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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

METRIC

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) 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)	600	800 (2.01)	800	900 (2.01)	900	1000 (2.77)	1000	1200 (2.77)	1200	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" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
LREV 27+58	LT	64		40.809	39.893																													1			1		1																													24.9	
		64	65		39.893	39.649	Y		64.8																																																													
LREV 28+23	LT	65		41.296	39.124																													1	.67																	1				1													24.7	
		65	66		39.124	39.004							30.0																																																									
Y5 10+26	LT	66		40.760	39.004																													1	.26									1						1																					
		67	66		39.716	39.529	Y		15.6																																																													
Y5 10+36	RT	67		40.300	39.716																													1												1				1																					
		66	68		39.004	38.892	Y						37.2																																																									
LREV 28+26	LT	68		41.092	38.892																													1	.70									1						1																					LOCATED +/-77m LT.
LREV 28+03	LT	68	68A		38.892	38.779							37.2																																																									LOCATED +/-107m LT.
LREV 28+17	CL	65A																																																																1.6		.03	3.7	
LREV 28+35	RT	65B																																																															4.5		.07		
LREV 27+70	RT	69		40.937	40.022																													1			1			1																														
		70	69		40.389	40.022			4.8																																																													
LREV 27+70	RT	70		41.075	40.389																													1								1	1																													
		69	71		40.022	39.872			50.4																																																													
LREV 28+19	RT	71		41.000	39.872																													1								1	1																													
LREV 28+22	CL	71	65		39.872	39.424	Y		25.2																																																													
		72	71		40.053	39.731					27.6																																																											
LREV 28+46	RT	72		41.376	40.053																													1			1			1																												16.6	
		73	72		40.238	40.203	Y			8.4																																																											
LREV 28+53	RT	73		41.000	40.238																													1								1	1																											6.2	
		74	73		40.554	40.313			19.2																																																													
LREV 28+53	RT	74		41.240	40.554																													1								1	1																												
		75	72		40.254	40.053	Y				63.6																																																											
LREV 29+10	RT	75		41.786	40.254																													1			1			1																												58.4	
		76	75		40.429	40.404	Y			8.4																																																											
LREV 29+10	RT	76		41.191	40.429																													1								1	1																												
		77	75		40.613	40.404	Y			14.4																																																												
LREV 29+24	RT	77		41.958	40.613																													1																				1				1													15.6	
		83	77		40.693	40.613	Y			26.4																																																											
LREV 29+51	RT	83		42.048	40.693																													1			1			1																									2.4		.3	9.2	
		84	83		40.738	40.693	Y			15.6																																																											
Y6 10+23	LT	84		41.500	40.738																													1								1	1																												
SHEET TOTAL									180.0		91.2		104.4																					16			5		1	4		6	6	2		1				3		2				2										8.5		0.4		
										73.2																									1.63																																				159.3	

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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