COMPUTED BY: WHY DATE: 10-04
CHECKED BY: SDK DATE: 11-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552B	3-C

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	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE	300	400	450	600	800	900	1000	1200
								THICKNESS OR GAUGE									1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77
81+00	L	44	–	99.703	98.182																				
		44	45		98.182	90.763													20.4						
81+32	L	46	–		89.700	88.525										*99.6									
83+10	M	47	–	96.073	95.159																				
		47	50		95.159	92.678					140.4														
		47	48		95.235	95.858				20.4															
83+10	R	48	–	96.696	95.858																				
		47	49		95.235	95.858				20.4															
83+10	L	49	–	96.698	95.858																				
84+30	R	49A	49B		86.720	83.500						26.4													
84+50	M	50	–	93.973	92.525																				
		50	51		92.754	93.757				20.4															
84+50	L	51	–	94.595	93.757																				
		50	52		92.754	93.757				20.4															
84+50	R	52	–	94.595	93.757																				
		50	53		92.525	90.394						141.6													
85+92	M	53	–	91.842	90.394																				
		53	54		90.623	91.626				20.4															
85+92	R	54	–	92.464	91.626																				
		53	55		90.394	89.880						20.4													
85+92	L	55	–	92.464	89.880																				
		55	55A		91.566	91.806				12															
85+80	L	55A	–	92.644	91.806																				
85+92	L	55	56		89.880	88.516						13.2													
87+17	M	57	–	89.966	89.128																				
	R	57	58		89.128	88.924				20.4															
87+17	R	58	–	90.589	88.924																				
		58	58A		89.691	89.931				12.0															
87+05	R	58A	–	90.769	89.931																				
	R	58	59		88.924	85.500				18															
88+30	M	60	–	87.900	86.878																				
		60	60A		86.878	86.752	*			25.2															
		60	61		86.878	87.010	*			26.4															
88+30	L	61	–	87.594	87.010																				
89+60	M	62	–	84.480	82.964																				
		62	63		83.040	83.316				27.6															
89+60	R	63	–	84.154	83.316																				
SHEET TOTAL										243.6	140.4	201.6				CLASS IV 99.6			20.4						

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.	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE "TOTAL MAY PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B')' METERS A 1.50 THRU 3.00	METERS B 3.00 AND ABOVE	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. (W.S.) FRAME WITH GRATE STD. 840.20	M.D.I. (W.S.) FRAME WITH TWO GRATES STD. 840.20	J.B. STD. 840.31 OR 840.32	FRAME WITH N.S. FLAT GRATES STD. 840.29	T.B.D.I. STD. 840.35	M.H. FRAME AND COVER STD. 840.54	PRE-FORMED SCOUR HOLE SHEET 2-G	BDO	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
					1	.021					1				1										
																					1		2-450			
		3.4																								*CL IV METH. 'B' INSTALL. HW RT.
					1						1			1												
					1						1				1											
					1						1															
					1						1															
					1							1			1											
					1						1															
					1						1															
					1						1				1											
					1						1															
					1						1				1											
					1	1.084					1															
					1						1															
					1						1															
					1						1															
					1	0.165					1															
					1						1															
																					1					PSH. RT.
					1						1				1											
																					1					PSH. RT.
					1								1		1											
					1	0.016						1			1											
					1						1				1											
		3.4			18	1.286					3	14	1		8		10				3		2-450			

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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