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-A

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	CLASS III R.C. PIPE THICKNESS OR GAUGE	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) * UNCOATED C.S. PIPE SIZE	BITUMINOUS COATED C.S. PIPE THICKNESS OR GAUGE	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.	ENDWALLS CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	METERS 1.50 THRU 3.00 A	METERS 3.00 AND ABOVE B	FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.5 X COL. 'B')	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. 840.15 OR 840.14	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 4																																																						
-I1Y1- 10+85	LT	1		81.72														1						1		1																										
-I1Y1-		1	2		80.88	80.61			88.8																																												
-I1Y1- 11+75	LT	2		82.30														1	0.19					1		1																										
-I1Y1-		2	3		80.61	80.50			4.8																																												
-I1Y1- 11+00	RT	4		80.88	80.04	80.00			12									1						1			1																					1					
-I1Y1- 12+68	LT	5		83.10														1						1		1																										TIE FILL SLOPE TO HDWL
-I1Y1-		5	6		82.26	81.40			4.8																																												
-I1Y1-		5	7		82.26	82.55			48																																												
-I1Y1- 13+17	LT	7		83.39														1						1		1																										
-I1Y1- 13+34	RT	8		83.33	82.49	80.10												1						1		1																					1		2@400			
-I1Y1- 13+56	LT	9			76.30	76.00			4.8																																									0.29		
SHEET 5																																																					
-I1Y1-		11	12		81.45	82.09				28.8																																											
-I1Y1 14+80	RT	12		83.53														1				1				1																										
-I1Y1-		12	13		82.09	83.78				157.2																																											
-I1Y1- 16+38	RT	13		84.69														1					1			1																										
-I1Y1-		13	14		83.78	91.67																																										1@400				
-I1Y1- 15+54	RT	15																																																0.05		
-I1Y1- 15+54	RT	16																																																	18	REMOVE 450 PIPE, 2GI & CONC. BERM
-I1Y1- 15+33	LT	17			83.02	82.25				2.4																																								0.33		
SHEET 6																																																					
-I1Y1-		18	18A		83.30	83.94				10.8																																											
-I1Y1- 17+33	LT	18A		85.38														1				1				1																										
-I1Y1-		18A	18B		83.94	84.25				14.4																																								0.40		REMOVE 600 PIPE & 2GI
-I1Y1- 17+98	RT	19		86.80														1	0.68										1	1																						REMOVE 2GI
-I1Y1-		19	20		84.62	84.74				12																																											
-I1Y1- 18+00	RT	20		85.65														1					1			1																										
-I1Y1-		20	21		84.74	89.80									12																																	1@450				
-I1Y1 17+98	RT	22																																																	12	REMOVE 450 PIPE, 2GI & CONC. BERM
-Y2- 10+62	RT	23			93.79	93.70				4.8																																								0.33		
-Y2- 10+86	RT	24		94.82	93.98	93.80									3.6			1			1						1																									
-Y2- 12+15	RT	25		94.70	94.12	93.95									6			1			1						1																									
-Y2- 12+28	LT	26																																																	11	REMOVE 375 PIPE
-Y2- 12+38	LT	27			93.75	93.12				4.8																																								0.33		
-Y2- 12+38	RT	28			92.87	93.80				2.4																																								0.33		
SHEET TOTAL									163.2		54		0		0	0	40.8		0		0		0								0				0		0.87		0	2	2	8				0	1													3		3@400	2.01		41	
										183.6		0		0				12										0		0		13		0						5	5	2			1		0	0	0	0	0	0	0	0	0	0	0	0			1@450		0.05		
																			*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

17-MAR-2005 11:28
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JL Teague