

TIP PROJECT: U-4751

CONTRACT: C203980

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

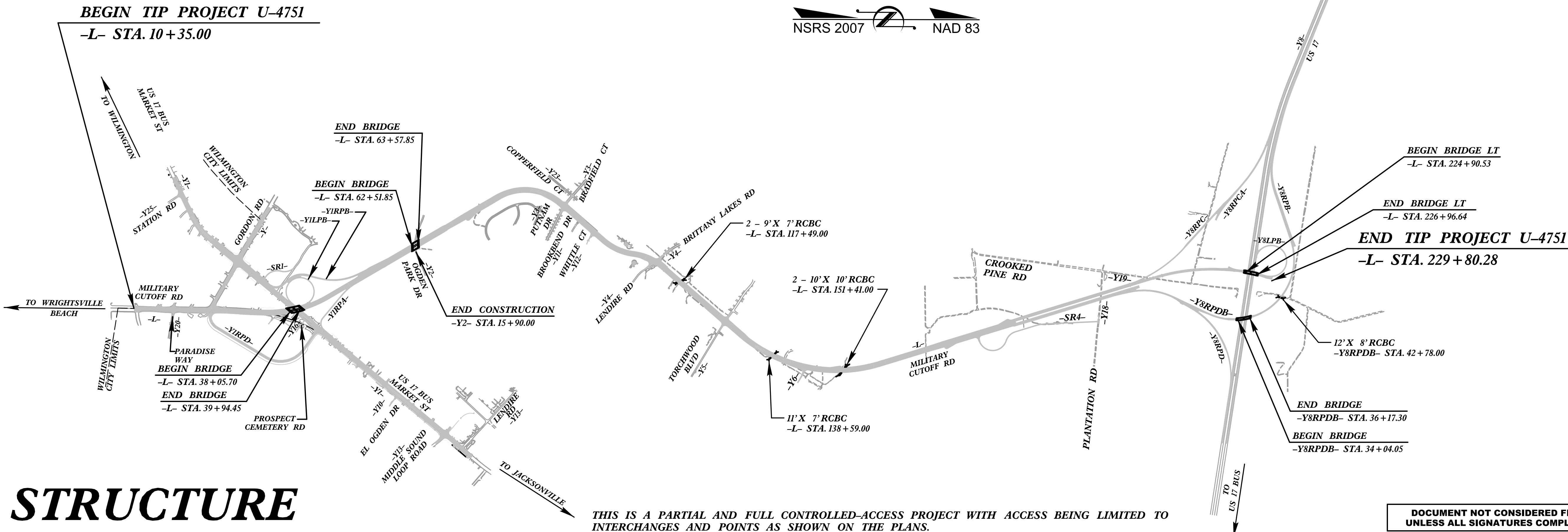
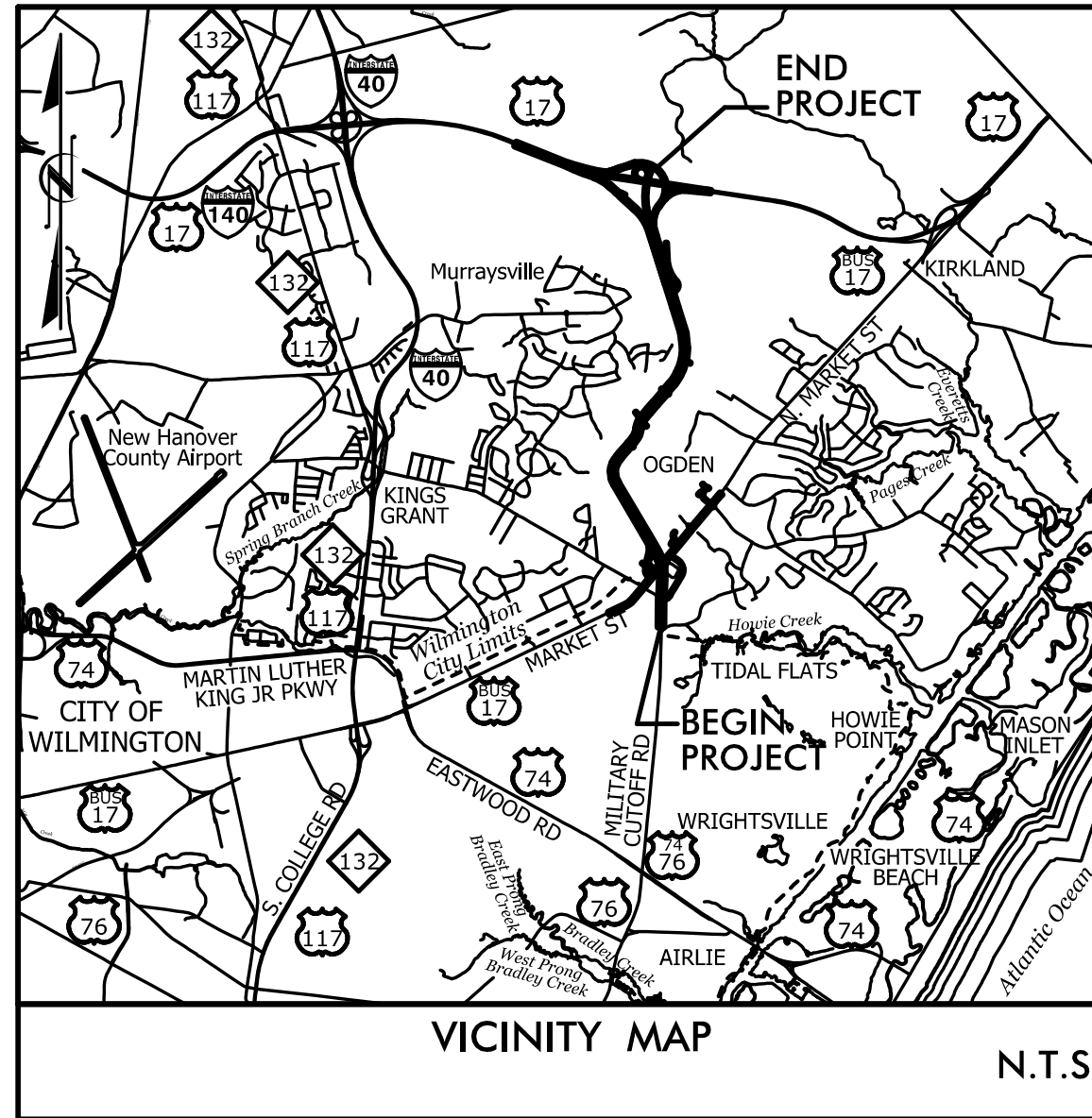
NEW HANOVER COUNTY

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		R/W	
40191.3.2		CONSTRUCTION	

FINAL STRUCTURE PLANS



NSRS 2007 NAD 83

STRUCTURE

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

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

RIGHT OF WAY DATE:
APRIL 17, 2015

LETTING DATE:
OCTOBER 17, 2017

KEVIN G. BAILEY, PE
PROJECT ENGINEER

TONY R. LAWS, PE
PROJECT DESIGN ENGINEER

KEVIN FISCHER, PE
PROJECT ENGINEER
NCDOT STRUCTURE DESIGN

STRUCTURAL ENGINEER



DocuSigned by:
Kevin G. Bailey
7/26/2017
P.E.

