

DRAINAGE PIPES

UPSTREAM STRUCT NUMBER	DOWNSTREAM STRUCT NUMBER	PIPE DIAMETER (IN)	SLOPE (%)	PIPE TYPE					TRENCH BACKFILL (CU YD)	
				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 WM QUALITY 12"		
1-01	10-51	12	1.75%	62					12.1	
2-01	2-02	12	0.44%	43					9.0	
2-02	11-50	15	0.44%		72				15.5	
2-03	2-04	15	1.00%		8				1.9	
2-04	11-53	18	1.00%			57			12.8	
WB-17	11-52	12	1.44%	63					8.3	
3-01	12-50	12	1.00%	59					14.3	
WD-11	12-57	21	0.47%				46		8.7	
4-01	WD-11	15	1.00%		51				10.6	
4-02	13-17	12	0.44%	65					11.7	
4-03	13-51	12	0.75%	61					9.7	
5-01	13-52	12	0.76%	62					9.8	
6-01	14-50	12	0.44%	71					12.9	
6-02	14-51	12	1.37%	46					8.3	
6-03	15-01	12	0.50%	3					0.6	
6-04	6-03	12	1.00%	42					9.8	
7-01	15-18	12	1.50%	3					0.6	
7-02	7-01	12	4.17%	6					1.1	
7-03	7-02	12	0.47%	15					2.4	
7-05	15-20	12	0.50%	3					0.6	
7-04	7-05	12	0.49%	47					8.1	
7-10	7-04	12	0.50%	18					3.3	
7-11	7-04	12	0.50%	30					5.2	
7-07	7-05	12	0.60%	110					18.3	
7-06	7-07	12	0.69%	49					8.0	
7-09	15-26	12	0.50%	3					0.8	
7-08	7-09	12	0.46%	50					10.0	
8-03	16-01	15	0.50%		6				2.1	
8-02	8-03	12	0.50%	4					1.0	
8-01	8-02	12	0.60%	63					9.6	
9-01	16-06	12	0.44%	3					0.8	
9-02	9-01	12	1.93%					69	7.8	
9-03	17-02	12	0.44%	3					0.9	
9-04	9-03	12	0.44%	8					1.6	
9-05	9-04	12	0.44%	15					2.9	
9-06	9-04	12	1.32%	71					10.6	
9-07	9-06	12	0.47%	15					1.6	
9-08	9-06	12	0.47%	15					1.6	
9-09	9-08	12	0.45%					51	4.9	
9-10	17-10	12	0.44%	3					0.7	
9-11	9-10	12	1.00%	124					20.8	
9-12	17-11	12	0.44%	3					0.7	
9-13	9-12	12	1.38%	47					6.6	
10-01	17-14	12	0.50%	3					0.7	
10-02	10-01	12	1.34%	46					6.7	
11-01	18-01	12	0.50%	3					0.7	
11-02	11-01	12	0.45%	49					8.6	
11-03	18-04	12	0.50%	3					0.7	
11-04	11-03	12	0.45%	49					8.1	
11-05	19-02	12	0.50%	3					0.7	
11-06	11-05	12	0.45%	49					8.2	
11-07	12-04	12	0.44%	50					8.6	
12-01	19-09	12	0.44%	3					0.7	
12-02	12-01	12	0.44%	18					3.5	
12-03	12-02	12	0.44%	10					1.9	
12-04	12-02	12	0.44%	41					7.9	
12-05	12-04	12	0.44%	10					2.0	
12-06	19-15	12	0.44%	4					0.7	
12-07	12-06	12	3.22%					41	4.0	
TOTALS					1,626	137	57	46	161	352.3

