

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+26.25	26.02	707.85	707.85
☉ Brg. E. Abut.	310+27.56	25.97	707.87	707.87
A	310+37.47	25.60	708.03	708.06
B	310+47.37	25.27	708.18	708.23
C	310+57.28	24.97	708.33	708.38
D	310+67.19	24.71	708.48	708.51
E	310+77.10	24.48	708.63	708.64
☉ Brg. Pier 1	310+84.51	24.33	708.74	708.74
F	310+94.42	24.16	708.88	708.90
G	311+04.34	24.03	709.03	709.06
H	311+14.25	23.93	709.17	709.22
I	311+24.17	23.86	709.31	709.36
J	311+34.09	23.83	709.45	709.49
K	311+44.00	23.84	709.59	709.60
☉ Brg. Pier 2	311+51.74	23.87	709.70	709.70
L	311+61.65	23.93	709.83	709.84
M	311+71.57	24.03	709.97	709.99
N	311+81.48	24.17	710.10	710.13
O	311+91.40	24.34	710.23	710.25
P	312+01.31	24.54	710.36	710.37
☉ Brg. Pier 3	312+07.41	24.69	710.44	710.44
Q	312+17.32	24.95	710.57	710.58
R	312+27.22	25.24	710.70	710.73
S	312+37.13	25.57	710.82	710.85
T	312+47.04	25.94	710.94	710.96
☉ Brg. W. Abut.	312+52.79	26.17	711.01	711.01
Back of W. Abut.	312+54.10	26.22	711.03	711.03

BEAM 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+29.13	33.41	708.30	708.30
☉ Brg. E. Abut.	310+30.44	33.36	708.32	708.32
A	310+40.32	33.01	708.48	708.51
B	310+50.20	32.68	708.63	708.69
C	310+60.08	32.40	708.78	708.83
D	310+69.97	32.14	708.93	708.96
E	310+79.85	31.92	709.08	709.09
☉ Brg. Pier 1	310+87.24	31.78	709.19	709.19
F	310+97.13	31.62	709.33	709.34
G	311+07.02	31.50	709.48	709.51
H	311+16.91	31.41	709.62	709.67
I	311+26.80	31.35	709.76	709.81
J	311+36.69	31.33	709.90	709.93
K	311+46.58	31.35	710.04	710.05
☉ Brg. Pier 2	311+54.29	31.38	710.14	710.14
L	311+64.18	31.46	710.28	710.28
M	311+74.08	31.57	710.41	710.43
N	311+83.97	31.71	710.54	710.57
O	311+93.85	31.89	710.67	710.69
P	312+03.74	32.10	710.80	710.81
☉ Brg. Pier 3	312+09.82	32.25	710.88	710.88
Q	312+19.70	32.52	711.01	711.02
R	312+29.58	32.82	711.13	711.16
S	312+39.46	33.16	711.26	711.29
T	312+49.34	33.53	711.38	711.39
☉ Brg. W. Abut.	312+55.08	33.76	711.45	711.45
Back of W. Abut.	312+56.39	33.82	711.47	711.47

BEAM 15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+31.99	40.81	708.76	708.76
☉ Brg. E. Abut.	310+33.30	40.76	708.78	708.78
A	310+43.15	40.41	708.93	708.96
B	310+53.01	40.10	709.08	709.14
C	310+62.87	39.82	709.23	709.29
D	310+72.73	39.58	709.38	709.41
E	310+82.59	39.37	709.53	709.53
☉ Brg. Pier 1	310+89.95	39.24	709.63	709.63
F	310+99.82	39.09	709.78	709.79
G	311+09.68	38.97	709.92	709.95
H	311+19.55	38.89	710.06	710.11
I	311+29.42	38.84	710.20	710.25
J	311+39.27	38.83	710.34	710.38
K	311+49.14	38.86	710.48	710.49
☉ Brg. Pier 2	311+56.84	38.90	710.58	710.58
L	311+66.70	38.98	710.72	710.73
M	311+76.57	39.10	710.85	710.87
N	311+86.43	39.25	710.98	711.01
O	311+96.29	39.44	711.11	711.13
P	312+06.16	39.66	711.24	711.25
☉ Brg. Pier 3	312+12.22	39.81	711.32	711.32
Q	312+22.07	40.09	711.45	711.46
R	312+31.93	40.40	711.57	711.60
S	312+41.79	40.75	711.69	711.73
T	312+51.64	41.13	711.82	711.83
☉ Brg. W. Abut.	312+57.36	41.37	711.89	711.89
Back of W. Abut.	312+58.66	41.42	711.90	711.90

BEAM 16

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+34.84	48.21	709.21	709.21
☉ Brg. E. Abut.	310+36.14	48.16	709.23	709.23
A	310+45.97	47.82	709.38	709.42
B	310+55.80	47.52	709.53	709.59
C	310+65.64	47.25	709.68	709.73
D	310+75.47	47.02	709.83	709.86
E	310+85.31	46.82	709.97	709.98
☉ Brg. Pier 1	310+92.66	46.69	710.08	710.08
F	311+02.50	46.55	710.23	710.24
G	311+12.34	46.45	710.37	710.40
H	311+22.18	46.37	710.51	710.56
I	311+32.02	46.34	710.65	710.70
J	311+41.85	46.34	710.79	710.82
K	311+51.69	46.37	710.92	710.93
☉ Brg. Pier 2	311+59.37	46.42	711.03	711.03
L	311+69.21	46.51	711.16	711.17
M	311+79.05	46.64	711.29	711.31
N	311+88.89	46.80	711.42	711.45
O	311+98.72	46.99	711.55	711.57
P	312+08.56	47.22	711.68	711.69
☉ Brg. Pier 3	312+14.60	47.38	711.76	711.76
Q	312+24.44	47.67	711.88	711.90
R	312+34.27	47.99	712.01	712.04
S	312+44.09	48.34	712.13	712.16
T	312+53.92	48.73	712.25	712.27
☉ Brg. W. Abut.	312+59.63	48.97	712.32	712.32
Back of W. Abut.	312+60.93	49.03	712.34	712.34

DESIGNED	PMH
CHECKED	MJL
DRAWN	PMH
CHECKED	MJL

 **McDonough Associates Inc.**
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SHEET NO. SH-10 SHEETS SH-56	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(46-2) HBR	KANKAKEE	558	281
CONTRACT NO. 66409					
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					

TOP OF SLAB ELEVATIONS 6 OF 7
STRUCTURE NO. 046-0144 (S.B.)
& STRUCTURE NO. 046-0145 (N.B.)