

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**BEAM 2**

**EAST EDGE OF PAVEMENT**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+36.30	-12.00	526.02	526.02
⊕ Brg. N. Abut.	761+37.63	-12.00	526.02	526.02
C	761+47.63	-12.00	526.02	526.03
D	761+57.63	-12.00	526.02	526.04
E	761+67.63	-12.00	526.02	526.03
F	761+77.63	-12.00	526.01	526.02
⊕ Pier 1	761+87.63	-12.00	526.01	526.01
G	761+97.63	-12.00	526.01	526.03
H	762+07.63	-12.00	526.01	526.04
I	762+17.63	-12.00	526.01	526.05
J	762+27.63	-12.00	526.01	526.05
K	762+37.63	-12.00	526.01	526.03
L	762+47.63	-12.00	526.01	526.01
⊕ Pier 2	762+52.63	-12.00	526.01	526.01
M	762+62.63	-12.00	526.01	526.01
N	762+72.63	-12.00	526.01	526.02
O	762+82.63	-12.00	526.00	526.03
P	762+92.63	-12.00	526.00	526.02
⊕ Brg. S. Abut.	763+02.63	-12.00	526.00	526.00
Bk. S. Abut.	763+03.97	-12.00	526.00	526.00

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+37.44	-8.88	526.07	526.07
⊕ Brg. N. Abut.	761+38.77	-8.88	526.07	526.07
C	761+48.77	-8.88	526.07	526.08
D	761+58.77	-8.88	526.07	526.09
E	761+68.77	-8.88	526.06	526.08
F	761+78.77	-8.88	526.06	526.07
⊕ Pier 1	761+88.77	-8.88	526.06	526.06
G	761+98.77	-8.88	526.06	526.07
H	762+08.77	-8.88	526.06	526.09
I	762+18.77	-8.88	526.06	526.10
J	762+28.77	-8.88	526.06	526.10
K	762+38.77	-8.88	526.06	526.08
L	762+48.77	-8.88	526.06	526.06
⊕ Pier 2	762+53.77	-8.88	526.06	526.06
M	762+63.77	-8.88	526.05	526.06
N	762+73.77	-8.88	526.05	526.07
O	762+83.77	-8.88	526.05	526.08
P	762+93.77	-8.88	526.05	526.07
⊕ Brg. S. Abut.	763+03.77	-8.88	526.05	526.05
Bk. S. Abut.	763+05.10	-8.88	526.05	526.05

**BEAM 3**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+39.59	-2.96	526.16	526.16
⊕ Brg. N. Abut.	761+40.92	-2.96	526.16	526.16
C	761+50.92	-2.96	526.16	526.17
D	761+60.92	-2.96	526.16	526.18
E	761+70.92	-2.96	526.16	526.17
F	761+80.92	-2.96	526.16	526.16
⊕ Pier 1	761+90.92	-2.96	526.15	526.15
G	762+00.92	-2.96	526.15	526.17
H	762+10.92	-2.96	526.15	526.18
I	762+20.92	-2.96	526.15	526.19
J	762+30.92	-2.96	526.15	526.19
K	762+40.92	-2.96	526.15	526.17
L	762+50.92	-2.96	526.15	526.15
⊕ Pier 2	762+55.92	-2.96	526.15	526.15
M	762+65.92	-2.96	526.15	526.15
N	762+75.92	-2.96	526.15	526.16
O	762+85.92	-2.96	526.15	526.17
P	762+95.92	-2.96	526.14	526.16
⊕ Brg. S. Abut.	763+05.92	-2.96	526.14	526.14
Bk. S. Abut.	763+07.26	-2.96	526.14	526.14

**⊕ ROADWAY, CROWN & STAGE CONST. LINE**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+40.67	0.00	526.21	526.21
⊕ Brg. N. Abut.	761+42.00	0.00	526.21	526.21
C	761+52.00	0.00	526.20	526.22
D	761+62.00	0.00	526.20	526.23
E	761+72.00	0.00	526.20	526.22
F	761+82.00	0.00	526.20	526.21
⊕ Pier 1	761+92.00	0.00	526.20	526.20
G	762+02.00	0.00	526.20	526.21
H	762+12.00	0.00	526.20	526.23
I	762+22.00	0.00	526.20	526.24
J	762+32.00	0.00	526.20	526.23
K	762+42.00	0.00	526.20	526.22
L	762+52.00	0.00	526.19	526.20
⊕ Pier 2	762+57.00	0.00	526.19	526.19
M	762+67.00	0.00	526.19	526.20
N	762+77.00	0.00	526.19	526.21
O	762+87.00	0.00	526.19	526.21
P	762+97.00	0.00	526.19	526.21
⊕ Brg. S. Abut.	763+07.00	0.00	526.19	526.19
Bk. S. Abut.	763+08.33	0.00	526.19	526.19

