



STATE OF NORTH CAROLINA  
**DEPARTMENT OF TRANSPORTATION**

P.O. BOX 25201, RALEIGH, NC 27611-5201

## CERTIFICATION OF RULEMAKING

<b>Certifying Agency:</b> Department of Transportation					
<b>Action:</b>	<input checked="" type="checkbox"/>	Adoption		<input checked="" type="checkbox"/>	Repeal
<b>Statutory Authority:</b> 136-54, 136-30, 20-141.					
<b>Public Hearing Not Required For This Action Under:</b> GS 150B.					
<b>Rule Summary:</b> Rural Speed Zones, Route Changes.					
<b>Division:</b> 9					
<b>Circumstances Requiring Rule Adoption, Repeal:</b> Necessary for public safety and welfare.					
<b>Effective Date:</b> January 14, 2025					

January 14, 2025

DATE

DocuSigned by:

*Brian K Mayhew*

OFFICER SIGNATURE

Brian K. Mayhew, PE

TYPED NAME

State Traffic Engineer

TITLE





The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (136-54, 136-30, 20-141).


All the actions herein adopted are effective January 14, 2025 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
Rural Speed Zones	1	1
Route Changes	1	0
<b>Total</b>	<b>2</b>	<b>1</b>

For ordinances requiring signing or marking, the Division Engineer for each affected Division shall cause to be installed appropriate signs or markings indicating the action of the State Traffic Engineer and these ordinances shall be in full force and effect from and after the installation of such signs or markings.

January 14, 2025

DATE

DocuSigned by:  
  
EA0525GE2012401...

OFFICER SIGNATURE

Brian K. Mayhew, PE

TYPED NAME

State Traffic Engineer

TITLE

# Route Change Request

**Route Number:**

NC 74

**TIP:**

U-2579D, E, F and R-2247EB

**County:**

Forsyth

**General Description:**

Beginning at NC 66 (University Parkway) and continuing north and west to US 52.

**Reason and Justification:**

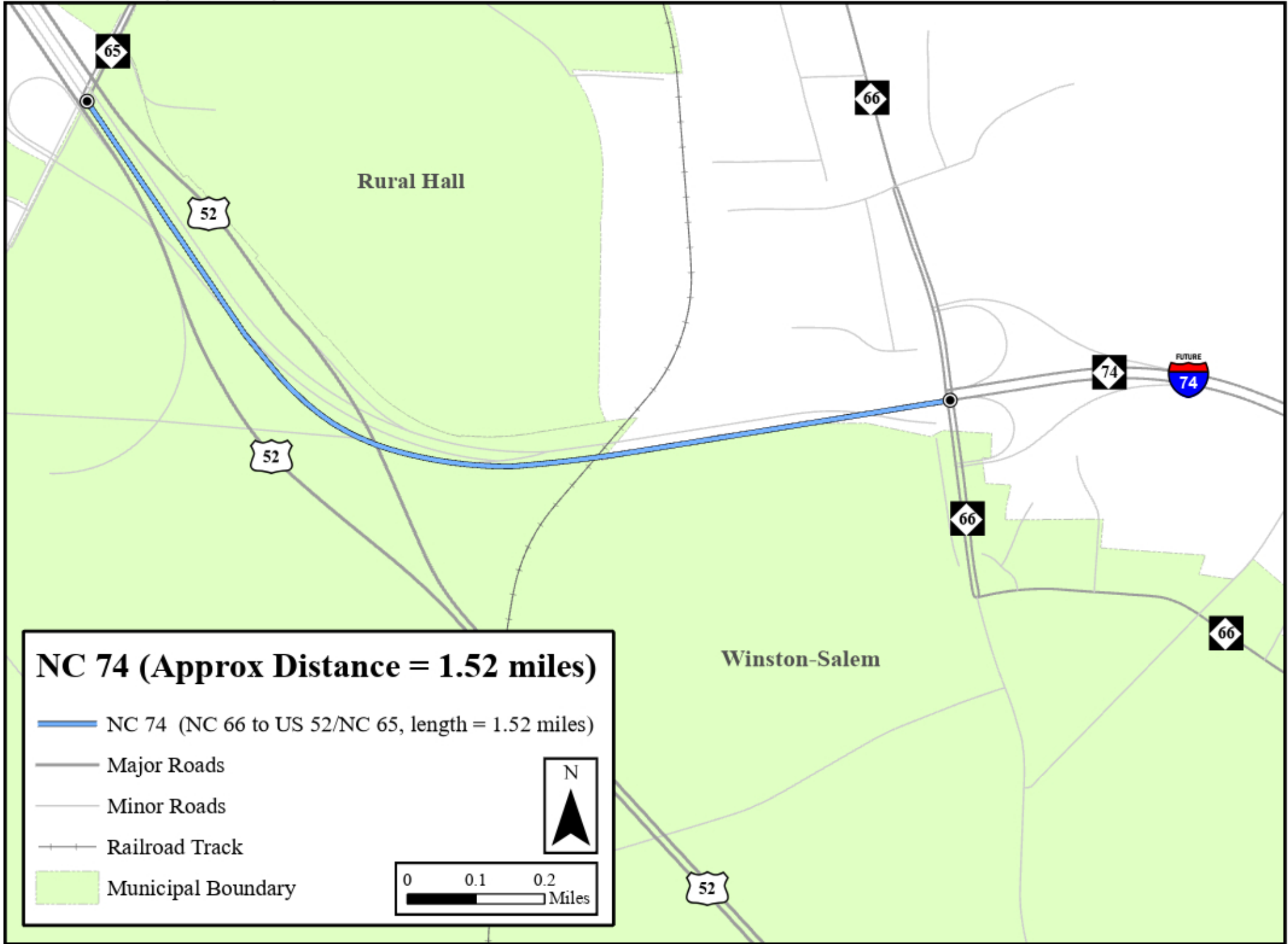
NC 74 is intended to be an interim designation of the Winston-Salem Northern Beltway (eastern section) freeway on new location. Once the new location freeway is complete and approved by FHWA, application will be submitted to change NC 74 to I-74.

