

STRUCTURE ADJUSTMENTS

LOCATION	STATION	OFFSET (FT)	LT/RT	EXITING STRUCTURE	EXISTING RIM ELEVATION	CATCH BASINS TO BE ADJUSTED 60250200 EACH	MANHOLES TO BE ADJUSTED 60255500 EACH	VALVE VAULTS TO BE ADJUSTED 60265700 EACH	HANDHOLE TO BE ADJUSTED 81400115 EACH
McCarthy Road	301+24	36	LT	San MH	732.95		1		
McCarthy Road	301+85	28	LT	VV	732.14			1	
McCarthy Road	302+61	45	RT	CB	736.81	1			
McCarthy Road	303+65	29.5	LT	San MH	734.75		1		
McCarthy Road	304+76	29.5	LT	San MH	735.39		1		
McCarthy Road	304+90	46	RT	CB	736.48	1			
McCarthy Road	305+02	32	RT	San MH	735.16		1		
McCarthy Road	306+04	31.5	LT	San MH	733.74		1		
McCarthy Road	309+09	26	LT	VV	733.82			1	
McCarthy Road	313.79	38	RT	CB	725.44	1			
McCarthy Road	313.87	25	LT	VV	723.2			1	
McCarthy Road	315+43	43	RT	ST MH	724.52		1		
McCarthy Road	316+61	72.5	LT	San MH	722.65		1		
McCarthy Road	316+81	31	LT	San MH	723.21		1		
McCarthy Road	317+00	37	RT	VV	722.54			1	
McCarthy Road	317+32	31	RT	San MH	721.41		1		
McCarthy Road	319+73	29	LT	CB	721.69	1			
McCarthy Road	319+79	29	RT	VV	720.12			1	
Derby Road	49+33	63	LT	CB	736.53	1			
Derby Road	49+35	42	RT	ST MH	738.08		1		
Derby Road	49+54	36.3	RT	VV	737.75			1	
Derby Road	51+94	23	RT	San MH	735.09		1		
Derby Road	51+94	21	LT	San MH	736.85		1		
Derby Road	52+22	17	LT	ST MH	736.42		1		
Derby Road	52+31	21	LT	San MH	736.81		1		
Derby Road	52+43	17	LT	CB	736.32	1			
Derby Road	53+90	22	LT	San MH	735.31		1		
TOTALS						6	15	6	0

SEE TRAFFIC SIGNAL REMOVAL SHEETS

NOTE:  
ALL "PRECAST REINFORCED CONCRETE FLARED END SECTIONS"  
SHALL ALSO BE CONSTRUCTED WITH  
"GRATING FOR CONCRETE FLARED END SECTIONS"

INLET FILTER 28000500				
LOCATION	STATION	OFFSET (FT)	LT/RT	28000500 INLET FILTER
McCarthy Road	302+61	45	RT	1
McCarthy Road	304+90	46	RT	1
McCarthy Road	313+15	25.5	RT	1
McCarthy Road	313+79	38	RT	1
McCarthy Road	319+73	29	LT	1
Derby Road	52+43	17	LT	1
TOTALS				6

