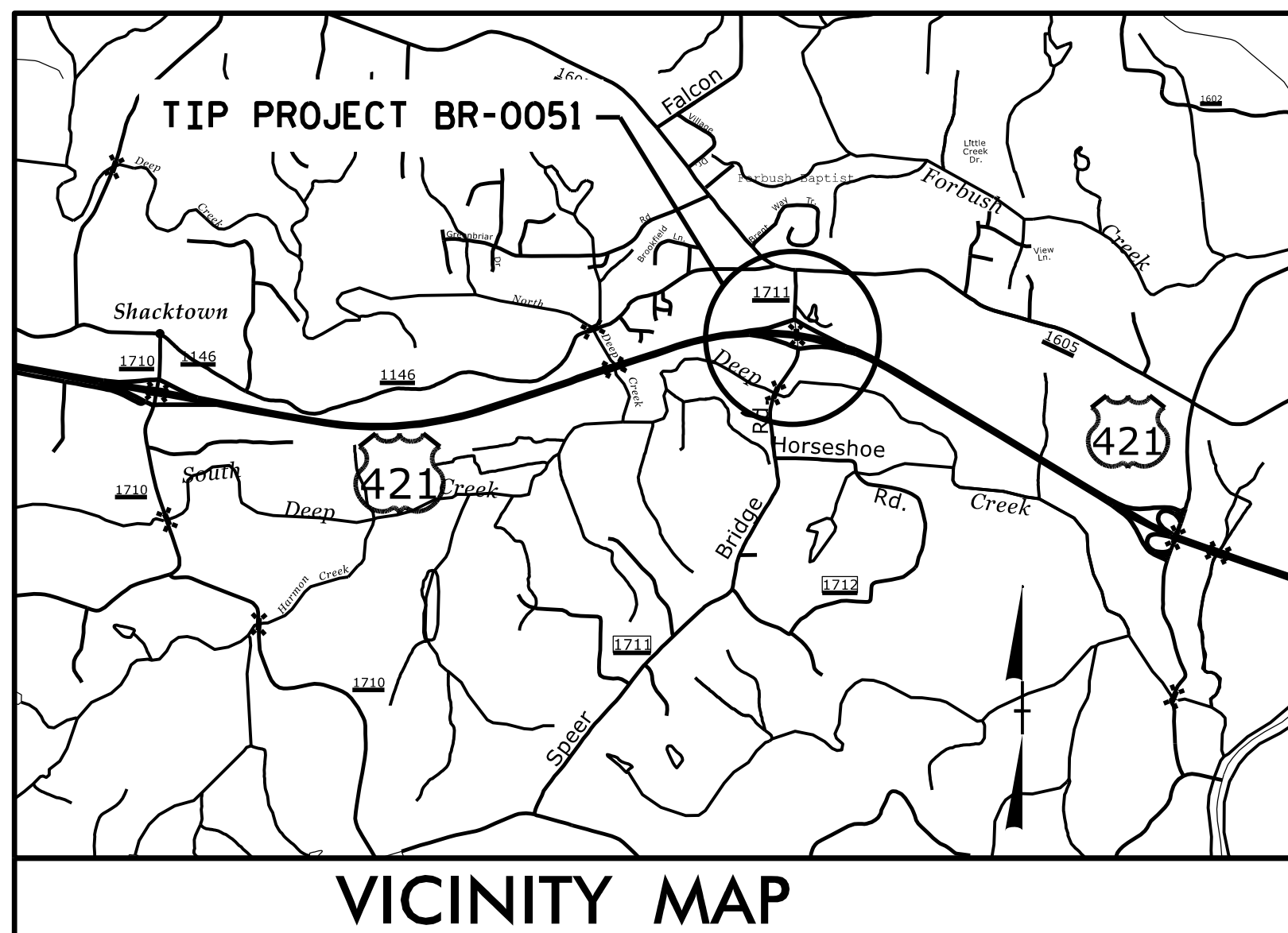


**TIP PROJECT: BR-0051**

**CONTRACT: C204493**