## STE Approval

Comments: Approved by STE

Approved by: Brian K Mayhew

Date: 2024-03-20



See Sheet 1A For Index of Sheets  
See Sheet 1B For Standard Symbology Sheet

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

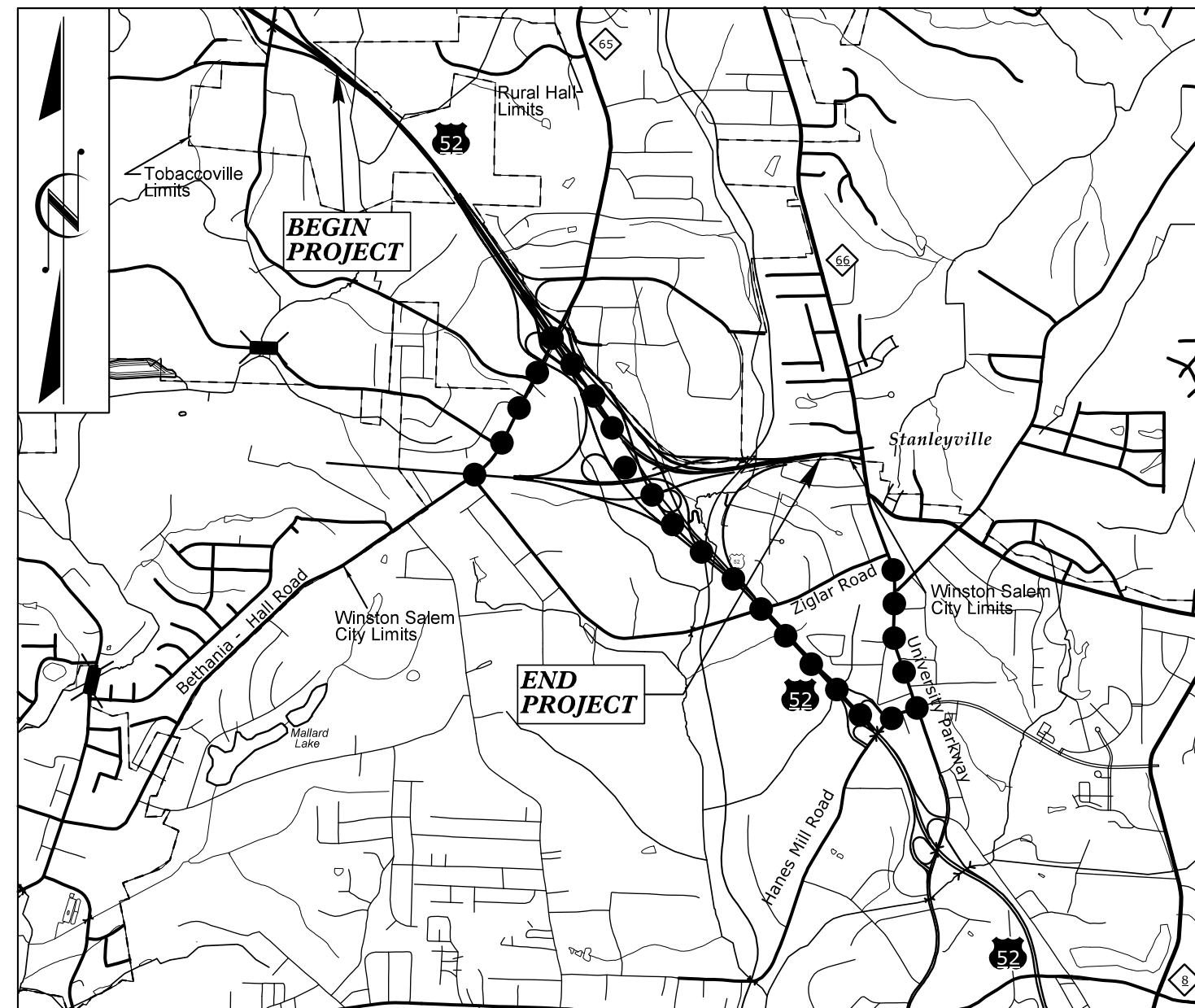
## FORSYTH COUNTY

### LOCATION: WINSTON-SALEM NORTHERN BELTWAY - INTERCHANGE