

TIP PROJECT: BR-0002

CONTRACT: C204482

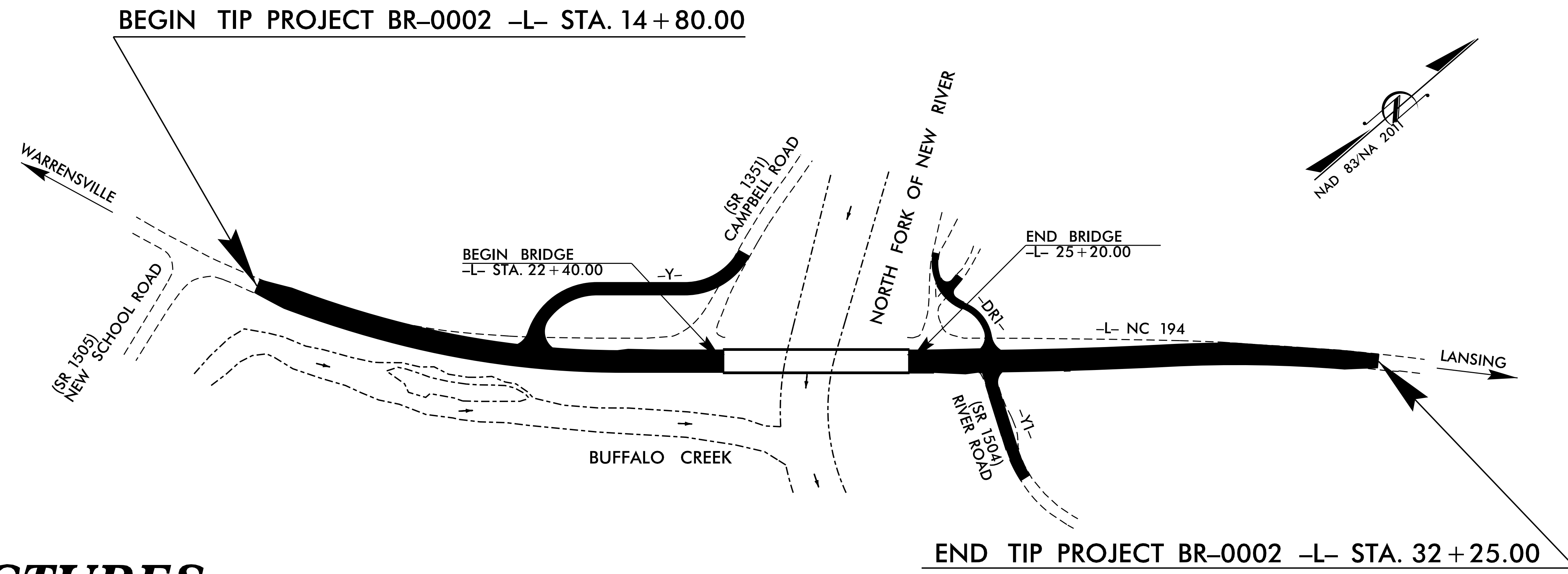
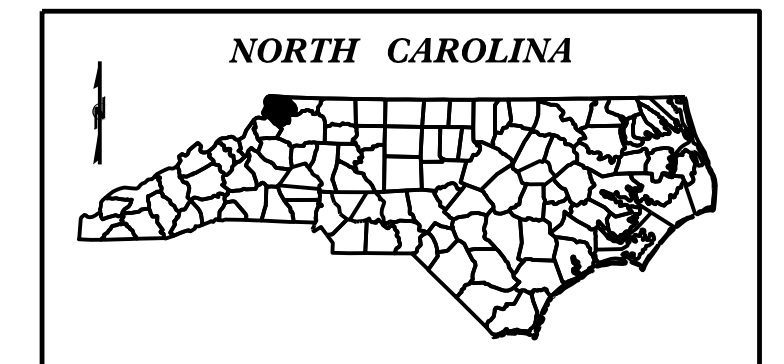
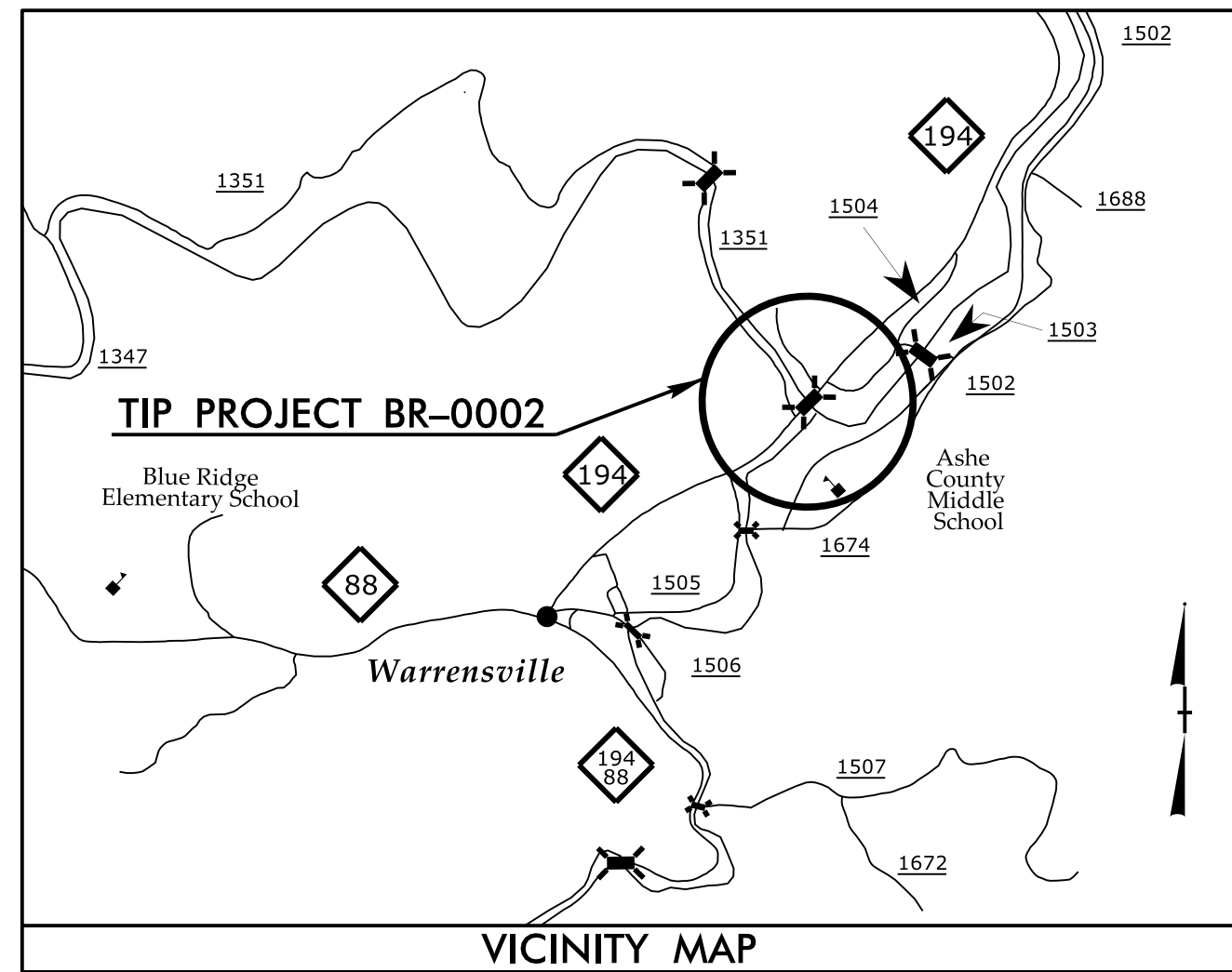
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ASHE COUNTY

