COMPUTED BY: C. POWELL DATE: 9-7-04
CHECKED BY: F.A.TUCK DATE: 9-13-04

6/21/00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-3682	3-C

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	30" .079	30" .079	36" .079	36" .109	42" .109	48" .109	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	ENDWALLS CU. YDS. 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'	LIN. FT. B: 10.0' AND ABOVE	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.27	TBDI STD. 840.35	M.D.I. FRAME WITH GRATE STD. 840.22	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	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	PREFORMED SCOUR HOLE W/LEVEL SPREADER APRON SEE SHEET 5 (26+46 & 29+09 -L-)	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
B-3682																																																			
16+00		1			18.8	18.6						44																																							20	REMOVE PIPE AT 16+14
16+43		2		22.2	18.6																									1				1		1															56	REMOVE PIPE AT 16+48
16+43		2	3		18.6	17.1						160																																							
18+00		3		20.6	17.1																									1				1		1															
18+00		3			17.1	17.1						52																																							
18+81		4																																																	44	REMOVE PIPE AT 19+01
18+92		5												92																																					
18+97		6												92																																					
19+51		7								92																																									76	REMOVE PIPE AT 19+54
26+46		8		18.7	16.0																									1					1					1											
26+46		8			16.0	12.2											32																													2				15"CS ELBOWS
29+14		9		17.2	14.5																									1					1					1											
29+14		10			14.3	11.1											32																													2				15"CS ELBOWS
29+14		9	10		14.5	14.3			32																																										
29+14		10		17.2	14.3																									1					1					1											60	REMOVE PIPE AT 33+54
34+55		11								68																																									40	REMOVE PIPE AT 34+84
34+84		12																								40																										
26+46																																																1				
29+09																																																1				
SHEET TOTAL									32	160		256		184			64								40					5				2	3		2			3								2		4			296	

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

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