

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+03.78	-30.32	705.85	705.85
⊙ Brg. E. Abut.	310+05.12	-30.38	705.87	705.87
A	310+15.22	-30.83	706.03	706.06
B	310+25.32	-31.24	706.19	706.24
C	310+35.43	-31.61	706.35	706.40
D	310+45.53	-31.95	706.50	706.54
E	310+55.64	-32.26	706.66	706.67
⊙ Brg. Pier 1	310+63.19	-32.46	706.77	706.77
F	310+73.30	-32.70	706.92	706.94
G	310+83.42	-32.91	707.08	707.11
H	310+93.53	-33.08	707.22	707.27
I	311+03.65	-33.22	707.37	707.42
J	311+13.76	-33.32	707.52	707.55
K	311+23.88	-33.39	707.66	707.68
⊙ Brg. Pier 2	311+31.78	-33.41	707.77	707.77
L	311+41.89	-33.42	707.92	707.92
M	311+52.01	-33.38	708.06	708.08
N	311+62.12	-33.31	708.20	708.22
O	311+72.24	-33.21	708.33	708.35
P	311+82.36	-33.07	708.47	708.47
⊙ Brg. Pier 3	311+88.57	-32.97	708.55	708.55
Q	311+98.69	-32.78	708.68	708.70
R	312+08.80	-32.55	708.81	708.84
S	312+18.91	-32.28	708.94	708.97
T	312+29.02	-31.98	709.07	709.09
⊙ Brg. W. Abut.	312+34.89	-31.79	709.14	709.14
Back of W. Abut.	312+36.23	-31.74	709.16	709.16

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+06.78	-22.95	706.30	706.30
⊙ Brg. E. Abut.	310+08.11	-23.01	706.32	706.32
A	310+18.19	-23.45	706.48	706.52
B	310+28.26	-23.85	706.64	706.70
C	310+38.34	-24.21	706.80	706.85
D	310+48.42	-24.54	706.96	706.99
E	310+58.50	-24.83	707.11	707.12
⊙ Brg. Pier 1	310+66.03	-25.03	707.22	707.22
F	310+76.12	-25.26	707.37	707.39
G	310+86.20	-25.46	707.52	707.56
H	310+96.29	-25.62	707.67	707.72
I	311+06.38	-25.75	707.82	707.87
J	311+16.47	-25.84	707.97	708.00
K	311+26.56	-25.90	708.11	708.12
⊙ Brg. Pier 2	311+34.44	-25.92	708.22	708.22
L	311+44.52	-25.91	708.36	708.37
M	311+54.61	-25.87	708.50	708.52
N	311+64.70	-25.79	708.64	708.66
O	311+74.79	-25.68	708.77	708.79
P	311+84.88	-25.53	708.91	708.91
⊙ Brg. Pier 3	311+91.08	-25.42	708.99	708.99
Q	312+01.17	-25.22	709.12	709.14
R	312+11.26	-24.98	709.25	709.28
S	312+21.34	-24.71	709.38	709.41
T	312+31.42	-24.40	709.51	709.52
⊙ Brg. W. Abut.	312+37.28	-24.20	709.58	709.58
Back of W. Abut.	312+38.61	-24.16	709.60	709.60

**STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+08.96	-17.54	706.64	706.64
⊙ Brg. E. Abut.	310+10.30	-17.60	706.66	706.66
A	310+20.35	-18.03	706.82	706.85
B	310+30.41	-18.42	706.98	707.03
C	310+40.46	-18.78	707.13	707.19
D	310+50.53	-19.10	707.29	707.32
E	310+60.59	-19.39	707.44	707.45
⊙ Brg. Pier 1	310+68.11	-19.58	707.55	707.55
F	310+78.17	-19.80	707.70	707.72
G	310+88.24	-19.99	707.85	707.89
H	310+98.31	-20.15	708.00	708.05
I	311+08.38	-20.27	708.15	708.20
J	311+18.45	-20.35	708.29	708.33
K	311+28.52	-20.40	708.44	708.45
⊙ Brg. Pier 2	311+36.38	-20.42	708.55	708.55
L	311+46.45	-20.40	708.69	708.69
M	311+56.52	-20.36	708.83	708.84
N	311+66.59	-20.27	708.96	708.99
O	311+76.66	-20.15	709.10	709.12
P	311+86.73	-20.00	709.23	709.24
⊙ Brg. Pier 3	311+92.92	-19.89	709.31	709.31
Q	312+02.98	-19.68	709.45	709.46
R	312+13.05	-19.43	709.58	709.61
S	312+23.11	-19.15	709.70	709.74
T	312+33.17	-18.84	709.83	709.85
⊙ Brg. W. Abut.	312+39.02	-18.64	709.90	709.90
Back of W. Abut.	312+40.35	-18.59	709.92	709.92

**BEAM 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+09.76	-15.58	706.76	706.76
⊙ Brg. E. Abut.	310+11.09	-15.64	706.78	706.78
A	310+21.13	-16.06	706.94	706.97
B	310+31.18	-16.45	707.10	707.15
C	310+41.24	-16.80	707.25	707.31
D	310+51.29	-17.12	707.41	707.44
E	310+61.35	-17.41	707.56	707.57
⊙ Brg. Pier 1	310+68.86	-17.60	707.67	707.67
F	310+78.92	-17.82	707.82	707.84
G	310+88.98	-18.01	707.97	708.01
H	310+99.04	-18.16	708.12	708.17
I	311+09.10	-18.28	708.27	708.32
J	311+19.17	-18.36	708.41	708.45
K	311+29.23	-18.41	708.55	708.57
⊙ Brg. Pier 2	311+37.09	-18.42	708.67	708.67
L	311+47.14	-18.40	708.81	708.81
M	311+57.21	-18.35	708.94	708.96
N	311+67.27	-18.27	709.08	709.11
O	311+77.33	-18.15	709.22	709.23
P	311+87.40	-17.99	709.35	709.35
⊙ Brg. Pier 3	311+93.58	-17.88	709.43	709.43
Q	312+03.64	-17.66	709.56	709.58
R	312+13.70	-17.42	709.69	709.72
S	312+23.76	-17.13	709.82	709.85
T	312+33.81	-16.82	709.95	709.96
⊙ Brg. W. Abut.	312+39.65	-16.61	710.02	710.02
Back of W. Abut.	312+40.98	-16.57	710.04	710.04

DESIGNED	PMH
CHECKED	MJL
DRAWN	PMH
CHECKED	MJL



**McDonough Associates Inc.**  
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**TOP OF SLAB ELEVATIONS 3 OF 7  
STRUCTURE NO. 046-0144 (S.B.)  
& STRUCTURE NO. 046-0145 (N.B.)**

SHEET NO. SH-7 SHEETS SH-56	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(46-2) HBR	KANKAKEE	558	278
CONTRACT NO. 66409					
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					