PROPOSED CATCH BASINS

LOCATION	STRUCTURE NUMBER	STATION	OFFSET (FT)	LT/RT	RIM ELEVATION	INVERT ELEVATION	INVERT ELEVATION	CATCH BASINS, TYPE 1 FRAME 4'-DIAMETER OPEN LID 60200105 EACH	CATCH BASINS, TYPE 1 FRAME 2'-DIAMETER OPEN LID 60206905 EACH
McCarthy Road	1	298+79	19.57	LT	735.79	732.29			1
McCarthy Road	2	298+79	32	RT	735.54	732.04			1
McCarthy Road	3	299+60	19.83	LT	735.91	732.41			1
McCarthy Road	4	299+60	32	RT	735.85	732.17			1
McCarthy Road	5	300+41	20	LT	736.03	732.53			1
McCarthy Road	6	300+41	32	RT	736.16	732.29 N	733.85 S	1	
McCarthy Road	7	301+47	20	LT	736.00	732.50			1
McCarthy Road	8	301+47	32	RT	736.06	732.26			1
McCarthy Road	9	302+05	20	LT	735.92	732.42			1
McCarthy Road	10	302+05	32	RT	735.87	732.18			1
McCarthy Road	11	302+59	32	RT	735.69	730.15 N	730.93 S	1	
McCarthy Road	12	302+79	20	LT	735.83	730.02 SW,NE		1	
McCarthy Road	13	304+41	20	LT	734.98	731.48			1
McCarthy Road	14	304+41	32	RT	734.74	731.24			1
McCarthy Road	15	305+74	20	LT	734.21	730.71			1
McCarthy Road	16	308+44	20	LT	731.00	727.50			1
McCarthy Road	17	308+44	20	RT	731.00	727.50			1
McCarthy Road	18	310+82	20	LT	728.01	724.52			1
McCarthy Road	19	310+82	20	RT	728.01	722.67 N,S,SW		1	
McCarthy Road	21	313+15	20	LT	725.15	721.65			1
McCarthy Road	22	313+15	20	RT	725.15	720.94 S,N			1
McCarthy Road	23	313+15	25.5	RT	725.20	720.97			1
McCarthy Road	24	313+92.5	38	RT	723.50	720.20 W,NE		1	
McCarthy Road	25	313+94	20	LT	724.42	720.92			1
McCarthy Road	26	315+28.7	43.2	RT	723.45	721.19			1
McCarthy Road	27	317+43	20	LT	721.85	718.82			1
McCarthy Road	28	317+43	18	RT	721.89	718.71			1
McCarthy Road	29	318+40	20	LT	721.36	718.51			1
McCarthy Road	30	318+10	18	RT	721.40	718.40			1
McCarthy Road	31	319+18	20	LT	721.26	718.03			1
McCarthy Road	32	319+18	18	RT	721.50	717.92			1
McCarthy Road	33	320+08	20	LT	721.23	717.83			1
McCarthy Road	34	320+08	18	RT	721.27	717.87			1
Derby Road	1	51+13	18.5	LT	736.05	733.55			1
Derby Road	2	51+13	18.5	RT	736.05	733.55			1
Derby Road	3	52+86	18.5	LT	735.42	731.92			1
Derby Road	4	52+86	18.5	RT	735.42	731.92			1
Derby Road	5	54+10	18.5	LT	734.86	731.36 NE	733.19 SW		1
Derby Road	6	54+10	18.5	RT	734.86	731.36			1
Derby Road	7	55+11.1	27.17	LT	733.75	730.25			1
Derby Road	8	55+11.1	18.5	RT	733.82	730.22			1
TOTALS								5	36

DRAINAGE STRUCTURE REMOVAL

LOCATION	STATION	OFFSET (FT)	LT/RT	EXISTING STRUCTURE	REMOVING CATCH BASINS 60500050 EACH	REMOVING MANHOLES 60500040 EACH	REMOVE CONCRETE FLARED END SECTIONS X0322118 EACH	INLET AND PIPE PROTECTION 28000510 EACH
McCarthy Road	298+30	23.5	LT	FES			1	
McCarthy Road	298+54	23.5	LT	FES			1	
McCarthy Road	299+32	23.5	LT	FES			1	
McCarthy Road	299+54	23.5	LT	FES			1	
McCarthy Road	300+45	31.5	RT	CB	1			
McCarthy Road	301+27	31	RT	CB	1			
McCarthy Road	301+42	33	LT	FES			1	
McCarthy Road	301+70	33	LT	FES			1	
McCarthy Road	302+59	30	RT	CB	1			
McCarthy Road	302+60.5	21.5	LT	FES			1	
McCarthy Road	305+70	23.5	RT	CB	1			
McCarthy Road	305+75	32.5	RT	FES			1	
McCarthy Road	307+23	16.5	RT	CB	1			
McCarthy Road	308+43	22.5	RT	CB	1			
McCarthy Road	309+91	25	RT	FES			1	
McCarthy Road	310+82	20	RT	CB	1			1
McCarthy Road	311+07	20.5	RT	CB	1			
McCarthy Road	313+03	22	RT	CB	1			
McCarthy Road	314+18	46	RT	MH		1		
McCarthy Road	314+18	40.5	LT	FES			1	
McCarthy Road	315+25	39	RT	CB	1			
McCarthy Road	320+77	27	LT	FES			1	
Derby Road	51+15	18	LT	FES			1	
Derby Road	52+22	24	RT	CB	1			
Derby Road	52+90	20	RT	FES			1	
Derby Road	53+75	21	RT	FES			1	
Derby Road	54+20	21	RT	FES			1	
Derby Road	55+05	23	RT	FES			1	
TOTALS					11	1	16	1

