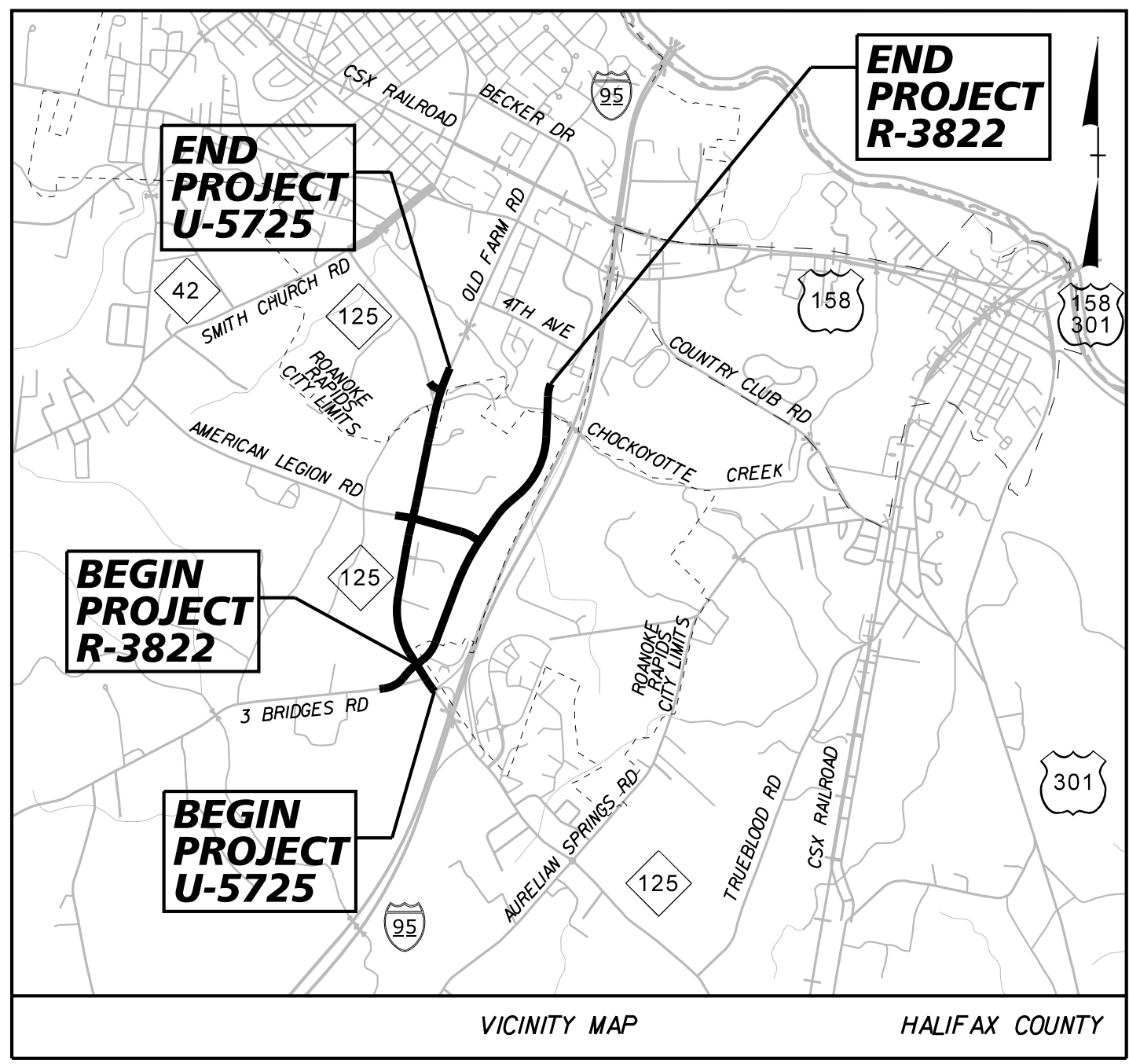


09/28/19

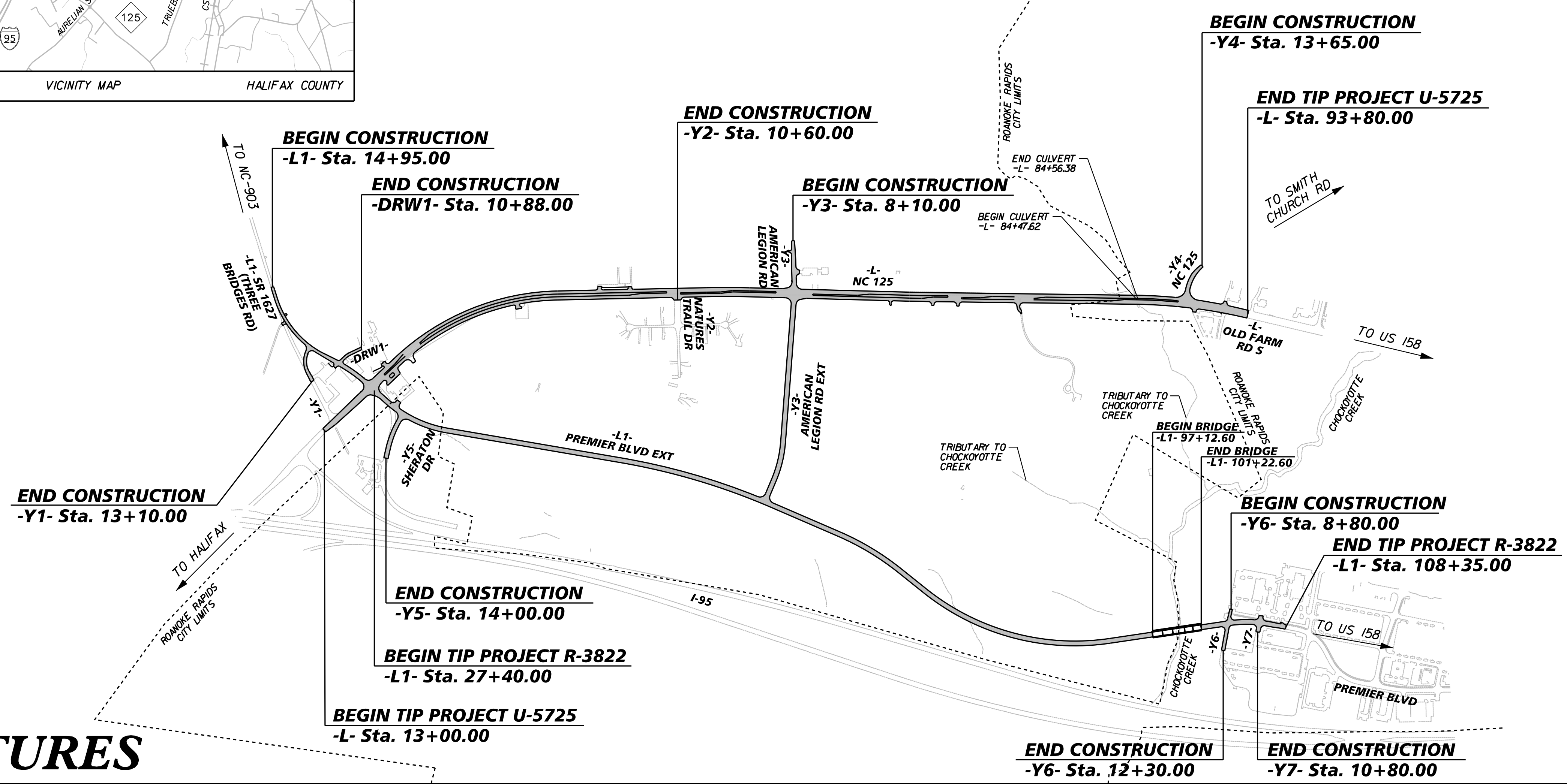
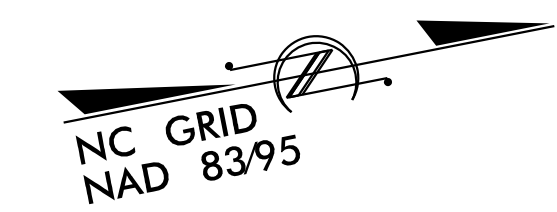
CONTRACT: C204149 TIP PROJECTS: U-5725/R-3822

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
HALIFAX COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5725R-3822		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50162.1.1		P.E. (U-5725)	
50162.2.1		RW (U-5725)	
50162.2.2		UTIL. (U-5725)	
37765.1.6		P.E. (R-3822)	
37765.2.5		RW, UTIL. (R-3822)	
50162.3.1		CONST. (U-5725R-3822)	



LOCATION: NC 125 FROM I-95 TO OLD FARM ROAD SOUTH, SR 1627 (THREE BRIDGES ROAD) FROM NC 125 TO PREMIER BOULEVARD
TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES



STRUCTURES

U-5725 DESIGN DATA

AADT 2018 =	10600
AADT 2040 =	15100
K =	10%
D =	55%
T =	3%*
V =	50 MPH
* (TTST 1% + DUAL 2%)	
FUNCTIONAL CLASSIFICATION:	
RURAL ARTERIAL REGIONAL TIER	

