

HIGHGROVE PLACE (SOUTH) 6-18-96

SUBMITTED: 6-18-96 FILENAME: 9256708 - 1

UPR STR	LOW STR	INNER LAYER FL LAY	UPPER LAYER FL LAY	ST EL	HT GR	LOWER LAYER HT GR	HT EL	GRADE	VEL HEAD	VEL HEAD	VEL JUNC	VEL LOSS	VEL GRADE	TURB. AREA	TRN. LOSS	TRN. GRADE	FE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	
0552 FES1	69 54	470.50	478.00	0.85	476.15	476.15	0.85	476.15	474.50	.00440	0.24	8.20	1.84	1.39	0.90	0.80	0.00	0.00	0.00	178.32	178.32	1	P.F.V = 5.27f/s											
0556 FES1	41 18	495.40	494.00	2.44	497.50	54.40	4.99	54.40	4.98	500.32	491.82	0.0220	0.11	4.72	0.25	0.06	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s										
0551 FEN1	95 21	475.40	458.00	20.00	478.80	1.29	477.52	477.75	.10700	10.18	21.55	7.21	5.81	0.60	0.60	0.09	0.10	0.00	0.00	51.27	76.56	1	P.F.V = 3.46f/s											
0550 FEN9	104 15	482.60	468.00	15.45	488.10	5.45	482.76	482.76	.04840	6.94	12.65	2.67	3.85	0.60	0.60	0.00	0.00	0.00	0.00	16.69	25.70	4	P.F.V = 3.16f/s											

C/inside Top Pipe (Typical)

Highgrove Place (North) 7-25-96

Submitted:																		Submitted:																						
UPR STR	LOW STR	INNER LAYER FL LAY	UPPER LAYER FL LAY	ST EL	HT FL	HT BR	DEPTH	UPPER	LAYER	WATER	WATER	HEAD	VEL	VEL REAO	JUNCT.	TURB.	DR.	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE							
AIN96 C1051	14 12	484.59	480.95	1.60	485.00	4.06	481.94	481.92	.0050	0.02	0.67	0.11	0.01	0.00	0.00	0.00	126.42	178.32	2	P.F.V = 5.27f/s																				
C1052 C1053	109 15	490.75	478.64	1.00	485.00	4.06	481.03	481.03	.0050	0.02	0.66	0.11	0.01	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.3f/s																				
C1053 C1054	125 24	478.46	475.12	1.00	482.29	7.17	480.51	479.69	.00350	0.47	3.71	0.21	-0.06	0.11	0.00	0.00	126.42	178.32	1	P.F.V = 5.3f/s																				
C1054 FEN1	121 28	475.92	477.71	1.00	480.50	4.99	484.20	484.20	.00440	0.24	8.20	1.84	1.39	0.60	0.60	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																	
A1021 A1019	177 12	500.00	491.52	1.10	495.00	4.98	504.40	504.40	.00440	0.08	491.82	491.82	0.41	2.19	-0.07	0.09	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																		
A1022 A1019	155 15	498.56	488.21	1.00	495.00	2.18	491.82	490.16	.00510	0.14	3.75	0.05	0.58	0.16	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
C1056 C1057	115 18	488.11	486.94	1.00	494.34	4.83	485.51	484.54	.00470	0.52	4.48	0.65	0.19	0.04	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
C1057 C1058	118 15	486.76	486.97	1.00	494.34	4.83	485.51	484.54	.00470	0.52	4.48	0.65	0.19	0.04	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
A1023 A1022	121 24	482.32	482.78	1.00	490.50	4.98	482.78	482.78	.00440	0.24	8.20	1.84	1.39	0.60	0.60	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																	
A1024 A1022	123 24	482.78	481.58	1.00	491.97	7.43	484.54	483.43	.00470	0.70	5.49	0.47	-0.09	0.25	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
A1025 A1024	128 24	481.58	481.59	1.00	491.97	7.43	484.54	483.43	.00470	0.70	5.49	0.47	-0.09	0.25	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
A1026 A1025	133 24	479.73	478.40	1.00	491.53	5.75	483.80	482.69	.00440	0.62	4.72	0.35	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
A1027 A1026	136 18	478.40	477.87	0.50	487.40	6.87	486.53	486.53	.00440	0.11	4.72	0.35	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
M049 M048	37 14	477.82	471.60	0.51	481.70	6.79	480.21	480.21	.00410	0.04	2.23	0.16	-0.13	0.43	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
C1059 C1058	34 15	500.00	498.66	1.00	505.10	4.83	509.28	509.67	.00010	0.00	0.56	0.10	0.00	0.00	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s																				
C1058 C1057	132 12	491.54	476.26	1.00	496.26	4.83	491.76	491.76	.00150	0.50	0.16	0.25	0.25	0.25	0.00	0.00	126.42	178.32	1	P.F.V = 5.27f/s					</td															