RAL-GTPH6L3

COMPUTED BY:	CGM	DATE:	08/26/2024
CHECKED BY:	JJM	DATE:	08/26/2024

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-5726	3D-5

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)

| LINE & STATION / SIZE / THICKNESS OR GAUGE | OFFSET | STRUCTURE NUMBER FROM | STRUCTURE NUMBER TO | TOP ELEVATION FT. | INVERT ELEVATION FT. | INVERT ELEVATION FT. | MINIMUM REQUIRED SLOPE % | Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC) 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 | R. C. PIPE CLASS III 15 | 18 | 24 | 30 | 36 | R. C. PIPE CLASS IV 15 | 18 | 24 | 30 | 36 | 42 | 48 | R. C. PIPE CLASS V 24 | 30 | 36 | 42 | 48 | 24" WELDED STEEL PIPE 0.25" THICK 50% IN SOIL, 50% NOT IN SOIL | 30" WELDED STEEL PIPE 0.375" THICK IN SOIL | 30" WELDED STEEL PIPE 0.375" THICK NOT IN SOIL | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY | REINFORCED ENDWALLS CY | DRAINAGE STRUCTURE MASONRY CY | QUANTITIES FOR DRAINAGE STRUCTURES (NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)) A: 0' THRU 5' EACH | B: 5' THRU 10' LIN. FT. | B: 10' AND ABOVE LIN. FT. | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E | F | G | CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06 | C.B. STD. 852.05 | OPEN THROAT C.B. STD. 840.04 OR STD. 840.05 | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME AND GRATES STD. 840.16 | G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26 | G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27 | G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28 | G.D.I.(W.S. FLAT)FRAME W GRATE STD. 840.20 | G.D.I.(W.S. FLAT) FR W/2 GRATES STD. 840.20 | G.D.I. (W.S. SAG) FR W/ GRATE STD. 840.22 | G.D.I.(W.S. SAG) FR W/ 2 GRATES STD. 840.22 | G.D.I. (N.S. FLAT) FR W/ GRATE STD. 840.29 | G.D.I.(N.S. FLAT) FR W/2 GRATES STD. 840.29 | J.B. STD. 840.31 OR STD. 840.32 | ANGLED VANE GRATES & FRAMES STD. 840.33 | T.B.J.B. STD. 840.34 | M.H. STD. 840.51, STD. 840.52, OR STD. 840.53 | M.H. FRAME AND COVER STD. 840.54 | CONV. EXIST. CB TO JB(SEE DETAIL SHEET 2C-11) | CONV. EXIST. CB TO DI(SEE DETAIL SHEET 2C-12) | CONVERT EXISTING D.I. TO J.B. | CONVERT EXISTING J.B. TO D.I. | BASIN OUTLET STR. (SEE DETAIL SHEET 2D-3) | TEMPORARY STEEL COVERS | FLOWABLE FILL CY | PIPE CLEAN OUT EA | CONCRETE / BRICK PIPE PLUG STD. 840.71 CY | PIPE REMOVAL LIN. FT. | REMARKS |
|---|---|---|---