

CARYLAPHILLIPS

COMPUTED BY: William M. Hines DATE: 2/15/16  
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PROJECT NO. U-3109A SHEET NO. 3D-18

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".

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

Table with columns: LINE & STATION, OFFSET, STRUCTURE NUMBER, TOP ELEVATION, INVERT ELEVATION, MINIMUM REQUIRED SLOPE, Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC), C. S. PIPE, R. C. PIPE CLASS III, R. C. PIPE CLASS IV, REINFORCED ENDWALLS, QUANTITIES FOR DRAINAGE STRUCTURES, FRAME, GRATES, AND HOOD, CONCRETE TRANSITIONAL SECTION, OPEN THROAT C.B. STD., CONCRETE BRIDGE APPROACH D.I. STD., D.I. STD., D.I. FRAME AND GRATES STD., G.D.I. TYPE "A" STD., G.D.I. TYPE "B" STD., G.D.I. TYPE "D" STD., G.D.I. (W.S. FLAT) FRAME WITH GRATE STD., G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD., G.D.I. (N.S. SAG) FRAME W/ GRATE STD., G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD., G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD., M.H. FRAME AND COVER STD., FRAME W/ GRATE FOR DRIVEWAY STD., ANGLED VANIE GRATES AND FRAMES STD., T.B.D.I. STD., T.B.D.I. FOR STEEL GRATES STD., STEEL FRAME WITH TWO GRATES STD., TEMP STEEL PLATE COVER MASONRY DRAINAGE, FLOWABLE FILL, CONCRETE COLLARS CL. "B" STD., CONCRETE AND BRICK PIPE PLUG STD., PIPE REMOVAL, REMARKS.

ABBREVIATIONS  
C.A.A. CORRUGATED ALUMINIUM ALLOY  
C.B. CATCH BASIN  
C.S. CORRUGATED STEEL  
D.I. DROP INLET  
G.D.I. GRATED DROP INLET  
H.D.P.E. HIGH DENSITY POLYETHYLENE  
J.B. JUNCTION BOX  
M.H. MANHOLE  
N.S. NARROW SLOT  
P.V.C. POLYVINYL CHLORIDE  
R.C. REINFORCED CONCRETE  
T.B.D.I. TRAFFIC BEARING DROP INLET  
T.B.J.B. TRAFFIC BEARING JUNCTION BOX  
W.S. WIDE SLOT

SHEET TOTALS  
PROJECT TOTALS