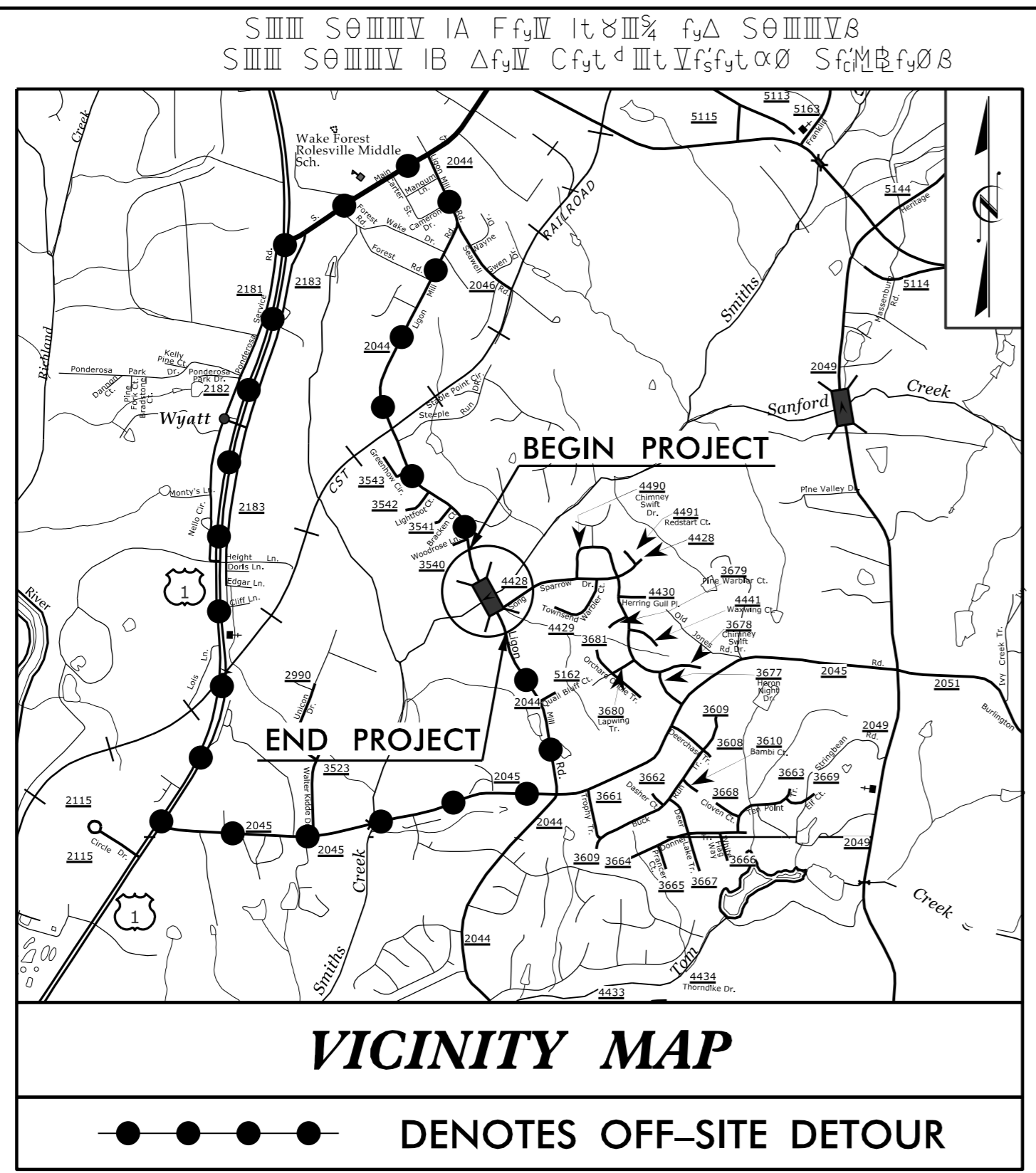


09/08/19

TIP PROJECT: B-5318

CONTRACT: C204554

