COMPUTED BY: DLH	DATE: 12/5/2016
CHECKED BY: DON	DATE: 1/3/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-5755	3-B

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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".

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

| STATION | LOCATION (LT, RT, OR CL) | STRUCTURE NO. FROM | STRUCTURE NO. TO | TOP ELEVATION | INVERT ELEVATION | INVERT ELEVATION | SLOPE CRITICAL | 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 | CS.PIPE | 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | R.C.PIPE CLASS III | 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | R.C.PIPE CLASS IV | 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | ***R.C.PIPE (CLASS V) | ****RC PPE CULVERTS, CONTRACTOR DESIGN | ****RC PPE CULVERTS, CONTRACTOR DESIGN | 15" SIDE DRAIN PIPE | 18" SIDE DRAIN PIPE | ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P. | CU. YARDS C.S.P. | QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL LF. FOR PAY QUANTITY SHALL BE (COL. A + (1.3 X COL. B)) PER EACH (0' THRU 5.0') | LIN. FT. A: 5.0' THRU 10.0' | LIN. FT. B: 10.0' AND ABOVE | C.B. STD. 840.01 OR STD. 840.02 | OPEN THROAT C.B. STD. 840.04 OR 840.05 | FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E | F | G | CONCRETE TRANSITIONAL SECTION DROP INLET | CATCH BASIN | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME WITH TWO GRATES STD. 840.16 | 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 | G.D.I. FRAME WITH TWO SAG GRATES STD. 840.20 | G.D.I. FRAME WITH TWO FLAT GRATES STD. 840.22 | 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 | T.B. G.D.I. STD. 840.35 | J.B. STD. 840.31 OR 840.32 | T.B. J.B. STD. 840.34 | M.H. FRAME AND COVER STD. 840.54 | G.D. STEEL FRAME WITH TWO GRATES STD. 840.37 | PREFORMED SCOUR HOLE (SEE DETAIL IN SHEET 5) | DRAINAGE PIPE ELBOWS NO. & SIZE | FLOWABLE FILL, C.Y. | CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71 | PIPE REMOVAL LIN. FT. | REMARKS |
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