6/20/00

COMPUTED BY: BAM DATE: 07/01/04
CHECKED BY: _____ DATE: _____

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	3-G

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

STATION	LOCATION (LT, RT, 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 300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE 300	400	450	600		800		900		1000		1200	
								THICKNESS OR GAUGE								300	400	450	600		800		900		1000		1200	
																1.63	1.63	1.63	1.63		2.01		2.01		2.77		2.77	
LREV 35+05	RT	103A		44.600	43.990																						
		103A	103		43.990	43.978	Y	6.0																			
LREV 35+05	RT	103		45.154	43.978																						
		103	104		43.978	43.894	Y		30.0																		
LREV 35+34	RT	104		45.080	43.894																						
		104	105		43.894	43.840	Y		20.4																		
LREV 35+34	LT	105		45.080	43.840																						
		105	106		43.840	43.585	Y		22.8																		
LREV 35+57	LT	106		45.077	43.585																						
LREV 35+57	LT	106	106A		43.585	43.540					20.4																
		107	106		43.752	43.585					49.2																
LREV 36+06	LT	107		44.899	43.752																						
		108	107		43.890	43.752	Y	6.0																			
LREV 36+06	LT	108		44.500	43.890																						
		109	107		43.806	43.752	Y		20.4																		
LREV 36+06	RT	109		44.899	43.806																						
		110	109		43.890	43.806	Y	6.0																			
LREV 36+03	RT	110		44.500	43.890																						
		111	109		43.878	43.806	Y		26.4																		
LREV 35+80	RT	111		44.949	43.878																						
		112	111		43.890	43.878	Y	6.0																			
LREV 35+80	RT	112		44.500	43.890																						
		113	107		44.199	43.977			48.0																		
LREV 36+54	LT	113		45.114	44.199																						
		114	113		44.290	44.274		4.8																			
LREV 36+54	LT	114		44.900	44.290																						
	LT	115	114		44.575	44.199			45.6																		
LREV 37+00	LT	115		45.491	44.575																						
LREV 36+43	RT	117A		44.650	44.04																						
		117A	117		44.04	44.028	Y	4.8																			
LREV 36+43	RT	117		45.025	44.028																						
		117	118		44.028	43.860	Y		57.6																		
LREV 37+00	RT	118		45.491	43.860																						
		118	119		43.86	43.662	Y			67.2																	
LREV 37+67	RT	119		46.039	43.662																						
		120	119		45.124	44.187	Y		20.4																		
LREV 37+67	LT	120		46.039	45.124																						
Y10A 10+45	LT	119A	119		43.825	43.662	Y							38.4													
LREV 37+76	RT	119B																									
LREV 37+81	RT	121																									
LREV 38+02	RT	122		46.349	43.563	43.485	Y																				
LREV 38+10	CL	123																									
SHEET TOTAL								33.6		67.2				38.4													
									291.6		69.6																

375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS: STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	ENDWALLS: STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE "TOTAL MOR-RAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS A 1.50 THRU 3.00	FOR DRAINAGE "TOTAL MOR-RAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS B 3.00 AND ABOVE	C.B. STD. 840.01 OR 840.02	FRAME, GRATES, AND HOOD STD. 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & 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 GRATE STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	T.B.D.I. STD. 840.35	STEEL FRAME & GRATE STD. 840.37	FRAME WITH GRATE, STD. 840.29	M.H. FRAME & COVER STD. 840.54	M.D.I. TYPE "D" SPECIAL (SEE SHEET 2-J)	M.D.I. TYPE "B" SPECIAL (SEE SHEET 2-K)	CONCRETE APRON FOR D.I., STD. 852.05			ADJUSTMENT OF CATCH BASINS	PIPE CLEANOUT (meters)	CORR. STEEL ELBOW NO. & SIZE	FLOWABLE FILL (cubic meters)	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
								1																														
								1						1			1																					
								1						1			1																				21.0	
								1						1			1																					
								1						1				1																				
								1						1																						29.0		.05		
								1																														23.8	
																																					7.1	
								1						1	1																							47.9	
								1																														6.3	
								1						1	1																							17.3	
								1																															
								1						1	1																							6.3	
								1																															
								1						1	1																							17.3	
								1																															
								1						1	1																							10.6	
								1																															
								1						1	1																							10.2	
								1																															
								1						1	1																							20	
								1	.13					1				1																				23.5	
								1	.88					1				1																				79.7	
								1						1				1																				6	
														8.4																									
																																				1			
								1	1.29																															
																																				1			
								20						12	2	6	4																					
									2.30																														273.4

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
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
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUCTION BOX

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11-OCT-2004 13:16
User: jmcgee
Active Dgn: R-2562D_RDY_SUM_DRN.DGN