DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION IN	INVERT ELEVATION OUT	CATCH BASINS									MANHOLES					INLETS						FLARED END SECTIONS			COMMENTS
						CB TA 4 DIA T1F OL	CB TA 4 DIA T1F CL	CB TA 4 DIA T3F&G	CB TC T3F&G	CB TA 4 DIA T8G	CB TA 5 DIA T8G	CB TA 4 DIA T24F&G	CB TA 5 DIA T24F&G	CB TC T24F&G	MAN TA 4 DIA T1F OL	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	MAN TA 7 DIA T1F CL	INLETS TA T1F OL	INLETS TA T3F&G	INLETS TA T8G	INLETS TA T24F&G	INLETS TB T8G	INLETS TB T24F&G	PRC FLAR END SEC 12	PRC FLAR END SEC 15	PRC FLAR END SEC 18	
						EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
ST. CLAIR AVENUE																													
S 1-05	36+89.38	39.65' RT	414.98	N/A	409.48			1																					WITH HALF TRAP
S 1-12	35+40.00	27.82' LT	413.02	N/A	407.94							1																	WITH HALF TRAP
S 1-18	35+40.00	23.50' LT	413.14	407.88	400.15												1												
S 1-19	35+90.79	38.41' RT	415.16	N/A	409.73			1																					WITH HALF TRAP
S 1-20	36+00.00	21.00' RT	414.60	409.52	408.40												1												
S 6-01	28+75.00	24.00' RT	413.35	N/A	409.14							1																	FLAT SLAB TOP WITH HALF TRAP
S 6-02	29+40.00	24.00' RT	413.25	N/A	409.03							1																	FLAT SLAB TOP WITH HALF TRAP
S 6-04	30+50.00	24.00' RT	412.75	N/A	409.34																		1						
S 6-05	30+60.00	22.00' RT	412.74	408.84	408.74												1												FLAT SLAB TOP
S 6-06	31+45.00	25.76' LT	412.21	N/A	407.13							1																	WITH HALF TRAP
S 6-07	33+05.00	25.10' LT	411.99	N/A	406.91									1															WITH HALF TRAP
S 6-08	32+96.86	23.07' LT	412.05	406.82	399.79																								RECONSTRUCT
S 6-09	33+40.00	24.00' RT	412.45	N/A	407.19																		1						
S 6-10	33+33.05	67.59' RT	N/A	N/A	405.50																					1			
S 6-14	30+60.00	29.00' RT	413.23	409.23	408.91		1																						FLAT SLAB TOP WITH HALF TRAP
S 6-16	31+45.07	13.20' LT	412.67	406.69	399.57																								RECONSTRUCT
S 7-01	38+30.00	24.00' RT	414.01	N/A	409.80																		1						
S 7-02	38+40.00	21.50' RT	414.05	408.97	408.28												1												FLAT SLAB TOP
S 7-03	39+50.00	24.00' RT	413.98	N/A	409.71																		1						
S 7-04	39+59.04	21.80' RT	413.99	409.53	408.23												1												
S 7-08	38+39.97	29.50' RT	414.44	409.36	409.05		1																						WITH HALF TRAP
S 7-09	39+59.06	28.80' RT	414.39	409.31	408.98		1																						WITH HALF TRAP

STORM SEWER SCHEDULE

PIPE NO	UPSTREAM STRUCTURE NO	UPSTREAM INVERT ELEVATION	DOWN STREAM STRUCTURE NO	DOWN STREAM INVERT ELEVATION	PIPE SLOPE (%)	CLASS C PATCH TYPE I, 10"	CLASS C PATCH TYPE III, 10"	TRENCH BACKFILL	CONCRETE COLLAR	STORM SEWERS, CLASS A												STORM SEWERS JACKED IN PLACE, 24"	STORM SEWERS JACKED IN PLACE, 30"	HIGH DENSITY POLYETHYLENE PIPE, 12"	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"
										TYPE 1					TYPE 2											
										12" DIA	15" DIA	18" DIA	24" DIA	27" DIA	12" DIA	15" DIA	18" DIA	24" DIA	30" DIA	36" DIA					
						SQ YD	SQ YD	CU YD	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
ST. CLAIR AVENUE																										
P 1-05	S 1-05	409.48	EXISTING	409.19	1.00			6.8							29											
P 1-12	S 1-12	407.94	S 1-18	407.88	1.00			1.3							6											
P 1-18A	EX PIPE	MATCH EX	S 1-18	400.15	MATCH EX			6.0	0.7											5						
P 1-18B	S 1-18	400.15	EX PIPE	MATCH EX	MATCH EX			6.0	0.7											5						
P 1-19	S 1-19	409.73	S 1-20	409.52	1.00			4.6							21											
P 1-20A	EX PIPE	MATCH EX	S 1-20	408.40	MATCH EX			1.5	0.4									5								
P 1-20B	S 1-20	408.40	EX PIPE	MATCH EX	MATCH EX			1.5	0.4									5								
P 6-01	S 6-01	409.14	EXISTING	408.90	1.00		15.1	3.4							24											
P 6-02	S 6-02	409.03	EXISTING	408.78	2.50	3.1		1.4							10											
P 6-04	S 6-04	409.34	S 6-14	409.23	1.00			0.9		12																
P 6-05A	EX PIPE	MATCH EX	S 6-05	408.74	MATCH EX			0.1	0.4				5													
P 6-05B	S 6-05	408.74	EX PIPE	MATCH EX	MATCH EX			0.1	0.4				5													
P 6-06	S 6-06	407.13	S 6-16	406.69	4.00		15.2	2.6							11											
P 6-07	S 6-07	406.91	S 6-08	406.82	1.00	3.7		1.9							9											
P 6-08A	EX PIPE	MATCH EX	S 6-08	399.79	MATCH EX			5.5	0.7											5						
P 6-08B	S 6-08	399.79	EX PIPE	MATCH EX	MATCH EX			5.5	0.7											5						
P 6-09	S 6-09	407.19	S 6-10	405.50	4.00			2.7		42																
P 6-14	S 6-14	408.91	S 6-05	408.84	1.00	2.5		0.8							7											
P 7-01	S 7-01	409.80	S 7-08	409.36	4.00			1.8							11											
P 7-02A	EX PIPE	MATCH EX	S 7-02	408.28	MATCH EX			0.9	0.5										5							
P 7-02B	S 7-02	408.28	EX PIPE	MATCH EX	MATCH EX			0.9	0.5										5							
P 7-03	S 7-03	409.71	S 7-04	409.31	4.00			1.7							10											
P 7-04A	EX PIPE	MATCH EX	S 7-04	408.23	MATCH EX			0.9	0.5										5							
P 7-04B	S 7-04	408.23	EX PIPE	MATCH EX	MATCH EX			0.9	0.5										5							
P 7-04C	EX PIPE	MATCH EX	S 7-04	408.23	MATCH EX			1.3	0.3								5									
P 7-08	S 7-01	409.80	S 7-08	409.36	4.00			1.8							11											
P 7-09	S 7-03	409.71	S 7-09	409.31	4.00			1.7							10											

NOTES:
1. TIE-INS TO EXISTING STRUCTURES AND PIPES ARE INCLUDED IN THE COST OF STORM SEWER CONSTRUCTION.

2. PIPE SLOPES SHOWN ARE CALCULATED USING STRUCTURE INVERTS AND LENGTH OF PIPE. PIPE SLOPES MAY BE HIGHER FOR STRUCTURES USING HALF TRAPS.