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F.A. PROJECT NO. STP-0221 (39)

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS. FOR CULVERT DIVERSION DETAILS AND PAY ITEM, SEE EROSION CONTROL PLANS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

AFTER SERVING AS A TEMPORARY STRUCTURE, THE EXISTING DOUBLE 9'X 6' REINFORCED CONCRETE BOX CULVERT SHALL BE REMOVED.

TRAFFIC ON US 221 SHALL BE MAINTAINED. IN ORDER TO MAINTAIN TRAFFIC THE CULVERT SHALL BE CONSTRUCTED IN SECTIONS AS DIRECTED BY THE ENGINEER.

STEEL IN THE BOTTOM SLAB MAY BE SPLICED AT THE PERMITTED CONSTRUCTION JOINT AT THE CONTRACTOR'S OPTION.EXTRA WEIGHT OF STEEL DUE TO THE SPLICES WILL BE PAID FOR BY THE CONTRACTOR.

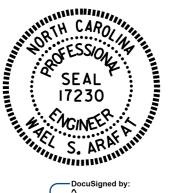
THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED. THE BARS FROM WHICH THE SAMPLES ARE TAKEN MUST THEN BE SPLICED WITH REPLACEMENT BARS OF THE SIZE AND LENGTH OF THE SAMPLE, PLUS A MINIMUM LAP SPLICE OF THIRTY BAR DIAMETERS. PAYMENT FOR THE SAMPLES OF REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

TOTAL STRUCTURE QUANTITIES
CLASS A CONCRETE STAGE I 104.5 C.Y. STAGE II 132.3 C.Y. TOTAL236.8 C.Y.
REINFORCING STEEL STAGE I11,889 LBS. STAGE II15,736 LBS. TOTAL27,625 LBS.
CULVERT EXCAVATION LUMP SUM
FOUNDATION COND.MAT'L STAGE I 88 TONS STAGE II 114 TONS TOTAL202 TONS
REMOVAL OF EXISTING STRUCTURE LUMP SUM

PROJE				<u>-2915</u>		
WATAUGA/ASHE COUNTY						
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<u>SHEET 1 C</u>	F 9		REPLACE	ES BRIDGE	No.374	
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						
DOUBLE 9'-0'' X 6'-0'' CONCRETE BOX CULVERT						
	REVISIONS					
NO. BY:	DATE:	N0.	BY:	DATE:	C-1 TOTAL	
1		3 A			SHEETS	



Wael Orafat 4139C12A32AB406 7/23/2015