RD212397

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U - 3302	3 - A

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

STATION / SIZE / THICKNESS OR GAUGE	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 .064	18" SIDE DRAIN PIPE .064	24" SIDE DRAIN PIPE .064	ENDWALLS STD. 838.01 STD.838.11 OR STD. 838.80 (UNLESS NOTED) 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	J.B. (STD. 840.31 OR 840.32)	M.H. FRAME AND COVER (STD. 840.54)	T.B.D.I. (STD. 840.36)	T.B.J.B. (STD. 840.34)	STEEL GRATE & FRAME (STD. 840.37)	OPEN THROAT C.B. (STD.840.04 OR 840.05)	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
9+54.25 -LPD-	RT	1		2149.40'																										1			1		1																
10+07.67 -LPD-	RT	1	2		2146.40'	2146.20'			40'																																										
10+00.11-RPD-	RT	2		2151.84'																										1	0.64'							1		1											
10+24.47-RPD-	LT	2	3		2146.20'	2146.00'			60'																																										
10+49.76-RPD-	LT	3		2149.20'																										1										1											OPEN THROAT C.B.
10+71.54-RPD-	LT	3	4		2146.00'	2143.24'			40'																																										
10+92.35-RPD-	LT	4		2151.80'																										1	3.56'						1	1													REM. EXISTING D.I.
18+77.10-Y1-	LT	5		2153.77'																										1			1			1														0.045		REM. EXIST. D.I./PLUG EXIST. 15" CMP
18+74.30-Y1-	LT	5	4		2150.77'	2143.24'			68'																																										
16+65.84-Y1-	LT																																																0.09		PLUG EXIST. 15" / REM. EXIST. D.I.
16+97.26-Y1-	LT	6		2140.51'																										1			1		1																
17+01.30-Y1-	LT	7		2141.35'	2133.55'																									1	2.80'							1		1									0.116		REM. EXIST. D.I./PLUG EXIST. 24" CMP
17+35.24-Y1-	LT																																																0.116		REM. EXIST. D.I./PLUG EXIST. 24" CMP
16+99.00-Y1-	LT	6	7		2136.76'	2133.55'																							4'																						
SHEET TOTALS									208'																				4'	7	7.00'		3		2	1	1	2	1	1	1	1								0.367		

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