

6/4/99

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DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA



PROJECT REFERENCE NO. B-3663  
 SHEET NO. 3-A

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

STATION	SIZE	THICKNESS OR GAUGE	LOCATION (L, RT, OR CL)	STRUCTURE NO.	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE)								BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) (NON COATED)*								15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	12" FUNNEL DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (.13 X COL.'B')	FRAME, GRATES AND HOOD STANDARD 840.03	TYPE OF GRATE	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. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	METAL FUNNELS (EA)	12" FUNNEL DRAIN ELBOWS	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
									12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"	30"	36"	42"	48"																								
																	.064	.064	.064	.064	.079	.079	.109	.109																								
10+85 -L-	LT	1																																			TEMPORARY, NON COATED											
11+95 -L-	RT	2																																		NON COATED, DRIVEWAY												
12+58 -L-	RT	3																																														
12+72 -L-	LT	4																																														
13+15 -L-	RT	5																																														
15+13 -L-	CL	6																																														
TOTAL																																																

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)

STATION	SIZE	THICKNESS OR GAUGE	LOCATION (L, RT, OR CL)	STRUCTURE NO.	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE)								NON COATED C.S. PIPE				STRUCTURAL PLATE PIPE			REINFORCED ENDWALLS STD. 838.40 OR STD. 838.70 (UNLESS NOTED OTHERWISE)	MASONRY DRAINAGE STRUCTURES CUBIC YARDS	TEMPORARY SANDBAG HEADWALL - S.F. (SEE DETAIL SHEET 2-I)	REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & SIZE	REINF. CONC. ELBOWS NO. & SIZE	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS											
									54"	60"	66"	72"	78"	84"	54"	60"	66"	72"	60"	66"	72"																							
																	.109	.138	.168	.138	.168	.138	.168											.138	.168									
13+17 -DET-	CL	7																																							44	TEMPORARY, NON COATED, HEADWALL LT (SEE DETAIL SHEET 2-I)		
13+26 -DET-	CL	8																																							44	TEMPORARY, NON COATED, HEADWALL RT (SEE DETAIL SHEET 2-I)		
13+35 -DET-	CL	9																																							44	TEMPORARY, NON COATED		
TOTAL																																											132	

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