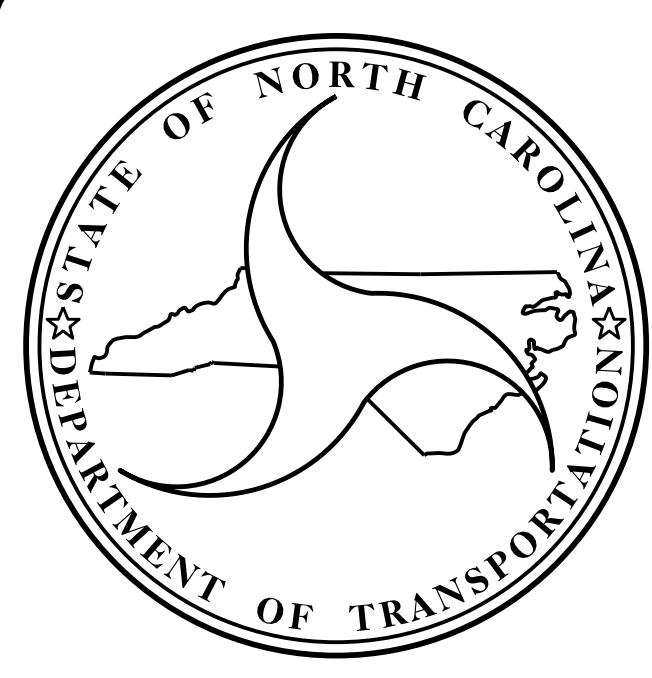
**LOCATION: BRIDGE NO. 8 ON NC 194 OVER
NORTH FORK NEW RIVER**

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|---------------|--------------|
| N.C. | BR-0002 | 1 | |
| STATE PROJ. NO. | P.A. PROJ. NO. | DESCRIPTION | |
| 49071.1.1 | - | P.E. | |
| 49071.2.1 | - | ROW/UTILITIES | |
| 49071.3.1 | - | CONST. | |
| | | | |
| | | | |



STRUCTURES



DESIGN DATA

ADT 2020 = 4010
ADT 2040 = 4100
K = 12 %
D = 55 %
T = 7 % *
V = 60 MPH
* TTST = 2% DUAL = 5%
FUNC CLASS = MAJOR COLLECTOR REGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT BR-0002 = 0.269 MI
LENGTH OF STRUCTURE TIP PROJECT BR-0002 = 0.053 MI
TOTAL LENGTH OF TIP PROJECT BR-0002 = 0.330 MI

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

2018 STANDARD SPECIFICATIONS

LETTING DATE : SEPTEMBER 21, 2021

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PROJECT ENGINEER

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PROJECT DESIGN ENGINEER