

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet 58 of 525

F.A.I. RTE. 80	SECTION 81-IHBY-D	COUNTY ROCK ISLAND	TOTAL SHEETS 120	SHEET NO. 37
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	613.49	613.49
⊕ Brg. Abut. C	216+97.57	8.79	613.43	613.43
A	217+07.57	8.79	613.13	613.14
B	217+17.57	8.79	612.83	612.84
C	217+27.57	8.79	612.53	612.53
⊕ Brg. Pier 4	217+35.32	8.79	612.30	612.30
D	217+45.32	8.79	612.00	612.01
E	217+55.32	8.79	611.70	611.73
F	217+65.32	8.79	611.40	611.43
G	217+75.32	8.79	611.10	611.12
H	217+85.32	8.79	610.80	610.80
⊕ Brg. Pier 5	217+93.32	8.79	610.56	610.56
I	218+03.32	8.79	610.26	610.27
J	218+13.32	8.79	609.96	609.98
K	218+23.32	8.79	609.66	609.69
L	218+33.32	8.79	609.36	609.38
M	218+43.32	8.79	609.06	609.07
⊕ Brg. Pier 6	218+51.32	8.79	608.82	608.82
N	218+61.32	8.79	608.52	608.52
O	218+71.32	8.79	608.22	608.22
P	218+81.32	8.79	607.92	607.92
⊕ Brg. Abut. D	218+89.07	8.79	607.69	607.69
Bk. Abut. D	218+91.15	8.79	607.62	607.62

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+97.28	15.21	613.44	613.44
⊕ Brg. Abut. C	216+99.37	15.21	613.38	613.38
A	217+09.37	15.21	613.08	613.08
B	217+19.37	15.21	612.78	612.78
C	217+29.37	15.21	612.48	612.48
⊕ Brg. Pier 4	217+37.12	15.21	612.24	612.24
D	217+47.12	15.21	611.94	611.96
E	217+57.12	15.21	611.64	611.67
F	217+67.12	15.21	611.34	611.38
G	217+77.12	15.21	611.04	611.07
H	217+87.12	15.21	610.74	610.75
⊕ Brg. Pier 5	217+95.12	15.21	610.50	610.50
I	218+05.12	15.21	610.20	610.21
J	218+15.12	15.21	609.90	609.93
K	218+25.12	15.21	609.60	609.64
L	218+35.12	15.21	609.30	609.33
M	218+45.12	15.21	609.00	609.01
⊕ Brg. Pier 6	218+53.12	15.21	608.76	608.76
N	218+63.12	15.21	608.46	608.47
O	218+73.12	15.21	608.16	608.17
P	218+83.12	15.21	607.86	607.87
⊕ Brg. Abut. D	218+90.87	15.21	607.63	607.63
Bk. Abut. D	218+92.95	15.21	607.57	607.57

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	613.35	613.35
⊕ Brg. Abut. C	217+00.45	19.08	613.28	613.28
A	217+10.45	19.08	612.98	612.99
B	217+20.45	19.08	612.68	612.69
C	217+30.45	19.08	612.38	612.38
⊕ Brg. Pier 4	217+38.20	19.08	612.15	612.15
D	217+48.20	19.08	611.85	611.86
E	217+58.20	19.08	611.55	611.58
F	217+68.20	19.08	611.25	611.28
G	217+78.20	19.08	610.95	610.97
H	217+88.20	19.08	610.65	610.66
⊕ Brg. Pier 5	217+96.20	19.08	610.41	610.41
I	218+06.20	19.08	610.11	610.12
J	218+16.20	19.08	609.81	609.84
K	218+26.20	19.08	609.51	609.54
L	218+36.20	19.08	609.21	609.24
M	218+46.20	19.08	608.91	608.92
⊕ Brg. Pier 6	218+54.20	19.08	608.67	608.67
N	218+64.20	19.08	608.37	608.37
O	218+74.20	19.08	608.07	608.08
P	218+84.20	19.08	607.77	607.78
⊕ Brg. Abut. D	218+91.95	19.08	607.54	607.54
Bk. Abut. D	218+94.04	19.08	607.48	607.47

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	216+99.08	21.63	613.28	613.28
⊕ Brg. Abut. C	217+01.17	21.63	613.22	613.22
A	217+11.17	21.63	612.92	612.93
B	217+21.17	21.63	612.62	612.63
C	217+31.17	21.63	612.32	612.32
⊕ Brg. Pier 4	217+38.92	21.63	612.09	612.09
D	217+48.92	21.63	611.79	611.80
E	217+58.92	21.63	611.49	611.52
F	217+68.92	21.63	611.19	611.22
G	217+78.92	21.63	610.89	610.91
H	217+88.92	21.63	610.59	610.60
⊕ Brg. Pier 5	217+96.92	21.63	610.35	610.35
I	218+06.92	21.63	610.05	610.06
J	218+16.92	21.63	609.75	609.77
K	218+26.92	21.63	609.45	609.48
L	218+36.92	21.63	609.15	609.18
M	218+46.92	21.63	608.85	608.86
⊕ Brg. Pier 6	218+54.92	21.63	608.61	608.61
N	218+64.92	21.63	608.31	608.31
O	218+74.92	21.63	608.01	608.02
P	218+84.92	21.63	607.71	607.72
⊕ Brg. Abut. D	218+92.67	21.63	607.48	607.48
Bk. Abut. D	218+94.75	21.63	607.41	607.41

