COMPUTED BY: BW DATE: 05/04
CHECKED BY: LC DATE: 05/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2717	3-J

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	C.S. PIPE 150	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 400	450	600	SMOOTH STEEL PIPE 900	1050	PVC PIPE 150	CORRUGATED PLASTIC PIPE 300	300mm SIDE DRAIN PIPE	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 (EA.)	D.I. FRAME & GRATE STD. 840.16 (EA.)	M.D.I. TYPE "B" STD. 840.18 OR 840.27 (EA.)	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24(EA.)	M.D.I. FRAMES AND WIDE SLOT GRATES STD. 840.22(EA.)	J.B. STD. 840.31 OR 840.32 (EA.)	M.H. STD.840.54 (EA.)	J.B. STD. 840.34 (EA.)	DRIVEWAY D.I. STD. 840.30 (EA.)	FRAME & GRATE FOR DRIVEWAY D.I. STD.840.30 (meters)	PARALLEL PIPE END SECTION STD. 310.02 OR 310.04	CROSS PIPE END SECTION STD. 310.03 OR 310.05	POLYMER LINE DRAIN W/WIDE SLOT GRATE SEE DETAIL SHEET (2-H)	PVC 150MM ELBOW NO. & SIZE	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" STD.840.72 (m^3)	CONC. & BRICK PIPE PLUG (m^3) STD.840.71	PIPE REMOVAL (meters)	REMARKS
SIZE / THICKNESS OR GAUGE																1.63	1.63	1.63	1.63																																				
-L- 39+20	RT	169		257.52																										1			1		1																				
-L- 39+20	RT	169	170		256.54	256.38				14.4																																							14.4						
-L- 39+35	RT	170		257.50																										1	0.15		1		1																				
-L- 39+35	RT	170	171		255.85	255.42	X			38.4																																													
-DR2- 10+56	RT	172		257.52																										1									1	1															
-DR2- 10+57	CL	172	173		256.71	255.91			21.6																																														
-DR2- 10+59	LT	173		257.41																										1									1	1															
-DR2- 10+59	LT	173	174		255.91	254.40			52.8																																														
-RPB- 12+78	LT	175		256.63																										1			1		1																				
-RPB- 12+87	CL	175	176		255.82	255.74	X	21.6																																															
-L- 39+70	RT	176		257.66																										1	0.42		1			1																			
-L- 39+70	RT	176	177		255.66	255.57			34.8																																														
-L- 39+99	RT	177		257.95																										1	0.95		1			1																			
-L- 39+99	CL	177	178		255.57	255.49	X		28.8																																														
-L- 40+04	LT	178		257.93																										1	0.94		1		1																				
-L- 40+04	LT	178	179		255.49	254.20											12																																	2@400mm					ROD & LUG W/SLEEVE GASKETS
-Y22- 13+50	LT	180	181		250.31	249.41														*46.8																																.16			*BORE AND JACK
-Y22- 13+50	CL	181		250.78																										1	0.68								1		1														
-Y22- 13+50	RT	181	182		249.41	248.72														*25.2																																.16			*BORE AND JACK & REM DI
-Y22- 14+45	RT																																																					15.8	
-RPC- 11+56	CL	183			248.35	247.80							22.8															2.6																											
-RPC- 14+00	RT																																																					38.3	
-RPA- 14+58	CL	184											40.8															2.6																										3.1	
-L- 41+06	LT	185		258.47																										1			1		1																				
-L- 41+06	LT	185	186		257.85	257.71		22.8																																															
-L- 41+17	RT	186		258.59																										1			1			1																			
-LPC- 10+54	CL	186	187		257.71	257.05			13.2																																														
-LPC- 10+60	RT	187		257.93																										1			1		1																				
-LPC- 10+60	LT	187	187A		256.95	255.32											11.4																																						
-LPC- 10+91	RT	188		256.91																										1			1		1																				
-LPC- 10+91	RT	188	188A		255.93	255.25				7.2																																													
-LPC- 10+91	CL	188	189		255.93	256.00				13.2																																						1							
-LPC- 11+39	RT	190		254.69																										1			1		1																				
-LPC- 11+39	CL	190	191		253.88	254.01		8.4																																															
-LPC- 11+39	RT	190	190A		253.80	253.77			7.2																																														
-LPC- 11+39	LT	191		254.92																										1							1	1																	
-LPC- 12+00	RT	192		251.94																										1			1		1																				
-LPC- 12+00	RT	192	192A		251.06	251.03			6																																														
SHEET TOTAL								52.8	133.2	73.2			63.6				24			72								5.2		16	2.26		12	0	9	3	1	1	3		1							1	14.4	2@400mm		.32		54.1	

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

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