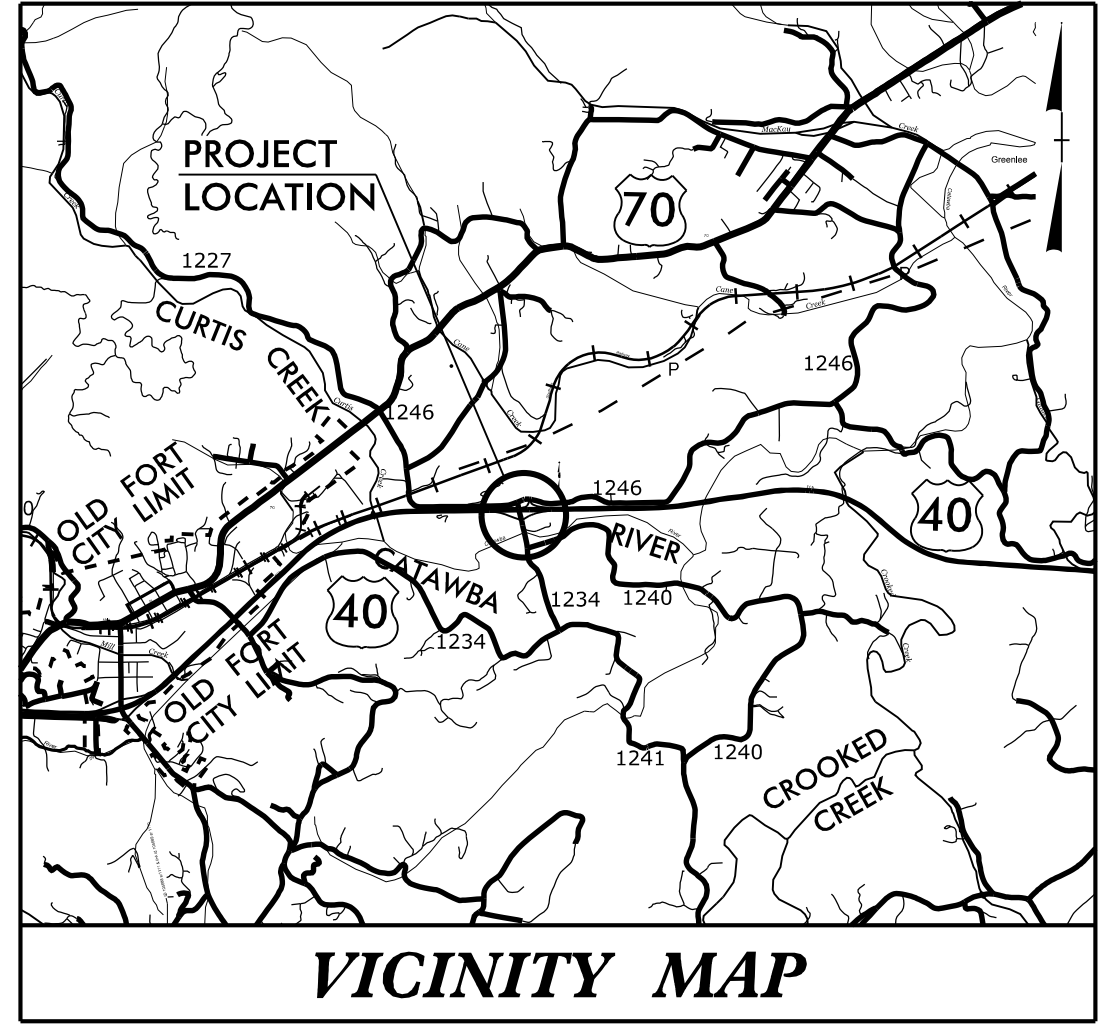


09/08/2019

TIP PROJECT: BR-0033

CONTRACT: C204672

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols



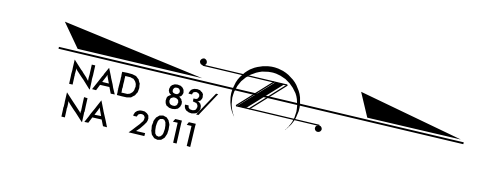
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MCDOWELL COUNTY

