.58 Rt.	850.77	850.77
Bk. E. Abut.	107+45.43	3.58 Rt.	850.78	850.78

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+48.04	10.75 Rt.	850.11	850.11
CL W. Abut.	106+49.49	10.75 Rt.	850.12	850.12
A	106+59.49	10.75 Rt.	850.17	850.21
B	106+69.49	10.75 Rt.	850.23	850.29
C	106+79.49	10.75 Rt.	850.29	850.37
D	106+89.49	10.75 Rt.	850.35	850.44
E	106+99.49	10.75 Rt.	850.40	850.49
F	107+09.49	10.75 Rt.	850.46	850.54
G	107+19.49	10.75 Rt.	850.52	850.58
H	107+29.49	10.75 Rt.	850.57	850.61
CL E. Abut.	107+39.85	10.75 Rt.	850.63	850.63
Bk. E. Abut.	107+41.29	10.75 Rt.	850.64	850.64

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+43.91	17.92 Rt.	849.94	849.94
CL W. Abut.	106+45.35	17.92 Rt.	849.95	849.95
A	106+55.35	17.92 Rt.	850.01	850.04
B	106+65.35	17.92 Rt.	850.06	850.12
C	106+75.35	17.92 Rt.	850.12	850.20
D	106+85.35	17.92 Rt.	850.18	850.27
E	106+95.35	17.92 Rt.	850.24	850.33
F	107+05.35	17.92 Rt.	850.29	850.37
G	107+15.35	17.92 Rt.	850.35	850.41
H	107+25.35	17.92 Rt.	850.41	850.44
CL E. Abut.	107+35.71	17.92 Rt.	850.47	850.47
Bk. E. Abut.	107+37.16	17.92 Rt.	850.47	850.47

Note:
Work this sheet with Sheet S-3.

**TOP OF SLAB ELEVATIONS NO. 2
STRUCTURE NO. 056-3173**

SHEET NO. S-4 OF S-20 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		05-00310-00-BR	McHENRY	44	20
	CONTRACT NO. 63114				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

DESIGNED	AMK
CHECKED	EKM
DRAWN	RD
CHECKED	EKM



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