COMPUTED BY: T. COVINGTON DATE: 2-9-04
CHECKED BY: B. C. KEY DATE: 2-12-04

PROJECT REFERENCE NO.	SHEET NO.
B-4139	3-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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 OTHRWISE) 12" .064	15" .064	18" .064	24" .064	24" .079	30" .079	30"	36" .109	36"	42" .109	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. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') PER EACH (0' THRU 5.0')	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. TYPE "D" STD. 840.19 OR 840.28	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	PIPE REMOVAL LIN. FT.	REMARKS
16+45 -L-	LT.	1		156.55																												1						1		1		
16+45 -L-	CL.	1	2		154.63	153.93			28																																	
16+45 -L-	RT.	2		156.68																												1							1	1		
16+60 -L-	RT.	2	OUT		153.93	152.00											24																									
16+76 -DET-	CL.	3	OUT																																						56	REMOVE TEMP. 15" CSP
20+00 -DET-	CL.	4	OUT																																						56	REMOVE TEMP. 15" CSP
22+18 -DET-	CL.	5	OUT																																						18	REMOVE 18" OF 24" RCP PLACED WITH DETOUR
PROJECT TOTALS									28								24															2					1	1	2		130	

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 JUCTION BOX

6/20/00

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