

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP Rte 614	144(B-1)	Cass & Mason	351	141
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 5

86 SHEETS

Contract #72A76

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theo. Grade Elevations Adj. for D.L. Deflection
Bk. No. Abut.	904+08.33	-16.46	471.76	471.76
⌒ Brg. No. Abut	904+11.91	-16.46	471.78	471.78
1a	904+21.91	-16.46	471.83	471.91
1b	904+31.91	-16.46	471.88	472.04
1c	904+41.91	-16.46	471.93	472.17
1d	904+51.91	-16.46	471.98	472.28
1e	904+61.91	-16.46	472.03	472.35
1f	904+71.91	-16.46	472.08	472.42
1g	904+81.91	-16.46	472.13	472.49
1h	904+91.91	-16.46	472.18	472.51
1i	905+01.91	-16.46	472.23	472.52
1j	905+11.91	-16.46	472.28	472.52
1k	905+21.91	-16.46	472.33	472.53
1m	905+31.91	-16.46	472.38	472.52
1n	905+41.91	-16.46	472.43	472.52
1p	905+51.91	-16.46	472.48	472.51
⌒ Brg. Pier No. 1	905+58.33	-16.46	472.51	472.51
2a	905+68.33	-16.46	472.56	472.55
2b	905+78.33	-16.46	472.61	472.59
2c	905+88.33	-16.46	472.66	472.63
2d	905+98.33	-16.46	472.71	472.67
2e	906+08.33	-16.46	472.76	472.73
2f	906+18.33	-16.46	472.81	472.78
2g	906+28.33	-16.46	472.86	472.84
2h	906+38.33	-16.46	472.91	472.89
2i	906+48.33	-16.46	472.96	472.93
2j	906+58.33	-16.46	473.01	472.97
2k	906+68.33	-16.46	473.06	473.02
2m	906+78.33	-16.46	473.11	473.07
2n	906+88.33	-16.46	473.16	473.14
2p	906+98.33	-16.46	473.21	473.20
⌒ Brg Pier No. 2	907+08.33	-16.46	473.26	473.26
3a	907+18.33	-16.46	473.31	473.37
3b	907+28.33	-16.46	473.36	473.47
3c	907+38.33	-16.46	473.41	473.58
3d	907+48.33	-16.46	473.46	473.69
3e	907+58.33	-16.46	473.51	473.78
3f	907+68.33	-16.46	473.56	473.88
3g	907+78.33	-16.46	473.61	473.98
3h	907+88.33	-16.46	473.66	474.04
3i	907+98.33	-16.46	473.71	474.07
3j	908+08.33	-16.46	473.76	474.10
3k	908+18.33	-16.46	473.81	474.13
3m	908+28.33	-16.46	473.86	474.10
3n	908+38.33	-16.46	473.91	474.07
3p	908+48.33	-16.46	473.96	474.03
⌒ Brg. Pier No. 3 (Unit 1)	908+56.83	-16.46	474.00	474.00
⌒ Pier No. 3	908+58.33	-16.46	474.01	474.01

