RD212306

COMPUTED BY: TCE TO, RPS DATE: 5/1/2004

CHECKED BY: SEC, REO DATE: 6/1/2004

METRIC

PROJECT NO.	SHEET NO.
R-2206C	3-C

DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200mm & UNDER)

STATION	LOCATION (LT, RT, IM, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) SIZE 375	450	450	600	600	750	750	900	900	1050	1050	1200	1200
THICKNESS OR GAUGE										CLASS IV		CLASS IV		CLASS IV		CLASS IV		CLASS IV		CLASS IV
SHEET 11																				
L 201+43	CL	39		244.119																
L 201+43	CL	39	40		243.345	243.249		19.2												
L 201+43	RT	40		244.573																
L 201+43	RT	40	OUT		243.199	238.700														
L 201+47	CL	41	OUT		242.900	237.850									67.2					
L 202+25	LT	42		244.651																
L 202+25	LT	42	43		243.841	242.888		25.2												
L 202+25	CL	43		244.790																
L 202+25	CL	43	OUT		242.313	241.190									13.2					
L 202+10	RT	44		245.231																
L 202+25	RT	44	OUT		241.140	239.700														
L 203+71	LT	45	46		252.200	246.013														
L 203+71	LT	46		246.853																
L 203+71	LT	46	47		245.963	245.723			25.2											
L 203+71	CL	47		247.985																
L 203+71	CL	47	43		245.373	242.363									146.4					
L 203+80	RT	48		246.725																
L 203+80	RT	48	47		245.915	245.723		26.4												
L 204+39	LT	49	50		248.900	246.345														
L 204+39	LT	50		247.895																
L 204+39	LT	50	51		246.295	246.169							25.2							
L 204+39	CL	51		248.033																
L 204+39	CL	51	47		246.119	245.423							69.6							
SHEET 12																				
L 204+75	RT	52		248.159																
L 204+75	RT	52	51		247.269	246.469			43.2											
L 204+75	RT	53																		
L 204+75	RT	53	52		253.400	247.319														
L 206+70	LT	54		251.102																
L 206+70	LT	54	55		250.292	250.140		25.2												
L 206+70	CL	55		251.528																
L 206+70	CL	55	56		250.080	248.670		34.8												
L 206+70	RT	56		249.430																
L 206+70	RT	56	OUT		248.620	248.512		7.2												
SHEET 13																				
L 207+93	CL	57	OUT		247.085	245.406								68.4						
L 208+25	LT	58		253.427																
L 208+25	LT	58	59		252.617	252.491		25.2												
L 208+25	CL	59		253.838																
L 208+25	CL	59	60		252.441	252.315		25.2												
SHEET TOTALS								188.4	68.4	0.0	0.0	0.0	94.8	68.4	226.8	0.0	0.0	0.0	0.0	0.0

STATION	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE 400	450	600	600	800	800	1000	1000	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.M. FOR PAY QUANTITY SHALL BE COL. "A" x (1.3 X COL. "B") METERS A	B
THICKNESS OR GAUGE	1.63	1.63	1.63		2.01		2.01							PER EACH (0 THRU 1.50)	1.5 THRU 3.00
SHEET 11															
L 201+43														1	
L 201+43															
L 201+43														1	
L 201+43	14.4														
L 201+47												2.6			
L 202+25														1	
L 202+25															
L 202+25														1	0.977
L 202+25															
L 202+10														1	
L 202+25	14.4														
L 203+71		15.6													
L 203+71														1	
L 203+71															
L 203+71														1	1.412
L 203+71															
L 203+80														1	
L 203+80															
L 204+39			7.2												
L 204+39														1	0.1
L 204+39															
L 204+39														1	0.414
L 204+39															
SHEET 12															
L 204+75														1	
L 204+75															
L 204+75															
L 204+75		15.6													
L 206+70														1	
L 206+70															
L 206+70														1	
L 206+70															
L 206+70														1	
L 206+70															
SHEET 13															
L 207+93															
L 208+25														1	
L 208+25															
L 208+25														1	
L 208+25															
SHEET TOTALS	28.8	31.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	16	2.903

STATION	3.00 AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54	B.D.O. STD. 850.10	B.D.O. STD. 850.11	SPRING BOX STD. 840.41	150 mm PVC (m)	450 mm TEE-RISER STD. 1630.01	600 mm TEE-RISER STD. 1630.01	T.B.D.I. STD. 840.35	JB STD. 840.34	REINFORCED TAPERED INLET - SEE SHEET 2-V	TEMP. STEEL COVER	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" M^3 STD. 840.72	CONC. ENDWALL FOR TAPERED INLET SEE SHEET 2-W, CLASS "B", M^3	PIPE REMOVAL (METERS)	REMARKS
THICKNESS OR GAUGE																																
SHEET 11																																
L 201+43									1			1																				
L 201+43																																
L 201+43																						1			1							2 G.I. w/ FUTURE FLAT GRATES
L 201+43																										2 @ 400						
L 201+47																																E.W. LT.
L 202+25									1			1																				
L 202+25																																
L 202+25									1			1																				
L 202+25																																
L 202+10																						1			1							2 G.I. w/ FUTURE FLAT GRATES
L 202+25																										2 @ 400						
L 203+71																	1									2 @ 450						
L 203+71								1			1																					
L 203+71																																
L 203+71							1				1																					
L 203+71																																
L 203+80									1			1																				
L 203+80																																
L 204+39																		1								2 @ 600						
L 204+39									1			1																				
L 204+39																																
L 204+39								1				1																				
L 204+39																																
SHEET 12																																
L 204+75									1			1																				
L 204+75																																
L 204+75																	1															
L 204+75																										2 @ 450						
L 206+70									1			1																				
L 206+70																																
L 206+70									1				1																			
L 206+70																																
L 206+70									1			1																				
L 206+70																																
SHEET 13																																
L 207+93																																
L 208+25									1			1																				
L 208+25																																
L 208+25									1				1																			
L 208+25																																
																										4@400, 4@450,						
SHEET TOTALS	0.000	0	0	0	0	0	0	2	12	0	0	12	2	0	0	0	2	1	0	0	0	0	2	0	0	2 @600	0.0	0.0	0.0			

ABBREVIATIONS

C.B.	CATCH BASIN
D.I.	DROP INLET
M.D.I.	MEDIAN DROP INLET
M.D.I.(N.S.)	MEDIAN DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
B.D.O.	BERM DRAINAGE OUTLET