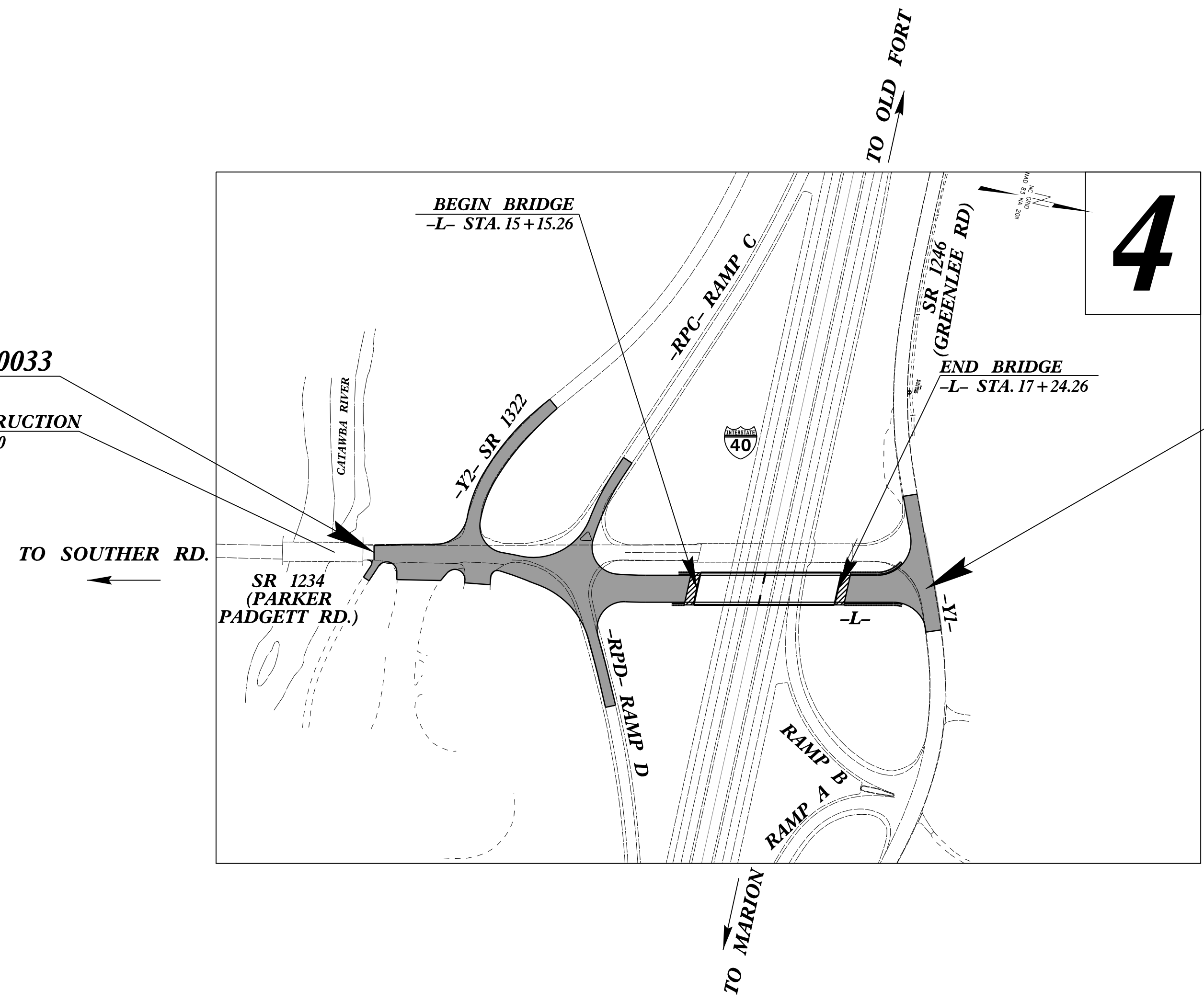
**LOCATION: REPLACE BRIDGE NO. 84
ON SR 1234 (PARKER PADGETT RD.) OVER I-40**

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-----------------|--------------|
| N.C. | BR-0033 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 67033.1.1 | N/A | P.E. | |
| 67033.2.1 | N/A | R/W & UTILITIES | |
| 67033.3.1 | N/A | CONST. | |



