

DRAINAGE PIPES

UPSTREAM		DOWNSTREAM		PIPE DIAMETER (IN)	PIPE SLOPE (%)	PIPE TYPE								SS WMQP 12"	TRENCH BACKFILL (CU YD)		
STRUCTURE NUMBER	INVERT ELEV	STRUCTURE NUMBER	INVERT ELEV			SS CL A TYPE 2 12"	SS CL A TYPE 2 15"	SS CL A TYPE 2 18"	SS CL A TYPE 2 21"	SS CL A TYPE 3 15"	SS CL A TYPE 3 21"	SS CL A TYPE 3 24"					
1-06	23.00	2-06	17.29	15	3.02		189										
1-05	25.16	1-06	25.00	12	2.00	8											5.7
1-04	27.52	1-05	27.00	12	2.00	26											7.8
1-02	27.31	1-06	24.50	15	1.51		186										-
1-03	29.16	1-02	29.00	12	2.00	8											6.4
1-01	29.97	1-02	28.30	15	2.25		74										-
1-07	30.91	1-01	30.75	12	2.00		8										3.5
WE-03	31.91	1-07	31.61	12	2.00	15											5.6
2-03	7.99	3-02	0.00	15	3.55				225								232.8
2-04	13.77	2-03	13.70	12	1.00	7											1.2
2-05	14.32	2-04	14.20	12	0.44												2.9
2-01	15.60	2-03	9.90	15	3.54		161										167.2
2-02	18.78	2-01	18.50	12	1.00	28											10.1
2-06	16.83	2-01	15.80	15	3.02		34										32.1
3-03	-5.79	3-10	-7.20	18	1.52			93									88.8
3-07	-2.14	3-10	-2.86	12	2.25												0.3
3-02	-0.61	3-03	-5.79	18	2.80			185									179.9
3-09	3.70	3-02	3.60	12	1.00	10											1.7
3-01	5.88	3-09	4.63	12	4.80												-
4-01	-8.91	WL-19	-9.03	12	0.44	28											6.6
4-04	-10.11	PLUG	-10.17	18	0.27			22									5.0
4-03	-10.07	4-04	-10.11	12	0.44	10											1.6
4-02	-9.71	4-03	-10.07	12	0.44	82											12.4
4-05	-10.06	4-04	-10.11	12	0.50	10											1.6
4-06	-9.92	4-05	-10.06	12	0.50	28											4.4
4-07	-9.81	4-06	-9.92	12	0.50	22											3.4
5-01	-8.58	NL-55	-8.75	15	0.32		54										16.1
5-12	-8.33	5-01	-8.58	12	0.44												57
5-02	-6.42	NL-55	-6.50	8	1.00												1.5
5-04	-13.32	PLUC	-14.15	24	0.75					111							198.9
5-05	-5.92	5-04	-6.00	12	1.00	8											1.6
5-03	-8.48	5-04	-9.00	12	1.00	52											18.7
5-07	-11.82	5-04	-13.07	21	1.00					125							200.9
5-08	-4.89	5-07	-5.00	12	1.00	11											1.9
5-06	-7.49	5-07	-8.00	12	1.00	51											16.5
5-09	-10.04	5-07	-11.32	15	1.00				128								166.9
5-10	-4.39	5-09	-4.50	12	1.00	11											2.0
5-11	-8.52	5-09	-9.25	12	1.50	49											42.2
6-01	-7.76	10-09	-7.88	12	6.00	2											2.2
6-02	-6.28	6-01	-7.76	12	2.00	74											60.2
6-03	-3.92	6-02	-5.00	12	2.00	54											14.5
6-04	-4.40	6-02	-6.28	12	2.00	94											37.0
6-05	-2.67	6-04	-3.75	12	2.00	54											11.4
7-02	-3.38	11-11	-3.40	12	1.00	2											0.4
6-06	-2.63	7-02	-3.38	12	0.90	83											14.3
7-01	-2.82	7-02	-3.38	12	1.00	56											9.4
7-03	-7.00	11-06	-7.02	12	1.00	2											1.6
7-05	-6.98	11-07	-7.00	12	1.00	2											1.6
7-04	-4.38	7-05	-5.50	12	2.00	56											13.7
7-06	-4.60	7-05	-6.00	12	2.00	70											17.6
7-07	-5.96	12-15	-6.00	12	2.00	2											0.6
7-08	-4.94	7-07	-5.50	12	1.00	56											9.4
8-01	-7.27	12-04	-7.29	15	1.00		2										0.7
8-02	-6.43	8-01	-7.27	15	1.50		56										13.0
8-03	-7.33	12-08	-7.35	12	1.00	2											0.4
9-03	-8.72	13-04	-8.75	21	1.00			3									0.8
9-02	-8.51	9-03	-8.72	12	1.00	21											4.1
9-01	-8.36	9-02	-8.51	12	1.00	15											2.7
PLUG	-7.53	9-03	-8.45	15	2.10		44										6.9
9-08	-7.25	EE-03	-7.28	15	0.50		6										0.8
ED-08	-6.87	9-08	-7.25	15	0.33		115										-
9-04	-7.71	13-10	-7.77	12	1.00	6											1.2
PLUG	-6.76	9-04	-7.65	12	1.75	51											9.0
9-05	-6.54	13-14	-6.66	15	1.00		12										2.9
PLUG	-5.84	9-05	-6.54	15	1.30		54										11.7
9-07	-5.08	13-18	-5.19	12	1.00	11											2.3
9-06	-4.59	9-07	-5.08	12	0.90	55											8.4
10-02	-4.45	13-20	-4.58	12	1.00	13											2.9
10-01	-3.91	10-02	-4.45	12	1.00	54											9.4
10-04	-5.04	14-03	-5.06	12	1.00	2											0.4
10-03	-4.56	10-04	-5.04	12	0.90	53											8.9
11-02	-6.78	14-06	-6.81	12	0.50	6											1.2
11-01	-6.59	11-02	-6.78	12	0.44	44											7.3
11-03	-8.63	11-04	-8.85	12	0.44	51											8.8
11-04	-8.85	15-05	-8.87	12	0.50	3											0.7

