6/20/00

COMPUTED BY: J. BRAXTON DATE: 3-28-03
CHECKED BY: D. Noland DATE: 7-09-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2912	3B

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 IN	INVERT ELEVATION OUT	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) SIZE	300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) THICKNESS OR GAUGE	300	400	450	600	800	900	1000	1200	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.	C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE TOTAL M. FOR PAY QUANTITY SHALL BE COL. A + (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	M.H. FRAME & COVER STD 840.54	TB JB STD. 840.34	ADJUST CB	750 mm CSP 12GA 2.75mm TH. METHOD B	1200 mm RCP CLASS IV--METHOD B	1500 mm RCP CLASS IV--METHOD B	CORR. STEEL ELBOW NO. & SIZE	CONC. ELBOW 375 MM	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
-L- REV																																																					
12+50	RT	23		57.27																									1			1			1																		
		23	24		56.68	56.40				32.4																																										
12+84	RT	24		57.0																									1			1			1																		
		24	25		55.95	55.85					15.6																																									
13+00	RT	25		57.11																									1			1			1																		
		25	26		55.83	55.60					30																																									
13+30	RT	26		57.25																									1			1			1																		
		26	26A		55.60	58.00													9.6																																
		26	27		55.58	55.38						50.4																																								
13+81	RT	27		57.41																									1	.56		1			1																		
		27	28		55.35	55.20						34.8																																								
14+15	RT	28		57.26																									1	.66		1			1																		
		28	30		55.10	54.75						37.2																																								
14+50	RT	30		56.66																									1	.46		1			1																		
		29	30		55.70	55.65				12																																									
14+50	RT	29		56.67																									1			1	1																		OTCB
		31	30		56.20	55.00				18																																								
14+52	LT	31		56.80																									1			1		1																		
		30	33		54.70	54.50							56.4																																						
15+10	RT	33		56.40																									1	.5		1			1																		
15+10	RT	32		58.16																									1	.66		1			1																		OTCB
		32	33		56.00	55.40				8.4																																								
15+10	LT	34		56.43																									1			1				1																	
		34	33		55.40	55.20				19.2																																								
		33	37		54.40	54.10							80.4																																						
15+53	LT	35		55.93																									1			1				1																	
		35	36		54.90	54.75				36																																								
15+90	LT	36		55.71																									1			1				1																	
		36	37		54.70	54.60				19.2																																								
15+90	RT	37		55.61																									1	.11		1			1																		
		37	38		54.00	53.10							62.4																																					
16+52	RT	38		54.60																									1			1			1																		
		38	39		53.05	52.30							49.2																																					
16+96	RT	39		53.90																									1	.20		1			1																		
		39	41		52.20	45.60																																														METHOD B INSTALLATION
																																																					REMOVE ENDWALL
16+99	RT	40																											1																								
		40	OUT		45.71	44.00																																													METHOD B INSTALLATION
	LT	41																											1																								
		41	OUT		45.60	44.00																																													METHOD B INSTALLATION
17+68	RT	42																																																
		42	OUT		41.30	40.15																																														METHOD B INSTALLATION
SHEET TOTAL										145.2		122.4						9.6											19			17	1	13	3																		
											45.6		248.4																		3.15																								

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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