

25-MAY-2022 14:54  
 N:\DOW\60\08\39-05 BR-0109 NCDOT YADKIN 80 OVER UT FARMERS CREEK\Structures\03\_100 Percent\CADD DGNs\Structures\400\_001\_BR0109\_SMU\_TSH\_000.dgn  
 \$\$\$USERNAME\$\$\$

**TIP PROJECT: BR-0109**  
  
**CONTRACT: C204538**

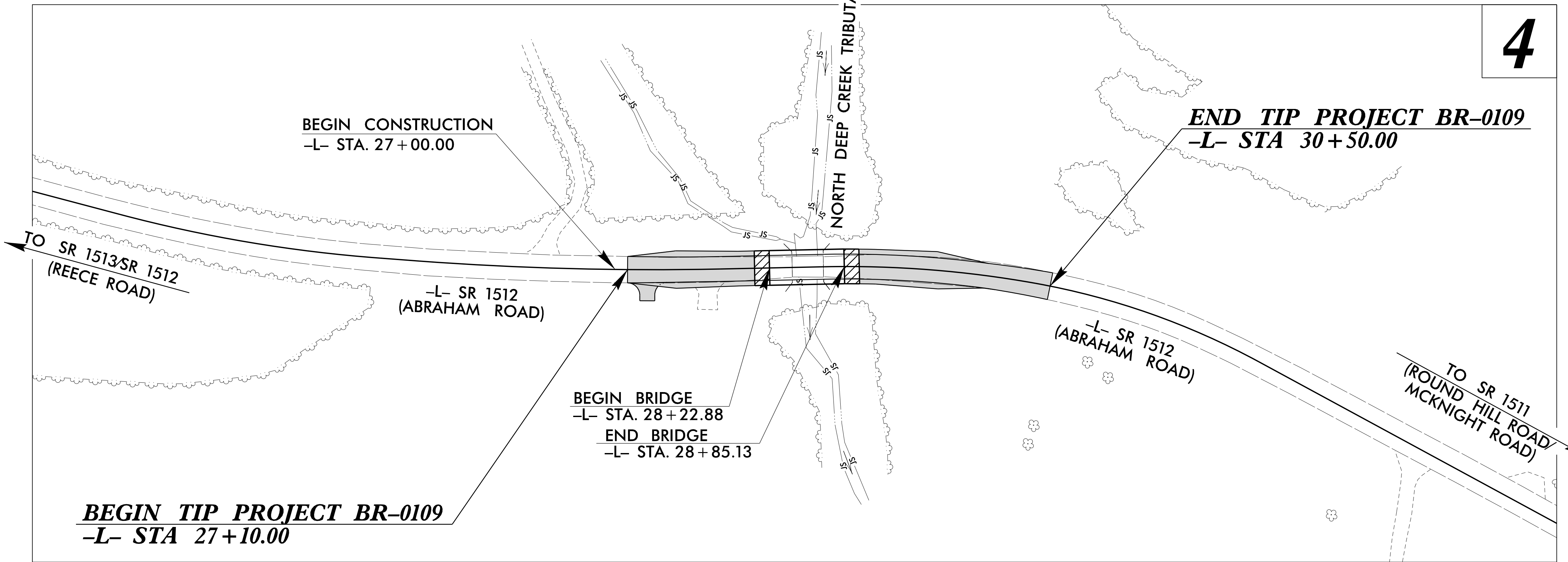
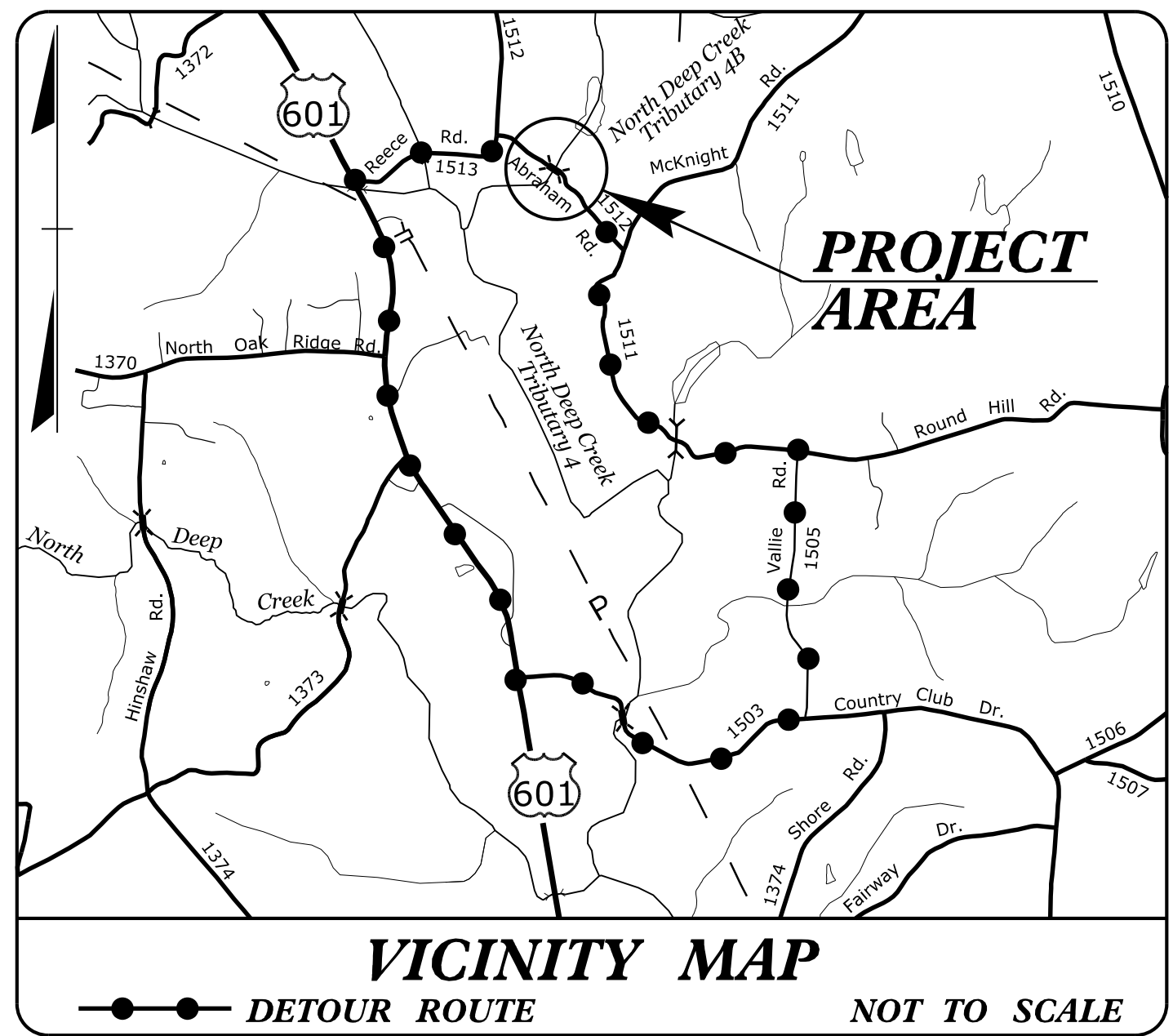
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# YADKIN COUNTY