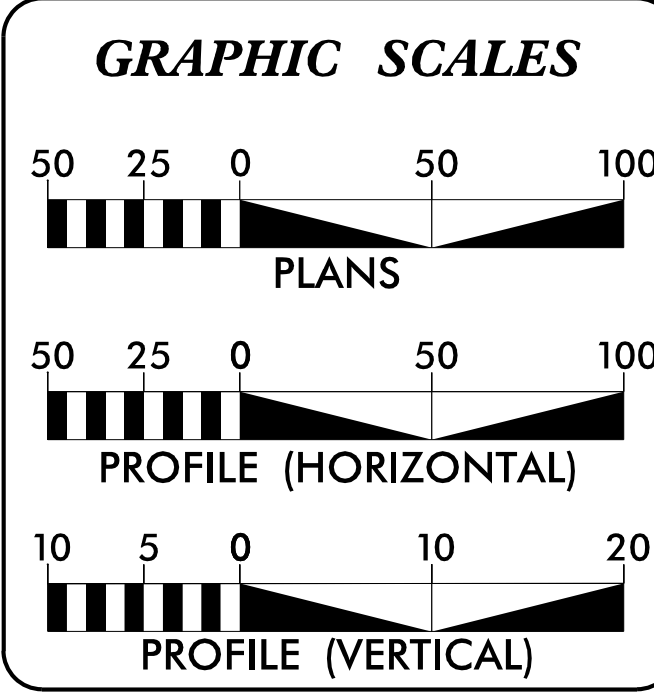
BEGIN TIP PROJECT BR-0033
-L- POT STA. 10 + 30.00
BEGIN CONSTRUCTION
-L- STA. 9 + 70.00



END TIP PROJECT BR-0033
-L- POT STA. 18 + 54.66

THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.
DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED, MAXIMUM GRADE, HORIZONTAL & VERTICAL CURVES AND VERTICAL STOPPING SIGHT DISTANCE.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

| | |
|--------------------|--------|
| ADT 2021 = | 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 MILES |
| LENGTH STRUCTURE TIP PROJECT BR-0033 | = | 0.040 MILES |
| TOTAL LENGTH TIP PROJECT BR-0033 | = | 0.156 MILES |

Prepared for NCDOT in the Office of:
ATCS
100 REGENCY FOREST DRIVE, SUITE 130
CARY, NORTH CAROLINA 27518
919-341-9418 <http://www.atcspc.com/>
NC LICENSE NO. P-0192
ENGINEERING | PLANNING | SURVEYING | ENVIRONMENTAL

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 25, 2021

LETTING DATE:
MARCH 15, 2022

TIM HAYES, PE
PROJECT ENGINEER

JASON BREDA, PE
PROJECT DESIGN ENGINEER

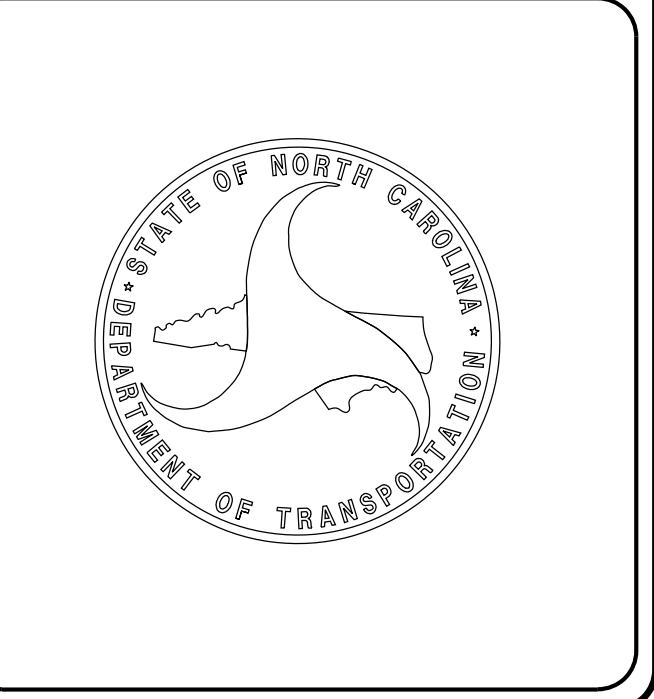
DAVID STUTTS, PE
NCDOT CONTACT

HYDRAULICS ENGINEER

DocuSigned by:
Randy Henegar
SIGNATURE

ROADWAY DESIGN ENGINEER

DocuSigned by:
Timothy Hayes
SIGNATURE



02-MAR-2022 11:02
S:\Projects\009004_2017_NCDOT_SMU_OC\BR-0033\Project\Roadway\Proj\BR0033_Rdy_1.sh.dgn
F:\barham