

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

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NEW HANOVER COUNTY**

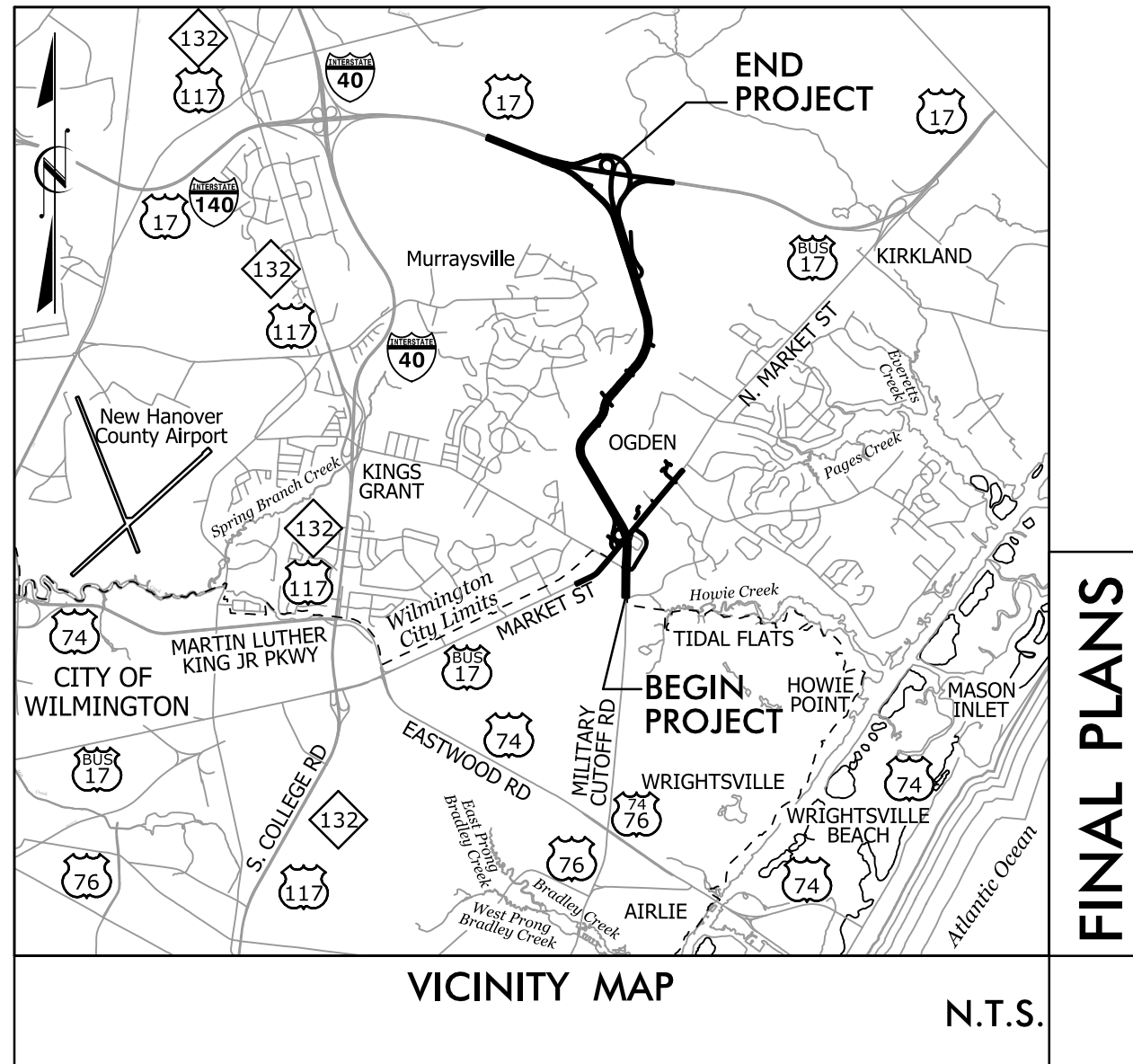
**LOCATION: SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERTS, RETAINING WALLS, SIGNALS, NOISE WALLS, AND SIGNING**