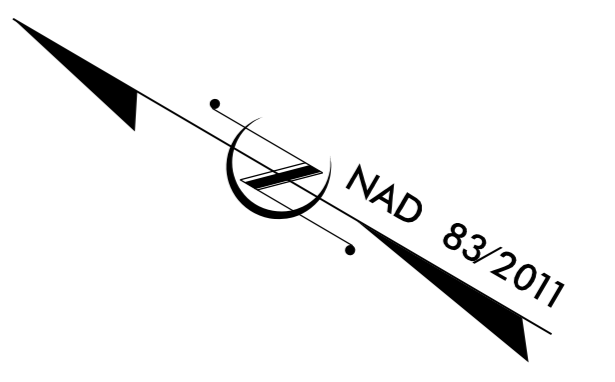
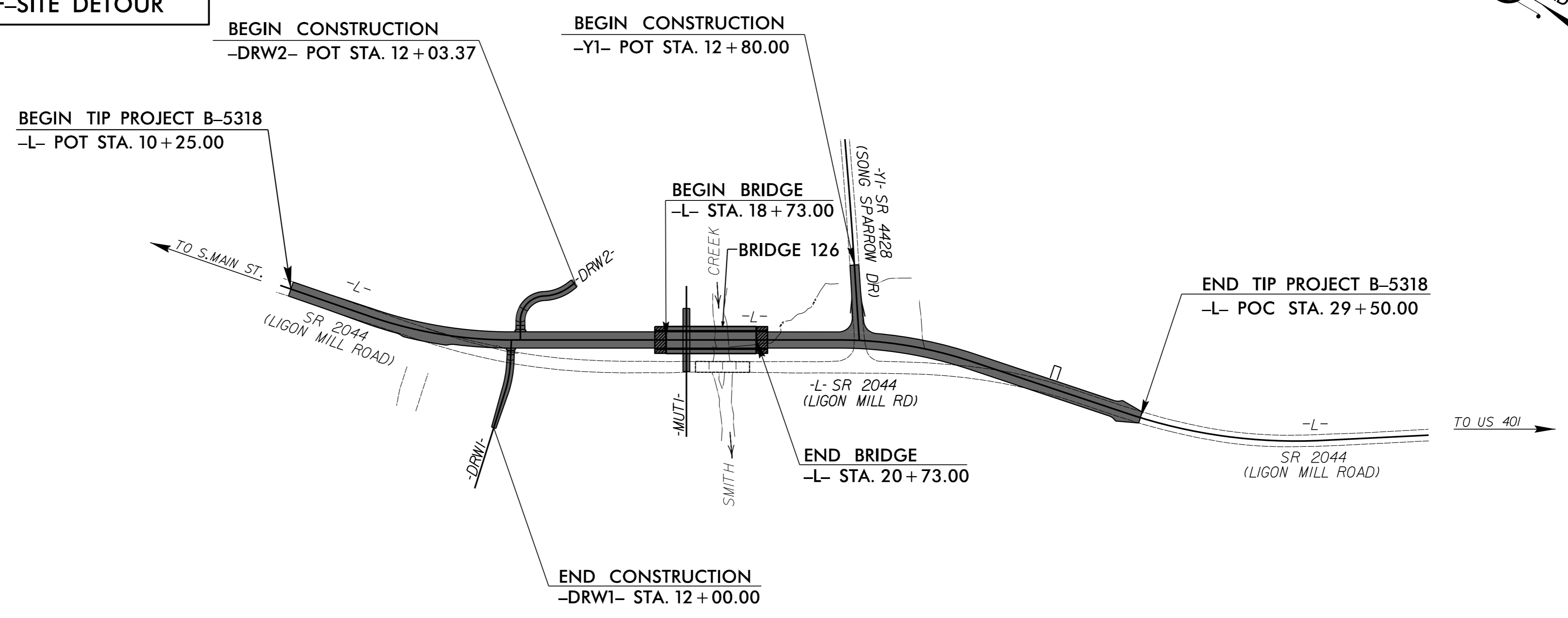