R-3822 DESIGN DATA

AADT 2018 =	0
AADT 2040 =	3200
K =	8%
D =	55%
T =	3%*
V =	40 MPH
* (TTST 1% + DUAL 2%)	
FUNCTIONAL CLASSIFICATION:	
LOCAL SUB-REGIONAL TIER	

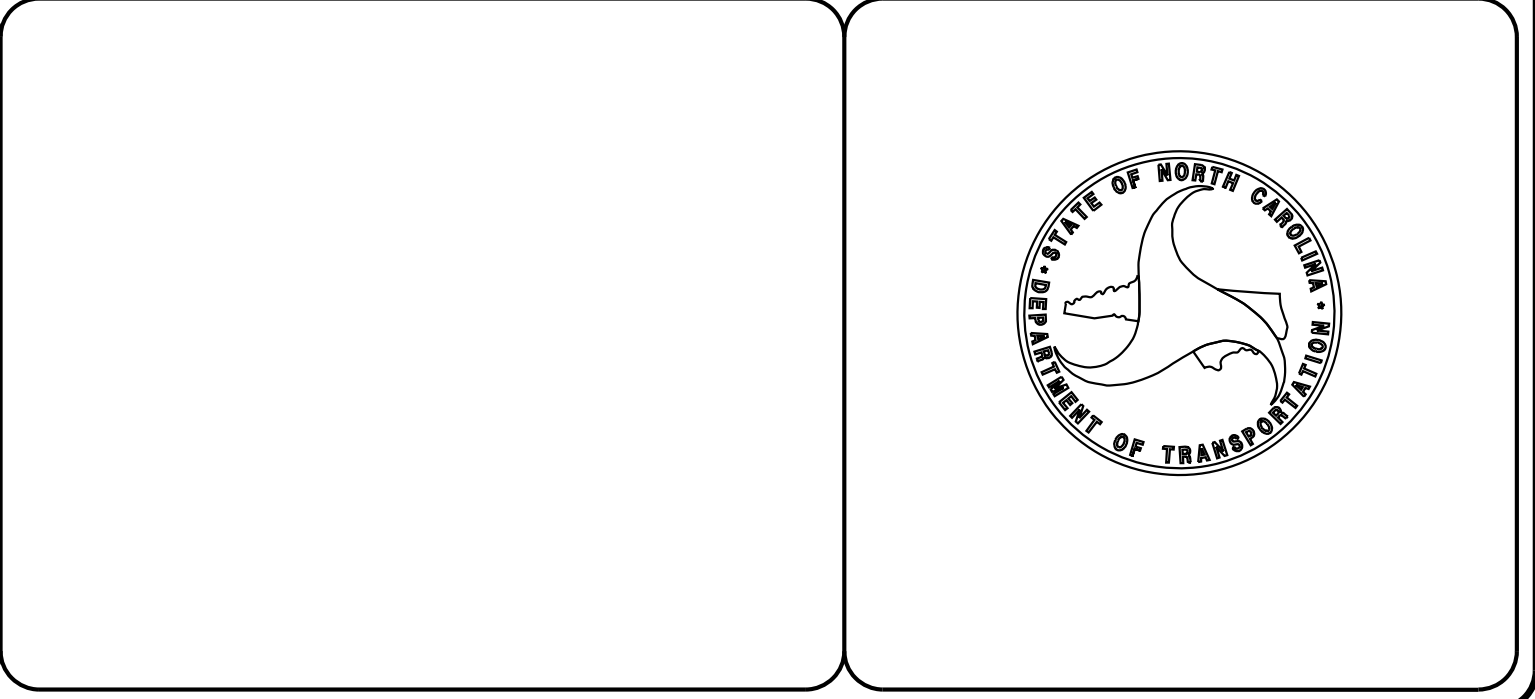
PROJECT LENGTH

LENGTH ROADWAY	TIP PROJECT R-3822 = 1.455 MILES
LENGTH STRUCTURE	TIP PROJECT R-3822 = 0.078 MILES
TOTAL LENGTH	TIP PROJECT R-3822 = 1.533 MILES
LENGTH ROADWAY	TIP PROJECT U-5725 = 1.530 MILES
TOTAL LENGTH	TIP PROJECT U-5725 = 1.530 MILES

PLANS PREPARED FOR THE NCDOT BY: **Kimley Horn**

2018 STANDARD SPECIFICATIONS

LETTING DATE: SEPTEMBER 2018



6/28/2018