

DRAWN BY :		.AYNE	DAIE :	4/21/16	
CHECKED BY :	V.A. PA	TEL	DATE :	6/26/16	
DESIGN ENGINEER OF	RECORD: _	N'DAIUTO	DATE :	3/1/16	

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MATERIAL													
; ;	PDA TESTING	SID INSPECTIONS		SPT TESTIN	CSL NG TESTING		EINFORCED CONCRETE DECK SLAB		GROOVING BRIDGE FLOORS	(	CLASS A CONCRETE		
	EACH	EACH		EACH	EACH		SQ.FT. SQ.FT.		SQ.FT.	CU. YDS.			
							7,853		8,433				
											34.4		
											21.0		
											21.1		
											34.4		
	1		1	1	1		7,853		8,433		110.9		
EEL LE NT	. CONC BAR S RA	CRETE RIER AIL	CLAS	RAP S II THICK)	GEOTEXTI FOR DRAINAG		ELASTOME BEARING		ASBESTO ACCESSME				
СН	LIN	.FT.	Т	ON	SQ. YDS.	I	LUMP SU	М	LUMP SU	М			
	359	9.83					LUMP SU	М					
3			6	65	745								
3			3	70	415								
6	359.83		1.035		1,160		LUMP SU	М	LUMP SU	М			

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.

THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.

THE EXISTING STRUCTURE CONSISTING OF 3 SPANS (1 @ 39.5', 1 @ 40.0' AND 1 @ 39.5') WITH REINFORCED CONCRETE DECK GIRDERS WITH A CLEAR ROADWAY WIDTH OF 26.0' ON FULL HEIGHT REINFORCED CONCRETE ABUTMENTS AND REINFORCED CONCRETE POST AND WEB INTERIOR BENTS AND LOCATED UPSTREAM FROM PROPOSED STRUCTURE SHALL BE REMOVED. THE EXISTING BRIDGE IS PRESENTLY POSTED FOR LOAD LIMIT. SHOULD THE STRUCTURAL INTEGRITY OF THE BRIDGE DETERIORATE DURING CONSTRUCTION OF THE PROPOSED BRIDGE, A LOAD LIMIT MAY BE POSTED AND MAY BE REDUCED AS FOUND NECESSARY DURING THE LIFE OF THE PROJECT.

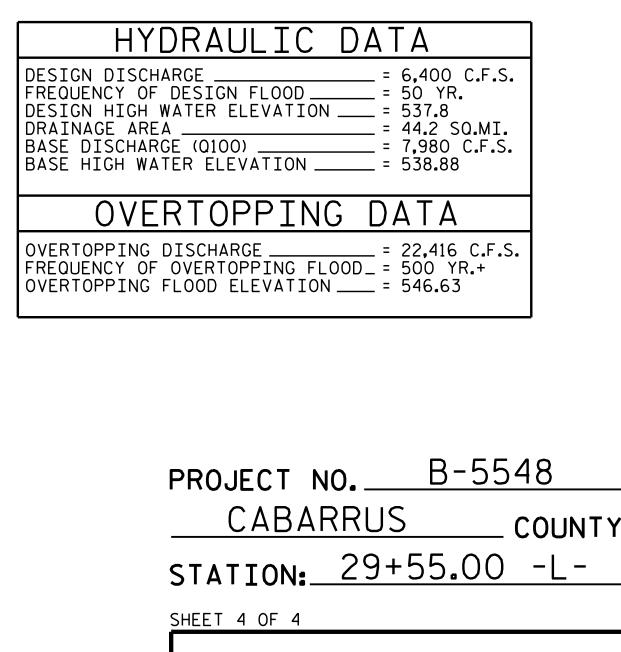
THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

REMOVAL OF THE EXISTING BRIDGE SHALL BE PERFORMED IN A MANNER THAT PREVENTS DEBRIS FROM FALLING INTO THE WATER. THE CONTRACTOR SHALL SUBMIT DEMOLITION PLANS FOR REVIEW AND REMOVE THE BRIDGE IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS.

THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES".

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH ESSION GENERAL DRAWING SEAL 039349 FOR BRIDGE OVER **ACINE** DUTCH BUFFALO CREEK ON NC 49 BETWEEN SR 1006 AND SR 2444 DocuSigned by Jeremy McCarthi 11/18/2016 SHEET NO REVISIONS S-4 DATE: DATE: BY: NO. BY: DOCUMENT NOT CONSIDERED TOTAL SHEETS FINAL UNLESS ALL SIGNATURES COMPLETED 30