

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	324+99.76	-86.64	708.48	708.48
☉ Brg. E. Abut.	325+01.02	-86.58	708.48	708.48
A	325+11.01	-86.04	708.44	708.46
B	325+20.99	-85.51	708.40	708.42
C	325+30.98	-84.98	708.36	708.38
D	325+40.96	-84.44	708.32	708.33
☉ Brg. Pier 1	325+51.36	-83.89	708.28	708.28
E	325+61.34	-83.35	708.24	708.26
F	325+71.33	-82.82	708.20	708.24
G	325+81.31	-82.29	708.16	708.22
H	325+91.30	-81.75	708.12	708.18
I	326+01.28	-81.22	708.08	708.12
J	326+11.27	-80.69	708.04	708.06
☉ Brg. Pier 2	326+19.04	-80.27	708.01	708.01
K	326+29.02	-79.74	707.97	707.98
L	326+39.01	-79.21	707.93	707.95
M	326+48.99	-78.67	707.90	707.92
N	326+58.98	-78.14	707.86	707.87
☉ Brg. W. Abut.	326+69.37	-77.58	707.82	707.82
Back of W. Abut.	326+70.64	-77.52	707.81	707.81

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+00.52	-78.76	708.64	708.64
☉ Brg. E. Abut.	325+01.78	-78.72	708.63	708.63
A	325+11.77	-78.36	708.59	708.61
B	325+21.76	-78.00	708.55	708.57
C	325+31.76	-77.65	708.50	708.52
D	325+41.75	-77.29	708.46	708.47
☉ Brg. Pier 1	325+52.03	-76.93	708.42	708.42
E	325+62.02	-76.57	708.37	708.39
F	325+72.01	-76.21	708.33	708.37
G	325+82.01	-75.86	708.29	708.35
H	325+92.00	-75.50	708.24	708.30
I	326+01.99	-75.14	708.20	708.24
J	326+11.99	-74.79	708.16	708.17
☉ Brg. Pier 2	326+19.59	-74.52	708.13	708.13
K	326+29.59	-74.16	708.08	708.09
L	326+39.58	-73.80	708.04	708.06
M	326+49.57	-73.45	708.00	708.02
N	326+59.57	-73.09	707.95	707.97
☉ Brg. W. Abut.	326+69.84	-72.72	707.91	707.91
Back of W. Abut.	326+71.10	-72.68	707.90	707.90

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+01.27	-70.88	708.79	708.79
☉ Brg. E. Abut.	325+02.53	-70.86	708.78	708.78
A	325+12.53	-70.68	708.74	708.76
B	325+22.53	-70.50	708.69	708.72
C	325+32.53	-70.32	708.64	708.66
D	325+42.53	-70.14	708.60	708.60
☉ Brg. Pier 1	325+52.70	-69.96	708.55	708.55
E	325+62.69	-69.78	708.50	708.52
F	325+72.69	-69.61	708.46	708.50
G	325+82.69	-69.43	708.41	708.47
H	325+92.69	-69.25	708.37	708.42
I	326+02.69	-69.07	708.32	708.36
J	326+12.69	-68.89	708.27	708.28
☉ Brg. Pier 2	326+20.15	-68.76	708.24	708.24
K	326+30.14	-68.58	708.19	708.20
L	326+40.14	-68.40	708.14	708.16
M	326+50.14	-68.22	708.10	708.12
N	326+60.14	-68.04	708.05	708.07
☉ Brg. W. Abut.	326+70.31	-67.86	708.00	708.00
Back of W. Abut.	326+71.57	-67.84	708.00	708.00

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+02.03	-63.00	708.94	708.94
☉ Brg. E. Abut.	325+03.29	-63.00	708.94	708.94
A	325+13.29	-63.00	708.89	708.90
B	325+23.29	-63.00	708.84	708.86
C	325+33.29	-63.00	708.79	708.81
D	325+43.29	-63.00	708.74	708.74
☉ Brg. Pier 1	325+53.37	-63.00	708.69	708.69
E	325+63.37	-63.00	708.64	708.66
F	325+73.37	-63.00	708.59	708.63
G	325+83.37	-63.00	708.54	708.60
H	325+93.37	-63.00	708.49	708.54
I	326+03.37	-63.00	708.44	708.47
J	326+13.37	-63.00	708.39	708.40
☉ Brg. Pier 2	326+20.70	-63.00	708.35	708.35
K	326+30.70	-63.00	708.30	708.31
L	326+40.70	-63.00	708.25	708.27
M	326+50.70	-63.00	708.20	708.23
N	326+60.70	-63.00	708.15	708.17
☉ Brg. W. Abut.	326+70.78	-63.00	708.10	708.10
Back of W. Abut.	326+72.03	-63.00	708.09	708.09

