Docusign Envelope ID: 34D4B183-73DA-41C9-951F-2A382C571DEB

PROJECT NO.	SHEET NO.
18314.1075011	3D-1

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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".

COMPUTED BY: Rusty Lassiter DATE: 9/11/2025
CHECKED BY: Jay Twisdale, PE DATE: 12/4/2025

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

| STATION | OFFSET | STRUCTURE NO. FROM | STRUCTURE NO. TO | TOP ELEVATION FT | INVERT ELEVATION FT | INVERT ELEVATION FT | MINIMUM REQUIRED SLOPE % | Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE 12 | 15 | 18 | 24 | 30 | 36 | 42 | 48 | DO NOT USE RCP | DO NOT USE CSP | DO NOT USE CAAP | DO NOT USE HDPE | DO NOT USE PVC | C.S.Pipe SIZE 12 | 15 | 18 | 24 | 15 | 18 | 24 | 30 | 36 | 15 | 18 | 24 | 30 | 36 | 42 | 48 | R.C. PIPE CLASS III 12 | 15 | 18 | 24 | R.C. PIPE CLASS IV 15 | 18 | 24 | 30 | 36 | 42 | ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CY | REINFORCED ENDWALLS CY | QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') A 0' THRU 5' EACH | B 5' THRU 10' LIN.FT | 10' AND ABOVE LIN.FT | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E | F | G | CONCRETE TRANSITIONAL SECTION DROP INLET | CATCH BASIN | D.I. STD. 840.17 OR STD. 840.18 | G.D.I.(N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29 | FLOWABLE FILL CY | CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71 CY | CONC. COLLARS CL. "B" C.Y. STD. 840.72 CY | PIPE REMOVAL LIN. FT. LIN.FT | REMARKS |
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