

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 72 FAU 8071	#	SANGAMON	559	324
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 05
21 SHEETS

* (84-9-4)A, HBK, BY, BY-1 Contract No 72541

BEAM #1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+94.97	-18.67	633.15	633.15
⊕ Brg. E. Abut.	44+98.26	-18.67	633.17	633.17
a	45+08.16	-18.67	633.21	633.23
b	45+18.06	-18.67	633.26	633.28
c	45+27.97	-18.67	633.29	633.32
d	45+37.87	-18.67	633.33	633.34
⊕ Pier 1	45+50.16	-18.67	633.36	633.36
e	45+60.07	-18.67	633.38	633.39
f	45+69.97	-18.67	633.40	633.41
g	45+79.87	-18.67	633.41	633.43
h	45+89.77	-18.67	633.41	633.43
i	45+99.68	-18.67	633.42	633.42
⊕ Pier 2	46+09.60	-18.67	633.41	633.41
j	46+19.50	-18.67	633.40	633.41
k	46+29.40	-18.67	633.39	633.40
l	46+39.31	-18.67	633.37	633.39
m	46+49.21	-18.67	633.35	633.36
n	46+59.11	-18.67	633.32	633.32
⊕ Pier 3	46+68.28	-18.67	633.29	633.29
o	46+78.18	-18.67	633.25	633.26
p	46+88.08	-18.67	633.22	633.20
q	46+97.99	-18.67	633.16	633.18
r	47+07.89	-18.67	633.10	633.12
⊕ Brg. W. Brg	47+18.32	-18.67	633.04	633.04
Bk. W. Abut.	47+21.46	-18.67	633.02	633.02

BEAM #2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+92.18	-12.83	632.83	632.83
⊕ Brg. E. Abut.	44+95.48	-12.83	632.85	632.85
a	45+05.42	-12.83	632.90	632.91
b	45+15.35	-12.83	632.94	632.97
c	45+25.28	-12.83	632.98	633.00
d	45+35.21	-12.83	633.01	633.03
⊕ Pier 1	45+47.58	-12.83	633.05	633.05
e	45+57.51	-12.83	633.07	633.08
f	45+67.45	-12.83	633.09	633.10
g	45+77.38	-12.83	633.10	633.12
h	45+87.31	-12.83	633.11	633.12
i	45+97.25	-12.83	633.11	633.12
⊕ Pier 2	46+07.23	-12.83	633.11	633.11
j	46+17.16	-12.83	633.10	633.11
k	46+27.10	-12.83	633.09	633.10
l	46+37.03	-12.83	633.07	633.09
m	46+46.96	-12.83	633.05	633.06
n	46+56.90	-12.83	633.02	633.03
⊕ Pier 3	46+66.12	-12.83	632.99	632.99
o	46+76.05	-12.83	632.95	632.96
p	46+85.98	-12.83	632.91	632.93
q	46+95.92	-12.83	632.86	632.88
r	47+05.85	-12.83	632.81	632.82
⊕ Brg. W. Brg	47+16.33	-12.83	632.75	632.75
Bk. W. Abut.	47+19.48	-12.83	632.73	632.73

BEAM #3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+89.37	-7.00	632.51	632.51
⊕ Brg. E. Abut.	44+92.69	-7.00	632.53	632.53
a	45+02.65	-7.00	632.58	632.60
b	45+12.61	-7.00	632.62	632.65
c	45+22.58	-7.00	632.66	632.69
d	45+32.54	-7.00	632.70	632.71
⊕ Pier 1	45+44.98	-7.00	632.74	632.74
e	45+54.95	-7.00	632.76	632.77
f	45+64.91	-7.00	632.78	632.79
g	45+74.87	-7.00	632.79	632.81
h	45+84.83	-7.00	632.80	632.82
i	45+94.80	-7.00	632.80	632.81
⊕ Pier 2	46+04.85	-7.00	632.80	632.80
j	46+14.81	-7.00	632.80	632.80
k	46+24.78	-7.00	632.79	632.80
l	46+34.74	-7.00	632.77	632.79
m	46+44.70	-7.00	632.75	632.76
n	46+54.66	-7.00	632.72	632.73
⊕ Pier 3	46+63.95	-7.00	632.69	632.69
o	46+73.91	-7.00	632.66	632.66
p	46+83.87	-7.00	632.61	632.63
q	46+93.84	-7.00	632.57	632.59
r	47+03.80	-7.00	632.52	632.53
⊕ Brg. W. Brg	47+14.34	-7.00	632.46	632.46
Bk. W. Abut.	47+17.49	-7.00	632.44	632.44

