

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+20.45	11.24	706.94	706.94
☉ Brg. E. Abut.	310+21.77	11.19	706.96	706.96
A	310+31.72	10.80	707.12	707.15
B	310+41.68	10.45	707.27	707.33
C	310+51.64	10.13	707.43	707.48
D	310+61.60	9.85	707.58	707.61
E	310+71.56	9.60	707.73	707.74
☉ Brg. Pier 1	310+79.00	9.44	707.84	707.84
F	310+88.97	9.25	707.99	708.00
G	310+98.94	9.10	708.13	708.17
H	311+08.90	8.98	708.28	708.33
I	311+18.87	8.89	708.42	708.47
J	311+28.84	8.85	708.56	708.60
K	311+38.80	8.83	708.70	708.72
☉ Brg. Pier 2	311+46.58	8.85	708.81	708.81
L	311+56.55	8.89	708.95	708.95
M	311+66.52	8.98	709.08	709.10
N	311+76.49	9.10	709.22	709.24
O	311+86.45	9.25	709.35	709.37
P	311+96.42	9.44	709.48	709.49
☉ Brg. Pier 3	312+02.54	9.57	709.56	709.56
Q	312+12.51	9.81	709.69	709.71
R	312+22.47	10.09	709.82	709.85
S	312+32.43	10.40	709.94	709.98
T	312+42.39	10.75	710.07	710.08
☉ Brg. W. Abut.	312+48.17	10.97	710.14	710.14
Back of W. Abut.	312+49.49	11.02	710.16	710.16

NB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+21.34	13.50	707.08	707.08
☉ Brg. E. Abut.	310+22.68	13.50	707.11	707.11
A	310+32.62	13.50	707.28	707.32
B	310+42.57	13.50	707.46	707.51
C	310+52.52	13.50	707.63	707.68
D	310+62.46	13.50	707.79	707.83
E	310+72.41	13.50	707.95	707.97
☉ Brg. Pier 1	310+80.51	13.50	708.09	708.09
F	310+90.46	13.50	708.24	708.25
G	311+00.40	13.50	708.40	708.43
H	311+10.35	13.50	708.55	708.59
I	311+20.30	13.50	708.69	708.74
J	311+30.24	13.50	708.84	708.87
K	311+40.18	13.50	708.98	708.99
☉ Brg. Pier 2	311+48.18	13.50	709.09	709.09
L	311+58.12	13.50	709.22	709.23
M	311+68.06	13.50	709.35	709.37
N	311+78.00	13.50	709.48	709.50
O	311+87.93	13.50	709.60	709.62
P	311+97.87	13.50	709.72	709.73
☉ Brg. Pier 3	312+03.81	13.50	709.79	709.79
Q	312+13.75	13.50	709.91	709.92
R	312+23.69	13.50	710.02	710.05
S	312+33.63	13.50	710.13	710.16
T	312+43.56	13.50	710.23	710.24
☉ Brg. W. Abut.	312+48.94	13.50	710.29	710.29
Back of W. Abut.	312+50.24	13.50	710.30	710.30

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+23.36	18.63	707.40	707.40
☉ Brg. E. Abut.	310+24.67	18.58	707.42	707.42
A	310+34.60	18.20	707.57	707.61
B	310+44.53	17.86	707.73	707.78
C	310+54.47	17.55	707.88	707.93
D	310+64.40	17.28	708.03	708.06
E	310+74.34	17.04	708.18	708.19
☉ Brg. Pier 1	310+81.76	16.88	708.29	708.29
F	310+91.70	16.70	708.44	708.45
G	311+01.64	16.56	708.58	708.61
H	311+11.59	16.45	708.73	708.77
I	311+21.53	16.38	708.87	708.92
J	311+31.47	16.34	709.01	709.04
K	311+41.41	16.33	709.15	709.16
☉ Brg. Pier 2	311+49.17	16.36	709.26	709.26
L	311+59.11	16.41	709.39	709.40
M	311+69.05	16.50	709.53	709.55
N	311+78.99	16.63	709.66	709.68
O	311+88.93	16.79	709.79	709.81
P	311+98.87	16.99	709.92	709.93
☉ Brg. Pier 3	312+04.98	17.13	710.00	710.00
Q	312+14.92	17.38	710.13	710.14
R	312+24.85	17.67	710.26	710.29
S	312+34.79	17.99	710.38	710.41
T	312+44.72	18.34	710.51	710.52
☉ Brg. W. Abut.	312+50.49	18.57	710.58	710.58
Back of W. Abut.	312+51.80	18.62	710.59	710.59

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	310+24.13	20.60	707.52	707.52
☉ Brg. E. Abut.	310+25.44	20.55	707.54	707.54
A	310+35.37	20.17	707.69	707.73
B	310+45.29	19.83	707.85	707.90
C	310+55.22	19.53	708.00	708.05
D	310+65.15	19.26	708.15	708.18
E	310+75.08	19.02	708.30	708.31
☉ Brg. Pier 1	310+82.50	18.87	708.41	708.41
F	310+92.43	18.69	708.56	708.57
G	311+02.36	18.55	708.70	708.73
H	311+12.30	18.45	708.84	708.89
I	311+22.24	18.37	708.99	709.03
J	311+32.17	18.34	709.13	709.16
K	311+42.10	18.34	709.27	709.28
☉ Brg. Pier 2	311+49.85	18.36	709.37	709.37
L	311+59.79	18.42	709.51	709.52
M	311+69.72	18.51	709.64	709.66
N	311+79.66	18.64	709.78	709.80
O	311+89.59	18.81	709.91	709.93
P	311+99.52	19.00	710.04	710.04
☉ Brg. Pier 3	312+05.63	19.14	710.12	710.12
Q	312+15.56	19.40	710.25	710.26
R	312+25.49	19.69	710.37	710.40
S	312+35.41	20.01	710.50	710.53
T	312+45.34	20.37	710.62	710.64
☉ Brg. W. Abut.	312+51.10	20.59	710.69	710.69
Back of W. Abut.	312+52.41	20.65	710.71	710.71

DESIGNED	PMH
CHECKED	MJL
DRAWN	PMH
CHECKED	MJL

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SHEET NO. SH-9 SHEETS SH-56	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(46-2) HBR	KANKAKEE	558	280
CONTRACT NO. 66409					
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					

**TOP OF SLAB ELEVATIONS 5 OF 7
STRUCTURE NO. 046-0144 (S.B.)
& STRUCTURE NO. 046-0145 (N.B.)**