

PROPOSED STORM SEWERS

LOCATION	PIPE NUMBER	FROM STRUCTURE	UPSTREAM INVERT	TO STRUCTURE	DOWNSTREAM INVERT	SLOPE %	STORM SEWER TYPE 2 10" FOOT	STORM SEWER TYPE 1 12" FOOT	STORM SEWER TYPE 2 12" FOOT	STORM SEWER TYPE 1 15" FOOT	STORM SEWER TYPE 2 15" FOOT	STORM SEWER TYPE 1 18" FOOT	STORM SEWER TYPE 2 18" FOOT	STORM SEWER TYPE 2 21" FOOT	STORM SEWER TYPE 1 24" FOOT	STORM SEWER TYPE 2 24" FOOT	STORM SEWER TYPE 1 30" FOOT	STORM SEWER CONNECTION TO EXISTING MH EACH	STORM SEWER CONNECTION TO EXISTING CB EACH	TRENCH BACKFILL 20800150 CU YD	
McCarthy Road	1	CB 1	732.29	MH 1	732.07	0.50														13.00	
McCarthy Road	2	CB 2	732.04	MH 1	732.00 S	0.50						42.6								2.10	
McCarthy Road	3	MH 1	731.06	MH 2	730.86 W	0.25									81					57.80	
McCarthy Road	4	CB 3	732.41	MH 2	732.19 N	0.50														13.00	
McCarthy Road	5	CB 4	732.17	MH 2	732.15 S	0.50														2.10	
McCarthy Road	6	MH 2	730.86	MH 3	760.65 W	0.25									81					62.80	
McCarthy Road	7	CB 5	732.53	MH 3	732.31 N	0.50														13.00	
McCarthy Road	8	EX FES	733.93	CB 6	733.87 (S)	0.50														2.90	
McCarthy Road	9	CB 6	732.29 N	MH 3	732.25 S	0.50									9					2.20	
McCarthy Road	10	MH 3	730.65 E	MH 4	730.39 W	0.25									7					87.90	
McCarthy Road	11	CB 7	732.50	MH 4	732.28 N	0.50									106					13.00	
McCarthy Road	12	CB 8	732.25	MH 4	732.22 S	0.50														2.10	
McCarthy Road	13	* MH 4	730.39 E	MH 5	730.25 W	0.25														49.20	
McCarthy Road	14	CB 9	732.42	MH 5	732.20 N	0.50														13.00	
McCarthy Road	15	CB 10	732.18	MH 5	732.14 S	0.50														2.10	
McCarthy Road	16	MH 5	730.25 E	MH 6	730.11 W	0.25														46.30	
McCarthy Road	17	CB 11	730.15 N	MH 6	730.11 S	0.50														10.00	
McCarthy Road	18	EX SS	730.98 N	CB 11	730.93	0.42														-	
McCarthy Road	19	MH 6	730.11 NE	CB 12	730.02 SW	0.18														41.60	
McCarthy Road	20	* CB 12	730.02 NE	FES 5	730.00	0.18														5.20	
McCarthy Road	21	CB 13	731.48	MH 7	731.32 N	0.50														9.90	
McCarthy Road	22	CB 14	731.24	MH 7	731.14 S	0.50														6.40	
McCarthy Road	23	MH 7	730.64 E	MH 8	728.93 W	1.29														98.00	
McCarthy Road	24	CB 15	730.71	MH 8	730.55 N	0.50														9.80	
McCarthy Road	25	* MH 8	728.93 E	MH 9	725.60 W	1.23														224.10	
McCarthy Road	26	CB 16	727.50	MH 9	727.34 N	0.50														9.80	
McCarthy Road	27	CB 17	727.50	MH 9	727.40 S	0.50														2.10	
McCarthy Road	28	MH 9	725.60 E	MH 10	722.63 W	1.25														200.00	
McCarthy Road	29	CB 18	724.52	MH 10	724.36 N	0.50														9.80	
McCarthy Road	31	EX SS	723.00 +/-	CB 19	722.87 S	0.86														11.20	
McCarthy Road	32	CB 19	722.67 N	MH 10	722.63 S	0.50														5.30	
McCarthy Road	33	MH 10	722.63 E	MH 11	720.88 W	0.75														175.70	
McCarthy Road	34	CB 21	721.65	MH 11	721.48 N	0.50														9.80	
McCarthy Road	35	CB 23	720.97	CB 22	720.94 S	0.80														1.40	
McCarthy Road	36	CB 22	720.94 N	MH 11	720.88 S	0.50														2.70	
McCarthy Road	37	* MH 11	720.88 E	MH 12	720.10 W	0.75														54.80	
McCarthy Road	38	* EX CB	720.24 E	CB 24	720.20 W	0.40														3.70	
McCarthy Road	39	* CB 24	720.20 NE	MH 12	720.10 SW	0.26														13.10	
McCarthy Road	40	* CB 25	720.92	MH 13	720.80 W	0.50														7.70	
