

COMPUTED BY: CLB DATE: 7/22/2003  
 CHECKED BY: RDH DATE: 7/22/2003  
 RA1-D6HNJ01

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**

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

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

STATION	STRUCTURE NO.	LOCATION (L.T. OR CL)	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) SHADED BLOCK = CLASS IV R.C. PIPE								BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE)								ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')	FRAME, GRATES, AND HOOD STANDARD 840.03	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					
							12	15	18	24	30	36	42	48	12	15	18	24"	30"	36"	42"	48"													
							THICKNESS OR GAUGE	FROM	TO																						R.C.P.	C.S.P.	PER EACH (0" THRU 5.0')		LIN. FT.
<b>SHEET 14</b>																																			
-L- 146 + 05	CL	206		169.96																															
-L- 146 + 05	CL	206	207		166.86	164.22		72																											
-L- 146 + 75	CL	207		167.17																															
-L- 146 + 75	CL	207	208		164.07	163.23		44																											
-L- 146 + 75	LT	208		166.18																															
-L- 146 + 75	LT	208	OUT		163.08	146.92					60																								
-L- 150 + 50	LT	IN	210		153.62	153.49		24																											
-L- 150 + 48	LT	210		157.16																															
-L- 151 + 19	LT	212		156.92																															
-L- 151 + 19	LT	212	211		154.42	154.40		4																											
-L- 151 + 12	LT	211		156.92																															
-L- 151 + 12	LT	211	210		154.40	153.49		64																											
-L- 150 + 48	LT	210	209		153.49	153.04		72																											
-L- 150 + 40	RT	209		157.22																															
-L- 151 + 19	RT	214		156.92																															
-L- 151 + 19	RT	214	213		154.42	154.40		4																											
-L- 151 + 12	RT	213		156.92																															
-L- 151 + 12	RT	213	209		154.40	153.29		72																											
-L- 150 + 40	RT	209	OUT		153.04	141.50					48																								
-L- 154 + 48	LT	IN	215		155.76	155.58		32																											
-L- 154 + 48	LT	215		161.91																															
-L- 154 + 48	LT	215	216		155.58	155.22		72																											
-L- 154 + 48	RT	216		161.91																															
-L- 154 + 48	RT	216	OUT		155.22	148.00		48																											
<b>SHEET 15</b>																																			
-L- 159 + 68	CL	220		180.81																															
-L- 159 + 68	CL	220	219		177.71	172.11		168																											
-L- 158 + 00	CL	219		175.06																															
-L- 158 + 00	CL	219	218		171.96	169.45		76																											
-L- 157 + 25	CL	218		172.40																															
-L- 157 + 25	CL	218	217		169.30	168.43		44																											
-L- 157 + 25	RT	217		171.38																															
-L- 157 + 25	RT	217	OUT		168.28	141.00					80																								
-L- 162 + 45	RT	221		192.39																															
-L- 162 + 45	RT	221	222		189.39	188.95		44																											
-L- 162 + 60	CL	222		193.40																															
-L- 162 + 60	CL	222	223		188.95	186.57		188																											
-L- 164 + 50	CL	223		197.18																															
-L- 164 + 05	CL	223A		168.00	147.00			272																											
-L- 167 + 50	CL	225		204.08																															
-L- 167 + 50	CL	225	223		200.98	186.57		300																											
-L- 164 + 50	CL	223	224		186.42	186.22	X	40																											
-L- 164 + 50	RT	224		195.65																															
-L- 164 + 50	RT	224	OUT		186.07	150.50					100																								
<b>CLASS IV TOTALS</b>							272			20		12.60		0.76		20		4		2		14													
<b>SHEET TOTALS</b>							1120			96		152		240		48																			

**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