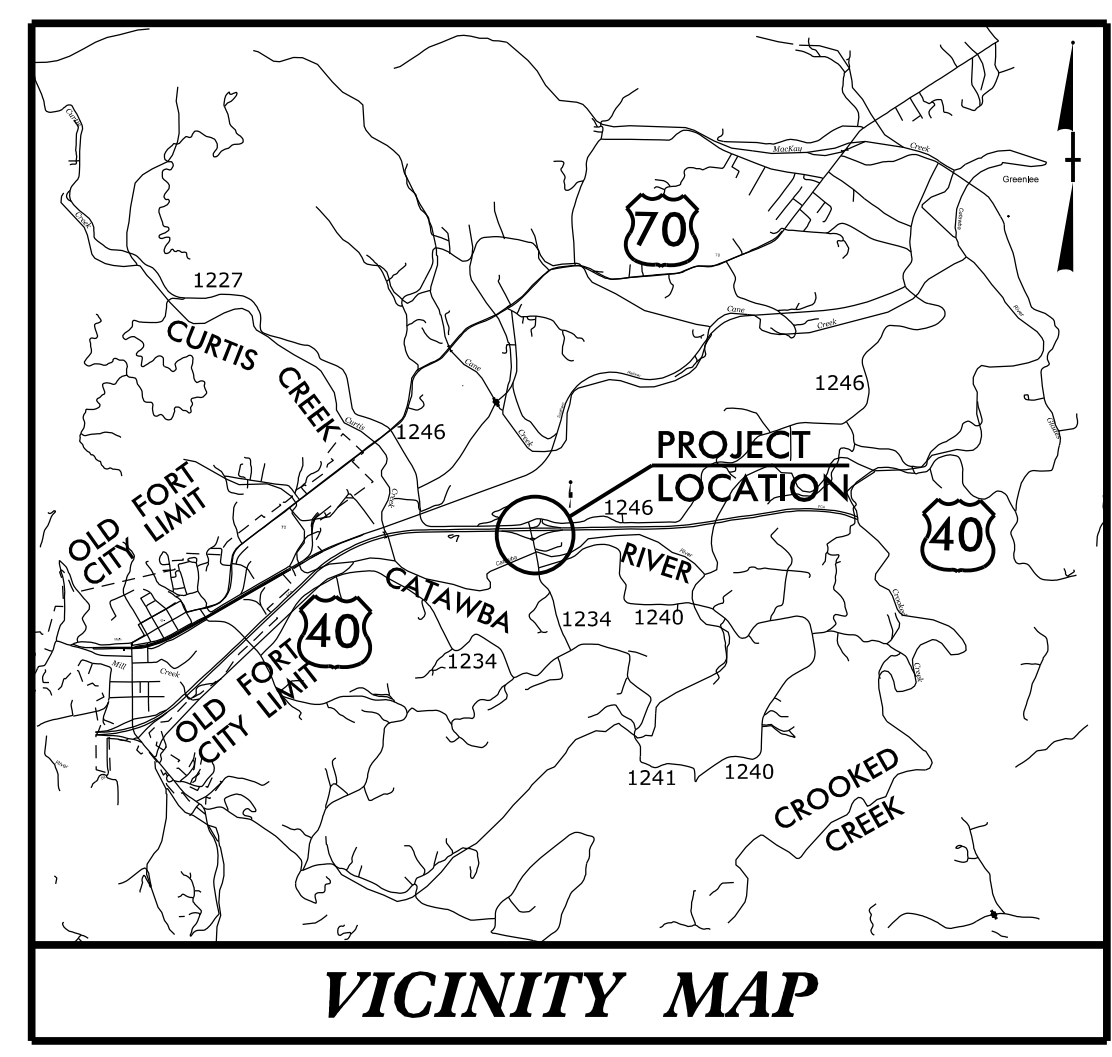


**CONTRACT: C204672 TIP PROJECT: BR-0033**



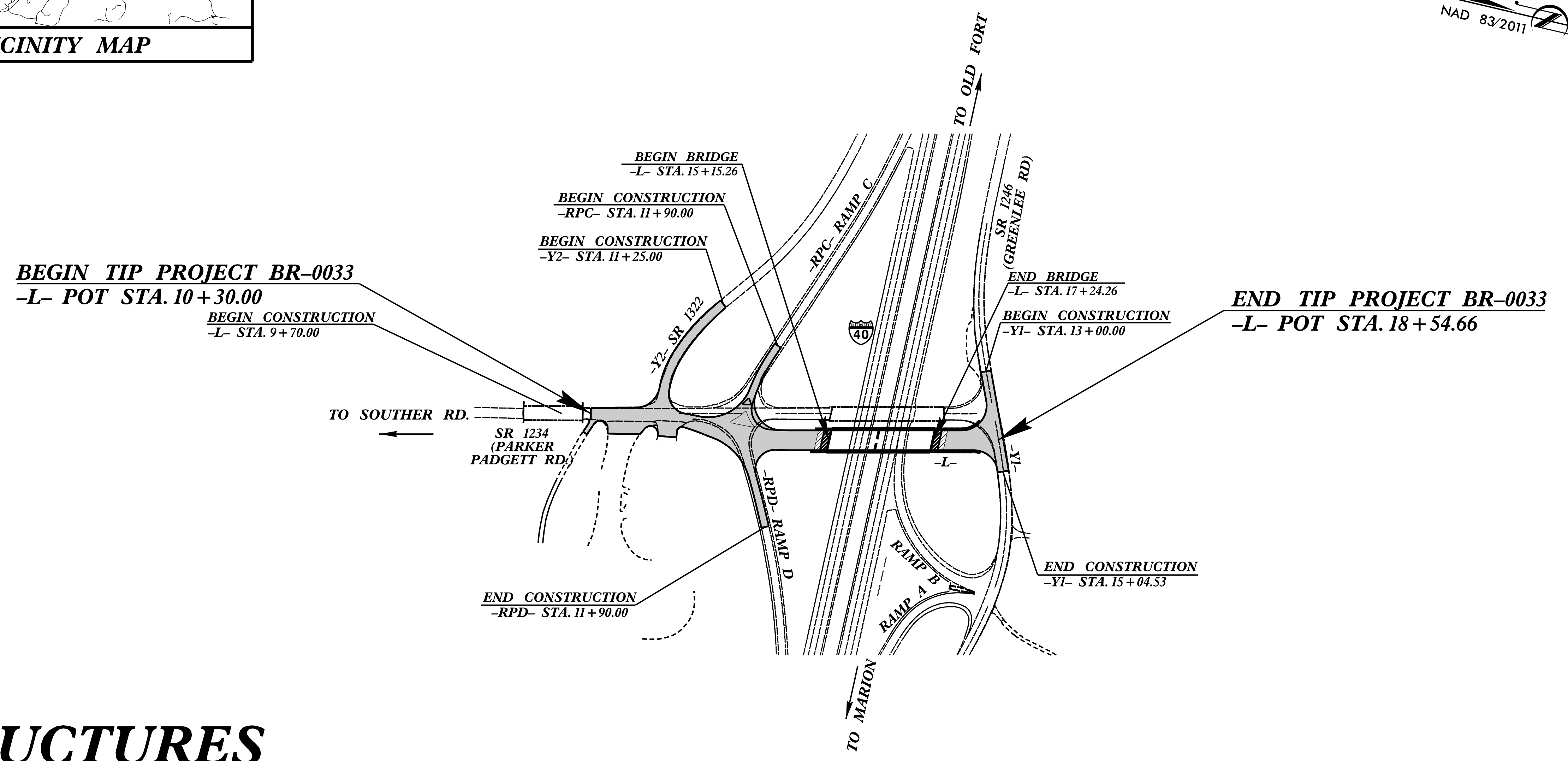
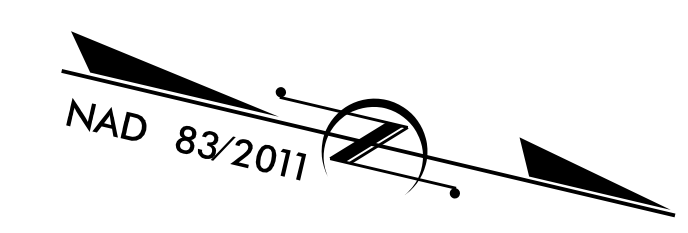
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**MCDOWELL COUNTY**

**LOCATION: BRIDGE NO. 84 ON SR 1234 (PARKER PADGETT ROAD)  
OVER I-40 BETWEEN SR 1322 AND SR 1246**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0033	1A	32
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
67033.1.1	NA	P.E.	
67033.2.1	NA	RW & UTILITIES	
67033.3.1	NA	CONST.	



**STRUCTURES**

**DESIGN DATA**

ADT 2018 = 2410  
ADT 2041 = 3140  
K = 13 %  
D = 70 %  
T = 6 % \*  
V = 60 MPH  
\* TTST 3%+DUAL 3%  
FUNC CLASS =  
LOCAL  
REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT BR-0033 = 0.116 MI  
LENGTH STRUCTURE TIP PROJECT BR-0033 = 0.040 MI  
TOTAL LENGTH TIP PROJECT BR-0033 = 0.156 MI

Prepared in the Office of:  
**benesch**  
NC FIRM LICENSE No: F-1320  
8000 REGENCY PARKWAY, STE 175  
CARY, NC 27518  
(984) 275-2490

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2018 STANDARD SPECIFICATIONS

LETTING DATE :  
FEBRUARY 15, 2022

**GREG A. STEWART, PE**  
PROJECT ENGINEER

**ALEXANDER FORFA, PE**  
PROJECT DESIGN ENGINEER