McCarthy Road	41	MH 12	720.80 N	MH 13	720.04 S	0.23														14.30	
McCarthy Road	42	* MH 13	720.04 N	FES 8	720.00	0.21														8.60	
McCarthy Road	43	CB 26	721.19	EX MH	721.12 W	0.50														3.10	
McCarthy Road	44	CB 27	718.82	MH 14	718.67 N	0.50														7.70	
McCarthy Road	45	CB 28	718.71	MH 14	718.67 S	0.50														1.90	
McCarthy Road	46	MH 14	718.66 E	MH 15	718.35 W	0.45														19.90	
McCarthy Road	47	CB 29	718.51	MH 15	718.36 N	0.50														7.60	
McCarthy Road	48	CB 30	718.40	MH 15	718.36 S	0.50														1.90	
McCarthy Road	49	MH 15	718.35 E	MH 16	717.87 W	0.45														32.80	
McCarthy Road	50	CB 31	718.03	MH 16	717.88 N	0.50														8.40	
McCarthy Road	51	CB 32	717.92	MH 16	717.88 S	0.50														2.10	
McCarthy Road	52	MH 16	717.87 E	MH 17	717.46 W	0.45														28.80	
McCarthy Road	53	CB 33	717.83	MH 17	717.68 N	0.50														8.80	
McCarthy Road	54	CB 34	717.87	MH 17	717.85 S	0.50														2.10	
McCarthy Road	55	MH 17	717.46 SE	FES 6	717.31	0.33														27.00	
McCarthy Road	56	FES 7	718.14	EX CB	718.67 E	0.51														6.50	
McCarthy Road	57	FES 1	733.35	FES 2	733.23	0.25														4.60	
McCarthy Road	58	FES 3	732.30	FES 4	732.15	0.50														5.00	
McCarthy Road			MISCELLANEOUS PIPE CULVERT & STORM SEWER REMOVAL																		805.00
Derby Road	1	CB 1	732.55	MH 1	732.42 SW	0.50														5.70	
Derby Road	2	CB 2	732.55	MH 1	732.50 NE	0.50														2.00	
Derby Road	3	MH 1	732.23 NW	MH 2	731.38 SE	0.75														32.50	
Derby Road	4	EX MH	733.40 NE	MH 2	733.23 SW	0.80														7.20	
Derby Road	5	* MH 2	731.38 NW	MH 3	760.93 SE	0.75														40.50	
Derby Road	6	CB 3	731.92	MH 3	731.79 SW	0.50														8.20	
Derby Road	7	CB 4	731.92	MH 3	731.87 NE	0.50														2.80	
Derby Road	8	MH 3	730.93 NW	MH 4	730.00 SE	0.75														89.30	
Derby Road	9	EX SS	733.50	CB 5	733.19 SW	2.08														1.80	
Derby Road	10	CB 5	731.51 NE	MH 4	731.23 SW	0.50														8.20	
Derby Road	11	CB 6	731.36	MH 4	731.31 NE	0.50														2.80	
Derby Road	12	* MH 4	730.00 NW	MH 5	729.19 SE	0.75														82.40	
Derby Road	13	CB 7	730.25	MH 5	730.15 E	0.50														6.70	
Derby Road	14	CB 8	730.22	MH 5	729.98 W	0.50														16.70	
Derby Road	15	MH 5	729.18 N	H 8(McCARTH)	728.93 S	0.75														25.70	
Derby Road			MISCELLANEOUS PIPE CULVERT & STORM SEWER REMOVAL																		164.80
<b>TOTALS</b>							4	910.4	212	58	246	157	705	543	104	287	39	1	2	2,788.00	

\* STORM SEWER (WATER MAIN QUALITY)

NOTE:  
ALL RCCP STORM SEWERS SHALL HAVE O-RING JOINT CONFORMING WITH ASTM C-443. SEE GENERAL CONSTRUCTION NOTES ON SHEET 3.

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000628

FILE NAME = FAU 1587 (McCARHY ROAD)  
FAP 577 (ARCHER AVENUE)  
FAU 1024 (DERBY ROAD)  
CHANNELIZATION AND TRAFFIC SIGNAL INSTALLATION

USER NAME =  
PLOT SCALE =  
PLOT DATE =

DESIGNED -- JLC  
DRAWN -- JFP-JEP  
CHECKED -- THK  
DATE -- 11/10

REVISED -- THK 3-17-11  
REVISED -- THK 9-21-11  
REVISED --  
REVISED --

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	02-00055-00-WR	COOK	84	26
CONTRACT NO. 63557				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT HPP-M-8003(504)		