AT US 52 (FUTURE I-74)

### TYPE OF WORK: GRADING, DRAINAGE, PAVING, ITS, SIGNING AND STRUCTURES

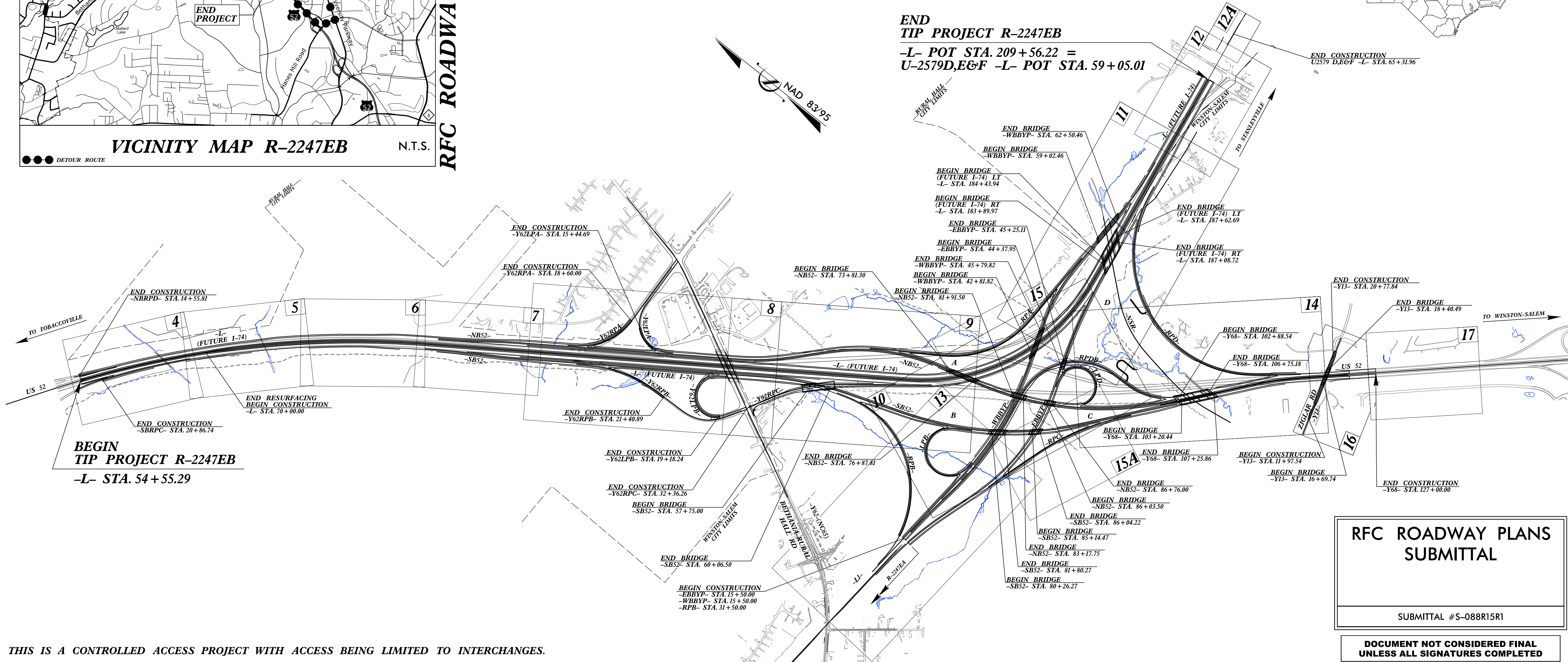
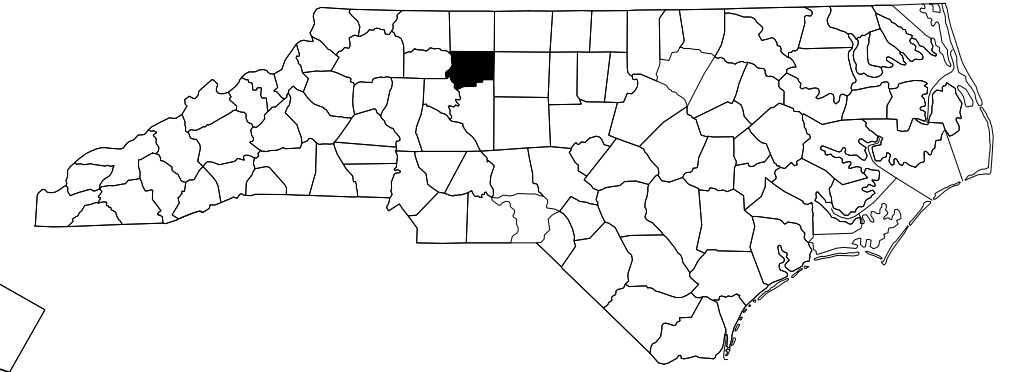
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2247EB	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34409.3.17	NHP-0052(056)	P.E., ROW, UTILITIES & CONSTRUCTION	