Note:
Offset measured from ⊕ Ramp C

BEAM #4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+86.55	-1.17	632.19	632.19
⊕ Brg. E. Abut.	44+89.88	-1.17	632.21	632.21
a	44+99.87	-1.17	632.26	632.28
b	45+09.86	-1.17	632.31	632.33
c	45+19.86	-1.17	632.35	632.37
d	45+29.85	-1.17	632.39	632.40
⊕ Pier 1	45+42.37	-1.17	632.42	632.42
e	45+52.36	-1.17	632.45	632.46
f	45+62.35	-1.17	632.47	632.48
g	45+72.35	-1.17	632.48	632.50
h	45+82.34	-1.17	632.49	632.51
i	45+92.33	-1.17	632.50	632.51
⊕ Pier 2	46+02.45	-1.17	632.50	632.50
j	46+12.45	-1.17	632.49	632.50
k	46+22.44	-1.17	632.48	632.50
l	46+32.43	-1.17	632.47	632.49
m	46+42.43	-1.17	632.45	632.46
n	46+52.42	-1.17	632.42	632.43
⊕ Pier 3	46+61.76	-1.17	632.39	632.39
o	46+71.75	-1.17	632.36	632.37
p	46+81.75	-1.17	632.32	632.34
q	46+91.74	-1.17	632.27	632.29
r	47+01.73	-1.17	632.22	632.24
⊕ Brg. W. Brg	47+12.32	-1.17	632.16	632.16
Bk. W. Abut.	47+15.49	-1.17	632.14	632.14

⊕ RAMP C & P.G. LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+85.98	0.00	632.13	632.13
⊕ Brg. E. Abut.	44+89.31	0.00	632.14	632.14
a	44+99.31	0.00	632.20	632.21
b	45+09.31	0.00	632.24	632.27
c	45+19.31	0.00	632.29	632.31
d	45+29.31	0.00	632.32	632.34
⊕ Pier 1	45+41.84	0.00	632.36	632.36
e	45+51.84	0.00	632.39	632.39
f	45+61.84	0.00	632.41	632.42
g	45+71.84	0.00	632.42	632.44
h	45+81.84	0.00	632.43	632.45
i	45+91.84	0.00	632.44	632.45
⊕ Pier 2	46+01.97	0.00	632.44	632.44
j	46+11.97	0.00	632.43	632.44
k	46+21.97	0.00	632.42	632.44
l	46+31.97	0.00	632.41	632.43
m	46+41.97	0.00	632.39	632.40
n	46+51.97	0.00	632.36	632.37
⊕ Pier 3	46+61.32	0.00	632.33	632.33
o	46+71.32	0.00	632.30	632.31
p	46+81.32	0.00	632.26	632.28
q	46+91.32	0.00	632.21	632.23
r	47+01.32	0.00	632.16	632.18
⊕ Brg. W. Brg	47+11.92	0.00	632.10	632.10
Bk. W. Abut.	47+15.09	0.00	632.09	632.09

BEAM #5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	44+83.70	4.67	631.87	631.87
⊕ Brg. E. Abut.	44+87.04	4.67	631.89	631.89
a	44+97.07	4.67	631.94	631.96
b	45+07.09	4.67	631.99	632.01
c	45+17.12	4.67	632.03	632.06
d	45+27.14	4.67	632.07	632.08
⊕ Pier 1	45+39.73	4.67	632.11	632.11
e	45+49.76	4.67	632.14	632.14
f	45+59.78	4.67	632.16	632.17
g	45+69.81	4.67	632.18	632.20
h	45+79.83	4.67	632.19	632.20
i	45+89.86	4.67	632.19	632.20
⊕ Pier 2	46+00.04	4.67	632.19	632.19
j	46+10.06	4.67	632.19	632.20
k	46+20.09	4.67	632.18	632.19
l	46+30.11	4.67	632.17	632.19
m	46+40.14	4.67	632.15	632.16
n	46+50.16	4.67	632.12	632.13
⊕ Pier 3	46+59.56	4.67	632.10	632.10
o	46+69.58	4.67	632.06	632.07
p	46+79.61	4.67	632.02	632.04
q	46+89.63	4.67	631.98	632.00
r	46+99.66	4.67	631.93	631.94
⊕ Brg. W. Brg	47+10.30	4.67	631.87	631.87
Bk. W. Abut.	47+13.48	4.67	631.85	631.85

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
I-72/MACARTHUR BLVD. RAMP C OVER UPRR
SECTION (84-9-4)A, HBK, BY, BY-1
SANGAMON COUNTY
STATION 46+01.97
STRUCTURE NUMBER 084-0516

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96S2002B

DATE: 11/16/05

LAYOUT: MM 06/27/03
 DRAWN: DAP 01/04/05
 REVIEWED: JMM 02/24/05
 \$FILES\$ 12/16/2006