6/20/00

COMPUTED BY: AL SMITH DATE: 9/23/02
CHECKED BY: S. ASHLEY DATE: 10/27/03

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2734	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) SIZE 300	375	450	600	750	900	1050	1200	DUCTILE IRON PIPE (UNLESS NOTED OTHERWISE) SIZE 300	375	450	600	750	900	1050	1200				PRECAST DRAINAGE STRUCTURE REQUIRED		375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE TOTAL M FOR PAY QUANTITY SHALL BE FOL. 4" (1.5 X COL. B') METERS A 1.50 THRU 3.00	METERS 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. (N.S.) FRAME W/ 2 GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	M.H.C. STD. 840.54	T.B.D.I. STD. 840.35	D.I. FRAME & GRATE STD. 840.29	T.B.J.B. STD. 840.52	PRE-FORMED SCOUR HOLE	CONC. APRON FOR DI STD. 852.06	ADJUST EX. C.B.	ADJUST EX. D.I.	ADJUST EX. M.H.	CONV. EXIST. D.I. TO J.B.	CONC. APRON FOR CB STD. 852.05	FLOWABLE FILL (CUBIC METERS)	BORE AND JACK (METERS) W/TWO COLLARS	CONC. & BRICK PIPE PLUG m STD.840.71	CONC. COLLARS, CL. "B" m STD.840.72	PIPE REMOVAL (meters)	REMARKS
–L– 41+92	RT	132		9.93	9.01				7.2																X					1			1		X														
		132	133		9.01	8.80																																									7.4	
–L– 42+47	RT	134		10.10	9.18																				X					1			1		X														
		134	135		9.18	8.90			7.2																																						
–L– 42+73	LT	136										28.8																																				29	
–L– 43+06	RT	137		10.20	9.28																				X					1			1		X														
		137	138		9.28	9.00			7.2																																						
		139	140A		8.90	8.99						12.8																																				22.4	
–L– 43+46	LT	140A		10.26																					X					1																			
		140A	140		8.99	9.10						16.0																																						
–L– 43+62	LT	140		10.45	9.10																				X					1			1		X														
		140	141		9.10	9.40						51.6																																						
–L– 44+14	LT	141		10.85	9.40																				X					1																			
		141	142		9.40	10.03			4.8																																								
–L– 44+14	LT	142		11.00	10.03																				X					1																			
–L– 44+29	LT	143		11.00	9.78																				X					1																			
–L– 43+49	RT	144								22.8																																							
–L– 43+66	RT	145		10.45	9.53																				X					1			1		X														
		145	146		9.53	9.20			9.6																																								
–L– 44+20	RT	147		10.84	9.92																				X					1			1		X														
		147	148		9.92	9.80			7.2																																						7	
		147	149		9.92	10.05			14.4																																						
–L– 44+36	RT	149		10.97	10.05																				X					1			1		X														
–L– 44+61	LT	150		11.27	9.75																				X					1	0.02																		
		150	151		9.75	9.90			1.2																																						
–L– 44+61	LT	151		11.20	9.90																				X					1			1		X														
–L– 45+32	LT	152		11.93	10.02																				X					1	0.41																		REM. CB
–L– 45+72	RT	153		12.08	11.11																				X					1																			
		153	154		11.11	10.70			12.0																																						14	
–L– 45+70	RT	154		11.75	10.70																				X					1			1		X														
		154	155		10.70	10.20			4.8																																						
–L– 46+15	RT	156		12.36	11.35																				X					1																		17.6	
		156	157		11.35	11.20			8.4																																						17.4	
–L– 46+16	RT	157		12.13	10.36																				X					1	0.27		1		X														
		157	158		10.36	10.20	*							8.4																																			
		157	159		10.36	10.62	*							67.2																																			
–L– 46+84	RT	159		12.42	10.62																				X					1	0.30		1		X														
		159	160		10.62	10.81								9.6																																			
SHEET TOTAL										22.8		109.2																		19					9		3								1					
									84.0					85.2																	19		1	11	2			3							5				3			146	

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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