COMPUTED BY: L. MCCRORY DATE: JUNE 2004
CHECKED BY: B. C. FOWLER DATE: DECEMBER 2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552AA	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 *150	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) * UNCOATED C.S. PIPE SIZE *150	400 *400	450 *450	600 *600	800	900	1000	1050
THICKNESS OR GAUGE																	1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.01
SHEET 11																								
-L-		148	149		71.10	75.50									99.6									
-L-		148	150		71.10	73.10					25.2													
-L- 25+28	RT	150		74.44																				
-L-		150	151		73.10	76.10														20.4				
-L- 25+40	RT	151		77.50																				
-L- 25+40	RT	152		78.11																				
-L-		152	152A		77.00	77.00			27.6															
-L-		152A																						
-L- 21+51	LT	153																						
-L- 21+91	LT	154																						
-L- 22+07	LT	155																						
-Y2B- 12+67	CL	156			72.80	71.80									24									
-DR2- 10+09	RT	157																						
-Y4DET- 11+48	CL	157A																		*21.6				
-Y2B- 14+59	LT	158		75.34																				
-Y2B-		158	158A		73.10	72.65						25.2												
-Y2B-		158A																						
-Y2B- 14+73	LT	159		72.26																				
-Y2B-		159	160		73.10	73.00			31.2															
-Y2B- 14+86	RT	160		74.80																				
-Y2B-		160	161		73.00	72.90			15.6															
-Y2B-		161																						
-Y2B- 15+10	RT	162		75.88	75.04	74.50												21.6						
-Y2B- 15+28	LT	163		76.37	75.53	74.45												9.6						
-L- 25+55	RT	165		81.12																				
-L-		165	166		80.21	77.49												44.4						
-L- 26+01	RT	166		79.96																				
-L-		166	167		77.49	77.00					26.4													
-L-		166	168		80.21	80.21			26.4															
-L- 26+01	CL	168		81.12																				
-L-		168	169		79.21	79.96			24															
-L- 26+15	LT	169		80.80																				
SHEETS 11 & 12																								
-L-		166	170		77.49	77.97				120														
SHEET 12																								
-L- 27+22	RT	170		79.00																				
-L-		170	171		77.97	77.49			20.4															
-L- 27+22	CL	171		79.83																				
-L-		171	171A		78.02	78.06			12															
-L- 27+22	CL	171A		79.83																				
-L-		171A	172		78.06	78.16			20.4															
-L- 27+22	LT	172		79.00																				
-Y4- 12+75	LT	173																						
-Y4- 13+23	LT	174			85.56	84.99				4.8														
SHEET TOTAL									177.6		51.6		0		123.6	0	75.6		20.4		0		0	
										124.8		25.2		0					0					
																				*21.6				
																			*0					

STATION	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) * DETAIL SHT. NO. 2-AB CU. METERS R.C.P.	C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE STRUCTURES WITH NO AVG QUANTITY SHALL BE COL. "A" + (1.3 X COL. "B") METERS A 1.50 THRU 3.00	B 3.00 AND ABOVE	O.T.C.B. STD. 840.04 OR 840.05	T.B.D.I. STD. 840.35	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 TWO GRATES STD. 840.20	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	T.B.J.B. STD. 840.34	M.H. FRAME & COVER STD. 840.54	550 mm SLUICE GATE DETAIL SHT. NO. 2-AB	800 mm SLUICE GATE DETAIL SHT. NO. 2-AB	970 mm SLUICE GATE DETAIL SHT. NO. 2-AB	1150 mm SLUICE GATE DETAIL SHT. NO. 2-AB	1330 mm SLUICE GATE DETAIL SHT. NO. 2-AB	CONC. RISER W/TRASH RACK DETAIL SHT. NO. 2-AC	SPRING BOX STD. 840.41	M.D.I. FRAME WITH GRATE STD. 840.22	D.I. STD. 840.14 OR 840.15	D.I. FRAME AND GRATES STD. 840.16	375 mm SLUICE GATE	900 mm SLUICE GATE	1050 mm SLUICE GATE	T.B.D.I. STD. 840.36	STEEL FRAME WITH TWO GRATES STD. 840.37	PREFORMED SCOUR HOLE SEE DETAIL A, SHT. 2-W	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
SHEET 11																																								
-L-				4.6																																				
-L-																																								
-L- 25+28						1	1.50	1.40									1		1																					
-L-																																								IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-L- 25+40						1																1			1															IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-L- 25+40						1											1		1																					IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-L-																																								
-L-				* .5																		1																		
-L- 21+51																																							6.2	UNDER DRIVE
-L- 21+91																																							15.1	UNDER DRIVE
-L- 22+07		18																																						UNDER SR 1548 TURNAROUND
-Y2B- 12+67				4.6																																				
-DR2- 10+09	20.4																																							
-Y4DET- 11+48																																							21.6	REMOVE PIPE WITH DETOUR
-Y2B- 14+59						1	0.74																		1															IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-Y2B-																																								
-Y2B-				* 1.8																						1														
-Y2B- 14+73						1												1		1																				
-Y2B-																																								
-Y2B- 14+86						1	0.30											1		1																				
-Y2B-																																								
-Y2B-				* .5																				1																
-Y2B- 15+10						1				1						1																								
-Y2B- 15+28						1				1						1																								
-L- 25+55						1					1		1																											
-L-																																								
-L- 26+01						1	0.97				1			1																										
-L-																																								
-L-																																								
-L- 26+01						1					1			1																										
-L-																																								
-L- 26+15						1					1		1																											
SHEETS 11 & 12																																								
-L-																																								
SHEET 12																																								
-L- 27+22						1					1			1																										
-L-																																								
-L- 27+22						1					1			1																										
-L-																																								
-L- 27+22						1					1			1																										
-L-																																								
-L- 27+22						1					1			1																										
-Y4- 12+75	6																																						5.3	
-Y4- 13+23																																					.33			
SHEET TOTAL	26.4				0		3.51		0	2	0	8	0				4	0															0		.33		48.2	
		18		12		16		1.40						2	6	2			4	2	1	1	0	0	2	0	0	0	0	0	0	0	0	0				0		

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

6/20/00

17-MAR-2005 11:28
JL Teague