COMPUTED BY: A PRIDGEN DATE: 08.22.03
CHECKED BY: DATE:

PROJECT REFERENCE NO.	SHEET NO.
R-2417BB	3-C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

| STATION / SIZE | 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" | CLASS IV R.C. PIPE (W/METHOD B INSTALLATION) 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" (0.079" THICK) .079 | | 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. | C.S.P. | QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL LF. 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 | | 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 TWO GRATES STD. 840.22 | M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 | J.B. STD. 840.31 OR 840.32 | M.D.I. FRAME WITH TWO GRATES STD. 840.20 | 6" CS PIPE CULVERT, 0.064" THICK (SPRING BOX) | SPRING BOX STD. 840.41 | M.H. FRAME & COVER STD. 840.54 | TEMP. 15" SIDE DRAIN | TEMP. 15" RCP | 36" CLASS V R.C. PIPE (W/METHOD B INSTALLATION) | MODIFIED CONCRETE FLUME | CONCRETE APRON FOR CATCH BASIN | CONCRETE APRON FOR DROP INLETS | CORR. STEEL ELBOWS NO. & SIZE | CONC. COLLARS CL. "B" C.Y. STD 840.72 | FLOWABLE FILL MATERIAL, CY | PIPE REMOVAL LIN.FT. | REMARKS |
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