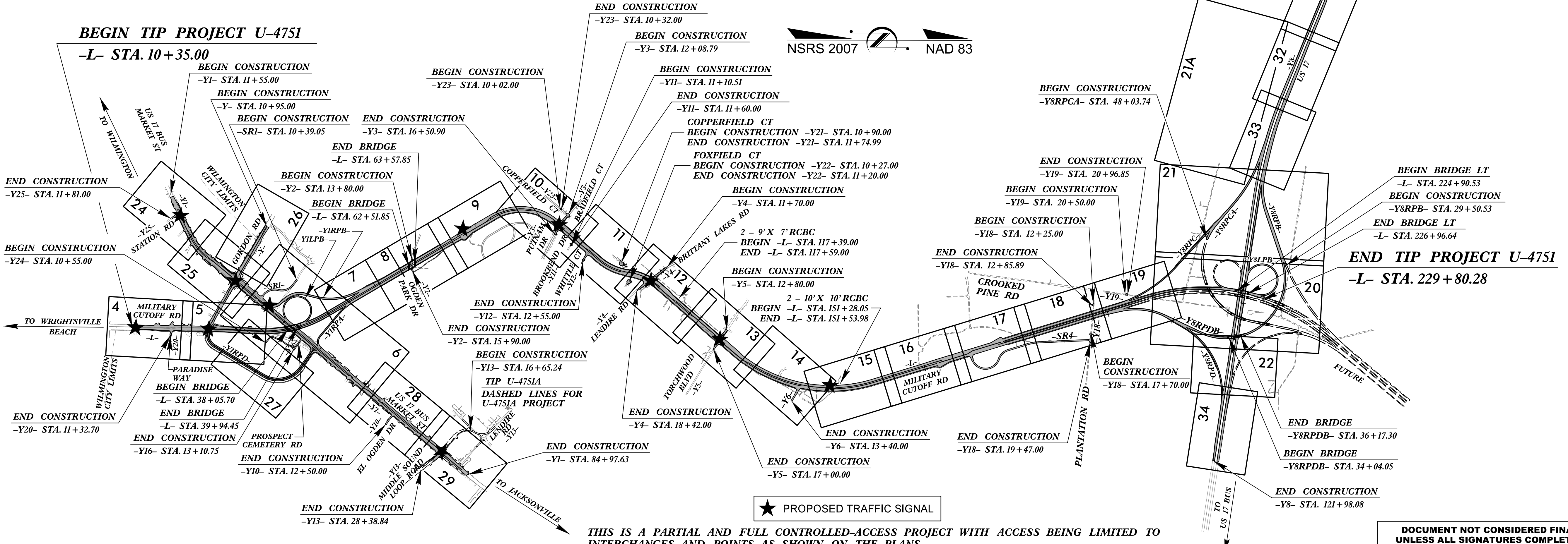
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4751	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40191.1.2		PE	
40191.2.1		RW	
40191.3.2		CONSTRUCTION	
40191.2.3		UTIL	

**TIP PROJECT: U-4751**

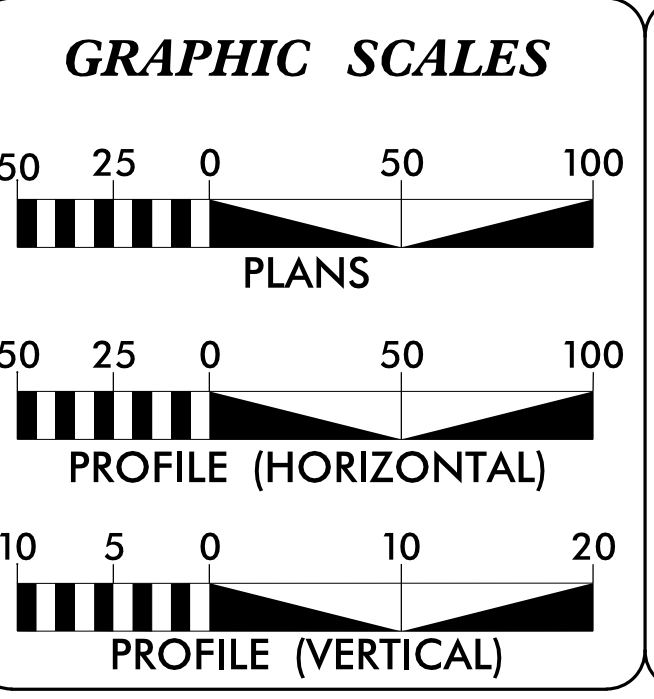
**CONTRACT: C203980**



**FINAL PLANS**



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2017 =	23,900
ADT 2037 =	49,100
K =	12%
D =	60%
T =	7%*
V =	50 MPH
* (TTST = 3% + DUAL 4%)	
FUNC CLASS =	ARTERIAL/FREEWAY STATEWIDE TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT U-4751 =	4.053 MILES
LENGTH STRUCTURE TIP PROJECT U-4751 =	0.103 MILES
TOTAL LENGTH OF TIP PROJECT U-4751 =	4.156 MILES

PLANS PREPARED FOR THE NCDOT BY:

**STV** 100 Years  
STV Engineers, Inc.  
900 West Trade St., Suite 715  
Charlotte, NC 28202  
NC License Number F-0991

2012 STANDARD SPECIFICATIONS	<b>JOHN N. JOHNSON, PE</b> PROJECT ENGINEER
RIGHT OF WAY DATE: APRIL 17, 2015	<b>SEAN C. STEPHENS, PE</b> PROJECT DESIGN ENGINEER
LETTING DATE: OCTOBER 17, 2017	<b>GARY LOVERING, PE</b> PROJECT ENGINEER NCDOT ROADWAY DESIGN

**HYDRAULICS ENGINEERS**

**EDWARD VANCE, PE**  
SEAL 029368  
SIGNATURE: [Signature]

**SEAN C. STEPHENS, PE**  
SEAL 26971  
SIGNATURE: [Signature]

**ROADWAY DESIGN ENGINEER**

**SEAN C. STEPHENS, PE**  
SEAL 043891  
SIGNATURE: [Signature]