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theo. Grade Elevations Adj. for D.L. Deflection
Bk. No. Abut.	904+11.40	-9.88	471.90	471.90
⌒ Brg. No. Abut	904+14.98	-9.88	471.91	471.91
1a	904+24.98	-9.88	471.96	472.05
1b	904+34.98	-9.88	472.01	472.18
1c	904+44.98	-9.88	472.06	472.31
1d	904+54.98	-9.88	472.11	472.42
1e	904+64.98	-9.88	472.16	472.49
1f	904+74.98	-9.88	472.21	472.56
1g	904+84.98	-9.88	472.26	472.63
1h	904+94.98	-9.88	472.31	472.65
1i	905+04.98	-9.88	472.36	472.66
1j	905+14.98	-9.88	472.41	472.66
1k	905+24.98	-9.88	472.46	472.66
1m	905+34.98	-9.88	472.51	472.66
1n	905+44.98	-9.88	472.56	472.65
1p	905+54.98	-9.88	472.61	472.65
⌒ Brg. Pier No. 1	905+61.40	-9.88	472.65	472.65
2a	905+71.40	-9.88	472.70	472.69
2b	905+81.40	-9.88	472.75	472.72
2c	905+91.40	-9.88	472.80	472.76
2d	906+01.40	-9.88	472.85	472.81
2e	906+11.40	-9.88	472.90	472.86
2f	906+21.40	-9.88	472.95	472.92
2g	906+31.40	-9.88	473.00	472.98
2h	906+41.40	-9.88	473.05	473.03
2i	906+51.40	-9.88	473.10	473.07
2j	906+61.40	-9.88	473.15	473.11
2k	906+71.40	-9.88	473.20	473.15
2m	906+81.40	-9.88	473.25	473.21
2n	906+91.40	-9.88	473.30	473.27
2p	907+01.40	-9.88	473.35	473.33
⌒ Brg Pier No. 2	907+11.40	-9.88	473.40	473.40
3a	907+21.40	-9.88	473.45	473.50
3b	907+31.40	-9.88	473.50	473.61
3c	907+41.40	-9.88	473.55	473.72
3d	907+51.40	-9.88	473.60	473.82
3e	907+61.40	-9.88	473.65	473.92
3f	907+71.40	-9.88	473.70	474.02
3g	907+81.40	-9.88	473.75	474.12
3h	907+91.40	-9.88	473.80	474.17
3i	908+01.40	-9.88	473.85	474.20
3j	908+11.40	-9.88	473.90	474.23
3k	908+21.40	-9.88	473.95	474.26
3m	908+31.40	-9.88	474.00	474.24
3n	908+41.40	-9.88	474.05	474.20
3p	908+51.40	-9.88	474.10	474.17
⌒ Brg. Pier No. 3 (Unit 1)	908+59.90	-9.88	474.14	474.14
⌒ Pier No. 3	908+61.40	-9.88	474.15	474.15

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theo. Grade Elevations Adj. for D.L. Deflection
Bk. No. Abut.	904+14.47	-3.29	472.01	472.01
⌒ Brg. No. Abut	904+18.05	-3.29	472.03	472.03
1a	904+28.05	-3.29	472.08	472.16
1b	904+38.05	-3.29	472.13	472.29
1c	904+48.05	-3.29	472.18	472.42
1d	904+58.05	-3.29	472.23	472.53
1e	904+68.05	-3.29	472.28	472.60
1f	904+78.05	-3.29	472.33	472.67
1g	904+88.05	-3.29	472.38	472.74
1h	904+98.05	-3.29	472.43	472.76
1i	905+08.05	-3.29	472.48	472.77
1j	905+18.05	-3.29	472.53	472.77
1k	905+28.05	-3.29	472.58	472.78
1m	905+38.05	-3.29	472.63	472.77
1n	905+48.05	-3.29	472.68	472.77
1p	905+58.05	-3.29	472.73	472.76
⌒ Brg. Pier No. 1	905+64.47	-3.29	472.76	472.76
2a	905+74.47	-3.29	472.81	472.80
2b	905+84.47	-3.29	472.86	472.84
2c	905+94.47	-3.29	472.91	472.88
2d	906+04.47	-3.29	472.96	472.92
2e	906+14.47	-3.29	473.01	472.98
2f	906+24.47	-3.29	473.06	473.03
2g	906+34.47	-3.29	473.11	473.09
2h	906+44.47	-3.29	473.16	473.14
2i	906+54.47	-3.29	473.21	473.18
2j	906+64.47	-3.29	473.26	473.23
2k	906+74.47	-3.29	473.31	473.27
2m	906+84.47	-3.29	473.36	473.32
2n	906+94.47	-3.29	473.41	473.39
2p	907+04.47	-3.29	473.46	473.45
⌒ Brg Pier No. 2	907+14.47	-3.29	473.51	473.51
3a	907+24.47	-3.29	473.56	473.62
3b	907+34.47	-3.29	473.61	473.73
3c	907+44.47	-3.29	473.66	473.83
3d	907+54.47	-3.29	473.71	473.94
3e	907+64.47	-3.29	473.76	474.03
3f	907+74.47	-3.29	473.81	474.13
3g	907+84.47	-3.29	473.86	474.23
3h	907+94.47	-3.29	473.91	474.29
3i	908+04.47	-3.29	473.96	474.32
3j	908+14.47	-3.29	474.01	474.35
3k	908+24.47	-3.29	474.06	474.38
3m	908+34.47	-3.29	474.11	474.35
3n	908+44.47	-3.29	474.16	474.32
3p	908+54.47	-3.29	474.21	474.28
⌒ Brg. Pier No. 3 (Unit 1)	908+62.97	-3.29	474.25	474.25
⌒ Pier No. 3	908+64.47	-3.29	474.26	474.26

