COMPUTED BY: RWP DATE: 2/18/2014

CHECKED BY: RSW DATE: 6/8/2014

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2603	3D-12

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

| 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 54" THICKNESS OR GAUGE | 60" | 66" | 72" | 78" | 84" | C.S. PIPE SIZE 54" THICKNESS OR GAUGE .109 | .138 | .168 | SHOP ELON-GATED .138 | .188 | 60" .138 | .168 | 66" .138 | .168 | 72" .138 | .168 | STRUCTURAL PLATE PIPE SIZE 60" THICKNESS OR GAUGE 12 | 10 | | 66" 12 | 10 | 72" 12 | 10 | | | | | REINFORCED ENDWALLS WITH R.C. - C.Y. | WITH C.S. - C.Y. | MASONRY DRAINAGE STRUCTURES CUBIC YARDS | C.B. STD. 840.01 OR 840.02 | FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E | F | G | CONCRETE TRANSITIONAL SECTION DROP INLET | CATCH BASIN | G.D.I. TYPE "A" STD. 840.17 OR 840.26 | G.D.I. TYPE "B" STD. 840.18 OR 840.27 | G.D.I. TYPE "D" STD. 840.19 OR 840.28 | J.B. STD. 840.31 OR 840.32 | SPECIAL T.B.J.B. (SEE DETAIL ON SHEET 2C-8) | SPECIAL T.B.J.B. (SEE DETAIL ON SHEET 2C-9) | | | | | G.D.I. (N.S.) FRAME WITH SAG GRATE STD. 840.24 | G.D.I. (N.S.) FRAME WITH TWO SAG GRATES STD. 840.24 | G.D.I. (N.S.) FRAME WITH TWO FLAT GRATES STD. 840.29 | FRAME WITH GRATES, DRIVEWAY DROP INLET, STD. 840.30 | MANHOLE FRAME AND COVER STD. 840.54 | TEMPORARY 1" STEEL COVER (SEE DETAIL ON SHEET 2C-10) | | PREFORMED SCOUR HOLE | | BERM DRAINAGE OUTLET (SY) STD. 850.10 OR 850.11 | CONVERT EXIST. D.I. TO J.B. w/ MH (SEE DETAIL ON SHEET 2C-4) | | | ADJUST EXIST. C.B. | ADJUST EXIST. D.I. | FLOWABLE FILL (CY) | CORR. STEEL PIPE ELBOWS - NO. & SIZE (INCHES) | CONC. & BRICK PIPE PLUG (C.Y.) STD. 840.71 | CONC. COLLARS CL. "B" C.Y. STD. 840.72 | PIPE REMOVAL LIN. FT. | REMARKS |
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