RD223169

COMPUTED BY: K. N. WASHINGTON DATE: 6/20/2005

CHECKED BY: T.F. DUNCAN, PE DATE: 6/30/2005

PROJECT NO.	SHEET NO.
B-3205	3-A

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) 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	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	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	T.B.D.I. STD. 840.35	JB STD. 840.31 OR 840.32	M.D.I. TYPE "B" STD. 840.18 OR 840.27	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
SIZE																.064	.064	.064	.064	.079		.079		.109		.109																											
THICKNESS OR GAUGE																																																					
-L-																																																					
13+24	RT	1		2413.7'	2410.9'																											1						1	1												
13+24	RT	1	3		2410.9'	2410.4'			72'																																												
13+97	RT	3		2413.7'	2410.4'																											1						1	1												
13+97	RT	2	3		2409.8'	2410.4'				16'																																										
13+97	CL	3	4		2410.4'	2411.5'				40'																																										
15+35	RT																																																		48'		
16+76	RT	5		2409.5'	2406.5'																											1						1	1												
16+76	RT	5	6		2406.5'	2405.4'				44'																																										
17+22	RT	6		2408.4'	2405.4'																											1						1	1												
17+22	RT	6	7		2405.4'	2402.2'				92'																																										
18+19	RT	7		2404.8'	2402.2'																											1					1				1											
-Y1-																																																					
11+02	CL	8	9		2413.0'	2414.0'				48'																																										
11+02	LT	9		2416.7'	2414.0'																											1						1	1												
11+51	LT	9A	10		2417.6'	2418.6'					68'																																									
11+95	LT	10		2424.1'	2418.6'																											1	0.5					1	1												
11+95	LT	10	11		2418.6'	2445.5'														44'																												1 @ 24"			52'	
13+33	RT	12		2421.8'	2418.5'																											1								1											
13+37	CL	12	13		2418.5'	2420.4'				32'																																									4'	REMOVE PORTION
13+43	LT	13		2424.4'	2420.4'																											1						1	1												
13+94	LT	13	14		2420.4'	2420.8'			100'																																											
14+45	LT	14		2423.5'	2420.8'																											1						1	1												
14+64	LT	14	15		2420.8'	2421.0'			36'																																											
PROJECT TOTAL									208'	272'	68'									44'												10	0.5'					1	8	8	1	1				1 @ 24"			104'	

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