

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROFILE GRADE LINE

GIRDER 4

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	93A+68.24	0.00	473.35	473.35
☉ Brg. W. Abut	93A+71.07	0.00	473.29	473.29
C	93A+81.07	0.00	473.10	473.10
D	93A+91.07	0.00	472.90	472.90
E	94A+01.07	0.00	472.70	472.70
F	94A+11.07	0.00	472.51	472.51
G	94A+21.07	0.00	472.31	472.31
☉ Pier 1	94A+32.40	0.00	472.09	472.09
H	94A+42.40	0.00	471.89	471.89
I	94A+52.40	0.00	471.70	471.70
J	94A+62.40	0.00	471.50	471.50
K	94A+72.40	0.00	471.31	471.31
L	94A+82.40	0.00	471.11	471.11
M	94A+92.40	0.00	470.91	470.91
N	95A+02.40	0.00	470.72	470.72
☉ Pier 2	95A+10.90	0.00	470.55	470.55
O	95A+20.90	0.00	470.36	470.36
P	95A+30.90	0.00	470.16	470.16
Q	95A+40.90	0.00	469.96	469.96
R	95A+50.90	0.00	469.77	469.77
S	95A+60.90	0.00	469.57	469.57
☉ Brg. E. Abut.	95A+67.07	0.00	469.45	469.45
Bk. of E. Abut.	95A+69.90	0.00	469.40	469.40

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	93A+68.41	0.17	473.34	473.34
☉ Brg. W. Abut	93A+71.25	0.17	473.28	473.28
C	93A+81.25	0.17	473.09	473.12
D	93A+91.25	0.17	472.89	472.92
E	94A+01.25	0.17	472.70	472.73
F	94A+11.25	0.17	472.50	472.52
☉ Splice	94A+15.16	0.17	472.42	
G	94A+21.25	0.17	472.30	472.31
☉ Pier 1	94A+32.58	0.17	472.08	472.08
H	94A+42.58	0.17	471.88	471.90
☉ Splice	94A+48.58	0.17	471.77	
I	94A+52.58	0.17	471.69	471.72
J	94A+62.58	0.17	471.49	471.54
K	94A+72.58	0.17	471.30	471.35
L	94A+82.58	0.17	471.10	471.15
M	94A+92.58	0.17	470.90	470.93
☉ Splice	94A+95.08	0.17	470.85	
N	95A+02.58	0.17	470.71	470.72
☉ Pier 2	95A+11.08	0.17	470.54	470.54
O	95A+21.08	0.17	470.34	470.34
☉ Splice	95A+28.50	0.17	470.20	
P	95A+31.08	0.17	470.15	470.16
Q	95A+41.08	0.17	469.95	469.97
R	95A+51.08	0.17	469.76	469.78
S	95A+61.08	0.17	469.56	469.57
☉ Brg. E. Abut.	95A+67.23	0.17	469.44	469.44
Bk. of E. Abut.	95A+70.06	0.16	469.38	469.38

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	93A+73.76	5.33	473.10	473.10
☉ Brg. W. Abut	93A+76.60	5.33	473.05	473.05
C	93A+86.60	5.33	472.84	472.87
D	93A+96.60	5.33	472.64	472.67
E	94A+06.60	5.33	472.43	472.46
F	94A+16.60	5.33	472.23	472.25
☉ Splice	94A+20.51	5.33	472.15	
G	94A+26.60	5.33	472.02	472.03
☉ Pier 1	94A+37.93	5.33	471.79	471.79
H	94A+47.93	5.33	471.59	471.61
☉ Splice	94A+53.93	5.33	471.46	
I	94A+57.93	5.33	471.38	471.41
J	94A+67.93	5.33	471.18	471.23
K	94A+77.93	5.33	470.97	471.02
L	94A+87.93	5.33	470.77	470.82
M	94A+97.93	5.33	470.56	470.59
☉ Splice	95A+00.43	5.33	470.51	
N	95A+07.93	5.33	470.36	470.37
☉ Pier 2	95A+16.43	5.33	470.18	470.18
O	95A+26.43	5.33	469.98	469.98
☉ Splice	95A+33.85	5.33	469.82	
P	95A+36.43	5.33	469.77	469.78
Q	95A+46.43	5.33	469.57	469.59
R	95A+56.43	5.33	469.36	469.38
S	95A+66.43	5.33	469.17	469.18
☉ Brg. E. Abut.	95A+72.63	5.30	469.03	469.03
Bk. of E. Abut.	95A+75.48	5.27	468.98	468.98

INSIDE FACE OF NORTH PARAPET

Location	Station	Offset	Theoretical Grade Elevations
Bk. of W. Abut.	93A+51.15	-16.50	473.88
☉ Brg. W. Abut	93A+53.99	-16.50	473.83
C	93A+63.99	-16.50	473.67
D	93A+73.99	-16.50	473.51
E	93A+83.99	-16.50	473.34
F	93A+93.99	-16.50	473.18
G	94A+03.99	-16.50	473.01
☉ Pier 1	94A+15.32	-16.50	472.83
H	94A+25.32	-16.50	472.67
I	94A+35.32	-16.50	472.50
J	94A+45.32	-16.50	472.34
K	94A+55.32	-16.50	472.17
L	94A+65.32	-16.50	472.01
M	94A+75.32	-16.50	471.85
N	94A+85.32	-16.50	471.68
☉ Pier 2	94A+93.82	-16.50	471.54
O	95A+03.82	-16.50	471.38
P	95A+13.82	-16.50	471.22
Q	95A+23.82	-16.50	471.05
R	95A+33.82	-16.50	470.89
S	95A+43.82	-16.50	470.72
☉ Brg. E. Abut.	95A+49.98	-16.50	470.62
Bk. of E. Abut.	95A+52.81	-16.50	470.58

INSIDE FACE OF SOUTH PARAPET

Location	Station	Offset	Theoretical Grade Elevations
Bk. of W. Abut.	93A+74.97	6.50	473.05
☉ Brg. W. Abut	93A+77.81	6.50	472.99
C	93A+87.81	6.50	472.78
D	93A+97.81	6.50	472.58
E	94A+07.81	6.50	472.37
F	94A+17.81	6.50	472.16
G	94A+27.81	6.50	471.96
☉ Pier 1	94A+39.14	6.50	471.72
H	94A+49.14	6.50	471.52
I	94A+59.14	6.50	471.31
J	94A+69.14	6.50	471.10
K	94A+79.14	6.50	470.90
L	94A+89.14	6.50	470.69
M	94A+99.14	6.50	470.48
N	95A+09.14	6.50	470.27
☉ Pier 2	95A+17.64	6.50	470.10
O	95A+27.64	6.50	469.89
P	95A+37.64	6.50	469.69
Q	95A+47.64	6.50	469.48
R	95A+57.64	6.50	469.27
S	95A+67.64	6.50	469.06
☉ Brg. E. Abut.	95A+73.86	6.46	468.94
Bk. of E. Abut.	95A+76.72	6.42	468.88

TOP OF SLAB ELEVATIONS BEAMS 4-5  
FAS ROUTE 1807 SECTION (51-23HB)-6B-1  
LAWRENCE COUNTY  
STATION 94A+66.74  
STRUCTURE NO. 051-0031

DESIGNED	MJP
CHECKED	KWB
DRAWN	REZ
CHECKED	TDN



345 E. ASH AVE., SUITE B  
DECATUR, IL. 62526  
TEL. 217-875-4800

SHEET NO. 5	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1807	(51-23HB)-6B-1	LAWRENCE	60	21
24 SHEETS	CONTRACT NO. 74115				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					