⌒ BRIDGE & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theo. Grade Elevations Adj. for D.L. Deflection
Bk. No. Abut.	904+16.00	0.00	472.07	472.07
⌒ Brg. No. Abut	904+19.58	0.00	472.09	472.09
1a	904+29.58	0.00	472.14	472.22
1b	904+39.58	0.00	472.19	472.35
1c	904+49.58	0.00	472.24	472.48
1d	904+59.58	0.00	472.29	472.59
1e	904+69.58	0.00	472.34	472.66
1f	904+79.58	0.00	472.39	472.73
1g	904+89.58	0.00	472.44	472.80
1h	904+99.58	0.00	472.49	472.82
1i	905+09.58	0.00	472.54	472.83
1j	905+19.58	0.00	472.59	472.83
1k	905+29.58	0.00	472.64	472.84
1m	905+39.58	0.00	472.69	472.83
1n	905+49.58	0.00	472.74	472.83
1p	905+59.58	0.00	472.79	472.82
⌒ Brg. Pier No. 1	905+66.00	0.00	472.82	472.82
2a	905+76.00	0.00	472.87	472.86
2b	905+86.00	0.00	472.92	472.90
2c	905+96.00	0.00	472.97	472.93
2d	906+06.00	0.00	473.02	472.98
2e	906+16.00	0.00	473.07	473.03
2f	906+26.00	0.00	473.12	473.09
2g	906+36.00	0.00	473.17	473.15
2h	906+46.00	0.00	473.22	473.20
2i	906+56.00	0.00	473.27	473.24
2j	906+66.00	0.00	473.32	473.28
2k	906+76.00	0.00	473.37	473.32
2m	906+86.00	0.00	473.42	473.38
2n	906+96.00	0.00	473.47	473.44
2p	907+06.00	0.00	473.52	473.51
⌒ Brg Pier No. 2	907+16.00	0.00	473.57	473.57
3a	907+26.00	0.00	473.62	473.68
3b	907+36.00	0.00	473.67	473.78
3c	907+46.00	0.00	473.72	473.89
3d	907+56.00	0.00	473.77	473.99
3e	907+66.00	0.00	473.82	474.09
3f	907+76.00	0.00	473.87	474.19
3g	907+86.00	0.00	473.92	474.29
3h	907+96.00	0.00	473.97	474.35
3i	908+06.00	0.00	474.02	474.38
3j	908+16.00	0.00	474.07	474.41
3k	908+26.00	0.00	474.12	474.44
3m	908+36.00	0.00	474.17	474.41
3n	908+46.00	0.00	474.22	474.37
3p	908+56.00	0.00	474.27	474.34
⌒ Brg. Pier No. 3 (Unit 1)	908+64.50	0.00	474.31	474.31
⌒ Pier No. 3	908+66.00	0.00	474.32	474.32

UNIT 1 - TOP OF SLAB ELEVATIONS (Sheet 2 of 3)
F.A.P. 614 (IL 78) OVER SANGAMON RIVER
PUBLIC WATERS
CASS & MASON COUNTIES
SECTION 144 (B-1)
STA. 913+26.00
STRUCTURE NUMBER 009-0510
PROFESSIONAL DESIGN FIRM LICENSE #184-001084

© Copyright Hanson Professional Services Inc. \$MS_YEAR\$



JOB NO.

07S2026

DATE

03/27/09

LAYOUT: BWC/AMM 09/12/08
DRAWN: BWC/AMM 09/10/08
REVIEWED: TEH 09/30/08
Mod: 3/1/2009 0