

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+62.67	-17.92	820.98	820.98
☉ of Bearing	205+64.00	-17.92	820.93	820.93
A	205+74.00	-17.92	820.57	820.58
B	205+84.00	-17.92	820.21	820.22
C	205+94.00	-17.92	819.85	819.85
☉ of Pier 1	206+07.00	-17.92	819.37	819.37
D	206+17.00	-17.92	819.01	819.03
E	206+27.00	-17.92	818.65	818.69
F	206+37.00	-17.92	818.29	818.33
G	206+47.00	-17.92	817.92	817.96
H	206+57.00	-17.92	817.56	817.58
☉ of Pier 2	206+67.00	-17.92	817.20	817.20
I	206+77.00	-17.92	816.83	816.84
J	206+87.00	-17.92	816.47	816.48
K	206+97.00	-17.92	816.11	816.12
☉ of Bearing	207+10.00	-17.92	815.63	815.63
Bk. N. Abut.	207+11.33	-17.92	815.57	815.57

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+60.06	-10.75	821.19	821.19
☉ of Bearing	205+61.40	-10.75	821.14	821.14
A	205+71.40	-10.75	820.78	820.79
B	205+81.40	-10.75	820.42	820.43
C	205+91.40	-10.75	820.05	820.06
☉ of Pier 1	206+04.39	-10.75	819.58	819.58
D	206+14.39	-10.75	819.22	819.24
E	206+24.39	-10.75	818.85	818.89
F	206+34.39	-10.75	818.49	818.54
G	206+44.39	-10.75	818.13	818.17
H	206+54.39	-10.75	817.77	817.78
☉ of Pier 2	206+64.39	-10.75	817.40	817.40
I	206+74.39	-10.75	817.04	817.04
J	206+84.39	-10.75	816.68	816.69
K	206+94.39	-10.75	816.31	816.33
☉ of Bearing	207+07.39	-10.75	815.84	815.84
Bk. N. Abut.	207+08.72	-10.75	815.78	815.78

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+57.45	-3.58	821.40	821.40
☉ of Bearing	205+58.79	-3.58	821.35	821.35
A	205+68.79	-3.58	820.99	821.00
B	205+78.79	-3.58	820.62	820.64
C	205+88.79	-3.58	820.26	820.27
☉ of Pier 1	206+01.78	-3.58	819.79	819.79
D	206+11.78	-3.58	819.42	819.44
E	206+21.78	-3.58	819.06	819.10
F	206+31.78	-3.58	818.70	818.75
G	206+41.78	-3.58	818.34	818.37
H	206+51.78	-3.58	817.97	817.99
☉ of Pier 2	206+61.78	-3.58	817.61	817.61
I	206+71.78	-3.58	817.25	817.25
J	206+81.78	-3.58	816.88	816.90
K	206+91.78	-3.58	816.52	816.53
☉ of Bearing	207+04.78	-3.58	816.05	816.05
Bk. N. Abut.	207+06.11	-3.58	815.99	815.99

PROFILE GRADE LINE AND BASELINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+56.15	0.00	821.50	821.50
☉ of Bearing	205+57.48	0.00	821.45	821.45
A	205+67.48	0.00	821.09	821.10
B	205+77.48	0.00	820.73	820.74
C	205+87.48	0.00	820.36	820.37
☉ of Pier 1	206+00.48	0.00	819.89	819.89
D	206+10.48	0.00	819.53	819.55
E	206+20.48	0.00	819.16	819.20
F	206+30.48	0.00	818.80	818.85
G	206+40.48	0.00	818.44	818.48
H	206+50.48	0.00	818.08	818.09
☉ of Pier 2	206+60.48	0.00	817.71	817.71
I	206+70.48	0.00	817.35	817.35
J	206+80.48	0.00	816.99	817.00
K	206+90.48	0.00	816.62	816.64
☉ of Bearing	207+03.48	0.00	816.15	816.15
Bk. N. Abut.	207+04.81	0.00	816.10	816.10

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+54.85	3.58	821.48	821.48
☉ of Bearing	205+56.18	3.58	821.44	821.44
A	205+66.18	3.58	821.08	821.09
B	205+76.18	3.58	820.72	820.73
C	205+86.18	3.58	820.35	820.36
☉ of Pier 1	205+99.18	3.58	819.88	819.88
D	206+09.18	3.58	819.52	819.54
E	206+19.18	3.58	819.16	819.20
F	206+29.18	3.58	818.79	818.84
G	206+39.18	3.58	818.43	818.47
H	206+49.18	3.58	818.07	818.09
☉ of Pier 2	206+59.18	3.58	817.70	817.70
I	206+69.18	3.58	817.34	817.34
J	206+79.18	3.58	816.98	816.99
K	206+89.18	3.58	816.62	816.63
☉ of Bearing	207+02.18	3.58	816.14	816.14
Bk. N. Abut.	207+03.51	3.58	816.10	816.10

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+52.24	10.75	821.45	821.45
☉ of Bearing	205+53.57	10.75	821.41	821.41
A	205+63.57	10.75	821.06	821.07
B	205+73.57	10.75	820.70	820.71
C	205+83.57	10.75	820.34	820.34
☉ of Pier 1	205+96.57	10.75	819.86	819.86
D	206+06.57	10.75	819.50	819.52
E	206+16.57	10.75	819.14	819.18
F	206+26.57	10.75	818.78	818.82
G	206+36.57	10.75	818.41	818.45
H	206+46.57	10.75	818.05	818.07
☉ of Pier 2	206+56.57	10.75	817.69	817.69
I	206+66.57	10.75	817.32	817.33
J	206+76.57	10.75	816.96	816.97
K	206+86.57	10.75	816.60	816.61
☉ of Bearing	206+99.57	10.75	816.13	816.13
Bk. N. Abut.	207+00.90	10.75	816.08	816.08

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	205+49.63	17.92	821.42	821.42
☉ of Bearing	205+50.96	17.92	821.38	821.38
A	205+60.96	17.92	821.05	821.06
B	205+70.96	17.92	820.68	820.70
C	205+80.96	17.92	820.32	820.33
☉ of Pier 1	205+93.96	17.92	819.85	819.85
D	206+03.96	17.92	819.48	819.50
E	206+13.96	17.92	819.12	819.16
F	206+23.96	17.92	818.76	818.81
G	206+33.96	17.92	818.40	818.43
H	206+43.96	17.92	818.03	818.05
☉ of Pier 2	206+53.96	17.92	817.67	817.67
I	206+63.96	17.92	817.31	817.31
J	206+73.96	17.92	816.94	816.96
K	206+83.96	17.92	816.58	816.59
☉ of Bearing	206+96.96	17.92	816.11	816.11
Bk. N. Abut.	206+98.29	17.92	816.06	816.06

TOP OF SLAB ELEVATIONS
THOMPSON ROAD
OVER NIPPERSINK CREEK
SECTION NO. 06-00005-00-BR
McHENRY COUNTY
STATION 206+30.48
STRUCTURE NO. 056-6006

DATE: 11/18/09

DESIGNED	MGH/JPG
CHECKED	KMA
DRAWN	WJH
CHECKED	RGD



SHEET NO. S-10	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4081	06-00005-00-BR	McHENRY	45	21
S-25 SHEETS		CONTRACT NO. 63409			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT		

FILE NAME: 060563_1002.dgn/10-2009
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl