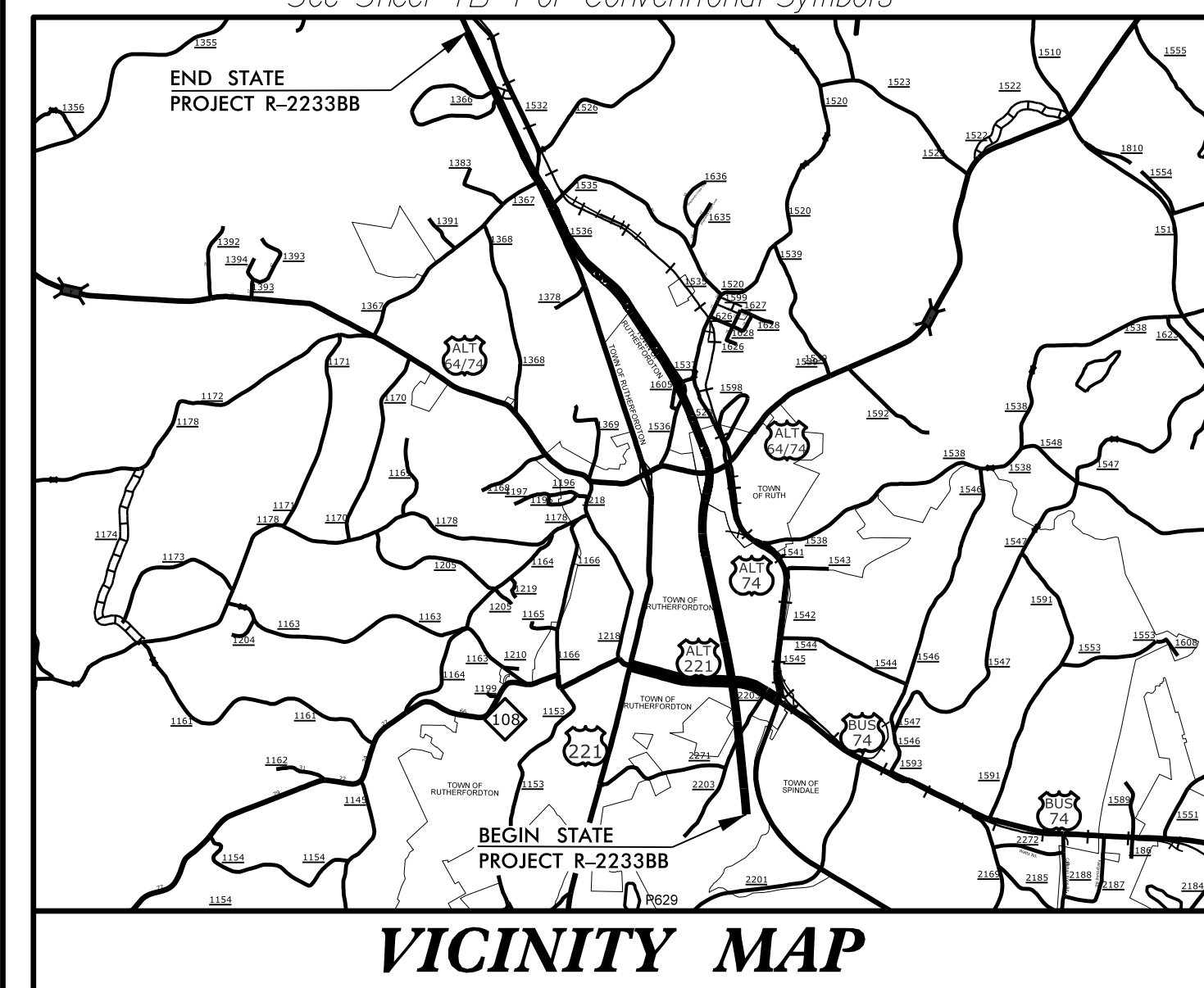


09\_08/2019

TIP PROJECT: R-2233BB

CONTRACT: C204397

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

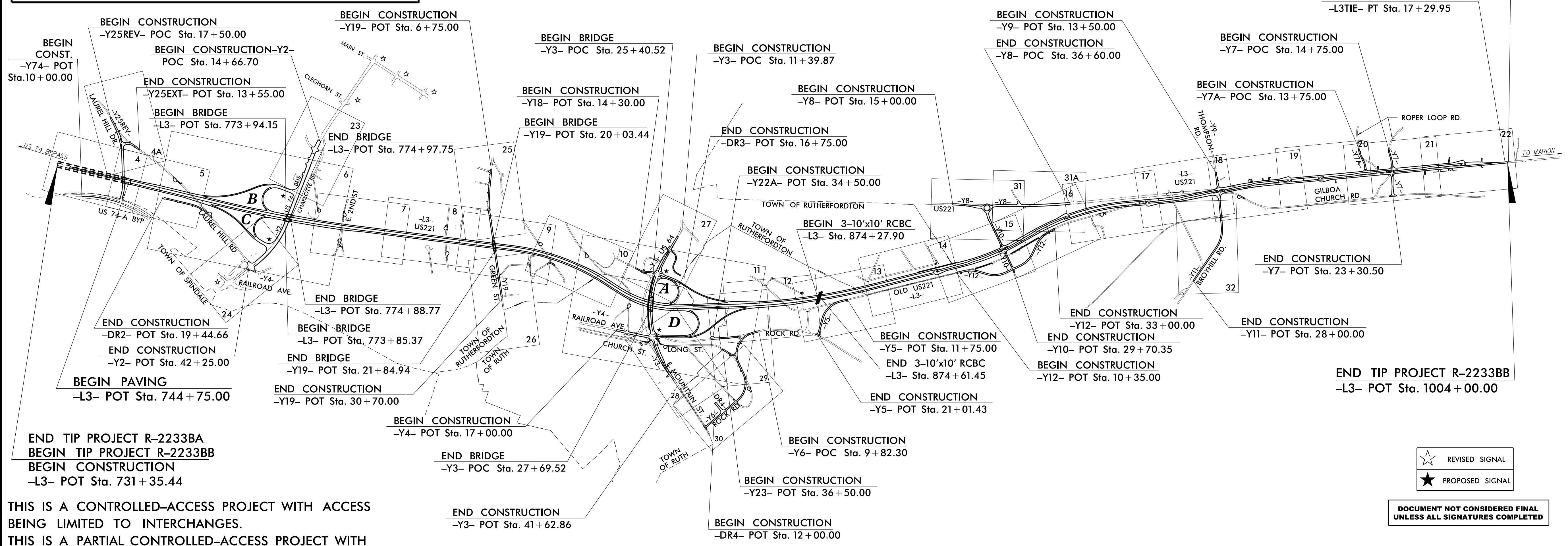


# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS RUTHERFORD COUNTY

LOCATION: US 221 SOUTH OF US 74 BUSINESS (CHARLOTTE ROAD)  
TO NORTH OF SR 1366 (ROPER LOOP ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, RETAINING WALL  
AND STRUCTURES

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C.            | R-2233BB                    | 1           |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
| 34400.1.S5      |                             | PE          |              |
| 34400.2.5       |                             | RW          |              |
| 34400.2.7       |                             | UTIL.       |              |
| 34400.3.4       |                             | CONST.      |              |

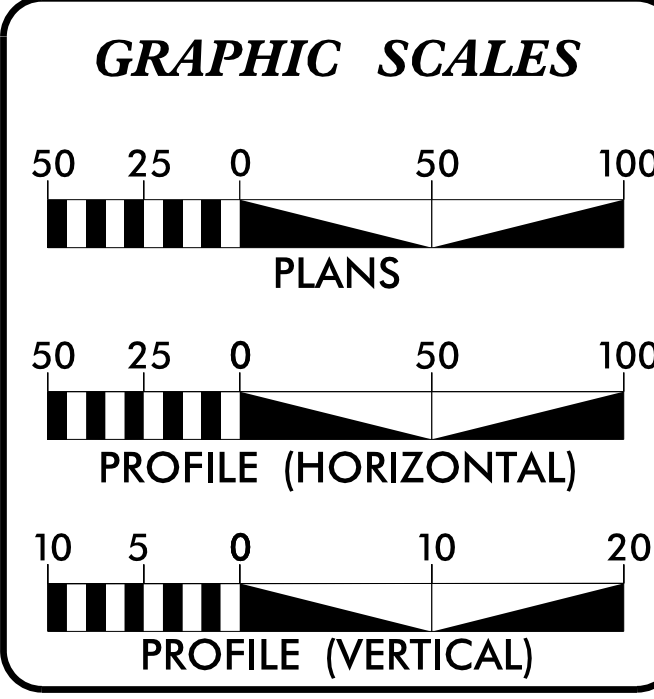


THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.  
THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

☆ REVISED SIGNAL  
★ PROPOSED SIGNAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

