COMPUTED BY: CLB DATE: 7/22/2003

CHECKED BY: RDH DATE: 7/22/2003

RA1-FLD8501

PROJECT NO.	SHEET NO.
U-0620	3-G

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & 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) SHADED BLOCK = CLASS IV R.C. PIPE: 12	15	18	24	30	36	42	48	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE): 12	15	18	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	36" 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 840.25	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.D.I. STD. 840.35 OR 840.32	T.B.J.B. STD. 840.34	J.B. STD. 840.31 OR 840.32	MANHOLE STD. 840.51	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54	BERM DRAINAGE OUTLET STD 850.10	24x24x15 RC PIPE TEES, CLASS III	15x15x15 RC PIPE TEES, CLASS III	18x18x18 RC PIPE TEES, CLASS III	CONVERT EXISTING DROP INLET TO JUNCTION BOX	CONVERT EXISTING DROP INLET TO CATCH BASIN	CONCRETE APRON FOR CATCH BASIN STD. 852.05	CONCRETE APRON FOR DROP INLET STD. 852.06	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
SHEET 9																																															
-L- 90 + 60	LT	135		141.60																										1				1	1												
-L- 90 + 60	LT	135	136		138.30	138.10			36																																					
-L- 90 + 95	LT	136		141.70																										1				1	1												
-L- 90 + 95	LT	136	137		138.10	137.00			16																																					
-L- 90 + 95	LT	137	140		135.75	134.90	X					212																																		
SHEET 10																																														
-L- 93 + 06	LT	140		142.77																										1	2.87		1		1												
-L- 92 + 34	CL	138		143.57																										1			1		1											1	
-L- 92 + 34	CL	138	139		141.07	140.29			72																																					
-L- 93 + 06	CL	139		144.14																										1			1		1											1	
-L- 93 + 06	CL	139	140		140.14	136.15			40																																					
-L- 93 + 06	LT	140	142		134.90	134.08	X					204																																		
-L- 95 + 16	LT	142		142.22																										1	3.14		1			1											
-L- 95 + 10	LT	141		138.80																										1				1	1												
-L- 95 + 10	LT	141	142		136.50	135.33			24																																					
-L- 95 + 16	CL	143		144.17																										1			1			1											1	
-L- 95 + 16	CL	143	142		141.07	137.07			40																																					
-L- 95 + 16	LT	142	146		134.08	133.28	X					160																																		
-L- 96 + 80	LT	146		141.27																										1	2.99		1			1											
-L- 96 + 40	LT	144		140.00																										1				1	1												
-L- 96 + 40	LT	144	145		137.70	137.10			36																																					
-L- 96 + 80	LT	145		140.25																										1				1	1												
-L- 96 + 80	LT	145	146		136.95	134.53			24																																					
-L- 96 + 80	LT	146	149		133.28	132.42	X					172																																		
-L- 98 + 55	LT	149		139.84																										1	2.42		1			1											
-L- 97 + 83	LT	147		140.20																										1				1	1												
-L- 97 + 83	LT	147	148		136.90	136.45			64																																					
-L- 98 + 55	LT	148		139.60																										1				1	1												
-L- 98 + 55	LT	148	149		136.30	133.67			24																																					
-L- 98 + 55	CL	150		141.22																										1				1	1											1	
-L- 98 + 55	CL	150	149		138.52	135.32			32																																					
-L- 98 + 55	LT	149	151		132.42	131.16						164																																		
-L- 100 + 17	LT	151		136.81																										1	0.65		1			1											
-L- 100 + 44	CL	152		138.37																										1				1	1											1	
-L- 100 + 44	CL	152	151		135.67	132.41			52																																					
-L- 100 + 17	LT	151	153		131.16	130.31						92																																		
-Y10- 12 + 75	RT	153		135.95																										1	0.64		1	1												128	REMOVE DI
-Y10- 12 + 75	RT	153	154		130.31	129.80						56																																		
-L- 101 + 53	LT	154		134.90																										1	0.10		1			1											
-L- 101 + 53	LT	154	155		129.80	125.99						240																																		
-L- 104 + 00	LT	155		130.94																										1	0.60		1			1											
-L- 104 + 00	CL	156		163.15																										1				1	1											1	
-L- 104 + 00	LT	155	OUT		125.34	122.30						68																																		
SHEET TOTALS									460			1368																		21	13.41		11	1	3	7	10	10							3	3		128	

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