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
WAKE COUNTY

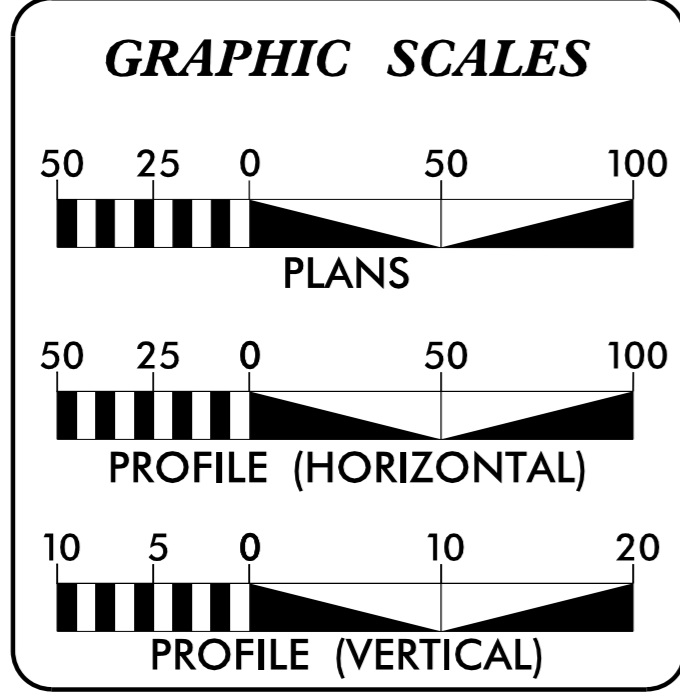
**LOCATION: REPLACE BRIDGE #126 OVER SMITH CREEK
ON SR 2044 (LIGON MILL ROAD) IN WAKE FOREST**

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | B-5318 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 46032.1.1 | BRZ-2044(4) | P.E. | |
| 46032.2.1 | | R/W | |
| 46032.2.2 | | UTILITIES | |
| 46032.3.2 | BRZ-2044(4) | CONST. | |



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



DESIGN DATA

| | |
|--------------|-----------------|
| ADT 2022 = | 9,070 |
| ADT 2042 = | 12,770 |
| K = | 10 % |
| D = | 55 % |
| T = | 2 % * |
| V = | 50 MPH |
| * TTST = | 1 DUAL 3 |
| FUNC CLASS = | MAJOR COLLECTOR |

PROJECT LENGTH

| | | |
|-------------------------------------|---|-------------|
| LENGTH ROADWAY TIP PROJECT B-5318 | = | 0.327 MILES |
| LENGTH STRUCTURE TIP PROJECT B-5318 | = | 0.038 MILES |
| TOTAL LENGTH TIP PROJECT B-5318 | = | 0.365 MILES |

PLANS PREPARED FOR NCDOT BY:

Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

RIGHT OF WAY DATE:
JUNE 21, 2019

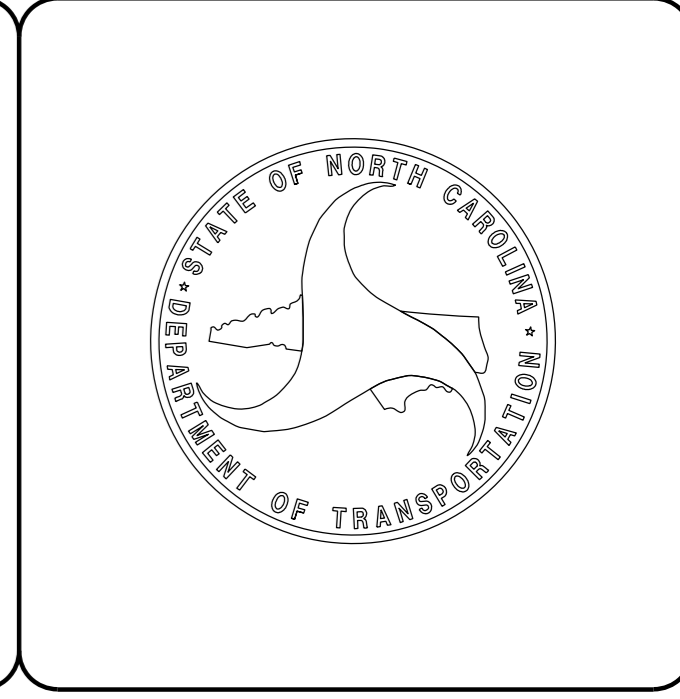
LETTING DATE:
NOVEMBER 15, 2022

ZACHARY BROWN, P.E.
STRUCTURE DESIGN ENGINEER

NCDOT CONTACT: LISA BULLARD-GILCHRIST, EI

STRUCTURE DESIGN ENGINEER

DocuSigned by:
Zachary Brown
SIGNATURE: P.E.



\$\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$