RD212306

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

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METRIC

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

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 22																				
L 241+97	CL	142		295.211																
L 241+97	CL	142	143		294.401	294.171		30.0												
RPD 11+43	LT	143		295.299																
RPD 11+43	LT	143	OUT		294.120	286.900														
L 242+00	CL	144	OUT		291.390	286.900						94.8								
RPD 11+20	LT	145																		
SHEET 23																				
L 244+40	CL	146		297.998																
L 244+40	CL	146	147		297.188	297.086		19.2												
L 244+40	RT	147		298.312																
L 244+40	RT	147	OUT		297.036	289.100														
L 244+58	RT	IN	148		290.300	285.200								84.0						
SR1 10+10	RT	150		293.200																
SR1 10+10	RT	150	OUT		292.390	292.200		14.4												
SR1 10+20	LT	151	OUT		294.019	292.200		24.0												
SR1 10+60	LT	152																		
L 246+30	CL	153		299.849																
L 246+30	CL	153	154		299.039	298.937		20.4												
L 246+30	RT	154		300.143																
L 246+30	RT	154	OUT		298.887	294.000														
SHEET 25																				
L 250+60	LT	155		279.364																
L 250+60	LT	155	156		296.554	296.118		25.2												
L 250+60	CL	156		297.798																
L 250+60	CL	156	159		296.068	295.261			99.6											
L 250+60	RT	157		297.364																
L 250+60	RT	157	156		296.554	296.118		25.2												
L 251+60	LT	158		296.197																
L 251+60	LT	158	159		295.387	295.261		25.2												
L 251+60	CL	159		296.631																
L 251+60	CL	159	160		295.211	294.034					39.6									
L 252+00	LT	160A	160		293.589	293.409											36.0			
L 252+00	LT	160A																		
L 252+00	CL	160		296.164																
L 252+00	CL	160	162		293.359	292.050											60.0			
L 252+00	RT	161		295.730																
L 252+00	RT	161	160		294.920	294.034		25.2												
SHEET TOTALS								208.8	99.6	0.0	39.6	94.8	0.0	84.0	0.0	0.0	96.0	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.
THICKNESS OR GAUGE	1.63	1.63	1.63		2.01		2.01						
SHEET 22													
L 241+97													
L 241+97													
RPD 11+43													
RPD 11+43		12.0											
L 242+00													
RPD 11+20			15.6										
SHEET 23													
L 244+40													
L 244+40													
L 244+40													
L 244+40	20.4												
L 244+58													
SR1 10+10													
SR1 10+10													
SR1 10+20													
SR1 10+60									7.2				
L 246+30													
L 246+30													
L 246+30													
L 246+30	18.0												
SHEET 25													
L 250+60													
L 250+60													
L 250+60													
L 250+60													
L 250+60													
L 250+60													
L 251+60													
L 251+60													
L 251+60													
L 251+60													
L 252+00													
L 252+00												4.6	
L 252+00													
L 252+00													
L 252+00													
L 252+00													
SHEET TOTALS	38.4	12.0	15.6	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	4.6	0.0

STATION	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.M. FOR PAY QUANTITY SHALL BE COL. "A" + (1.3 X COL. "B") METERS A: PER EACH (0 THRU 1.50)	B: 1.5 THRU 3.00	B: 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" M³ STD. 840.72	CLASS "B" ; M³: CONC. ENDWALL FOR TAPERED INLET SEE SHEET 2-W.	PIPE REMOVAL (METERS)	REMARKS
SHEET 22																																
L 241+97	1									1			1																			
L 241+97																																
RPD 11+43	1																						1			1						2 G.I. w/ FUTURE FLAT GRATES
RPD 11+43																											2 @ 450					
L 242+00																																
RPD 11+20																						1										
SHEET 23																																
L 244+40	1									1			1																			
L 244+40																																
L 244+40	1																						1			1						2 G.I. w/ FUTURE FLAT GRATES
L 244+40																											2 @ 400					
L 244+58																																METHOD 'B' INSTALLATION
SR1 10+10	1									1			1																			
SR1 10+10																																
SR1 10+20																																
SR1 10+60																																
L 246+30	1									1			1																			
L 246+30																																
L 246+30	1																						1			1						2 G.I. w/ FUTURE FLAT GRATES
L 246+30																											2 @ 400					
																														12		
SHEET 25																																
L 250+60	1									1			1																			
L 250+60																																
L 250+60	1									1			1																			
L 250+60																																
L 250+60	1									1			1																			
L 250+60																																
L 251+60	1									1			1																			
L 251+60																																
L 251+60	1									1			1																			
L 251+60																																
L 252+00																																
L 252+00																																
L 252+00	1	1.305							1				1																			
L 252+00																																
L 252+00	1									1			1																			
L 252+00																																
																											4@400,					
SHEET TOTALS	14	1.305	0.000	0	0	0	0	0	0	1	10	0	0	11	0	0	0	0	0	0	0	0	1	3	0	0	3	2@450	0.0	0.0	12.0	

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