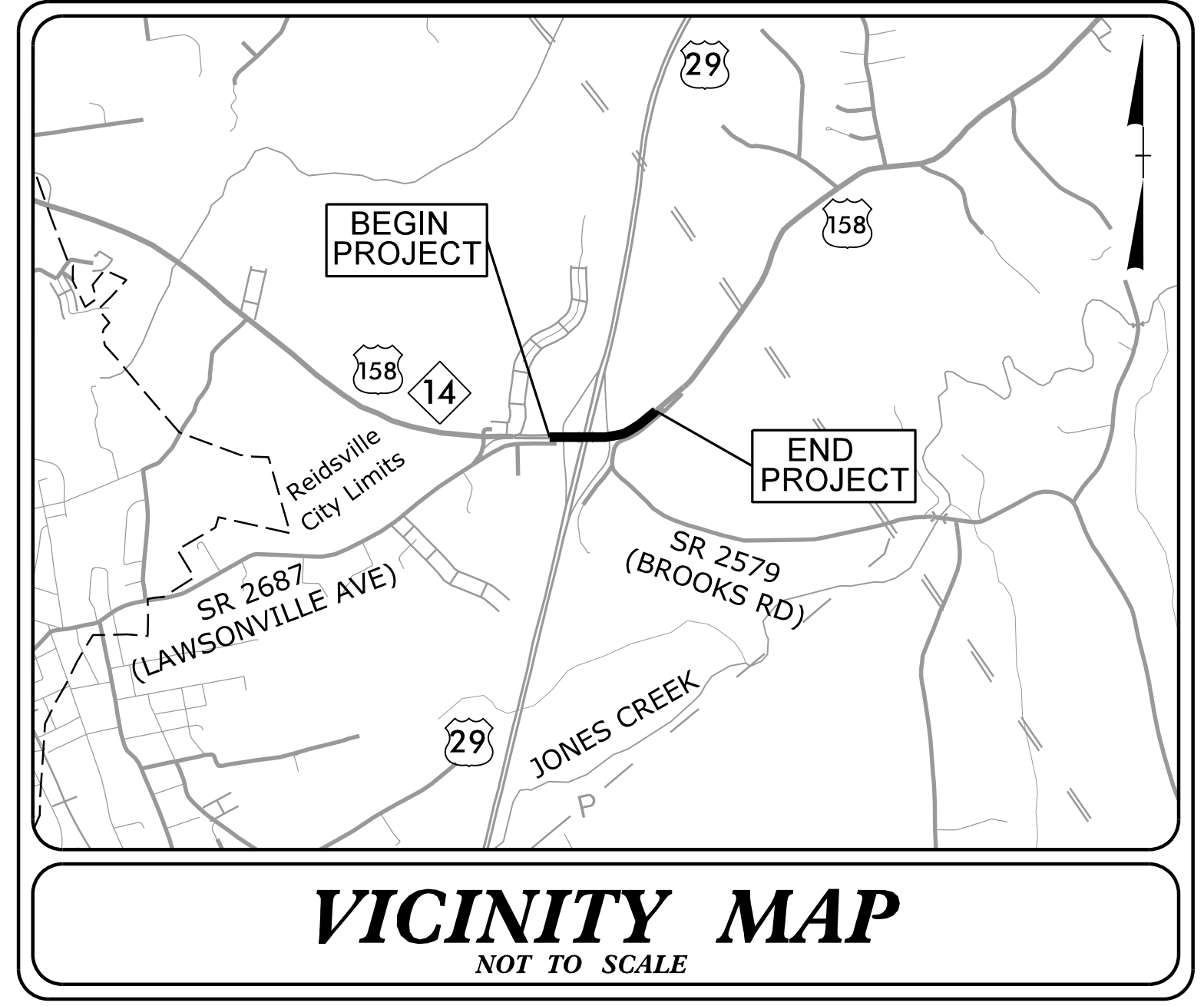


09/08/2019  
2/16/2023  
D:\aecom-na-pw-bentley.com\AECOM\_DS2\NA\_2020\Documents\60581578-NC00T\_SMU\_BR-0043\900-CAD\_GIS\910-CAD\TO\_NCD0T\_TIP\_Roadway\Design\BR0043\_rdy\_tsh.dgn  
Mw@baz06