PIPE UNDERDRAINS

SHEET	FROM		TO		PIPE UNDERDRAINS 6" (FT)	PIPE UNDERDRAINS 6" (SPECIAL) (FT)	CONNECTING STRUCTURE NUMBER	
	STATION	OFFSET	STATION	OFFSET				
DU-1	3423+20	32' LT	3423+00	26' LT	21		EX UD	
DU-1	3424+24	35' LT	3423+20	32' LT	104			
DU-1	3424+75	37' LT	3424+24	35' LT	52	4	1-01	
DU-1	3425+23	37' LT	3424+75	37' LT	47			
DU-1	3425+23	37' LT	3426+00	37' LT	77			
DU-2	3426+00	37' LT	3426+50	37' LT	50			
DU-2	3426+50	49' LT	3427+23	49' LT	73	4	2-01	
DU-2	3427+23	49' LT	3427+28	49' LT	5			
DU-2	3427+28	49' LT	3427+60	34' LT	35			
DU-2	3427+60	34' LT	3428+57	33' LT	98			
DU-2	3428+57	33' LT	3428+68	44' LT	15			
DU-2	3428+68	44' LT	3429+26	46' LT	59	14	2-03	
DU-2	3429+26	46' LT	3429+44	46' LT	18		EX UD	
DU-4	3436+75	24' LT	3436+75	39' LT	15		EX UD	
DU-4	3436+75	24' LT	3436+75	12' RT	36	5	12-57	
DU-4	3437+96	47' LT	3437+29	43' LT	67	5	4-02	
DU-4	3439+53	48' LT	3437+96	47' LT	157	3	4-03	
DU-4	3440+25	48' LT	3439+53	48' LT	72	3	4-04	
DU-5	3441+71	48' LT	3440+25	48' LT	146			
DU-5	3443+11	48' LT	3441+71	48' LT	140	3	5-01	
DU-5	3443+11	48' LT	3445+00	48' LT	189			
DU-6	3445+00	48' LT	3445+35	48' LT	35	3	6-01	
DU-6	3445+35	48' LT	3445+82	48' LT	47			
DU-6	3445+82	48' LT	3445+92	47' LT	10			
DU-6	3445+92	47' LT	3446+42	37' LT	52			
DU-6	3446+42	37' LT	3446+94	37' LT	52			
DU-6	3446+94	37' LT	3447+02	42' LT	10			
DU-6	3447+02	42' LT	3447+51	44' LT	49	4	6-02	
DU-6	3445+55	2' RT	3447+46	7' RT	191	5	14-51	
DU-6	3448+47	7' RT	3447+56	7' RT	90	5	14-51	
DU-6	3447+51	43' LT	3447+89	44' LT	38			
DU-6	3447+89	44' LT	3448+06	44' LT	16			
DU-6	3448+06	44' LT	3448+23	28' LT	23			
DU-6	3448+23	28' LT	3449+56	32' LT	134			
DU-6	3449+56	32' LT	3449+66	44' LT	15			
DU-6	3449+66	43' LT	3449+75	43' LT	9			
DU-7	3449+75	43' LT	3450+76	46' LT	101	5	7-10	
DU-7	3450+46	45' LT	3450+46	1' LT	45	5	7-02	
DU-7	3450+76	45' LT	3450+94	45' LT	18	5	7-04	
DU-7	3451+24	45' LT	3450+94	45' LT	30			
DU-7	3452+04	46' LT	3451+24	45' LT	79	5	7-11	
DU-7	3453+27	45' LT	3452+04	45' LT	123	5	7-06	
DU-7	3453+70	45' LT	3453+27	45' LT	43	5	7-08	
DU-7	3454+50	47' LT	3453+70	45' LT	80			
DU-8	3455+36	49' LT	3454+50	47' LT	86			
DU-8	3455+36	49' LT	3456+16	51' LT	79			
DU-8	3456+16	51' LT	3456+18	49' LT	4			
DU-8	3456+18	49' LT	3456+73	50' LT	55			
DU-8	3456+73	50' LT	3457+13	51' LT	41			
DU-8	3457+13	51' LT	3457+56	51' LT	42	5	8-01	
DU-8	3457+56	51' LT	3458+43	54' LT	87			
DU-8	3458+43	54' LT	3459+25	57' LT	82			
DU-9	3459+25	57' LT	3459+61	58' LT	36	5	9-02	
DU-9	3459+61	58' LT	3460+17	59' LT	56	5	9-07	
DU-9	3460+17	60' LT	3460+36	59' LT	19			
DU-9	3460+36	24' LT	3460+36	59' LT	35	5	9-06	
DU-9	3460+36	24' LT	3460+36	6' RT	30	5	9-04	
DU-9	3460+58	60' LT	3460+36	59' LT	22			
DU-9	3461+11	62' LT	3460+58	60' LT	53	5	9-08	
DU-9	3461+13	59' LT	3461+11	62' LT	3	5	9-09	
DU-9	3461+40	61' LT	3461+13	59' LT	27			
DU-9	3462+51	63' LT	3461+40	61' LT	111			
DU-9	3463+03	64' LT	3462+51	63' LT	52			
DU-9	3463+17	40' LT	3462+11	40' LT	107	5	9-11	
DU-9	3463+51	40' LT	3463+17	40' LT	34	5	9-13	
DU-9	3464+00	41' LT	3463+51	40' LT	50			
DU-10	3464+98	42' LT	3464+00	41' LT	98			
DU-10	3465+70	46' LT	3464+98	42' LT	72	5	10-02	
DU-10	3466+37	47' LT	3465+70	46' LT	67			
DU-10	3467+31	47' LT	3466+37	47' LT	93			
DU-10	3467+31	47' LT	3468+75	47' LT	144			
DU-11	3468+75	47' LT	3469+19	47' LT	44	5	11-02	
DU-11	3469+19	47' LT	3469+40	44' LT	21			
DU-11	3469+40	44' LT	3470+15	46' LT	75			
DU-11	3470+15	46' LT	3471+05	49' LT	90	5	11-04	
DU-11	3471+05	49' LT	3471+17	49' LT	12			
DU-11	3471+17	49' LT	3472+98	49' LT	181	5	11-06	
DU-11	3472+98	49' LT	3473+19	49' LT	21	5	11-07	
DU-11	3473+19	49' LT	3473+30	34' LT	19			
DU-11	3473+30	34' LT	3473+50	34' LT	20			
DU-12	3473+50	34' LT	3473+73	34' LT	24			
DU-12	3473+73	24' LT	3473+73	34' LT	10	5	12-04	
DU-12	3473+73	24' LT	3473+50	2' LT	22	5	12-02	
DU-12	3474+67	34' LT	3473+73	34' LT	93			
DU-12	3475+50	34' LT	3474+67	34' LT	84	5	12-07	
TOTALS					5,067	173		

F.A.I. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 247	SHEET NO. 67
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
60A63		* (919.15, 2021-922 PT1 & PT2) R-2		

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)  <b>DRAINAGE SCHEDULES</b>  SCALE: NONE DATE: June 9, 2006	DRAWN BY: MDD CHECKED BY: MS
NAME	DATE		

CTE | AECOM

DS-4  
 10/30/14  
 6/5/2006