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-D

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 (1.63)	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 8																																																																					
-FLYLEREV-		81A	82		83.50	83.10				7.2																																																					1						
-FLYLEREV-		81A	83		83.50	83.50				4.8																																																										
-FLYLEREV- 20+54	RT	83		84.50																														1											1		1																						
-FLYLEREV-		83	84		83.50	83.10				7.2																																																				1						
-FLYLWREV-		85	86		82.50	81.59					32.4																																																										
-LPB- 13+80	RT	86		82.40																														1							1		1																												
-LPB-		86	87		81.59	81.18					39.6																																																										
-FLYLEREV- 19+70		87		83.55																														1	0.87					1			1																											
-FLYLEREV-		87	88		81.18	81.00						48																																																		1						
-FLYLWREV-		86	89		81.59	82.11			96																																																												
-FLYLWREV- 18+59	LT	89		82.95																														1						1			1																											
-FLYLWREV- 17+20	RT	91		80.52																														1						1		1																												
-FLYLWREV-		91	92		79.61	78.89				28.8																																																											
-FLYLEREV- 17+36	RT	92		79.95																														1						1			1																											
-FLYLEREV-		92	92A		78.89	77.64					43.2																																																										
-RPD- 11+94		92A		78.79																														1											1		1																						
-YRPD-		92A	93		77.64	77.20				6																																																					1						
-YRPD-		92A	94		77.64	77.64				4.8																																																											
-FLYLEREV- 17+29	RT	94		78.64																														1											1		1																						
-FLYLEREV-		94	95		77.64	77.50				4.8																																																					1						
-RPD- 12+71	RT	96		77.10	76.11	75.25				43.2																								1			1																																			
-RPD- 13+01	LT	97		80.42	79.58	78.30											30																	1						1		1																												
-FLYLWREV-		98	99		79.74	75.18													10.8																																															1@600				
-FLYLWREV- 15+24	RT	99		76.40																														1						1			1																											
-FLYLWREV-		99	100		75.18	75.02					30																																																										
-FLYLEREV- 15+34	RT	100		76.62																														1	0.10				1				1																											
-FLYLEREV-		100	101		75.02	76.42			28.8																																																												
-FLYLEREV- 15+33	LT	101		77.26																														1						1			1																											
SHEETS 8 & 9																																																																					
-FLYLEREV-		100	102		75.02	71.42					217.2																																																										
SHEET 9																																																																						
-FLYLEREV- 13+16	RT	102		73.02																														1	0.10				1				1																											
-FLYLWREV-		102	103		71.42	72.13			26.4																																																												
-FLYLWREV- 13+11	RT	103		72.97																														1						1			1																											
-FLYLWREV-		102	104		71.42	72.73			26.4																																																												
-FLYLEREV- 13+00	LT	104		73.57																														1						1			1																											
-FLYLWREV-		102	105		71.42	68.32						214.8																																																									
-FLYLEREV 11+00		105		70.23																														1	0.41				1				1																											
SHEET TOTAL									177.6		362.4		0		0	0	30		10.8		0		0						0				0		1.48		1		3	9	1				3	0																		5		1@600	0		0	
										106.8		262.8		0				0												0		0		17		0						2	11	0			3		0	0	0	0	0	0	0	0	0	0	0	0	0	0					0		
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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

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