COMPUTED BY: KEM & WPB DATE: 11-12-02
CHECKED BY: DWG DATE: 08-12-04

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2913B	3-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
"ALL ELEVATIONS ARE FOR BID PURPOSES ONLY"
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	400	450	600	800	900	1000	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) R.C.P.	ENDWALLS STD. 838.01 STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) 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 1.50 THRU 3.00 A	METERS 3.00 AND ABOVE B	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 WITH TWO GRATES STD. 840.24	CONC. APRON FOR DROP INLET	POLYMER LINE DRAIN (METERS)	T.B.J.B. STD. 840.34	M.H. FRAME & COVER STD. 840.54	CONVERT JB TO DI	PREFORMED SCOUR HOLE	450 mm PLASTIC PIPE	MODIFIED CONCRETE FLUME SEE SHEET 2-Q	750 mm PLASTIC PIPE	T.B.D.I. STD. 840.35	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.29	TEMP. STEEL PLATE COVERS	PIPE CLEANOUT	CORR. STEEL ELBOW NO. & SIZE	FLOWABLE FILL m^3	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m STD.840.71	PIPE REMOVAL (meters)	REMARKS
SIZE																																																						
THICKNESS OR GAUGE		FROM	TO													1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77				R.C.P.	C.S.P.	PER EACH (0 THRU 1.50)	1.50 THRU 3.00	3.00 AND ABOVE																																			
–L– 67+28	LT	171		272.30																									1																										
		168	171A		271.68	271.78			21.6																																												
–L– 67+52	LT	171A		273.36																									1	0.08		1		1																						
		171A	172		271.78	271.82			8.4																																												
–L– 67+52	LT	172		272.40																									1																										
–L– 67+00	LT	173																																																					
–L– 67+60	LT	173A																																																			
–L– 66+80	RT	174		272.10																									1			1		1																				
		174	OUT		271.19	271.17			7.2																																												
–L– 67+10	RT	175		272.26																									1			1		1																				
		175	OUT		271.34	271.32			7.2																																												
–L– 67+40	RT	176		272.46																																																		
		176	OUT		272.46	272.10																																															
–L– 68+23	LT	177		269.80																									1			1	1																				
		177	178		268.77	269.67			27.6																																												
–L– 68+50.2	LT	178		271.50																									1	0.33																										
		178	OUT		269.67	271.01			4.8																																												
–L– 68+56.9	LT	179		272.91																									1	0.40		1		1																				
–L– 68+60	RT	180																																																					
–L– 68+80	RT	181		272.77																									1			1		1																				
		181	184		271.85	271.48			39.6																																												
–L– 69+05	RT	182																																																				
–L– 69+20	RT	183		272.66																									1							1	1			1														
		183	184		271.69	271.48			8.4																																												
–L– 69+20	RT	184		272.39																									1			1		1																				
		184	185		271.45	271.53			4.8																																												
		184	193		271.48	271.30			12																																												
–L– 69+20	RT	185		272.22																									1							1	1																
–L– 69+30	RT	186																																																		
–L– 69+20	LT	187		272.39																									1			1		1																				
		187	188		271.48	271.39			16.8																																												
–L– 69+36.7	LT	188		272.32																									1	0.80		1	1																						
		188	189		270.93	271.01					16.8																																											
		188	191		271.39	271.55			32.4																																												
–L– 69+32	RT	189		272.60																									1	0.08																										
		189	193		271.01	271.06					8.4																																											
		191	192		271.55	271.94			39.6																																												
–L– 69+54	LT	190																																																				
SHEET TOTAL									230.4		25.2																			15	1.69		9	2	3	4	2	2		2	2	2	1	1	3	1	1	1	1				2.10		0.06		
																																																				114.1

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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