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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.: R-2562D
SHEET NO.: 3-C

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.P. PIPE (UNLESS NOTED OTHERWISE) 300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300 (1.63)	400 (1.63)	450 (1.63)	600 (1.63)	800 (2.01)	900 (2.01)	1000 (2.77)	1200 (2.77)	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.	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	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" m³ STD.840.72	CONC. & BRICK PIPE PLUG m³ STD.840.71	PIPE REMOVAL (meters)	REMARKS
LREV 23+67	CL	46B																																																							37.2		.34		REM. EX. 1.22x2.44 RCBC
LREV 23+75	RT	47	47A		36.810	35.750			12																																																				
LREV 23+86	RT	47		37.726	36.810																								1			1			1																										
		48	47		36.883	36.810			22.8																																																				
LREV 24+10	RT	48		37.798	36.883																								1			1			1																										
LREV 23+70	LT	49	49A		35.948	35.500							14.4																																																
LREV 23+85	LT	49		37.723	35.948																								1	.27		1		1																											
		50	49		36.062	35.948	Y						25.2																																																
LREV 24+10	LT	50		37.798	36.062																								1	.24		1		1																											
LREV 24+12	LT	50A	50		36.350	36.062	Y			6.0																																																			
		51	50		36.185	36.062	Y						45.6																																																
LREV 24+56	LT	51		37.937	36.185																								1	.25		1		1																											
LREV 24+54	LT	51A	51		36.218	36.185	Y				7.2																																																		
		52	51		36.639	36.335	Y					63.6																																																	
LREV 25+20	LT	52		37.970	36.639																								1			1	1																												
		53	52		36.763	36.639	Y					38.4																																																	
LREV 25+60	LT	53		38.059	36.763																								1			1		1																											
LREV 25+60	RT	53A	53		36.880	36.763	Y				34.8																																																	11.2	
		54	53		37.200	36.913					40.8																																																		
LREV 26+02	LT	54		38.408	37.200																								1			1		1																											
LREV 26+03	RT	54B	54		37.400	37.200	Y			26.4																																																		12.8	
		55	54		38.544	37.425	Y		66.0																																																				
LREV 26+70	LT	55		39.460	38.544																								1			1		1																											
LREV 26+16	RT	54A																																																					1						
LREV 25+36	RT	56																																																							2.4		.05	26.7	
Y2 10+61	LT	57																									4.8																																				
Y2 10+82	LT	58																								4.8																																			6.0	
Y3 10+20	RT	59																																																					1							
Y3 10+22	CL	59A																																																						1						
Y3 10+38	RT	59B																																																						1						
Y3 10+68	RT	60																																																						1							
Y3 10+23	LT	61																													1			1			1																				1					6	
Y3 10+68	LT	62																																																					1							
LREV 26+69	RT	63																													1										1					1																	
SHEET TOTAL									100.8		82.8		85.2											4.8					11			10		6					1					1										3			39.6			62.7	
										32.4		102.0													4.8					0.76			1		3																				4				0.39		

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 JUNCTION BOX

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