**BEAM 4**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+41.74	2.96	526.16	526.16
⊕ Brg. N. Abut.	761+43.08	2.96	526.16	526.16
C	761+53.08	2.96	526.16	526.17
D	761+63.08	2.96	526.16	526.18
E	761+73.08	2.96	526.16	526.17
F	761+83.08	2.96	526.16	526.16
⊕ Pier 1	761+93.08	2.96	526.15	526.15
G	762+03.08	2.96	526.15	526.17
H	762+13.08	2.96	526.15	526.18
I	762+23.08	2.96	526.15	526.19
J	762+33.08	2.96	526.15	526.19
K	762+43.08	2.96	526.15	526.17
L	762+53.08	2.96	526.15	526.15
⊕ Pier 2	762+58.08	2.96	526.15	526.15
M	762+68.08	2.96	526.15	526.15
N	762+78.08	2.96	526.15	526.16
O	762+88.08	2.96	526.14	526.17
P	762+98.08	2.96	526.14	526.16
⊕ Brg. S. Abut.	763+08.08	2.96	526.14	526.14
Bk. S. Abut.	763+09.41	2.96	526.14	526.14

**BEAM 5**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+43.90	8.88	526.07	526.07
⊕ Brg. N. Abut.	761+45.23	8.88	526.07	526.07
C	761+55.23	8.88	526.07	526.08
D	761+65.23	8.88	526.06	526.09
E	761+75.23	8.88	526.06	526.08
F	761+85.23	8.88	526.06	526.07
⊕ Pier 1	761+95.23	8.88	526.06	526.06
G	762+05.23	8.88	526.06	526.07
H	762+15.23	8.88	526.06	526.09
I	762+25.23	8.88	526.06	526.10
J	762+35.23	8.88	526.06	526.10
K	762+45.23	8.88	526.06	526.08
L	762+55.23	8.88	526.06	526.06
⊕ Pier 2	762+60.23	8.88	526.06	526.06
M	762+70.23	8.88	526.05	526.06
N	762+80.23	8.88	526.05	526.07
O	762+90.23	8.88	526.05	526.08
P	763+00.23	8.88	526.05	526.07
⊕ Brg. S. Abut.	763+10.23	8.88	526.05	526.05
Bk. S. Abut.	763+11.56	8.88	526.05	526.05


**WEST EDGE OF PAVEMENT**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+45.03	12.00	526.02	526.02
⊕ Brg. N. Abut.	761+46.37	12.00	526.02	526.02
C	761+56.37	12.00	526.02	526.03
D	761+66.37	12.00	526.02	526.04
E	761+76.37	12.00	526.01	526.03
F	761+86.37	12.00	526.01	526.02
⊕ Pier 1	761+96.37	12.00	526.01	526.01
G	762+06.37	12.00	526.01	526.03
H	762+16.37	12.00	526.01	526.04
I	762+26.37	12.00	526.01	526.05
J	762+36.37	12.00	526.01	526.05
K	762+46.37	12.00	526.01	526.03
L	762+56.37	12.00	526.01	526.01
⊕ Pier 2	762+61.37	12.00	526.01	526.01
M	762+71.37	12.00	526.01	526.01
N	762+81.37	12.00	526.00	526.02
O	762+91.37	12.00	526.00	526.03
P	763+01.37	12.00	526.00	526.02
⊕ Brg. S. Abut.	763+11.37	12.00	526.00	526.00
Bk. S. Abut.	763+12.70	12.00	526.00	526.00

**BEAM 6**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	761+46.05	14.79	525.96	525.96
⊕ Brg. N. Abut.	761+47.38	14.79	525.96	525.96
C	761+57.38	14.79	525.96	525.97
D	761+67.38	14.79	525.96	525.98
E	761+77.38	14.79	525.96	525.97
F	761+87.38	14.79	525.96	525.96
⊕ Pier 1	761+97.38	14.79	525.95	525.95
G	762+07.38	14.79	525.95	525.97
H	762+17.38	14.79	525.95	525.98
I	762+27.38	14.79	525.95	525.99
J	762+37.38	14.79	525.95	525.99
K	762+47.38	14.79	525.95	525.97
L	762+57.38	14.79	525.95	525.95
⊕ Pier 2	762+62.38	14.79	525.95	525.95
M	762+72.38	14.79	525.95	525.95
N	762+82.38	14.79	525.95	525.96
O	762+92.38	14.79	525.95	525.97
P	763+02.38	14.79	525.94	525.96
⊕ Brg. S. Abut.	763+12.38	14.79	525.94	525.94
Bk. S. Abut.	763+13.72	14.79	525.94	525.94

**DECK ELEVATIONS-2  
STRUCTURE NO. 059-0512**

 LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois	SHEET NO. 6	F.A.P. RTE. 608	SECTION 122B-2	COUNTY MACOUPIN	TOTAL SHEETS 53	SHEET NO. 24
	24 SHEETS	CONTRACT NO. 72B53				
ILLINOIS FED. AID PROJECT						