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+00.88	28.04	613.13	613.13
⊕ Brg. Abut. C	217+02.96	28.04	613.07	613.07
A	217+12.96	28.04	612.77	612.77
B	217+22.96	28.04	612.47	612.47
C	217+32.96	28.04	612.17	612.17
⊕ Brg. Pier 4	217+40.71	28.04	611.94	611.94
D	217+50.71	28.04	611.64	611.65
E	217+60.71	28.04	611.34	611.36
F	217+70.71	28.04	611.04	611.06
G	217+80.71	28.04	610.74	610.75
H	217+90.71	28.04	610.44	610.44
⊕ Brg. Pier 5	217+98.71	28.04	610.20	610.20
I	218+08.71	28.04	609.90	609.90
J	218+18.71	28.04	609.60	609.61
K	218+28.71	28.04	609.30	609.32
L	218+38.71	28.04	609.00	609.01
M	218+48.71	28.04	608.70	608.70
⊕ Brg. Pier 6	218+56.71	28.04	608.46	608.46
N	218+66.71	28.04	608.16	608.16
O	218+76.71	28.04	607.86	607.86
P	218+86.71	28.04	607.56	607.56
⊕ Brg. Abut. D	218+94.46	28.04	607.32	607.32
Bk. Abut. D	218+96.55	28.04	607.26	607.26

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+01.58	30.54	613.07	613.07
⊕ Brg. Abut. C	217+03.67	30.54	613.01	613.01
A	217+13.67	30.54	612.71	612.71
B	217+23.67	30.54	612.41	612.41
C	217+33.67	30.54	612.11	612.11
⊕ Brg. Pier 4	217+41.42	30.54	611.88	611.88
D	217+51.42	30.54	611.58	611.58
E	217+61.42	30.54	611.28	611.29
F	217+71.42	30.54	610.98	610.99
G	217+81.42	30.54	610.68	610.69
H	217+91.42	30.54	610.38	610.38
⊕ Brg. Pier 5	217+99.42	30.54	610.14	610.14
I	218+09.42	30.54	609.84	609.84
J	218+19.42	30.54	609.54	609.55
K	218+29.42	30.54	609.24	609.25
L	218+39.42	30.54	608.94	608.95
M	218+49.42	30.54	608.64	608.64
⊕ Brg. Pier 6	218+57.42	30.54	608.40	608.40
N	218+67.42	30.54	608.10	608.10
O	218+77.42	30.54	607.80	607.80
P	218+87.42	30.54	607.50	607.50
⊕ Brg. Abut. D	218+95.17	30.54	607.26	607.26
Bk. Abut. D	218+97.25	30.54	607.20	607.20

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+03.87	38.71	612.87	612.87
⊕ Brg. Abut. C	217+05.96	38.71	612.81	612.81
A	217+15.96	38.71	612.51	612.52
B	217+25.96	38.71	612.21	612.22
C	217+35.96	38.71	611.91	611.91
⊕ Brg. Pier 4	217+43.71	38.71	611.68	611.68
D	217+53.71	38.71	611.38	611.39
E	217+63.71	38.71	611.08	611.10
F	217+73.71	38.71	610.78	610.80
G	217+83.71	38.71	610.48	610.50
H	217+93.71	38.71	610.18	610.18
⊕ Brg. Pier 5	218+01.71	38.71	609.94	609.94
I	218+11.71	38.71	609.64	609.65
J	218+21.71	38.71	609.34	609.36
K	218+31.71	38.71	609.04	609.07
L	218+41.71	38.71	608.74	608.76
M	218+51.71	38.71	608.44	608.45
⊕ Brg. Pier 6	218+59.71	38.71	608.20	608.20
N	218+69.71	38.71	607.90	607.90
O	218+79.71	38.71	607.60	607.60
P	218+89.71	38.71	607.30	607.30
⊕ Brg. Abut. D	218+97.46	38.71	607.07	607.07
Bk. Abut. D	218+99.54	38.71	607.00	607.00

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theor. Grade Elevations Adj. For Dead Load Deflection
Bk. Abut. C	217+06.15	46.86	612.65	612.65
⊕ Brg. Abut. C	217+08.24	46.83	612.59	612.59
A	217+18.24	46.73	612.29	612.30
B	217+28.24	46.62	612.00	612.00
C	217+38.24	46.51	611.70	611.70
⊕ Brg. Pier 4	217+45.87	46.43	611.47	611.47
D	217+55.84	46.32	611.17	611.18
E	217+65.81	46.22	610.87	610.90
F	217+75.78	46.11	610.58	610.60
G	217+85.75	46.00	610.28	610.30
H	217+95.72	45.90	609.98	609.99
⊕ Brg. Pier 5	218+03.70	45.81	609.74	609.74
I	218+13.67	45.71	609.45	609.45
J	218+23.64	45.60	609.15	609.17
K	218+33.61	45.49	608.85	608.88
L	218+43.58	45.39	608.55	608.58
M	218+53.55	45.28	608.26	608.27
⊕ Brg. Pier 6	218+61.53	45.19	608.02	608.02
N	218+71.50	45.09	607.72	607.72
O	218+81.47	44.98	607.42	607.43
P	218+91.44	44.87	607.13	607.13
⊕ Brg. Abut. D	218+99.16	44.79	606.90	606.90
Bk. Abut. D	219+01.25	44.77	606.83	606.83

NUMBERS
SIZES
QUANTITIES



ILLINOIS DEPARTMENT OF TRANSPORTATION
TOP OF SLAB ELEVATIONS IV (EB BRIDGE)
INTERSTATE 80 OVER INTERSTATE 88
F.A.I. ROUTE 80 - SECTION 81-IHBY-D
ROCK ISLAND COUNTY
STATION 217+81.50
EB S.N. 081-0012 & WB 081-0013
DRAWN BY: M. Woldezion
CHECKED BY: A. Yargloolu
DATE: FEBRUARY 27, 2008