

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet S8 of S25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	81-IHBY-D	ROCK ISLAND	120	87
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	

Contract # 64C74

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+95.48	8.79	613.69	613.69
⊙ Brg. Abut. C	216+97.57	8.79	613.63	613.63
A	217+07.57	8.79	613.33	613.34
B	217+17.57	8.79	613.03	613.04
C	217+27.57	8.79	612.73	612.73
⊙ Brg. Pier 4	217+35.32	8.79	612.50	612.50
D	217+45.32	8.79	612.20	612.21
E	217+55.32	8.79	611.90	611.93
F	217+65.32	8.79	611.60	611.63
G	217+75.32	8.79	611.30	611.32
H	217+85.32	8.79	611.00	611.00
⊙ Brg. Pier 5	217+93.32	8.79	610.76	610.76
I	218+03.32	8.79	610.46	610.47
J	218+13.32	8.79	610.16	610.18
K	218+23.32	8.79	609.86	609.89
L	218+33.32	8.79	609.56	609.58
M	218+43.32	8.79	609.26	609.27
⊙ Brg. Pier 6	218+51.32	8.79	609.02	609.02
N	218+61.32	8.79	608.72	608.72
O	218+71.32	8.79	608.42	608.42
P	218+81.32	8.79	608.12	608.12
⊙ Brg. Abut. D	218+89.07	8.79	607.89	607.89
Bk. Abut. D	218+91.15	8.79	607.82	607.82

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+97.28	15.21	613.64	613.64
⊙ Brg. Abut. C	216+99.37	15.21	613.58	613.58
A	217+09.37	15.21	613.28	613.28
B	217+19.37	15.21	612.98	612.98
C	217+29.37	15.21	612.68	612.68
⊙ Brg. Pier 4	217+37.12	15.21	612.44	612.44
D	217+47.12	15.21	612.14	612.16
E	217+57.12	15.21	611.84	611.87
F	217+67.12	15.21	611.54	611.58
G	217+77.12	15.21	611.24	611.27
H	217+87.12	15.21	610.94	610.95
⊙ Brg. Pier 5	217+95.12	15.21	610.70	610.70
I	218+05.12	15.21	610.40	610.41
J	218+15.12	15.21	610.10	610.13
K	218+25.12	15.21	609.80	609.84
L	218+35.12	15.21	609.50	609.53
M	218+45.12	15.21	609.20	609.21
⊙ Brg. Pier 6	218+53.12	15.21	608.96	608.96
N	218+63.12	15.21	608.66	608.67
O	218+73.12	15.21	608.36	608.37
P	218+83.12	15.21	608.06	608.07
⊙ Brg. Abut. D	218+90.87	15.21	607.83	607.83
Bk. Abut. D	218+92.95	15.21	607.77	607.77

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+98.37	19.08	613.55	613.55
⊙ Brg. Abut. C	217+00.45	19.08	613.48	613.48
A	217+10.45	19.08	613.18	613.19
B	217+20.45	19.08	612.88	612.89
C	217+30.45	19.08	612.58	612.58
⊙ Brg. Pier 4	217+38.20	19.08	612.35	612.35
D	217+48.20	19.08	612.05	612.07
E	217+58.20	19.08	611.75	611.78
F	217+68.20	19.08	611.45	611.48
G	217+78.20	19.08	611.15	611.17
H	217+88.20	19.08	610.85	610.86
⊙ Brg. Pier 5	217+96.20	19.08	610.61	610.61
I	218+06.20	19.08	610.31	610.32
J	218+16.20	19.08	610.01	610.04
K	218+26.20	19.08	609.71	609.74
L	218+36.20	19.08	609.41	609.44
M	218+46.20	19.08	609.11	609.12
⊙ Brg. Pier 6	218+54.20	19.08	608.87	608.87
N	218+64.20	19.08	608.57	608.57
O	218+74.20	19.08	608.27	608.28
P	218+84.20	19.08	607.97	607.98
⊙ Brg. Abut. D	218+91.95	19.08	607.74	607.74
Bk. Abut. D	218+94.04	19.08	607.68	607.67

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+99.08	21.63	613.48	613.48
⊙ Brg. Abut. C	217+01.17	21.63	613.42	613.42
A	217+11.17	21.63	613.12	613.13
B	217+21.17	21.63	612.82	612.83
C	217+31.17	21.63	612.52	612.52
⊙ Brg. Pier 4	217+38.92	21.63	612.29	612.29
D	217+48.92	21.63	611.99	612.00
E	217+58.92	21.63	611.69	611.72
F	217+68.92	21.63	611.39	611.42
G	217+78.92	21.63	611.09	611.11
H	217+88.92	21.63	610.79	610.80
⊙ Brg. Pier 5	217+96.92	21.63	610.55	610.55
I	218+06.92	21.63	610.25	610.26
J	218+16.92	21.63	609.95	609.98
K	218+26.92	21.63	609.65	609.68
L	218+36.92	21.63	609.35	609.38
M	218+46.92	21.63	609.05	609.06
⊙ Brg. Pier 6	218+54.92	21.63	608.81	608.81
N	218+64.92	21.63	608.51	608.51
O	218+74.92	21.63	608.21	608.22
P	218+84.92	21.63	607.91	607.92
⊙ Brg. Abut. D	218+92.67	21.63	607.68	607.68
Bk. Abut. D	218+94.75	21.63	607.61	607.61