**LOCATION: REPLACE BRIDGE NO. 80 ON SR 1512 (ABRAHAM RD.)  
OVER NORTH DEEP CREEK TRIBUTARY 4B**

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

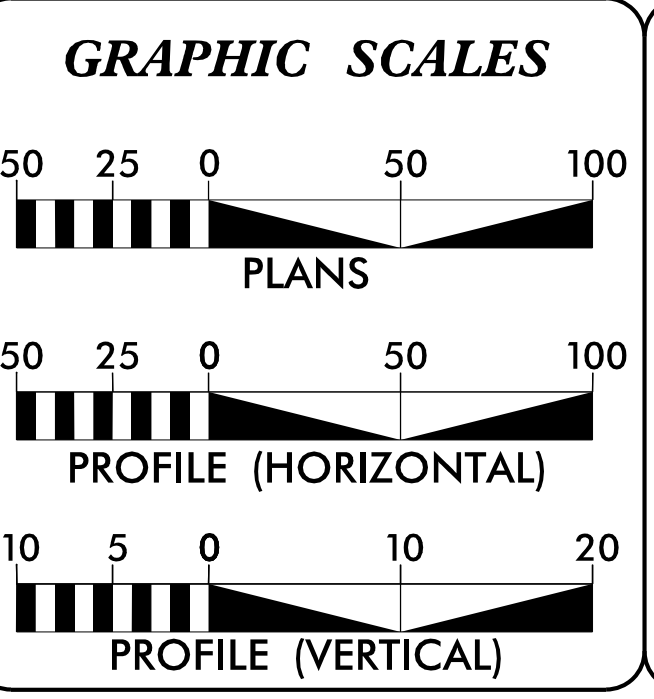
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0109		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49217.1.1		PE	
49217.2.1		R/W & UTIL.	
49217.3.1		CONST.	



## STRUCTURE

DESIGN EXCEPTION FOR SAG VERTICAL CURVE K VALUE AND NIGHTTIME VERTICAL SSD.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2015 =	440
ADT 2040 =	880
V = 55 MPH	
FUNC CLASS =	RURAL LOCAL SUB-REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY PROJECT BR-0109	=	0.052 MILES
LENGTH STRUCTURE PROJECT BR-0109	=	0.012 MILES
TOTAL LENGTH PROJECT BR-0109	=	0.064 MILES

Plans Prepared By:

ms consultants, inc.  
544 Wade Park Blvd.  
Suite 100  
Raleigh, NC 27607  
NC License Number - C-3239

2018 STANDARD SPECIFICATIONS

LETTING DATE:  
JULY 19, 2022

Plans Prepared For:

NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
1000 BIRCH RIDGE DRIVE  
RALEIGH, NC 27610