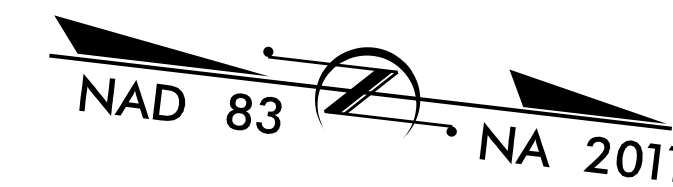
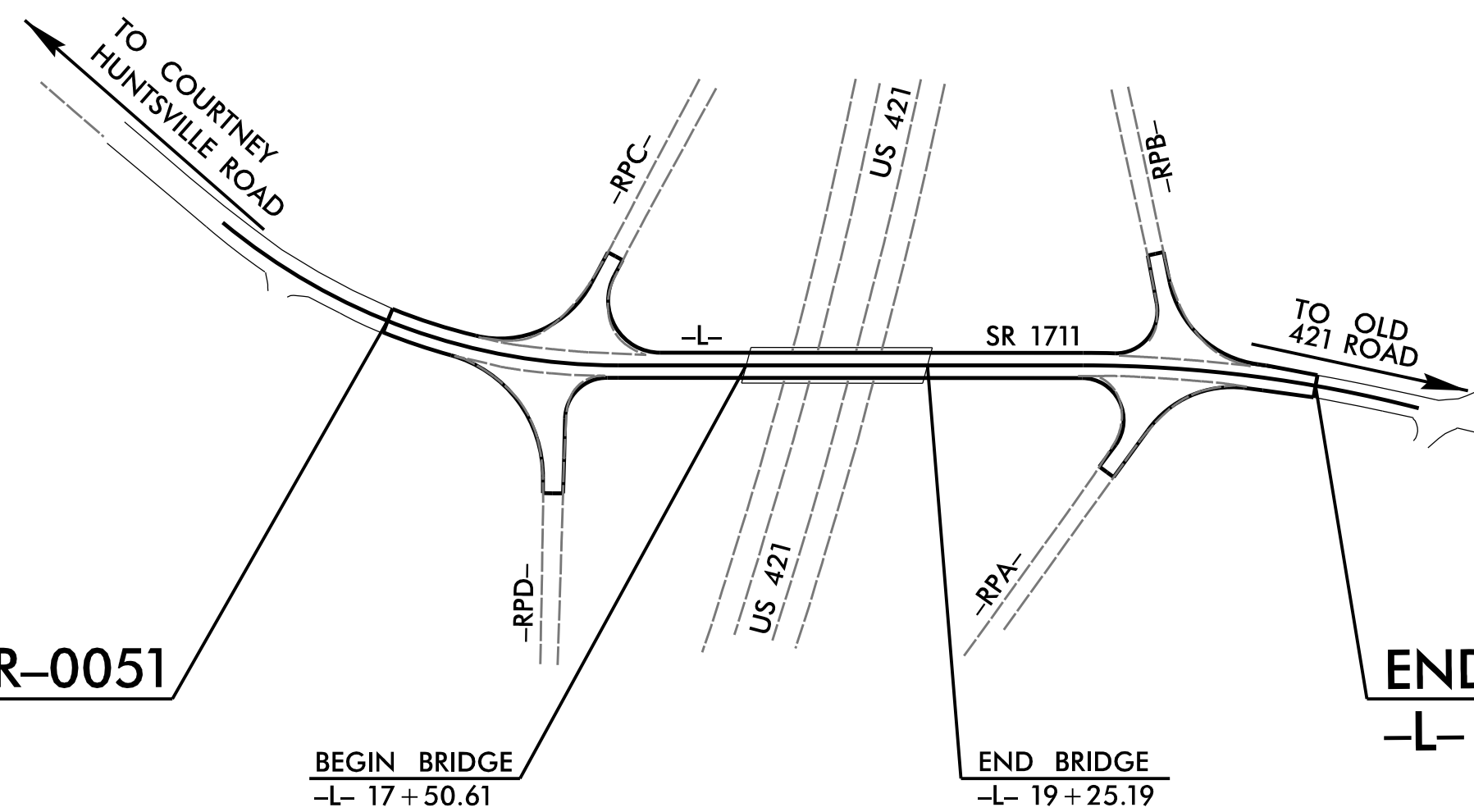
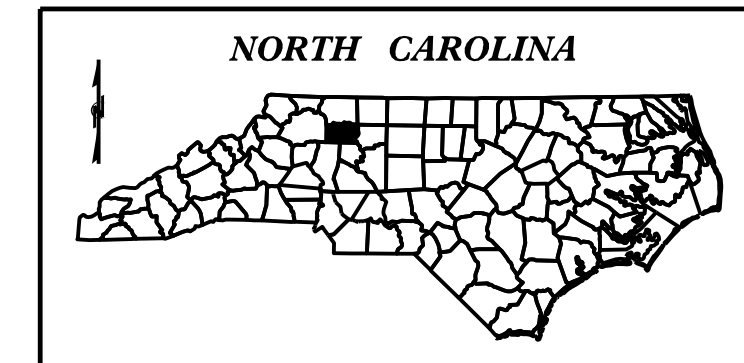