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+00.88	28.04	613.33	613.33
⊙ Brg. Abut. C	217+02.96	28.04	613.27	613.27
A	217+12.96	28.04	612.97	612.97
B	217+22.96	28.04	612.67	612.67
C	217+32.96	28.04	612.37	612.37
⊙ Brg. Pier 4	217+40.71	28.04	612.14	612.14
D	217+50.71	28.04	611.84	611.85
E	217+60.71	28.04	611.54	611.56
F	217+70.71	28.04	611.24	611.26
G	217+80.71	28.04	610.94	610.95
H	217+90.71	28.04	610.64	610.64
⊙ Brg. Pier 5	217+98.71	28.04	610.40	610.40
I	218+08.71	28.04	610.10	610.10
J	218+18.71	28.04	609.80	609.81
K	218+28.71	28.04	609.50	609.52
L	218+38.71	28.04	609.20	609.21
M	218+48.71	28.04	608.90	608.90
⊙ Brg. Pier 6	218+56.71	28.04	608.66	608.66
N	218+66.71	28.04	608.36	608.36
O	218+76.71	28.04	608.06	608.06
P	218+86.71	28.04	607.76	607.76
⊙ Brg. Abut. D	218+94.46	28.04	607.52	607.52
Bk. Abut. D	218+96.55	28.04	607.46	607.46

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+01.58	30.54	613.27	613.27
⊙ Brg. Abut. C	217+03.67	30.54	613.21	613.21
A	217+13.67	30.54	612.91	612.91
B	217+23.67	30.54	612.61	612.61
C	217+33.67	30.54	612.31	612.31
⊙ Brg. Pier 4	217+41.42	30.54	612.08	612.08
D	217+51.42	30.54	611.78	611.78
E	217+61.42	30.54	611.48	611.49
F	217+71.42	30.54	611.18	611.19
G	217+81.42	30.54	610.88	610.89
H	217+91.42	30.54	610.58	610.58
⊙ Brg. Pier 5	217+99.42	30.54	610.34	610.34
I	218+09.42	30.54	610.04	610.04
J	218+19.42	30.54	609.74	609.75
K	218+29.42	30.54	609.44	609.45
L	218+39.42	30.54	609.14	609.15
M	218+49.42	30.54	608.84	608.84
⊙ Brg. Pier 6	218+57.42	30.54	608.60	608.60
N	218+67.42	30.54	608.30	608.30
O	218+77.42	30.54	608.00	608.00
P	218+87.42	30.54	607.70	607.70
⊙ Brg. Abut. D	218+95.17	30.54	607.46	607.46
Bk. Abut. D	218+97.25	30.54	607.40	607.40

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+03.87	38.71	613.07	613.07
⊙ Brg. Abut. C	217+05.96	38.71	613.01	613.01
A	217+15.96	38.71	612.71	612.72
B	217+25.96	38.71	612.41	612.42
C	217+35.96	38.71	612.11	612.11
⊙ Brg. Pier 4	217+43.71	38.71	611.88	611.88
D	217+53.71	38.71	611.58	611.59
E	217+63.71	38.71	611.28	611.30
F	217+73.71	38.71	610.98	611.01
G	217+83.71	38.71	610.68	610.70
H	217+93.71	38.71	610.38	610.38
⊙ Brg. Pier 5	218+01.71	38.71	610.14	610.14
I	218+11.71	38.71	609.84	609.85
J	218+21.71	38.71	609.54	609.56
K	218+31.71	38.71	609.24	609.27
L	218+41.71	38.71	608.94	608.96
M	218+51.71	38.71	608.64	608.65
⊙ Brg. Pier 6	218+59.71	38.71	608.40	608.40
N	218+69.71	38.71	608.10	608.10
O	218+79.71	38.71	607.80	607.80
P	218+89.71	38.71	607.50	607.50
⊙ Brg. Abut. D	218+97.46	38.71	607.27	607.27
Bk. Abut. D	218+99.54	38.71	607.20	607.20

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+06.15	46.86	612.85	612.85
⊙ Brg. Abut. C	217+08.24	46.83	612.79	612.79
A	217+18.24	46.73	612.49	612.50
B	217+28.18	46.62	612.20	612.20
C	217+38.15	46.51	611.90	611.90
⊙ Brg. Pier 4	217+45.87	46.43	611.67	611.67
D	217+55.84	46.32	611.37	611.38
E	217+65.81	46.22	611.07	611.10
F	217+75.78	46.11	610.78	610.80
G	217+85.75	46.00	610.48	610.50
H	217+95.72	45.90	610.18	610.19
⊙ Brg. Pier 5	218+03.70	45.81	609.94	609.94
I	218+13.67	45.71	609.65	609.65
J	218+23.64	45.60	609.35	609.37
K	218+33.61	45.49	609.05	609.08
L	218+43.58	45.39	608.75	608.78
M	218+53.55	45.28	608.46	608.47
⊙ Brg. Pier 6	218+61.53	45.19	608.22	608.22
N	218+71.50	45.09	607.92	607.92
O	218+81.47	44.98	607.62	607.63
P	218+91.44	44.87	607.33	607.33
⊙ Brg. Abut. D	218+99.16	44.79	607.10	607.10
Bk. Abut. D	219+01.25	44.77	607.03	607.03

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOP OF SLAB ELEVATIONS IV (EB BRIDGE