COMPUTED BY:	PMW/SHB/RM	DATE:	7/29/2004
CHECKED BY:	DCK/RM	DATE:	7/29/2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2539C	3-R

RAL-R72

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200mm & UNDER)

| STATION | 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) SIZE 300 | 375 | 450 | 450 | 600 | 600 | 750 | 750 | 900 | 900 | 1050 | 1050 | 1200 | BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 400 | DUCTILE IRON PIPE, CLASS 50 (UNLESS NOTED OTHERWISE) 300 | 400 | 450 | 600 | 750 | 900 | 1050 | 1200 | 375mm SIDE DRAIN PIPE | 450mm SIDE DRAIN PIPE | 600mm SIDE DRAIN PIPE | 750mm SIDE DRAIN PIPE | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P. | C.S.P. | QUANITIES FOR DRAINAGE STRUCTURES PER EACH (0 THRU 1.50) | "TOTAL METERS FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') METERS A 1.5 THRU 3.00 | B 3.00 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 AND GRATE STD. 840.16 | T.B.D.I. STD. 840.35 OR 840.36 | T.B.D.I. FRAME AND GRATE STD. 840.37 | DRIVEWAY D.I.STD. 840.30 | DRIVEWAY GRATE & FRAME (M) | MOD. CONC. FLUME W/ CONC. DITCH FOR 750 C&G (SEE DETAIL 2-Z.) | J.B. STD. 840.31 OR 840.32 | M.H. FRAME AND COVER STD. 840.54 | D.I. NARROW FRAME AND GRATE STD. 840.13 | 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. 840.20 | M.D.I. FRAME WITH TWO GRATES STD. 840.20 | M.D.I. FRAME WITH GRATE STD. 840.22 | M.D.I. FRAME WITH TWO GRATES STD. 840.22 | M.D.I. FRAME WITH GRATE STD. 840.29 | M.D.I. FRAME WITH TWO GRATES STD. 840.29 | MOD.CONC. FLUME W/ CONC.RIP RAP DITCH FOR 200X450 CURB (SEE DETAIL 2-AA.) | MOD.CONC. FLUME W/ RIP RAP DITCH FOR 750 C&G (SEE DETAIL 2-Z.) | CORR. STEEL ELBOWS NO. & SIZE | CONC. COLLARS CL. "B" M^3 STD. 840.72 | CONC. & BRICK PIPE PLUG, M^3 STD. 840.71 | PIPE REMOVAL (METERS) | REMARKS |
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