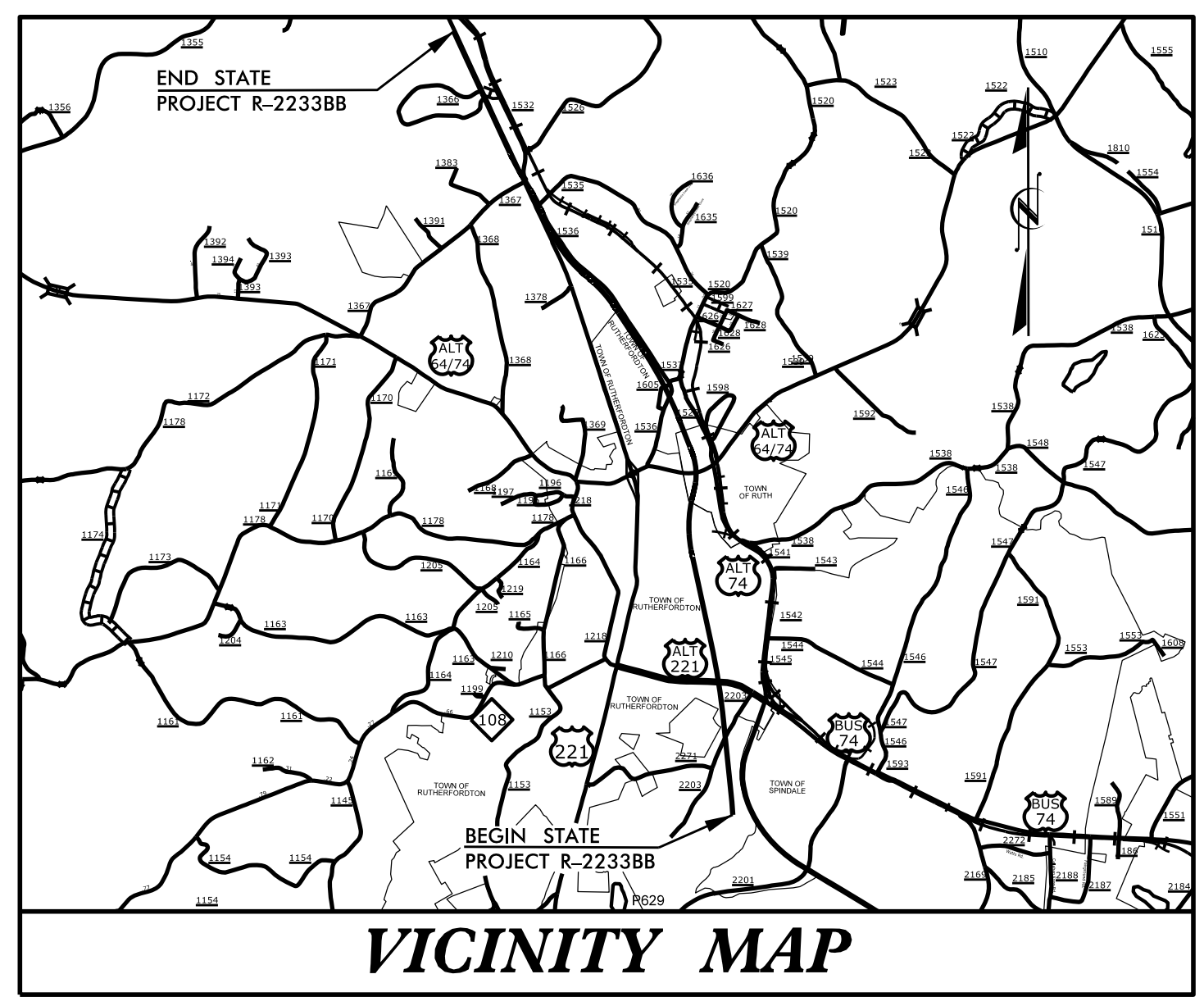


09/08/19

**TIP PROJECT: R-2233BB**  
**CONTRACT: C204397**



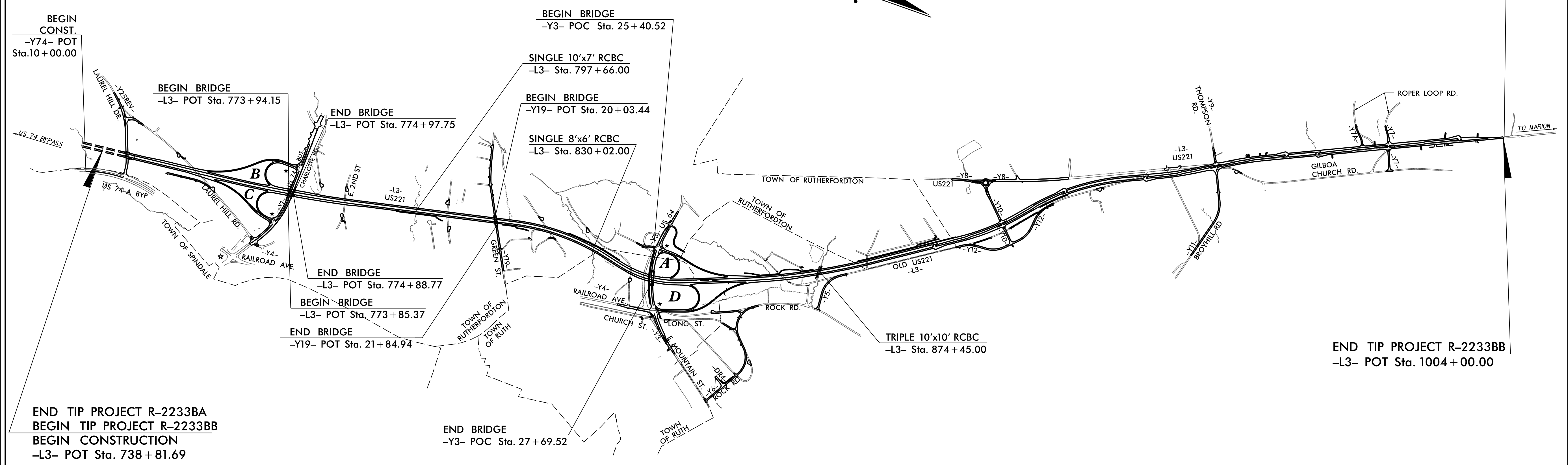
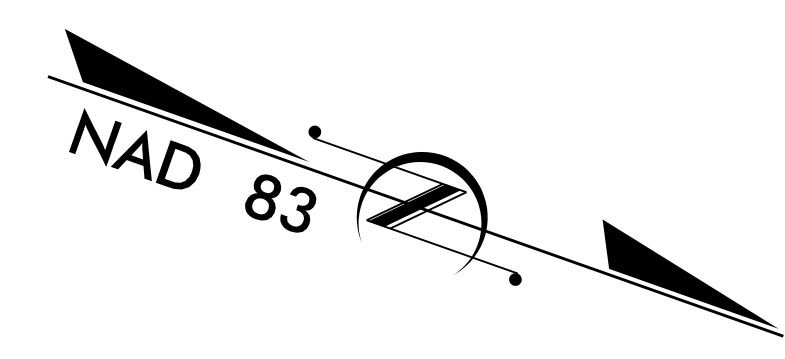
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# 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		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34400.1.S5		PE	
34400.2.5		R/W	
34400.2.7		UTIL.	
34400.3.4		CONST.	



**END CONSTRUCTION**  
-L3- POT Sta. 1004 + 10.00

**END TIP PROJECT R-2233BB**  
-L3- POT Sta. 1004 + 00.00

END TIP PROJECT R-2233BA  
BEGIN TIP PROJECT R-2233BB  
BEGIN CONSTRUCTION  
-L3- POT Sta. 738 + 81.69