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

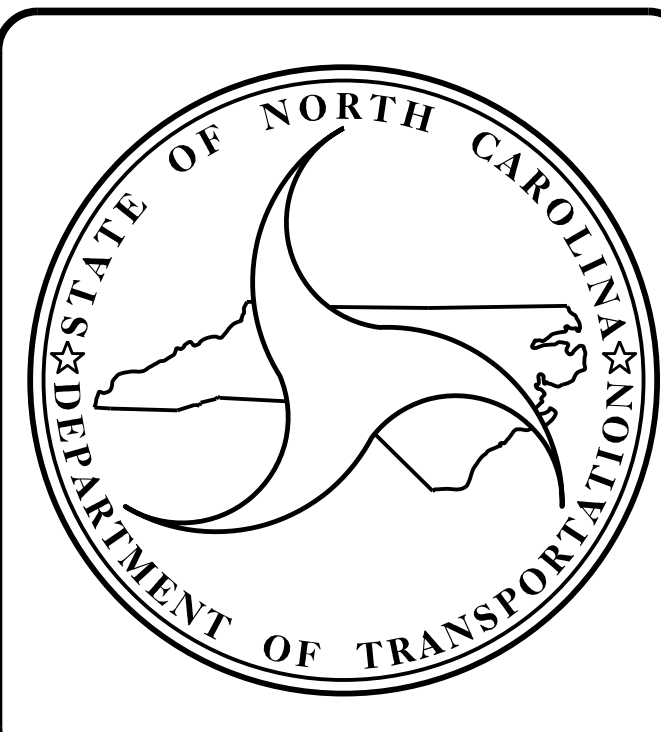
**YADKIN COUNTY**

**LOCATION: BRIDGE #90 ON SR 1711 (SPEER BRIDGE ROAD) OVER US 421**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0051	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
67051.1.1	-	P.E.	
67051.2.1	-	R / W	
67051.3.1		CONST.	



**STRUCTURE**



**DESIGN DATA**  
 ADT 2020 = 3,218  
 ADT 2040 = 3,400  
 K = 10%  
 D = 65%  
 T = 3%\*  
 V = 60 MPH  
 \* TTST = 1% DUAL 2%  
 FUNC CLASS =  
 MINOR COLLECTOR  
 SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT BR-0051 = 0.137 MILES  
 LENGTH OF STRUCTURE TIP PROJECT BR-0051 = 0.033 MILES  
 TOTAL LENGTH OF TIP PROJECT BR-0051 = 0.170 MILES

Prepared In the Office of:  
**DIVISION OF HIGHWAYS**  
 STRUCTURES MANAGEMENT UNIT  
 1000 BIRCH RIDGE DR.  
 RALEIGH, N.C. 27610

2018 STANDARD SPECIFICATIONS

LETTING DATE : JUNE 21, 2022

ADAM A. COLE  
PROJECT ENGINEER

AMBER M. LEE, P.E.  
PROJECT DESIGN ENGINEER