TIP PROJECT: R-2247EB



VICINITY MAP R-2247EB N.T.S.

RFC ROADWAY PLANS



**BEGIN TIP PROJECT R-2247EB**  
-L- STA. 54 + 55.29

**END TIP PROJECT R-2247EB**  
-L- POT STA. 209 + 56.22 =  
U-2579D,E&F -L- POT STA. 59 + 05.01

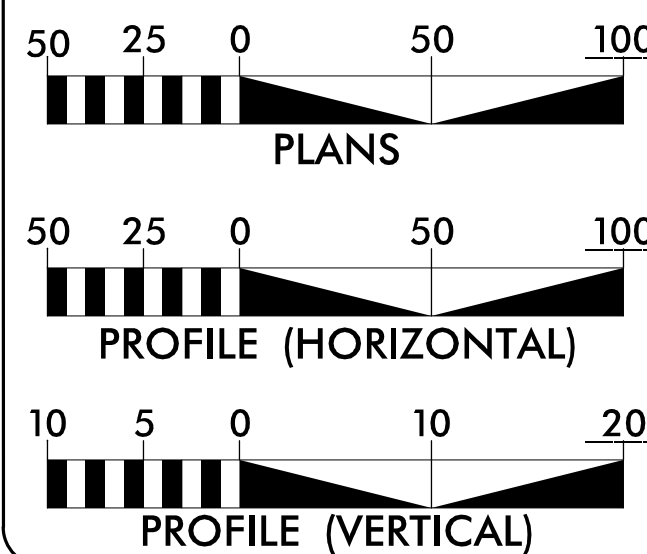
THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

