

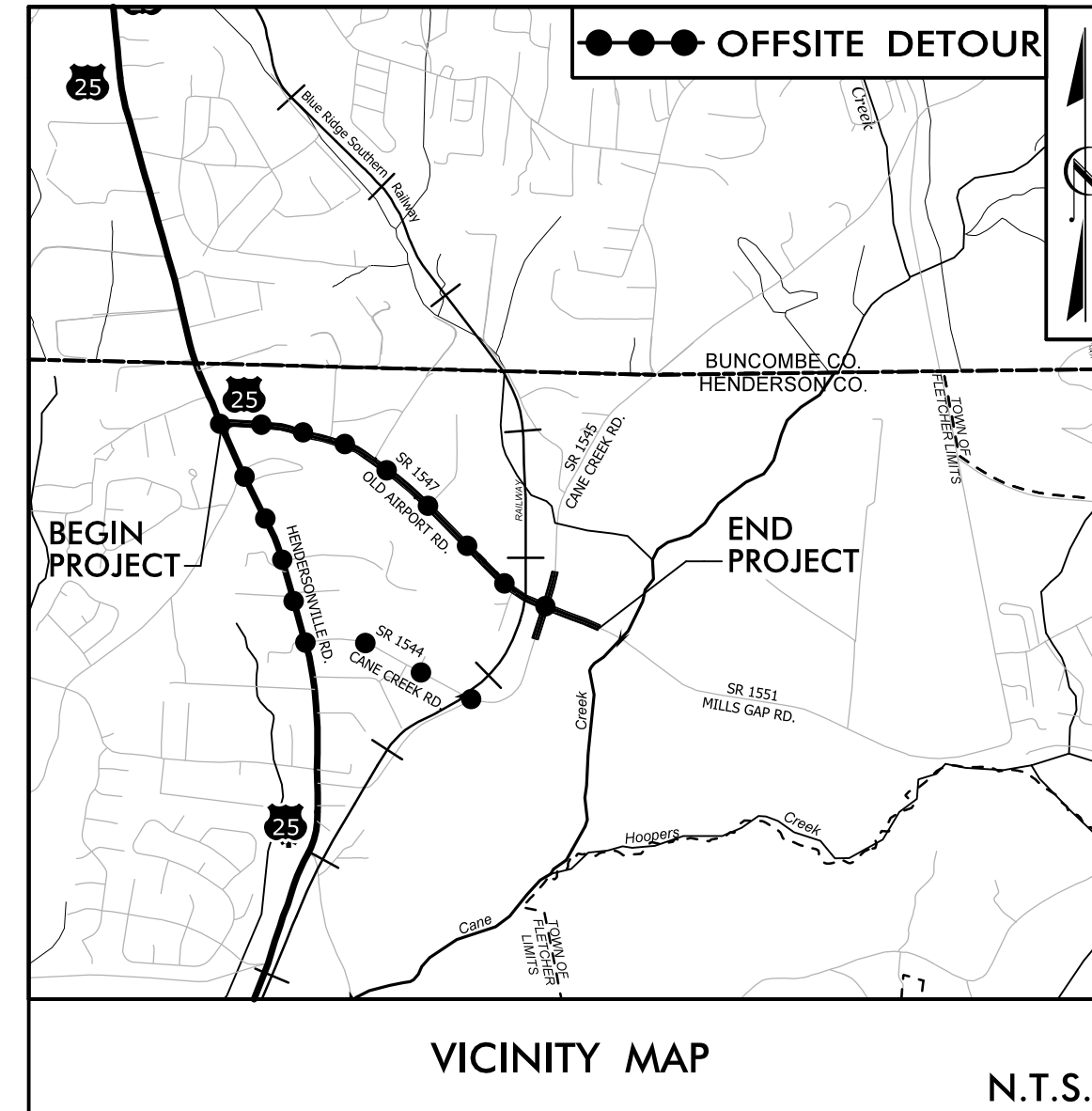
See Sheet 1A For Index of Sheets  
See Sheet 1B For Standard Symbology Sheet

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**HENDERSON COUNTY**

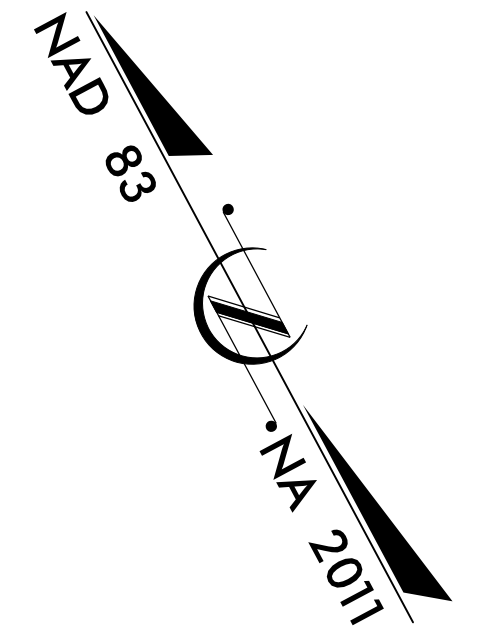
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5840	1	-
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50231.1.D1		P.E.	
50231.2.1		R.O.W./UTILITY	
50231.3.1		CONSTRUCTION	