NCDOT CONTACT: NATHAN ADIMA, P.E.



**DESIGN DATA**

|                   |        |
|-------------------|--------|
| ADT 2020 =        | 13300  |
| ADT 2040 =        | 14500  |
| K =               | 9 %    |
| D =               | 60 %   |
| T =               | 9 % *  |
| V =               | 70 MPH |
| * TTST 5% DUAL 4% |        |
| FUNC CLASS =      |        |
| ARTERIAL          |        |
| REGIONAL          | TIER   |

**PROJECT LENGTH**

|   |             |
|---|-------------|
| LENGTH ROADWAY TIP PROJECT R-2233BB =   | 5.138 MILES |
| LENGTH STRUCTURE TIP PROJECT R-2233BB = | 0.026 MILES |
| TOTAL LENGTH TIP PROJECT R-2233BB =     | 5.164 MILES |

STRUCTURE LENGTH BASED ON -L3- NB STATIONING.

PLANS PREPARED FOR NCDOT BY:

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

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JULY 28, 2017

LETTING DATE: DECEMBER 21, 2021

DENNIS J. MORY, P.E.  
PROJECT ENGINEER

BRYAN LAMBETH, P.E.  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

9/10/2021

DocuSigned by:  
Steven M. Bendor  
SIGNATURE

ROADWAY DESIGN ENGINEER

9/10/2021

DocuSigned by:  
Dennis J. Mory, PE  
SIGNATURE

