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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	3-1

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) 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 STRUCTURES *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. 840.24	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
		139	145		44.328	44.192	Y					45.6																																																
LREV 42+80	LT	145		45.488	44.192																								1			1		1																										
		145	146		44.192	44.112						36.0																																																
LREV 43+13	LT	146		45.586	44.112																								1			1		1																										
		147	146		44.476	44.412	Y			20.4																																																		
LREV 43+13	RT	147		45.586	44.476																								1			1			1																								10.6	
		148	147		44.572	44.476	Y		32.4																																																			
LREV 42+80	RT	148		45.488	45.488																								1			1			1																								4.6	
LREV 43+13	RT	147A	147		44.900	44.476	Y			4.8																																																		
		146	149		44.112	43.899	Y					86.4																																																
LREV 43+99	LT	149		45.847	43.899																								1	.45		1		1																										
		149	150		43.899	43.804	Y					38.4																																																
LREV 44+37	LT	150		45.961	43.804																								1	.66		1		1																										
LREV 44+38	LT	150	150A		43.804	43.789						4.8																																																
		151	150		44.431	44.104	Y				20.4																																																	
LREV 44+34	RT	151		45.952	44.431																								1	.02		1			1																								7	
LREV 44+32	RT	151A	151		44.600	44.431	Y			6.0																																																		
		152	151		44.533	44.431	Y			34.8																																																		
LREV 43+99	RT	152		45.847	44.533																								1			1			1																									
		153	152		44.626	44.608	Y		6.0																																																			
LREV 43+99	RT	153		45.312	44.626																								1							1	1																							
LREV 45+45	LT	154		45.986	45.071																								1			1			1																									
		154	155		45.071	44.724	Y		30.0																																																			
LREV 45+75	LT		155	45.896	44.649																								1			1			1																									
LREV 45+76	LT	155	155A		44.649	44.300				6.0																																																		
		156	155		44.739	44.649	Y			20.4																																																		
LREV 45+77	RT	156		45.890	44.739																								1			1		1																										
LREV 45+70	RT	156A	156		44.850	44.739	Y			16.8																																																		
		157	156		44.885	44.739	Y			31.2																																																		
LREV 45+46	RT	157		45.983	44.885																								1			1		1																									24	
LREV 45+46	RT	157A	157		44.900	44.885	Y			6.0																																																		
		158	156		44.817	44.739	Y			26.4																																																		
LREV 46+04	RT	158		45.809	44.817																								1			1		1																										
LREV 46+04	RT	158A	158		44.900	44.817				4.8																																																		
LREV 46+34	RT	159A	159		44.900	44.860				4.8																																																		
LREV 46+35	RT	159		45.717	44.860																								1			1		1																									6.0	SHALLOW
		159	160		44.86	44.806				20.4																																																		
LREV 46+35	LT	160		45.717	44.806																								1			1			1																									SHALLOW
		160	161		44.806	44.614				64.8																																																		
LREV 47+00	LT	161		45.522	44.614																								1			1			1																									SHALLOW
LREV 47+00	LT	161A	160		44.900	44.614				4.8																																																		
SHEET TOTAL									68.4		20.4																		17			16		8		1	1																								52.2	
										272.4		211.2																		1.13					8																									

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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