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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

METRIC

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & UNDER)

CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE); BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE); ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS; QUANTITIES: STRUCTURES — FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B')

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	R.C. PIPE 300	R.C. PIPE 375	R.C. PIPE 450	R.C. PIPE 600	R.C. PIPE 750	R.C. PIPE 900	R.C. PIPE 1050	R.C. PIPE 1200	C.S. PIPE 300 (1.63)	C.S. PIPE 400 (1.63)	C.S. PIPE 450 (1.63)	C.S. PIPE 600 (1.63)	C.S. PIPE 800 (2.01)	C.S. PIPE 900 (2.01)	C.S. PIPE 1000 (2.77)	C.S. PIPE 1200 (2.77)	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS R.C.P.	ENDWALLS C.S.P.	PER EACH (0 THRU 1.50)	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
		62	64		82.964	83.240				27.6																																									
89+60	L	64	–	84.154	83.240																								1						1			1													
		64	65		83.316	90.202											13.2																													1	1–400				
		62	66		82.964	76.844					200.4																																								
91+60	M	66	–	78.292	76.844																								1					1				1													
		66	67		76.853	77.129	*		31.2																																										
91+60	L	67	–	77.967	77.129																								1						1			1													
		66	68		76.844	76.172					34.8																																								
91+80	R	68	–	77.620	76.172																								1					1				1													
		68	69		76.172	73.600					45.6																																								TIES INTO PROPOSED CULVERT
92+63	M	70	–	77.300	76.080																								1					1			1	1													
		70	71		76.080	75.430			30.0																																				1						
93+40	M	71A	–	77.849	76.782																								1						1			1													
		71A	71B		76.782	76.500	*				32.4																																								
		71A	72		76.782	79.659				140.4																																									
94+80	M	72	–	80.757	79.659																								1						1			1													
		72	74		79.659	79.923	*		26.4																																										
		72	73		79.919	80.100			33.6																																										
94+80	L	74	–	80.761	79.923																								1						1			1													
95+00	R	73	–	80.938	80.100																								1						1			1													
RAMP 'B'																																																			
3+00	L	76	–	76.199	75.289																								1						1			1													
		75	76		85.470	75.289											19.2																													1	1–400				
		76	77		75.289	74.858				19.2																																									
3+00	R	77	–	76.308	74.858																								1					1				1													
		77	79		74.858	72.435					120																																								
4+20	L	78	–	74.411	73.571																								1						1			1													
		78	79		73.571	72.435			19.2																																										
4+20	R	79	–	73.885	72.435																								1					1				1													
		79	80		72.435	69.826					152.4																																								
5+72	R	80	–	71.426	69.826																								1	.10				1			1	1													
		80	81		69.826	77.500											30																													1	1–400				
		80	82		69.826	70.626			19.2																																										
5+72	L	82	–	71.466	70.626																								1						1			1													
		80	83		69.826	69.190	*					63.6																																							
SHEET TOTAL									159.6	187.2	585.6	63.6					62.4												15	.10				6	9		2	15							1	3	3–400				

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

6/20/00

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