

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

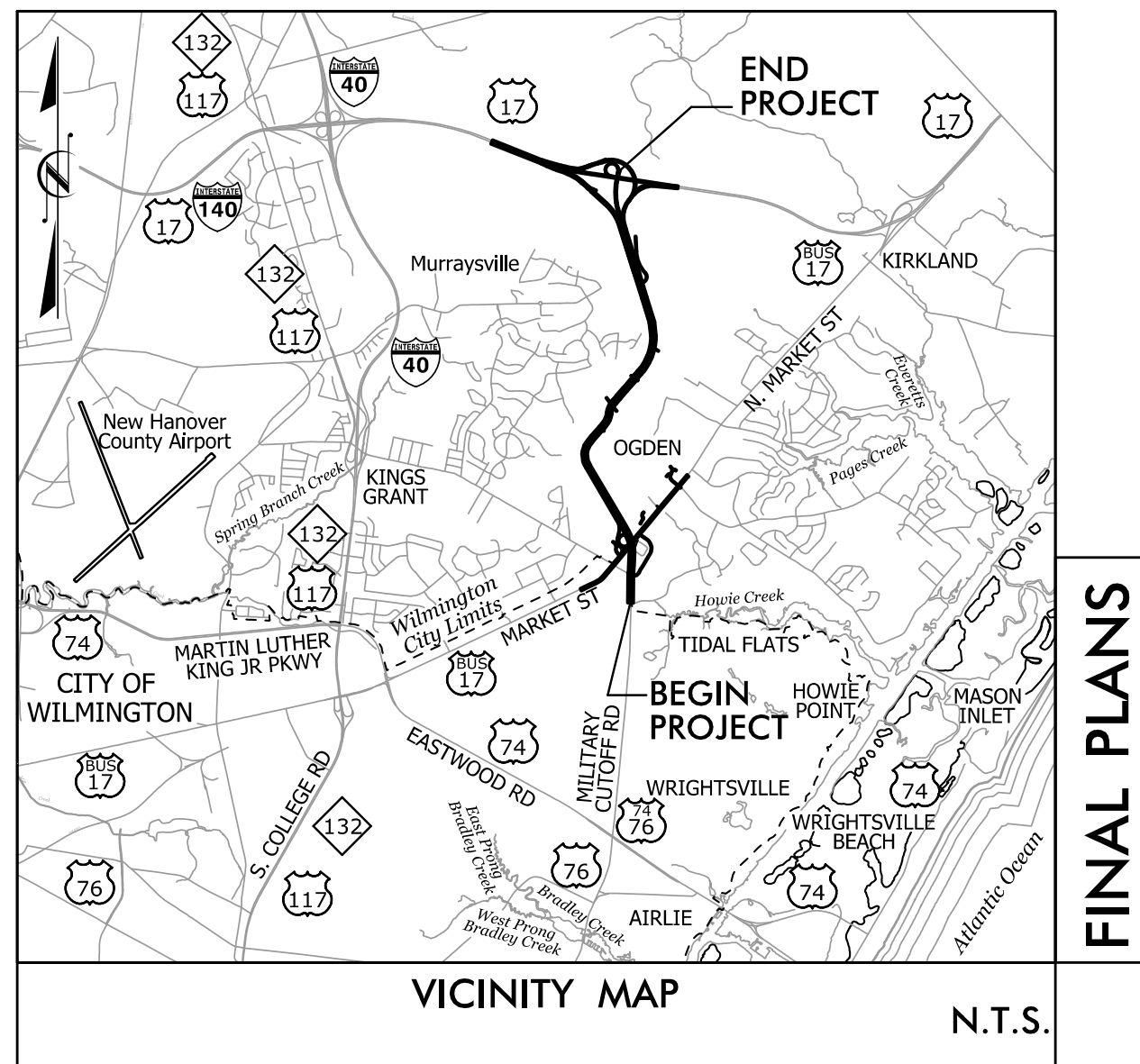
NEW HANOVER COUNTY

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

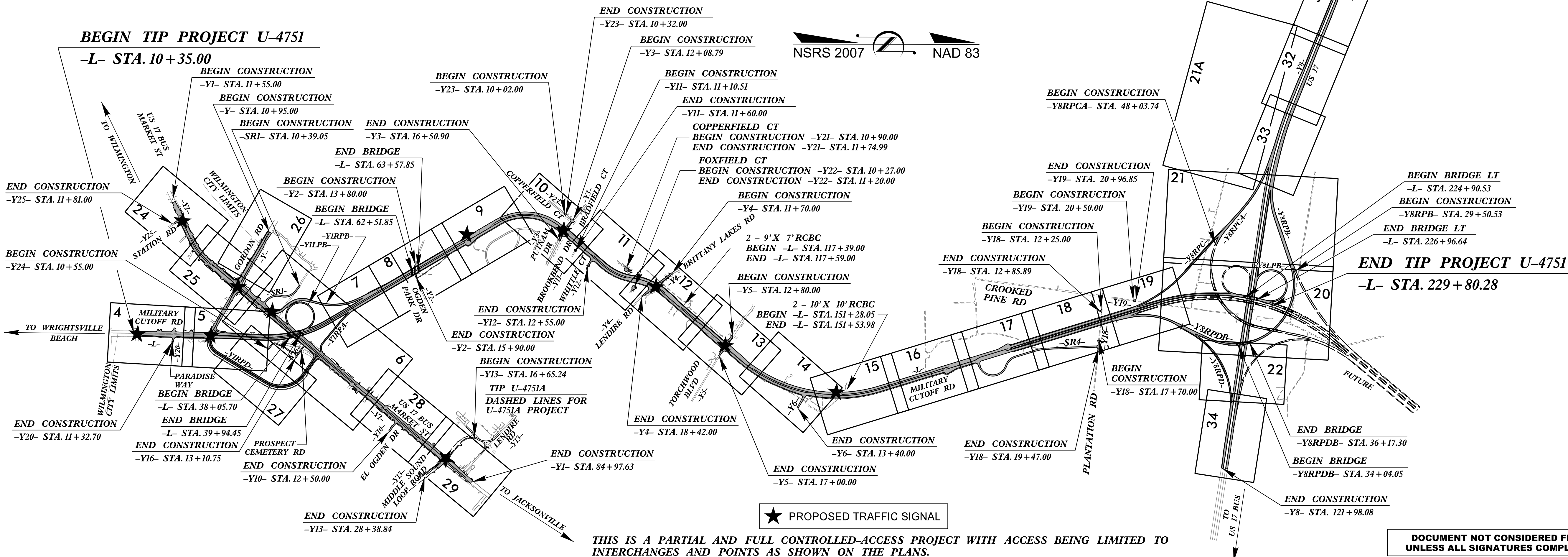
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERTS,
RETAINING WALLS, SIGNALS, NOISE WALLS, AND SIGNING**

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	

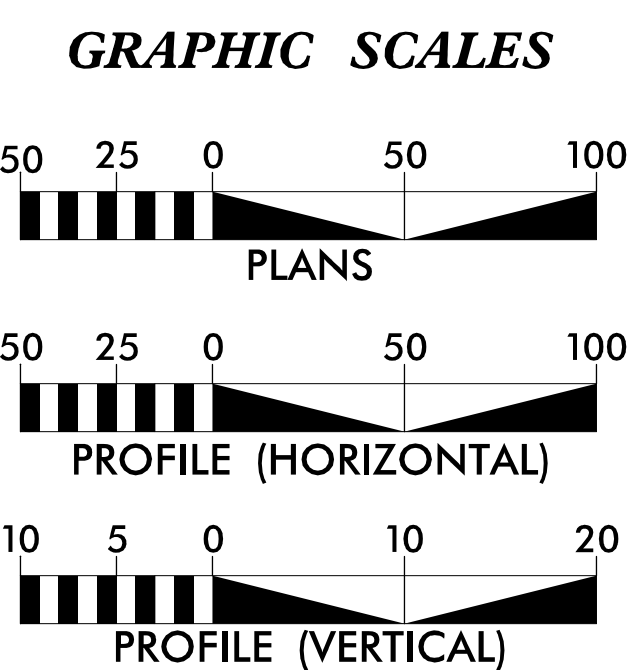
TIP PROJECT: U-4751



FINAL PLANS



CONTRACT: C203980



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	JOHN N. JOHNSON, PE PROJECT ENGINEER
RIGHT OF WAY DATE: APRIL 17, 2015	SEAN C. STEPHENS, PE PROJECT DESIGN ENGINEER
LETTING DATE: NOVEMBER 21, 2017	GARY LOVERING, PE PROJECT ENGINEER NCDOT ROADWAY DESIGN

HYDRAULICS ENGINEERS

ROADWAY DESIGN ENGINEER

Seals and signatures of Sean C. Stephens, P.E. and Gary Loving, P.E.

9/21/2017

