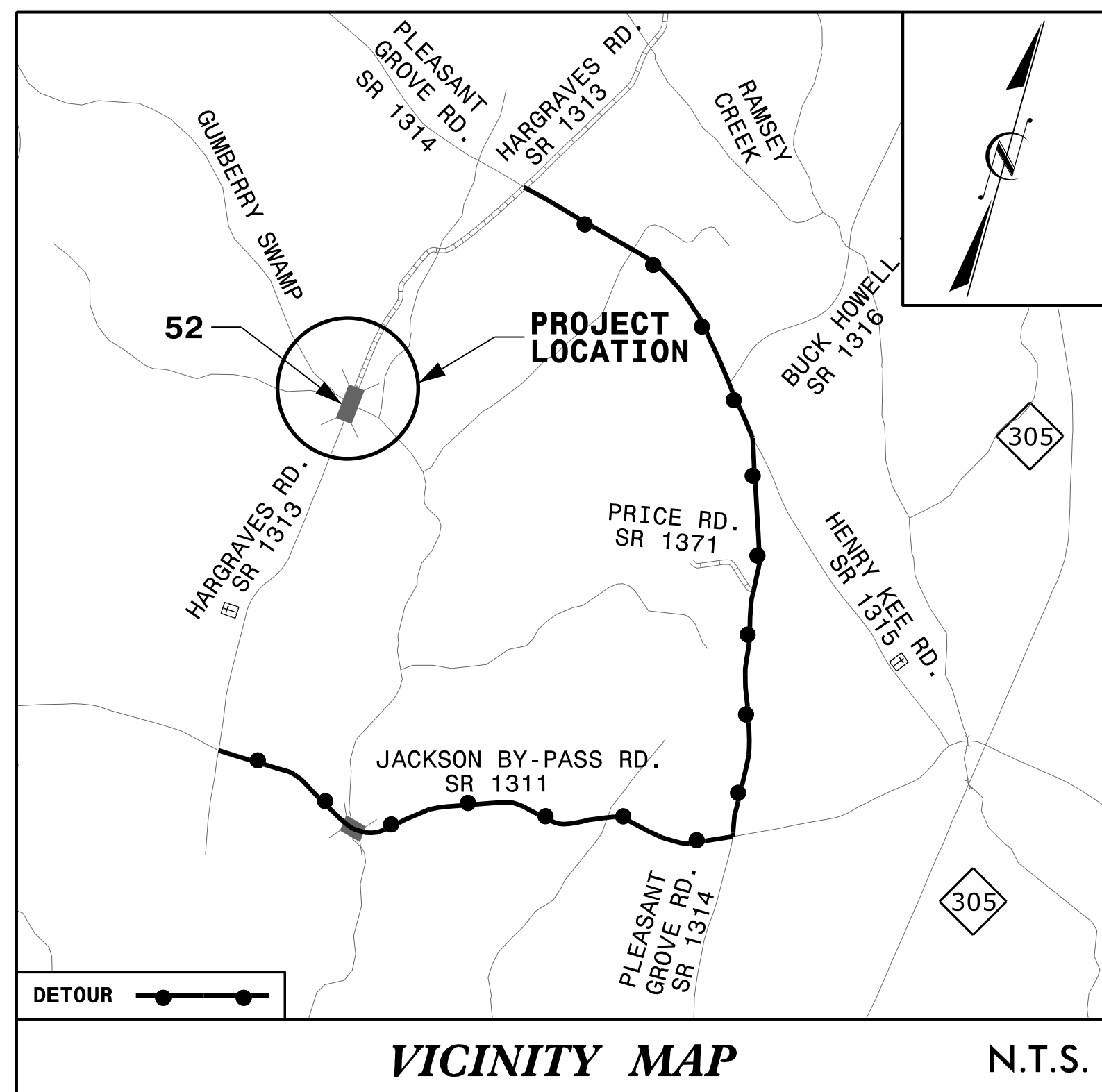


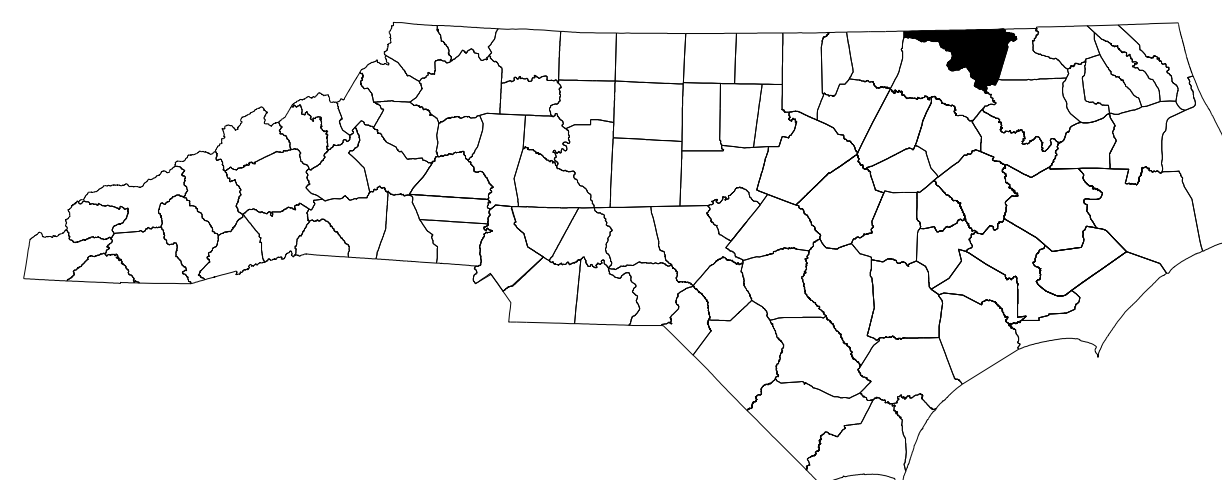
**TIP PROJECT: BR-0117**



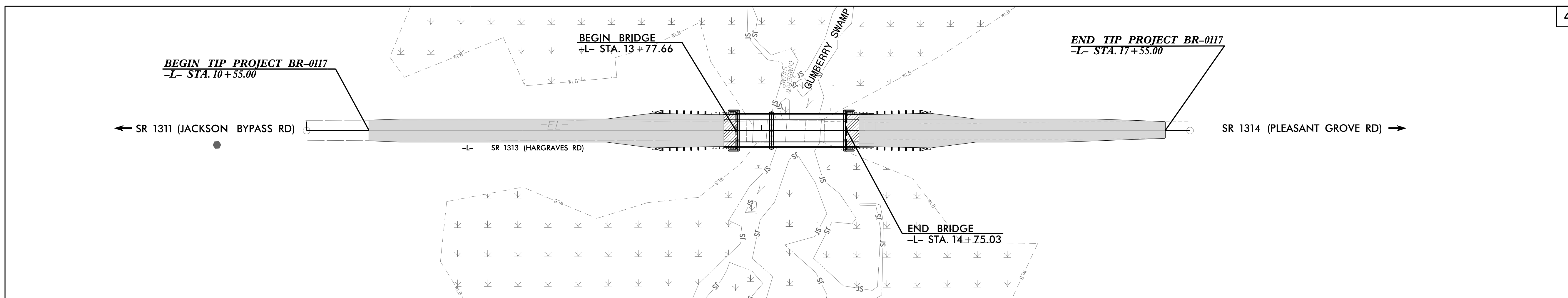
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**NORTHAMPTON COUNTY**

**LOCATION: BRIDGE 650052 ON SR 1313 (HARGRAVES RD)  
OVER GUMBERRY SWAMP**

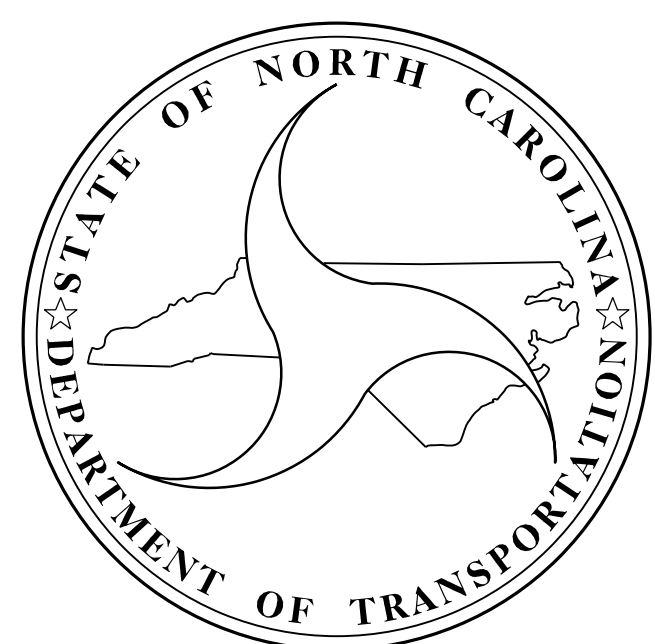
**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE**



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	<b>BR-0117</b>	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48826.1.1	-	P.E.	
48826.2.1	-	R/W, UTILITIES	
48826.3.1	2020001	CONST.	



**STRUCTURES**



**DESIGN DATA**

ADT (2020) = 70  
 T = 6 % \*  
 V = 55 MPH  
 \* (TTST 3 %, DUAL 3 %)  
 FUNC CLASS = LOCAL RURAL  
 SUB-REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT BR-0117 = 0.115 MILES  
 LENGTH STRUCTURE TIP PROJECT BR-0117 = 0.118 MILES  
 TOTAL LENGTH TIP PROJECT BR-0117 = 0.133 MILES

2018 STANDARD SPECIFICATIONS

LETTING DATE :

NOVEMBER 17, 2020

Prepared In the Office of:

**KCA** 301 FAYETTEVILLE ST., SUITE 1500  
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**JACOB H. DUKE, PE**  
 PROJECT ENGINEER

**DIEGO A. AGUIRRE, PE**  
 PROJECT DESIGN ENGINEER