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+02.76	-55.50	709.09	709.09
☉ Brg. E. Abut.	325+04.01	-55.50	709.08	709.08
A	325+14.01	-55.50	709.03	709.05
B	325+24.01	-55.50	708.98	709.01
C	325+34.01	-55.50	708.93	708.95
D	325+44.01	-55.50	708.88	708.89
☉ Brg. Pier 1	325+54.09	-55.50	708.83	708.83
E	325+64.09	-55.50	708.78	708.80
F	325+74.09	-55.50	708.73	708.78
G	325+84.09	-55.50	708.68	708.74
H	325+94.09	-55.50	708.63	708.69
I	326+04.09	-55.50	708.58	708.62
J	326+14.09	-55.50	708.53	708.55
☉ Brg. Pier 2	326+21.42	-55.50	708.50	708.50
K	326+31.42	-55.50	708.45	708.45
L	326+41.42	-55.50	708.40	708.42
M	326+51.42	-55.50	708.35	708.37
N	326+61.42	-55.50	708.30	708.31
☉ Brg. W. Abut.	326+71.50	-55.50	708.25	708.25
Back of W. Abut.	326+72.76	-55.50	708.24	708.24

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+03.48	-48.00	709.23	709.23
☉ Brg. E. Abut.	325+04.73	-48.00	709.22	709.22
A	325+14.73	-48.00	709.17	709.19
B	325+24.73	-48.00	709.12	709.15
C	325+34.73	-48.00	709.07	709.09
D	325+44.73	-48.00	709.02	709.03
☉ Brg. Pier 1	325+54.81	-48.00	708.97	708.97
E	325+64.81	-48.00	708.92	708.94
F	325+74.81	-48.00	708.87	708.92
G	325+84.81	-48.00	708.82	708.88
H	325+94.81	-48.00	708.77	708.83
I	326+04.81	-48.00	708.72	708.76
J	326+14.81	-48.00	708.67	708.68
☉ Brg. Pier 2	326+22.14	-48.00	708.64	708.64
K	326+32.14	-48.00	708.59	708.59
L	326+42.14	-48.00	708.54	708.55
M	326+52.14	-48.00	708.49	708.51
N	326+62.14	-48.00	708.44	708.45
☉ Brg. W. Abut.	326+72.22	-48.00	708.39	708.39
Back of W. Abut.	326+73.48	-48.00	708.38	708.38

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+04.20	-40.50	709.34	709.34
☉ Brg. E. Abut.	325+05.46	-40.50	709.33	709.33
A	325+15.46	-40.50	709.28	709.30
B	325+25.46	-40.50	709.23	709.26
C	325+35.46	-40.50	709.18	709.20
D	325+45.46	-40.50	709.13	709.14
☉ Brg. Pier 1	325+55.53	-40.50	709.08	709.08
E	325+65.53	-40.50	709.03	709.05
F	325+75.53	-40.50	708.98	709.03
G	325+85.53	-40.50	708.93	708.99
H	325+95.53	-40.50	708.88	708.94
I	326+05.53	-40.50	708.83	708.87
J	326+15.53	-40.50	708.78	708.79
☉ Brg. Pier 2	326+22.87	-40.50	708.74	708.74
K	326+32.87	-40.50	708.69	708.70
L	326+42.87	-40.50	708.64	708.66
M	326+52.87	-40.50	708.59	708.62
N	326+62.87	-40.50	708.54	708.56
☉ Brg. W. Abut.	326+72.94	-40.50	708.49	708.49
Back of W. Abut.	326+74.20	-40.50	708.49	708.49

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of E. Abut.	325+04.92	-33.00	709.31	709.31
☉ Brg. E. Abut.	325+06.18	-33.00	709.31	709.31
A	325+16.18	-33.00	709.26	709.27
B	325+26.18	-33.00	709.21	709.23
C	325+36.18	-33.00	709.16	709.17
D	325+46.18	-33.00	709.11	709.11
☉ Brg. Pier 1	325+56.26	-33.00	709.05	709.05
E	325+66.26	-33.00	709.00	709.02
F	325+76.26	-33.00	708.95	709.00
G	325+86.26	-33.00	708.90	708.96
H	325+96.26	-33.00	708.85	708.91
I	326+06.26	-33.00	708.80	708.84
J	326+16.26	-33.00	708.75	708.77
☉ Brg. Pier 2	326+23.59	-33.00	708.72	708.72
K	326+33.59	-33.00	708.67	708.67
L	326+43.59	-33.00	708.62	708.64
M	326+53.59	-33.00	708.57	708.59
N	326+63.59	-33.00	708.52	708.54
☉ Brg. W. Abut.	326+73.67	-33.00	708.47	708.47
Back of W. Abut.	326+74.92	-33.00	708.46	708.46

**TOP OF SLAB ELEVATIONS 2 OF 5
STRUCTURE NO. 046-0146 (S.B.)
& STRUCTURE NO. 046-0147 (N.B.)**

DESIGNED	PMH
CHECKED	BB
DRAWN	PMH
CHECKED	BB



McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
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SHEET NO. SR-6 SHEETS SR-48	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(46-2) VBR	KANKAKEE	558	333
CONTRACT NO. 66409					
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					