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
RAMP A																									
P 1-13A	WELL NO. 19	393.88	S 1-13	390.97	5.03																		58		
P 1-13	S 1-13	388.59	S 1-14	388.50	0.17			10.6										60							
P 1-14	S 1-14	388.50	S 1-16	388.22	0.17			70.5										173							
P 1-15	S 1-15	388.68	S 1-14	388.50	0.55			17.8								33									
P 1-16	S 1-16	388.22	S 1-21	388.17	0.17			5.2										27							
P 1-16A	WELL NO. 18	388.52	S 1-16	388.32	0.44			0.0															45		
P 1-21	S 1-21	388.17	S 1-17	388.04	0.17			0.0													79				
P 1-22	S 1-22	389.08	S 1-14	388.89	1.00			7.8							19										
P 7-05	S 7-05	389.96	EXISTING	388.48	3.00			4.4			49														
P 7-06	S 7-06	388.64	EXISTING	388.54	0.33			1.1								27									
RAMP B																									
P 6-11	S 6-15	408.07	S 6-12	404.90	5.88			2.5								54									
P 6-12	S 6-12	404.90	S 6-13	404.52	0.26			24.3									150								
P 6-15	S 6-11	408.48	S 6-15	408.07	0.88			2.2			46														
RAMP E																									
P 1-17	S 2-18	388.13	S 1-17	388.04	0.13																	69			
P 2-15	S 2-15	388.76	S 2-17	388.67	0.26			6.4										34							
P 2-15A	WELL NO. 10	394.45	S 2-15	392.08	4.30			0.0															55		
P 2-16	S 2-16	388.35	S 2-24	388.28	0.50			4.3							14										
P 2-16A	WELL NO. 9	391.31	S 2-16	389.35	4.78			0.0															41		
P 2-17	S 2-17	388.67	S 2-22	388.32	0.27			50.0										128							
P 2-21	S 2-21	388.86	S 2-18	388.23	1.50			1.5		42															
P 2-22	S 2-22	388.32	S 2-18	388.23	0.24			8.6										38							
P 2-23	S 2-23	388.30	S 2-24	388.28	0.15			0.7						15											
P 2-24	S 2-24	388.28	S 2-25	388.25	0.15			0.7						15											
P 2-25	S 2-25	388.25	S 2-18	388.13	0.15			10.2						87											
P 3-06	S 3-06	400.55	S 3-14	400.19	0.49			0.5				74													
P 3-07	S 3-07	404.50	S 3-13	402.82	2.00			4.2								84									
P 3-08	S 3-08	409.64	S 3-07	406.50	2.01			14.1							156										
P 3-09	S 3-09	409.69	S 3-08	409.64	0.50			1.5							10										
P 3-10	S 3-10	409.85	S 3-09	409.69	0.50			2.5		32															
P 3-11	S 3-11	406.53	S 3-07	406.50	0.50			0.0		6															
P 3-12	S 3-12	401.73	S 3-13	401.55	0.50			7.3							36										
P 3-13	S 3-13	400.85	S 3-06	400.55	0.49			12.1									61								
P 3-15	S 3-15	397.33	S 3-16	397.11	0.50			0.0		44															
P 4-01	S 4-01	388.66	S 4-03	388.55	0.32			1.0			34														
P 4-03	S 4-03	388.55	S 4-04	388.49	0.32			1.6								20									
P 4-04	S 4-04	388.49	S 2-23	388.30	0.15			11.7						126											
P 4-04A	WELL NO. 8	396.17	S 4-05	395.47	4.37			0.0															16		
P 4-05	S 4-05	389.47	S 4-04	388.82	1.00			2.9							65										
					ALLOWANCE (NOTE 3)	91	12																		
					TOTAL	100	80	535	10	178	129	74	10	243	947	318	216	510	20	20	79	69	215	82	75

DITCH CHECK SCHEDULE

UPSTREAM DITCH CHECK LIMIT	DOWNSTREAM DITCH CHECK LIMIT	DOWN STREAM STRUCTURE NO	AGGREGATE DITCH CHECKS	PIPE DRAIN 5"	PIPE DRAIN 6"	PIPE DRAIN 8"
			TON	FOOT	FOOT	FOOT
WB I-64						
98+78.73	98+36.75	S 4-01	43		42	
101+17.03	100+75.04	S 4-02	43		42	
RAMP A						
7+41.31	7+85.45	S 7-07	43		44	
9+53.97	9+97.43	S 7-06	43		43	
11+84.72	12+27.88	S 7-05	43		43	
RAMP B						
11+47.06 R	10+98.64 R	S 6-11	43			42
11+32.47 L	10+97.38 L	S 6-12	43	42		
		TOTAL	301	42	214	42

PIPE DRAIN FLOWLINE ELEVATIONS AND PIPE SLOPES TO MATCH FINISHED GRADE OF ASSOCIATED DITCH

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.
3. PAYMENT FOR INCIDENTAL PAVEMENT PATCHING RELATED TO DRAINAGE ITEMS SHALL BE COVERED UNDER PAVEMENT PATCHING ALLOWANCE OF THE CLASS AND TYPE SPECIFED.