F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	588	149
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62303	* (2021-922 PT2 ETC 2324.6-1P) R-11			

DRAINAGE PIPES

UPSTREAM		DOWNSTREAM		PIPE DIAMETER	SLOPE	PIPE TYPE				TRENCH BACKFILL	ROCK EX FOR STR.
STRUCT NUMBER	INVERT ELEV	STRUCT NUMBER	INVERT ELEV			SS CL A TYPE 2 12"	SS CL A TYPE 2 15"	SS CL A TYPE 2 18"	SS WMQP 12"		
				(IN)	(%)	(FT)	(FT)	(FT)	(FT)	(CU YD)	(CU YD)
12-08	-6.58	19-18	-6.61	12	0.50%	5				1.0	
12-09	-5.23	12-08	-6.58	12	3.29%				41	4.0	
12-10	-4.67	19-19	-4.69	12	0.50%	3				0.6	
12-11	-3.28	12-10	-4.67	12	3.16%				44	4.6	
13-01	-2.64	20-03	-2.66	12	0.50%	3				0.6	
13-02	-1.23	13-01	-2.64	12	3.00%				47	5.3	
13-03	-0.66	20-05	-0.68	12	0.50%	3				0.6	
13-04	0.74	13-03	-0.66	12	2.86%				49	5.6	
14-01	1.66	20-09	1.64	12	0.50%	3				0.6	
14-02	2.99	14-01	1.66	12	2.66%				50	5.7	
14-03	3.53	21-02	3.49	12	0.44%	3				0.7	
14-04	4.94	14-03	3.53	12	2.88%				49	5.7	
14-05	4.01	14-03	3.53	12	0.44%	110				20.9	
14-06	4.26	14-05	4.01	12	0.50%	50				8.8	
15-01	4.62	21-04	4.58	12	0.57%				3	0.4	
15-02	4.87	15-01	4.62	12	0.45%	56				5.6	
15-03	5.03	15-02	4.87	12	0.44%				36	2.7	
15-04	3.02	22-01	3.00	12	0.50%	2				0.5	
15-05	2.22	22-11	2.17	12	0.50%	3				0.7	
15-06	2.53	15-05	2.22	12	0.58%	53				7.7	
16-01	-0.20	22-12	-0.22	12	0.50%	3				0.7	
16-02	0.02	16-01	-0.20	12	0.44%	50				7.8	
16-03	-2.53	23-01	-2.55	12	0.50%	3				0.7	
16-04	-2.06	16-03	-2.53	12	0.75%	63				10.0	
17-01	-5.73	23-06	-5.75	12	0.50%	2				0.6	
17-02	-4.42	17-01	-5.73	12	1.00%	131				32.7	
17-03	-5.50	17-01	-5.73	12	0.45%	51				9.8	
17-04	-8.01	23-11	-8.03	12	0.50%	3				1.0	
17-05	-7.60	17-04	-8.01	12	0.44%	94				22.9	
17-06	-7.74	17-04	-8.01	12	0.45%	60				11.5	
18-01	-9.76	24-05	-9.78	12	0.50%	3				0.9	
18-02	-9.73	18-01	-9.76	12	0.60%	5				1.2	
18-03	-9.66	18-02	-9.73	12	0.47%	15				3.3	
18-04	-9.29	18-02	-9.73	12	0.94%	47				8.5	
18-05	-9.22	18-04	-9.29	12	0.47%	15				2.1	
18-06	-9.03	18-05	-9.22	12	0.46%	41				5.4	
18-07	-9.25	18-04	-9.29	12	0.44%	9				1.3	
18-08	-7.65	24-51	-8.04	12	0.74%	53				9.3	
19-01	-5.55	24-12	-5.60	12	0.71%	3				1.2	
19-02	-5.33	19-01	-5.55	12	1.00%	22				7.7	
19-03	-4.77	19-02	-5.33	12	1.00%	56				10.3	
19-04	-3.36	25-18	-3.66	12	1.67%	12				4.2	
19-05	-2.46	19-04	-3.36	12	1.50%	60				14.3	
19-06	0.33	25-10	0.23	12	0.45%	18				4.1	
19-07	0.97	19-06	0.33	12	1.00%	64				9.9	
20-01	2.68	25-13	2.52	15	0.44%		4			1.2	
20-02	2.72	20-01	2.68	12	0.50%				8	1.7	
20-03	3.05	20-02	2.72	12	0.49%	67				5.4	
20-04	2.93	26-51	2.38	12	0.80%	69				11.4	
20-05	2.14	26-13	1.35	12	1.11%	71				20.2	
26-51	2.38	26-13	1.35	12	0.89%	116				23.7	
21-01	-2.31	26-14	-3.61	12	2.03%	64				42.8	
21-02	-0.53	26-14	-3.61	12	2.01%	153				78.9	
21-03	0.43	21-02	-0.53	12	2.00%	48				11.7	
21-04	-0.95	27-01	-1.00	18	0.50%			8		3.2	
21-05	-0.85	21-04	-0.95	12	1.25%	8				2.5	
21-06	-0.55	21-05	-0.85	12	0.45%	67				9.1	
22-01	-4.36	27-51	-5.03	12	1.00%	67				12.9	
22-02	-8.75	27-10	-8.82	12	1.75%	3				0.6	0.4
22-03	-7.81	22-02	-8.75	12	1.00%	94				17.5	3.1
22-04	-8.08	22-02	-8.75	12	1.00%	67				16.7	
23-01	-10.07	28-05	-10.10	12	0.50%	5				1.3	
23-02	-10.02	23-01	-10.07	12	0.50%	10				1.5	
23-03	-8.60	23-05	-8.90	12	0.44%				68	1.0	
23-04	-9.60	23-02	-10.02	12	0.62%	68				19.8	
23-05	-8.90	23-04	-9.60	12	4.67%	15				6.0	
23-06	-9.50	23-04	-9.60	12	1.00%	10				4.4	
23-07	-9.48	28-12	-9.50	12	0.50%	3				0.7	

CONTINUED ON NEXT SHEET

DS-15

CTE | AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)

DRAINAGE SCHEDULES

SCALE: NONE
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS