COMPUTED BY: R. E. Wilson DATE: 8/31/04

CHECKED BY: J. L. Laws DATE: 8/31/04

PROJECT NO.	SHEET NO.
R-3427	3-H

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

D11CAD212280

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: 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) THICKNESS OR GAUGE: 12"	15"	18"	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') LIN. FT. A: 5.0' THRU 10.0'	B: 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND 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. 840.29	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	T.B. J.B. STD. 840.34	MANHOLE STD. 840.51	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54	T.B. D.I. STD. 840.35	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
234+20	LT	169		767.86	765.11				1																	1																					1		
		169	170		765.11	765.00			44																																								
234+20	RT	170		767.86	765.00																					1																					1		
		170	172		765.00	765.57			120																																							
		170	173		765.00	756.30											36																														2 (15)				
235+40	LT	171		768.45	765.70																					1																					1		
		171	172		765.70	765.57			44																																							
235+40	RT	172		768.45	765.57																					1																					1		
238+20	LT	174		771.47	768.72																					1																					1		
		174	175		768.72	768.61			44																																							
238+20	RT	175		771.47	768.61																					1																					1		
		175	176		768.61	754.50											36																														2 (15)				
241+50	LT	177																							28																								23	12" RCP
																																														0.13		PLUG 18" -L- STA 241+68
242+55	LT	178																							32																								25	12" RCP
-Y6- 12+40	RT	179																							28																								24	12" RCP
-Y6- 14+20	LT	180																							32																								46	15" RCP
																																																41	18" RCP 245+56 LT
-L- 246+50	LT	181																								48																								44	18" RCP
246+75	RT	182																								32																								32	18" RCP
250+50	LT	183	184														32																														2 (15)				
250+50	LT	184		777.42	774.67																					1																					1		
250+50	RT	185		777.42	774.67																					1																					1		
250+50	RT	185	186														48																																2 (15)				
255+75	LT	187																							36																								0.13		PLUG 18" -L- STA 255+60
																																																20	15" CMP 255+60
259+70	CL	188			814.99	813.00				68																																								REMOVE EXIST. PIPE
264+00	RT	189																							28																								20	15" PLASTIC
267+00	RT	190																							48																									
SHEET TOTALS									252	68							152								232	80																					8 (15)		0.26	275	

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 JUNCTION BOX