**TIP PROJECT: U-5840**

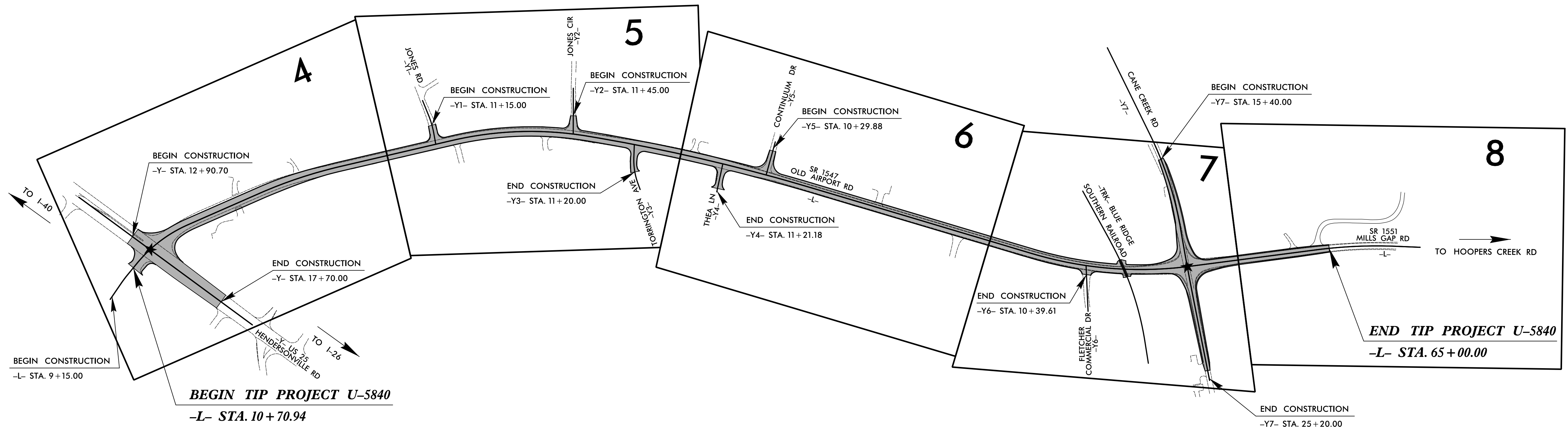


**LOCATION: SR 1547 (OLD AIRPORT ROAD) FROM US 25 (HENDERSONVILLE ROAD) TO SR 1551 (MILLS GAP ROAD)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE, CULVERT, SIGNALS, & RETAINING WALLS**



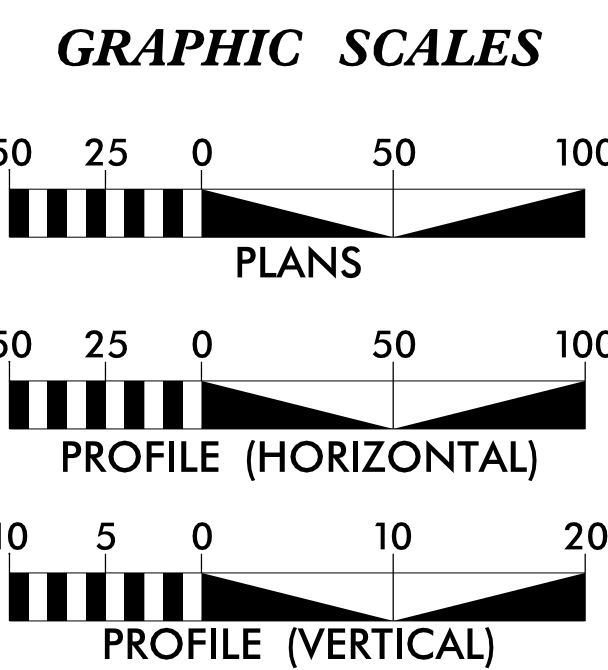
**1. DESIGN EXCEPTIONS APPROVED ON JANUARY 11, 2017 FOR SUPERELEVATION, VERTICAL CURVE K VALUE, AND STOPPING SIGHT DISTANCE.**



★ REVISED SIGNAL

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

**CONTRACT: C204214**



**DESIGN DATA**

ADT 2018 = 9,000  
ADT 2038 = 12,200

K = 6%  
D = 5.5%  
T = 6%\*  
V = 40 MPH

\*TTST = 1%, SU = 5%

FUNC. CLASSIFICATION:  
URBAN COLLECTOR  
SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT U-5840 = 1.028 MILES  
TOTAL LENGTH OF TIP PROJECT U-5840 = 1.028 MILES

DIVISION 14 CONTACT: J. SCOTT MILLER, III  
DIVISION 14 DESIGN CONSTRUCTION ENGINEER

PLANS PREPARED FOR DIVISION 14 BY:  
**STV** 100 Years  
STV Engineers, Inc.  
900 West Trade St., Suite 715  
Charlotte, NC 28202  
NC License Number F-0991

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: APRIL 21, 2017

LETTING DATE: DECEMBER 18, 2018

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PROJECT ENGINEER

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PROJECT DESIGNER

**HYDRAULICS ENGINEER**

Edward J. Vance  
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9/20/2018

**ROADWAY DESIGN ENGINEER**

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