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.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

## STRUCTURES

NCDOT CONTACT: HOANG DIEU, 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 =	4.996 MILES
LENGTH STRUCTURE TIP PROJECT R-2233BB =	0.026 MILES
TOTAL LENGTH TIP PROJECT R-2233BB =	5.022 MILES
STRUCTURE LENGTH BASED ON -L3- NB STATIONING.	

PREPARED IN THE OFFICE OF:

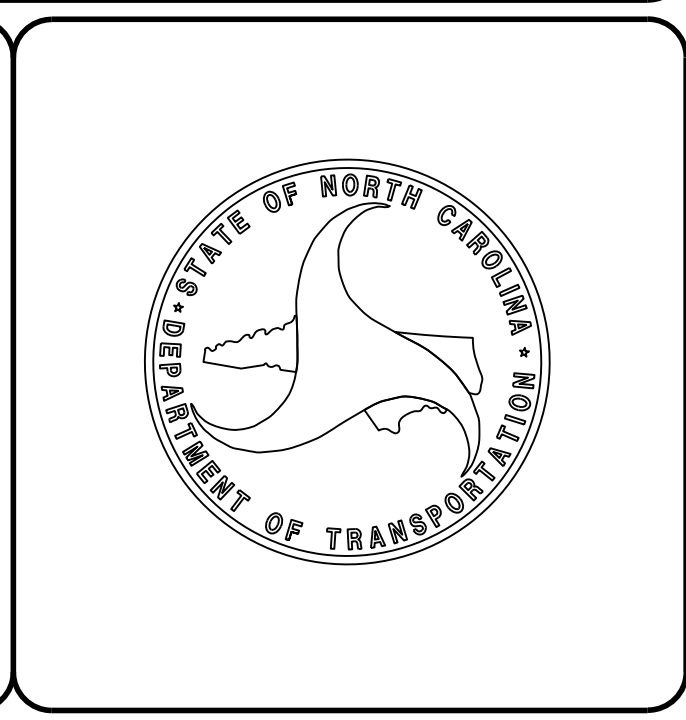
333 FAYETTEVILLE STREET, SUITE 500  
RALEIGH, NC 27601  
NC LICENSE NO. C-2979

2018 STANDARD SPECIFICATIONS

LETTING DATE:  
DECEMBER 21, 2021

STRUCTURES ENGINEER

DocuSigned by:  
*Jason R. Dougherty*  
10/7/2021



FILES: MODJESKI & MASTERS