COMPUTED BY: S. ASHLEY DATE: 06/06/02
CHECKED BY: JRH DATE: 11/10/03

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-0513A	3-A

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & 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) 300 | 375 | 450 | 600 | 750 | 900 | 1050 | 1200 | BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300 (1.63) | 400 (1.63) | 450 (1.63) | 600 (1.63) | 800 (2.01) | 900 (2.01) | CLASS IV R.C. PIPE 450 | 750 | 375mm SIDE DRAIN PIPE | 450mm SIDE DRAIN PIPE | 600mm SIDE DRAIN PIPE | ENDWALLS STD. 838.01 STD. 838.11 OR STD.838.80 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P. | ENDWALLS CU. METERS C.S.P. | QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50) | FOR DRAINAGE TOTAL M FOR PAY QUANTITY SHALL BE COL. "A" + (1.5 x COL. "B") METERS 1.50 THRU 3.00 A | METERS 3.00 AND ABOVE B | C.B. STD. 840.01 OR 840.02 | FRAME, GRATES, AND HOOD STD. 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 "D" STD. 840.19 OR 840.28 | M.D.I. TYPE "B" STD. 840.18 OR 840.27 | M.D.I. TYPE "A" STD. 840.17 OR 840.26 | M.D.I. FRAME WITH TWO GRATES STD. 840.22 | M.D.I. FRAME WITH GRATE STD. 840.22 | M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 | M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.23 | M.D.I. FRAME WITH TWO GRATES STD. 840.20 | T.B.D.I. STD. 840.35 | T.B.D.I. FRAME WITH TWO GRATES STD. 840.37 | M.H. FRAME & COVER STD. 840.54 | J.B. STD. 840.31 OR 840.32 | T.B.J.B. STD. 840.34 | REMOVE EXISTING DI | 375mm PARALLEL PIPE END SECTION | 450mm PARELLEL PIPE END SECTION | CORR. STEEL ELBOW NO. & SIZE | PREFORMED SCOUR HOLE | CONC. COLLARS, CL. "B" CM STD.840.72 | CONC. & BRICK PIPE PLUG m3 STD.840.71 | PIPE REMOVAL | REMARKS |
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