F.A.I. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 312	SHEET NO. 85
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
60A62		* (1919.15, 2021-922 PT1 & PT2) R-1		

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11-04	-8.85	15-05	-8.87	12	0.50	3											0.7
11-07	-8.55	11-06	-8.60	12	0.50	10											1.4
11-05	-8.56	11-06	-8.60	12	0.50	8											1.2
11-06	-8.60	11-09	-8.86	12	0.50	53											8.3
11-08	-8.81	11-09	-8.86	12	0.50	10											1.6
11-09	-8.86	11-10	-8.91	12	0.50	10											1.7
11-10	-8.91	15-09	-8.92	12	0.50	1											0.2
12-01	-8.24	12-02	-8.77	12	1.00	53											8.7
12-02	-8.77	15-17	-8.79	12	1.00	2											0.4
12-03	-6.32	12-04	-6.82	12	1.00	50											8.4
12-04	-6.82	15-21	-6.84	12	1.00	2											0.4
12-06	-6.33	16-07	-6.35	12	1.00	2											0.5
12-05	-5.83	12-06	-6.33	12	1.00	50											9.1
13-01	-6.25	13-02	-6.81	12	1.00	56											9.5
13-02	-6.81	16-03	-6.83	12	1.00	2											0.4
13-03	-7.79	13-04	-8.49	12	1.00	70											10.6
13-04	-8.49	16-05	-8.51	12	1.00	2											0.4
14-01	-8.88	14-03	-9.03	12	0.44	34											6.5
14-03	-9.03	14-04	-9.23	12	0.44	46											10.0
14-05	-9.13	14-04	-9.23	12	0.50	20											4.2
14-04	-9.23	14-06	-9.27	12	0.44	10											2.2
14-06	-9.27	14-07	-9.36	12	0.44	21											4.8
14-07	-9.36	17-11	-9.37	15	0.50												0.3
14-12	-8.55	14-03	-9.03	12	0.44	108				1							23.1
14-08	-9.22	14-07	-9.36	12	0.50	29											6.7
14-10	-6.90	14-11	-7.15	12	0.50	51											8.0
14-11	-7.15	17-13	-7.16	12	0.50	2				</							