**TIP PROJECT: BR-0043**  
**CONTRACT: C204793**

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



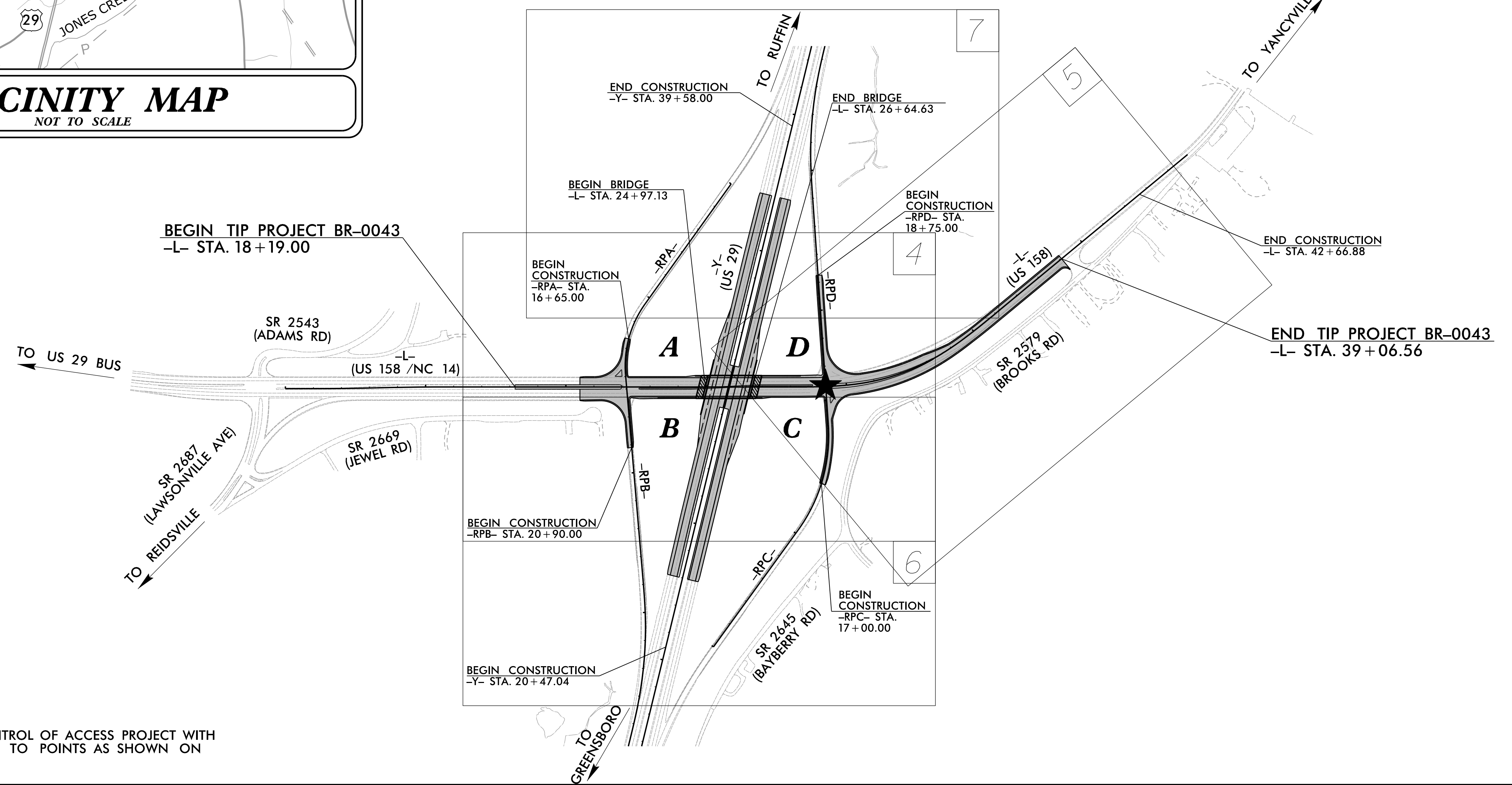
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## ROCKINGHAM COUNTY

