NC1010

COMPUTED BY:	LGC	DATE:	2/20/2002
CHECKED BY:	BDS	DATE:	5/20/2002

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT NO.	SHEET NO.
R-2911A	3-F

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200mm & 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) 300	375	450	600	750	900	1050	1200	CLASS IV R.C. PIPE 750	900	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600		800		900		375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.
SIZE																																
THICKNESS OR GAUGE																			1.63	1.63	1.63	1.63		2.01		2.01						
61+00.000	LT	99	IN		245.94	257.85														26.4												
61+00.000	L/R	99	98		245.89	246.15				40.8																						
61+00.000	LT	98		246.81																												
61+00.000	LT	99	101		245.36	241.91					220.8																					
Sheet 19																																
63+20.000	LT	101		243.36																												
63+20.000	LT	101			241.76	241.66						20.4																				
63+20.000	L/R	101	100		241.91	242.78			40.8																							
63+20.000	RT	100		243.36																												
65+48.795	L/R	104			242.51	241.35								60.0																	6.8	
Sheet 20																																
66+26.973	LT																															
66.29.357	RT																															
66+39.029	CL																															
66+48.397	L/R	105			248.00	247.80				40.8																						
67+13.187	LT																															
10+95.909 -Y10-	RT																															
10+98.885 -Y10-	RT	107																										8.4				
12+59.000 -Y10-	L/R	106			247.00	246.50							22.8																			
Sheet 21																																
72+64.199	RT																															
Sheet 22																																
72+92.478	RT																															
10+95.777-Y11-	CL																															
10+94.662-Y11-	LT																															
10+36.542 -Y11-	LT	114																											8.4			
73+56.000	LT	111		249.83																												
73+56.000	LT	111	112		248.90	249.60			18.0																							
73+73.050	LT	112		250.62																												
73+56.000	L/R	111	110		248.85	248.50				48.0																						
73+56.000	RT	110		249.68																												
73+56.000	RT	110	109		248.50	248.80				16.8																						
73+63.419	RT	109		249.80																												
73+56.000	RT	110	OUT		248.45	247.80				38.4																						
74+24.020	L/R	113			247.25	246.00					54.0																					
74+60.316	RT	115			245.00	244.80					10.8																					
74+63.364	RT																															
76+10.000	L/R	116			245.40	245.00							48.0																		2.6	
Sheet 23																																
10+38.962 -Y12-	LT	124		247.33																												
10+38.962 -Y12-	L/R	124	OUT		246.01	245.75				42.0																						
10+32.311 -Y12-	RT																															
10+38.962 -Y12-	LT	124	123		246.01	246.09			14.4																							
10+54.733 -Y12-	LT	123		248.52																												
10+54.733 -Y12-	LT	123	122		246.24	246.46			22.8																							
10+54.837 -Y12-	LT																															
10+61.449 -Y12-	RT																															
10+81.224 -Y12-	LT	122		248.42																												
10+81.224 -Y12-	LT	122	121		246.61	246.73			13.2																							
10+93.519 -Y12-	LT	121		248.40																												
SHEET TOTALS									109.2	226.8	285.6	20.4	70.8	60.0						26.4								8.4	8.4		9.4

STATION	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0 THRU 1.50)	METERS A 1.5 THRU 3.00	METERS B 3.00 AND ABOVE	"TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOODS 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. FRAME WITH GRATE STD. 840.20	M.D.I. FRAME WITH TWO GRATES STD. 840.20	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	C.B. STD. 840001 OR STD. 840002 (SHEET 2R)*	MANHOLE STD. 840.51	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54	T.B.J.B. STD. 840.34	CONCRETE APRON FOR CB STD. 852.05	CONCRETE APRON FOR DI STD. 852.06	CORR. STEEL ELBOWS NO. & SIZE 300	400	450	600	800	900	CONC. COLLARS CL. "B" M^3 STD. 840.72 450	1200	CONC. & BRICK PIPE PLUG, M^3 STD. 840.71	PIPE REMOVAL (METERS)	REMARKS
61+00.000																													1											BERM DRAINAGE OUTLET
61+00.000	1											1				1																							
61+00.000																																								
61+00.000																																								
Sheet 19																																								
63+20.000	1	0.1								1						1																							
63+20.000																																								
63+20.000	1												1			1																							
65+48.795																																								
Sheet 20																																								
66+26.973																																						9		
66.29.357																																						6		
66+39.029																																						12		
66+48.397																																								
67+13.187																																						9		
10+95.909 -Y10-																																						7		
10+98.885 -Y10-																																								
12+59.000 -Y10-																																								
Sheet 21																																								
72+64.199																																						8		
Sheet 22																																								
72+92.478																																						8		
10+95.777-Y11-																																						13		
10+94.662-Y11-																																						8		
10+36.542 -Y11-																																								
73+56.000	1											1				1																							
73+56.000																																								
73+73.050	1								1	1															1														
73+56.000																																								
73+56.000	1											1				1																							
73+56.000																																								
73+63.419	1								1	1																													
73+56.000																																								
74+24.020																																								
74+60.316																																								
74+63.364																																						7		
76+10.000																																								
Sheet 23																																								
10+38.962 -Y12-	1											1				1																							
10+38.962 -Y12-																																								
10+32.311 -Y12-																																						7		
10+38.962 -Y12-																																								
10+54.733 -Y12-	1	0.78		1		1																																		
10+54.733 -Y12-																																								
10+54.837 -Y12-																																						7		
10+61.449 -Y12-																																						18		
10+81.224 -Y12-	1	0.46		1		1																																		
10+81.224 -Y12-																																								
10+93.519 -Y12-	1	0.17		1	1																																			
SHEET TOTALS	11	1.51		3	1		2	2	2	1	4	1			6																1							119		

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