**RFC ROADWAY PLANS  
SUBMITTAL**

SUBMITTAL #S-088R15R1

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

#### GRAPHIC SCALES



#### DESIGN DATA

ADT 2015 = 61,700  
 ADT 2035 = 68,700  
 K = 9%  
 D = 55%  
 T = 21%\*  
 V = 70 MPH  
 \* (TTST = 14% + DUAL 7%)  
 FUNC. CLASSIFICATION =  
 RURAL FREEWAY  
 STATEWIDE TIER

#### PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2247EB = 2.876 MILES  
 LENGTH STRUCTURE TIP PROJECT R-2247EB = 0.060 MILES\*  
 TOTAL LENGTH OF TIP PROJECT R-2247EB = 2.936 MILES  
 \* LENGTH BASED ON EB BRIDGES

NCDOT CONTACT: **MALCOLM WATSON, PE**  
 DESIGN-BUILD UNIT - PROJECT ENGINEER

#### PLANS PREPARED FOR THE NCDOT BY:



2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
AUGUST 21, 2018

**LETTING DATE:**  
AUGUST 21, 2018



STV Engineers, Inc.  
 900 West Trade St., Suite 715  
 Charlotte, NC 28202  
 NC License Number F-0991

**MARK F. ROBBINS, PE**  
 DESIGN PROJECT MANAGER

**J. ADAM FREEMAN, PE**  
 PROJECT DESIGN ENGINEER

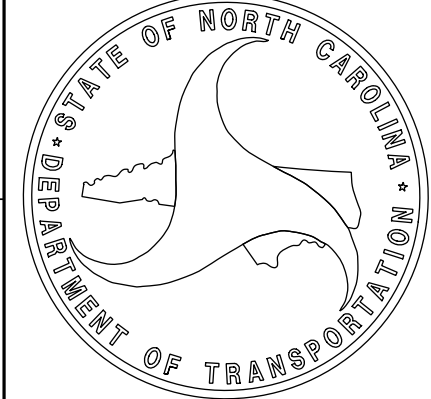
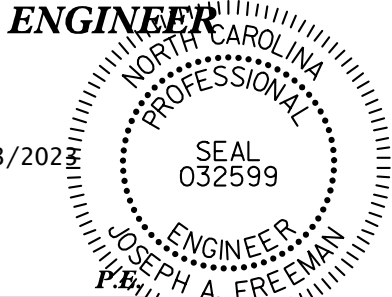
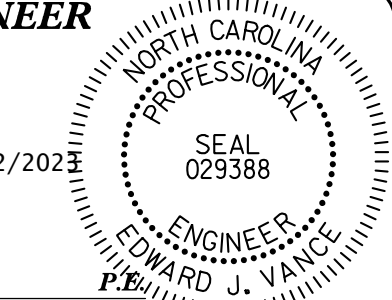
#### HYDRAULICS ENGINEER

DocuSigned by:  
 Edward J. Vance  
 8264F2B183DF494

**EDWARD J. VANCE, PE**  
 ROADWAY DESIGN ENGINEER

DocuSigned by:  
 Joseph A. Freeman  
 17E01D98584424

SIGNATURE:



