COMPUTED BY: YJA DATE: 9/14/02

CHECKED BY: TLS DATE: 2/22/04

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

METRIC

| PROJECT NO. | SHEET NO. |
|---|---|
| R-0513BB | 3-G |

RD203044

## *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 | 600 | 750 | 900 | 1050 | 1200 | BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE | 300 | 400 | 450 | 600 | | 800 | | 900 | | 1000 | | 1200 | | 375mm SIDE DRAIN PIPE | 450mm SIDE DRAIN PIPE | 750mm SIDE DRAIN PIPE | ENDWALLS STD. 838.01 STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P. | C.S.P. | QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL (m) FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS A PER EACH (0 THRU 1.50) | 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 | 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. 840.22 | 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 | TRAFFIC BEARING DI STD. 840.36 (EA) | MANHOLE STD. 840.51 | M.H. STD. 840.51 OR 840.53 | M.H. FRAME AND COVER STD. 840.54 | STL. GRATE & FRAME STD 840.37 (EA) | M.D.I. FRAME WITH GRATES STD. 840.20 | CONVERT D.I. TO J.B. | ADJUST D.I. | T.B.J.B. STD 840.34 | CONVERT J.B. TO 2GI | PREFORMED SCOUR HOLE | 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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