**LOCATION: REPLACE BRIDGE 780151 ON US 158 /NC 14  
OVER US 29 NEAR REIDSVILLE**

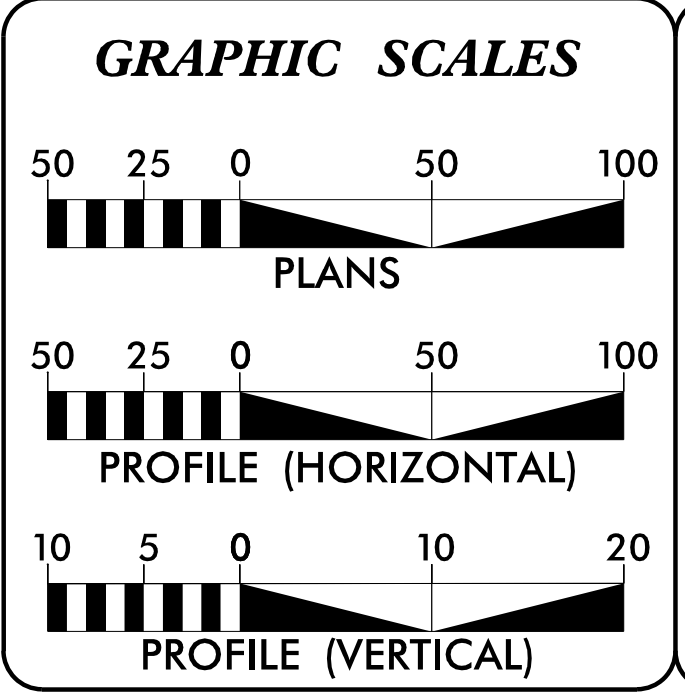
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNAL, RETAINING WALL, AND STRUCTURE**

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.    | TOTAL SHEETS |
|-----------------|-----------------------------|--------------|--------------|
| N.C.            | BR-0043                     | 1            |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION  |              |
| 67043.1.1       |                             | PE           |              |
| 67043.2.1       |                             | RW/Utility   |              |
| 67043.3.1       |                             | CONSTRUCTION |              |
|                 |                             |              |              |
|                 |                             |              |              |



THIS IS A PARTIAL CONTROL OF ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

★ UPGRADED SIGNAL  
DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

|              |                                  |
|--------------|----------------------------------|
| ADT 2023 =   | 15,718                           |
| ADT 2043 =   | 17,109                           |
| K =          | 9 %                              |
| D =          | 55 %                             |
| T =          | 6 % *                            |
| V =          | 50 MPH                           |
| * TTST =     | 4% DUAL 2%                       |
| FUNC CLASS = | PRINCIPAL ARTERIAL REGIONAL TIER |

**PROJECT LENGTH**

|  |          |
|--|----------|
| LENGTH ROADWAY TIP PROJECT BR-0043 =   | 0.363 MI |
| LENGTH STRUCTURE TIP PROJECT BR-0043 = | 0.032 MI |
| TOTAL LENGTH TIP PROJECT BR-0043 =     | 0.395 MI |

Prepared in the Office of:

**AECOM**  
2018 STANDARD SPECIFICATIONS

NC FIRM LICENSE No: F-0342  
5438 Wade Park Blvd., Suite 200  
Raleigh, NC 27607  
(919) 461-1100

**RIGHT OF WAY DATE:**  
AUGUST 31, 2022

**LETTING DATE:**  
APRIL 18, 2023

**JOHN C. MORRISON, P.E.**  
PROJECT ENGINEER

**ED EDENS, P.E.**  
PROJECT DESIGN ENGINEER

**DAVID STUTTS, P.E.**  
NCDOT PROJECT MANAGER

**HYDRAULICS ENGINEER**  
2/16/2023

**ROADWAY DESIGN ENGINEER**  
2/16/2023

DocuSigned by: [Signature]  
SEAL 037863  
ENGINEER  
STATE OF NORTH CAROLINA

DocuSigned by: [Signature]  
SEAL 18470  
ENGINEER  
STATE OF NORTH CAROLINA