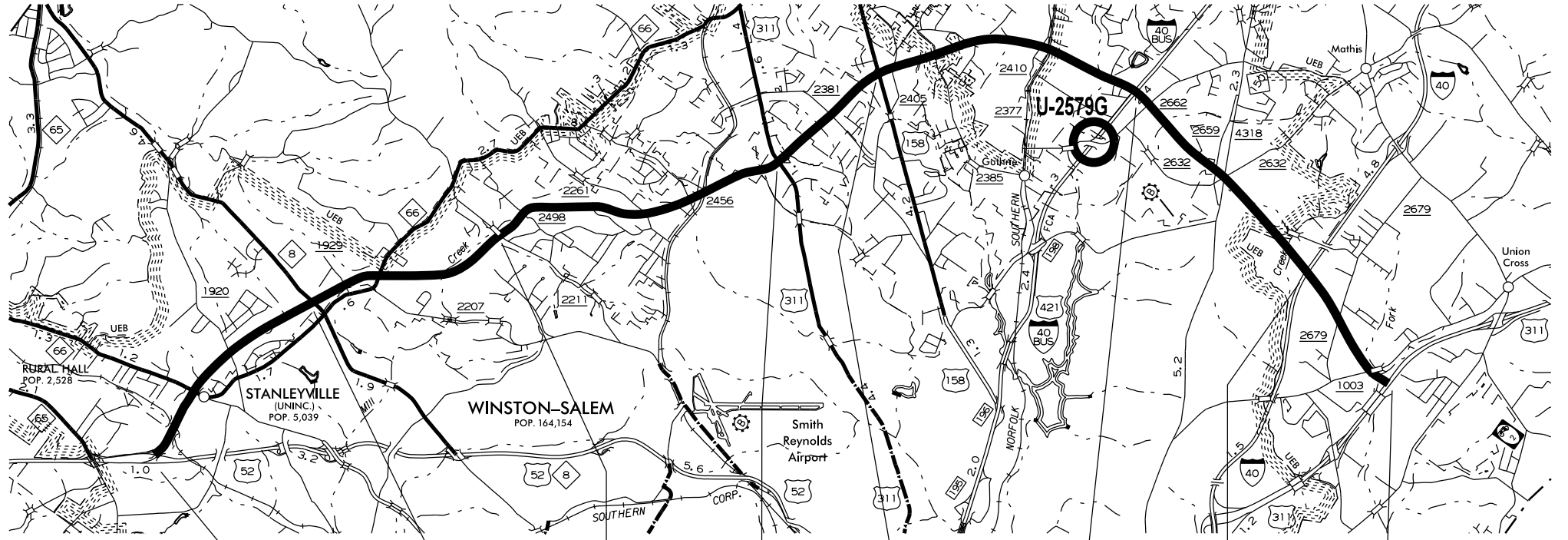
CONTRACT: C204137

# U-2579 FORSYTH COUNTY

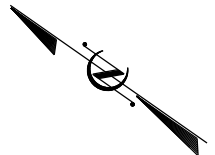
WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION)

PROJECT  
BREAKDOWN  
MAP

PROJECT SCHEDULES AND COSTS ARE ACCURATE AS OF DATE SHOWN.



U-2579



I.D. NO. / D.S.R. NO.	U-2579 F	U-2579 E	U-2579 D	U-2579 C	U-2579 B	U-2579 AB	U-2579 AA	LET U-2579 G
WBS	34839	34839	34839	34839	34839	34839	34839	
PROJECT ENGINEER	T. HOUSER	T. HOUSER	T. HOUSER	T. HOUSER	T. HOUSER	T. HOUSER	T. HOUSER	T. HOUSER
PROJECT DESCRIPTION	NC 8 TO WEST OF UNIVERSITY PARKWAY	SR 2211 (BAUX MOUNTAIN RD) TO NC 8	US 311 TO SR 2211 (BAUX MOUNTAIN ROAD)	US 158 TO US 311	I-40 BUSINESS/US 421 TO US 158	I-40 TO I-40 BUSINESS/US 421	US 311 TO I-40	SR 2667 (HASTINGS HILL RD.) OVER US 421 REPLACE BRIDGE No. 366 & APPROACHES
COUNTY / DIVISION	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9	FORSYTH / DIV 9
LENGTH	2.5 Miles	2.2 Miles	3.2 Miles	1.4 Miles	3.4 Miles	4.2 Miles	1.6 Miles	
TYPE OF CONTRACT								
REMARKS								
BEGIN R/W ACQUISITION (T.I.P.)	PY	PY	PY	PY	06-12	PY	PY	01-11
BEGIN R/W ACQUISITION (PRODUCTION)								
PROPOSED LETTING (T.I.P.)	PY	PY	PY	PY	FY-15	PY	PY	FY-13
PROPOSED LETTING (PRODUCTION)								
EST. COMP. DATE (T.I.P.)								
ESTIMATED R/W COST *	\$ 45,250,000	\$ 33,550,000	\$ 26,500,000	\$ 13,110,000	\$ 31,152,000	\$ 58,600,000	\$ 5,000,000	\$ 3,500,000
ESTIMATED CONSTRUCTION COST	\$ 34,900,000	\$ 44,400,000	\$ 68,900,000	\$ 52,600,000	\$ 170,900,000	\$ 144,000,000	\$ 61,000,000	\$ 4,200,000

\* R/W COSTS DO NOT INCLUDE UTILITIES