PROPOSED MANHOLES

LOCATION	STRUCTURE NUMBER	STATION	OFFSET (FT)	LT/RT	RIM ELEVATION	INVERT ELEVATION (Main Line)	MANHOLES TYPE A, 4'-DIA. TYPE 1 FRAME CLOSED LID 60218400 EACH	MANHOLES TYPE A, 5'-DIA. TYPE 1 FRAME CLOSED LID 60221100 EACH	MANHOLES TYPE A, 6'-DIA. TYPE 1 FRAME CLOSED LID 60223800 EACH	INVERT ELEVATION (Lateral)	INVERT ELEVATION (Lateral)	COMMENTS
McCarthy Road	1	298+79	24	RT	735.83	731.06 E	1			732.07 N	732.00S	
McCarthy Road	2	299+60	24	RT	736.10	730.86 E,W		1		732.19 N	732.13 S	
McCarthy Road	3	300+41	24	RT	736.41	730.65 E,W		1		732.31 N	732.25 S	
McCarthy Road	4	301+47	24	RT	736.31	730.39 E,W		1		732.28 N	732.22 S	
McCarthy Road	5	302+05	24	RT	736.12	730.25 E,W		1		732.20 N	732.14 S	
McCarthy Road	6	302+59	24	RT	735.94	730.11 N,W,E		1		730.11 S		
McCarthy Road	7	304+41	12	RT	735.27	730.64 E	1			731.32 N	731.14 S	
McCarthy Road	8	305+74	12	RT	734.50	728.93 E,W,S		1		730.55 N		
McCarthy Road	9	308+44	12	RT	731.29	725.80 E,W		1		727.34 N	727.40 S	
McCarthy Road	10	310+82	12	RT	728.30	722.83 E,W		1		724.36 N	722.83 S	
McCarthy Road	11	313+15	12	RT	725.44	720.88 E,W		1		721.48 N	720.88 S	
McCarthy Road	12	314+10	12	RT	724.48	720.10 W,N			1	720.10 SW		Flat Top
McCarthy Road	13	314+19	13	LT	724.44	720.04 N,S		1		720.80 W		
McCarthy Road	14	317+43	10	RT	722.18	718.66 E		1		718.67 N	718.67 S	Flat Top
McCarthy Road	15	318+10	10	RT	721.69	718.35 E,W		1		718.36 N	718.36 S	Flat Top
McCarthy Road	16	319+18	10	RT	721.59	717.87 E,W		1		717.88 N	717.88 S	
McCarthy Road	17	320+08	10	RT	721.56	717.46 SE,W		1		717.68 N	717.83 S	
Derby Road	1	51+13	8.4	RT	736.38	733.23 N,W	1			733.50 NE	733.42 SW	Flat Top
Derby Road	2	52+26	8.4	RT	736.02	732.38 SW,731.38 NW		1		733.23 SW		Flat Top
Derby Road	3	52+80	8.4	RT	735.75	730.93 SE,NW		1		731.87 NE	731.79 SW	
Derby Road	4	54+10	8.4	RT	735.19	730.00 SE,NW		1		731.31 NE	731.23 SW	
Derby Road	5	53+18	8.4	RT	734.50	729.19 N,SE		1		729.98 W	730.15 E	
TOTALS							7	14	1			

PROPOSED FLARED END SECTIONS

LOCATION	STRUCTURE NUMBER	STATION	OFFSET (FT)	LT/RT	INVERT ELEVATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15" 54213663 EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 18" 54213663 EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24" 54213669 EACH	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS, 30" 54215430 EACH
McCarthy Road	1	299+30	33	LT	733.35	1			
McCarthy Road	2	299+60	33	LT	735.23	1			
McCarthy Road	3	301+40	37	LT	732.30	1			
McCarthy Road	4	301+70	37	LT	732.15	1			
McCarthy Road	5	302+83.66	37	LT	730.00			1	
McCarthy Road	6	320+46	31	RT	717.31	1			
McCarthy Road	7	320+75.37	33	LT	718.14		1		
McCarthy Road	8	314+19	26	LT	720.00				1
TOTALS						5	1	1	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

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

Frank Novotny & Associates, Inc.  
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