6/20/00

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.
U2717	3-F

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 (1.63)	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 400 (1.63)	450 (1.63)	600 (1.63)	SMOOTH STEEL PIPE 900	1050	PVC PIPE 150	CORRUGATED PLASTIC PIPE 300
SIZE / THICKNESS OR GAUGE																							
-L- 25+77	RT	94	95		256.98	255.31	X	81.6															
-L- 26+60	RT	95		256.12																			
-L- 26+60	RT	95	96		255.20	255.22	X	4.8															
-L- 26+60	RT	95	97		255.13	254.50	X		42														
-L- 26+60	RT	96		255.82																			
-L- 27+02	RT	97		255.41																			
-L- 27+02	RT	97	98		254.58	254.59	X	4.8															
-L- 27+02	RT	97	105		254.43	253.28				106.8													
-L- 27+02	RT	98		255.19																			
-L- 27+18	LT																						
-L- 27+52	LT																						
-L- 27+87	LT	99		254.33																			
-L- 27+87	LT	99	100		253.52	253.39	X	40.8															
-L- 28+27	LT	100		254.20																			
-L- 28+27	LT	100	101		253.32	253.31			2.4														
-L- 28+29	LT	101		254.20																			
-L- 28+29	LT	101	102		253.31	252.50			49.2														
-L- 28+78	LT	102		254.41																			
-L- 28+79	LT	102	103		251.67	250.10							15.6										
-L- 28+79	CL	102	107		251.82	251.94						20.4											
-L- 28+79	LT	102	117		253.20	254.10	X			55.2													
-L- 28+77	LT	103		252.13																			
-L- 28+77	LT	103	104		250.10	250.00	X						20.4										
-L- 28+09	RT	105		254.22																			
-L- 28+09	RT	105	106		253.13	253.03					32.4												
-L- 28+41	RT	106		254.22																			
-L- 28+41	RT	106	107		253.03	252.40					38.4												
-L- 28+78	RT	107		254.41																			
-L- 28+78	RT	107	108		252.09	252.16	X				8.4												
-L- 28+87	RT	108		254.49																			
-L- 28+87	RT	108	109		252.38	252.58			6														
-L- 28+87	RT	108	110		252.16	252.73					18												
-L- 28+89	RT	109		253.60																			
-L- 29+04	RT	110		254.68																			
-L- 29+04	RT	110	111		252.73	253.00*			3.6														
-L- 29+04	RT	110	112		252.73	253.64					37.2												
SHEET TOTAL								132	103.2	162	134.4	20.4	36										

STATION	LOCATION	FROM	TO	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 (m³)	CONC. & BRICK PIPE PLUG STD.840.71 (m³)	PIPE REMOVAL (meters)	REMARKS
-L- 25+77	RT	94	95																																
-L- 26+60	RT	95								1			1		1																				
-L- 26+60	RT	95	96																																
-L- 26+60	RT	95	97																																
-L- 26+60	RT	96								1							1	1																	
-L- 27+02	RT	97								1			1		1																				
-L- 27+02	RT	97	98																																
-L- 27+02	RT	97	105																																
-L- 27+02	RT	98								1							1	1																57.2	REM & REPLACE DI
-L- 27+18	LT																																	5.4	
-L- 27+52	LT																																	6	
-L- 27+87	LT	99								1			1			1																		6.9	
-L- 27+87	LT	99	100																																
-L- 28+27	LT	100								1			1	1																				6.3	
-L- 28+27	LT	100	101																																
-L- 28+29	LT	101								1			1	1																					
-L- 28+29	LT	101	102																																REM DI
-L- 28+78	LT	102								1	1.50	1.24	1		1																			20.3	
-L- 28+79	LT	102	103																																
-L- 28+79	CL	102	107																															39.4	REM CB (T1-TEMP/DRAINAGE)
-L- 28+79	LT	102	117																															5	
-L- 28+77	LT	103								1	1.50	0.53										1	1												
-L- 28+77	LT	103	104																																
-L- 28+09	RT	105								1			1		1																				
-L- 28+09	RT	105	106																															72.7	
-L- 28+41	RT	106								1			1			1																			
-L- 28+41	RT	106	107																																
-L- 28+78	RT	107								1	1.50	0.82	1			1																			
-L- 28+78	RT	107	108																																
-L- 28+87	RT	108								1	1.50	0.83	1			1																			
-L- 28+87	RT	108	109																																
-L- 28+87	RT	108	110																																
-L- 28+89	RT	109								1							1	1																	
-L- 29+04	RT	110								1	0.45		1			1																			
-L- 29+04	RT	110	111																													.29			*TIE TO EXISTING
-L- 29+04	RT	110	112																															16.3	
SHEET TOTAL										15	6.45	3.42	11	2	4	5	3	3				1	1									.29		235.5	

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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