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

6/20/00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552AA	*3-E*

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

STATION / SIZE / THICKNESS OR GAUGE	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) *150	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) * UNCOATED C.S. PIPE *150	400 *400 (1.63)	450 *450 (1.63)	600 *600 (1.63)	600 *600	800 (2.01)	800	900 (2.01)	900	1000 (2.77)	1000	1050 (2.01)	1050	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 *TOTAL M FOR PAY 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-M		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 9																																																																					
-FLYLWREV-		105	106		68.32	69.31			26.4																																																												
-FLYLWREV- 10+99	RT	106		70.15																														1						1			1																										
-FLYLEREV-		105	107		68.32	69.84			26.4																																																											
-FLYLEREV- 11+00	LT	107		70.68																														1						1			1																										
-FLYLEREV-		105	108		68.32	67.78								174																																																						
-LREV- 11+80	CL	108		69.68																														1	0.40				1				1																										
-LREV-		108	109		67.78	68.76			26.4																																																									
-LREV- 11+80	LT	109		69.68																														1						1			1																										
-LREV-		108	110		67.78	67.34								24																																																							
-LREV- 11+80	RT	110		69.60																														1	0.76				1				1																										
-LREV-		110	111		67.34	67.00								20.4																																																						
-LREV- 12+48	RT	112		68.60																														1	0.1																		1																		IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-LREV-		112	112A		67.00	68.86								33.6																																																					IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-LREV- 12+82	RT	112A																														*3.1																				1																			
-LREV- 12+50	RT	113		67.92																														1											1		1																							IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-LREV-	RT	113	113A		67.00	67.00			13.2																																																											
-LREV-	RT	113A																														*.5																1																						
SHEET 10																																																																					
-LREV-		114	115		62.50	68.16											13.2																																															1		2@400				
-LREV- 13+25	LT	115		69.92																														1	0.26					1		1																													
-LREV-		115	116		68.16	68.94			20.4																																																											
-LREV- 13+25	CL	116		69.08																														1						1			1																										
-LREV-		116	117		68.94	69.08			20.4																																																											
-LREV- 13+25	RT	117		69.92																														1						1		1																													
-LREV-		117	118		69.08	69.23			22.8																																																											
-LREV- 13+49	RT	118		69.81																														1							1	1																													
-LREV- 15+51	RT	119		69.03																														1						1		1																													
-LREV-		119	120		68.19	68.03			37.2																																																											
-LREV- 15+89	RT	120		69.03																														1						1		1																													
-LREV-		120	121		68.03	64.50											19.2																																																	2@400				
-LREV- 15+95	RT	121A		67.00	66.00	63.60										52.8																		1																					1																
-LREV- 15+72	RT	122		64.85																														1	0.15																		1																		IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-LREV-		122	122A		63.50	63.50								14.4																																																							
-LREV-		122A																														*2.6																			1																				
-LREV- 15+72	RT	123		64.42																														1											1		1																							IN DRY DETENTION/ HAZARDOUS SPILL BASIN
-LREV-		123	123A		63.50	63.50			19.2																																																										
-LREV-		123A																														*.5																1																						
-LREV- 15+30	LT	124		69.07																														1						1		1																													
-LREV-		124	125		68.23	68.03			66																																																											
-LREV- 15+97	LT	125		68.92																														1						1		1																													
-LREV-		125	126		68.03	67.09			21.6																																																											
-LREV- 16+20	LT	126		68.00																														1						1			1																										
-LREV-		126	127		67.09	66.32				26.4																																																										
-LREV- 16+20	CL	127		68.07																														1	0.25				1				1																										
SHEET TOTAL									300		0		0		0		32.4		0		0		0						0				0		1.92		0		3	11	1				2	0																			1		4@400	0		0	
										26.4		0		266.4		52.8		0												0		6.7		20		0						7	8	0			2	2	0	0	1	1	2	1	0	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

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JLTeague AT RD223230