COMPUTED BY:	ADS	DATE:	3/20/2015
CHECKED BY:	SHB	DATE:	9/29/2015

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2409C	3D-4

NC10481

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.

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) 54" | 60" | 66" | 72" | 78" | 84" | | | C.S. PIPE 54" .109 | 54" .138 | 54" .168 | 54" SHOP ELON-GATED .138 | 54" SHOP ELON-GATED .168 | 60" .138 | 60" .168 | 66" .138 | 66" .168 | 72" .138 | 72" .168 | | CLASS IV R.C. PIPE (UNLESS NOTED OTHERWISE) 54" | 60" | 66" | 72" | 78" | 84" | | REINFORCED ENDWALLS WITH R.C. - C.Y. | REINFORCED ENDWALLS WITH C.S. - C.Y. | MASONRY DRAINAGE STRUCTURES CUBIC YARDS | C.B. STD. 840.03 OR 840.02 | QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0') | LIN. FT. A 5.0' THRU 10.0' | LIN. FT. B 10.0' AND ABOVE | *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') | FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E | F | G | | CONCRETE TRANSITIONAL SECTION DROP INLET | CATCH BASIN | | | | TBJB W/ INVERT SCOUR PROTECTION & MH; SEE SPECIAL DETAIL SHEET 2C-1 | JB W/ MH; SEE SPECIAL DETAIL SHEET 2C-2 | M.H. FRAME AND COVER STD. 840.54 | | | REINF. CONC. FLARED END SECTIONS NO. & SIZE | CORR. STEEL FLARED END SECTIONS NO. & Size | CORR. STEEL ELBOWS NO. & SIZE | CONC. COLLARS CL. "B" C.Y. STD. 840.72 | | PIPE REMOVAL LIN. FT. | REMARKS |
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