

09_08/2019

See Sheet 1A For Index of Sheets
 See Sheet 1B For Conventional Plan Sheet Symbols
 See Sheets RW01 thru RW05 For Survey Control & Right-of-Way Sheets

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

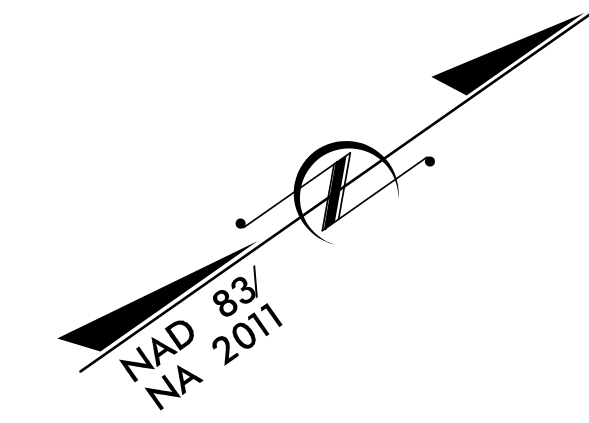
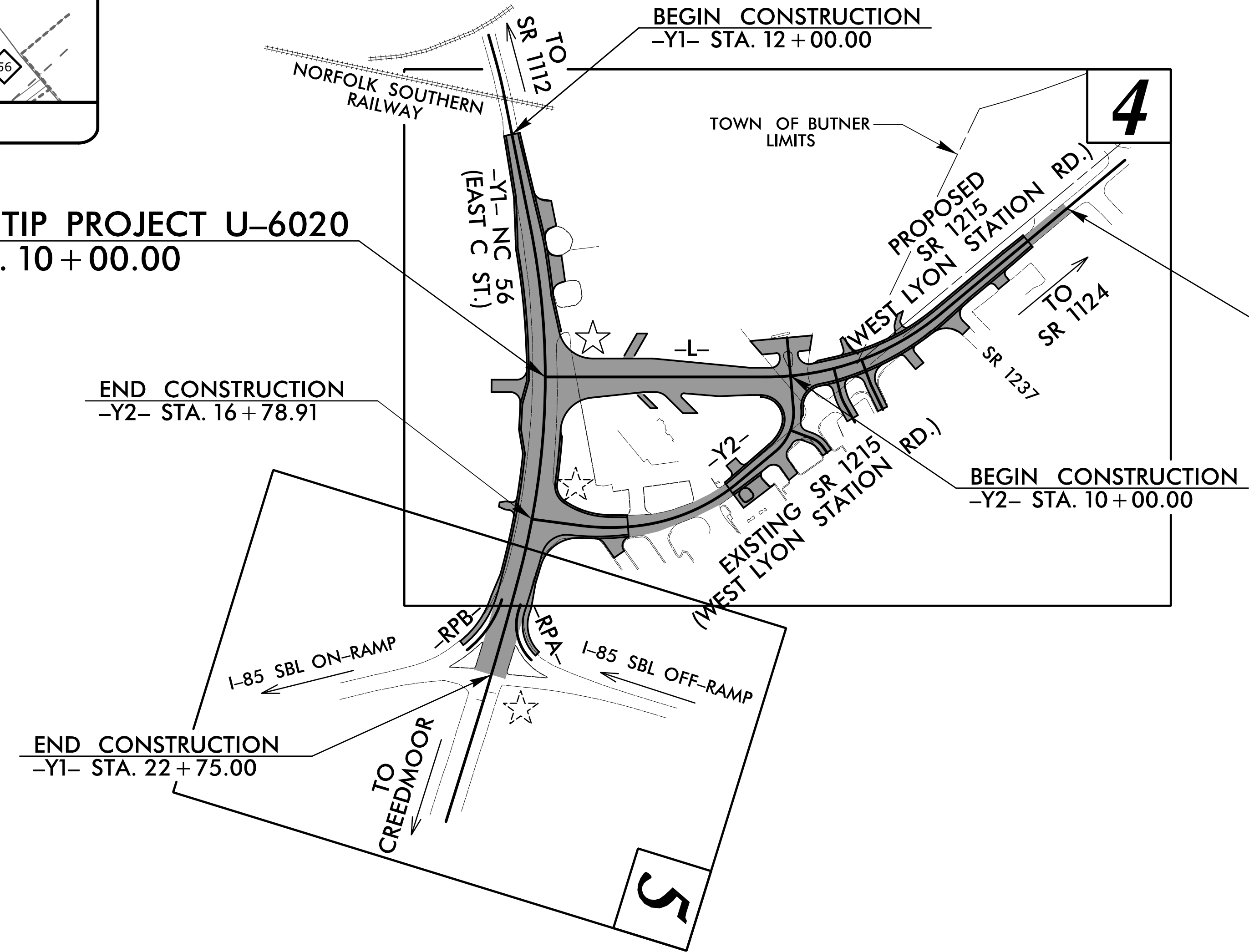
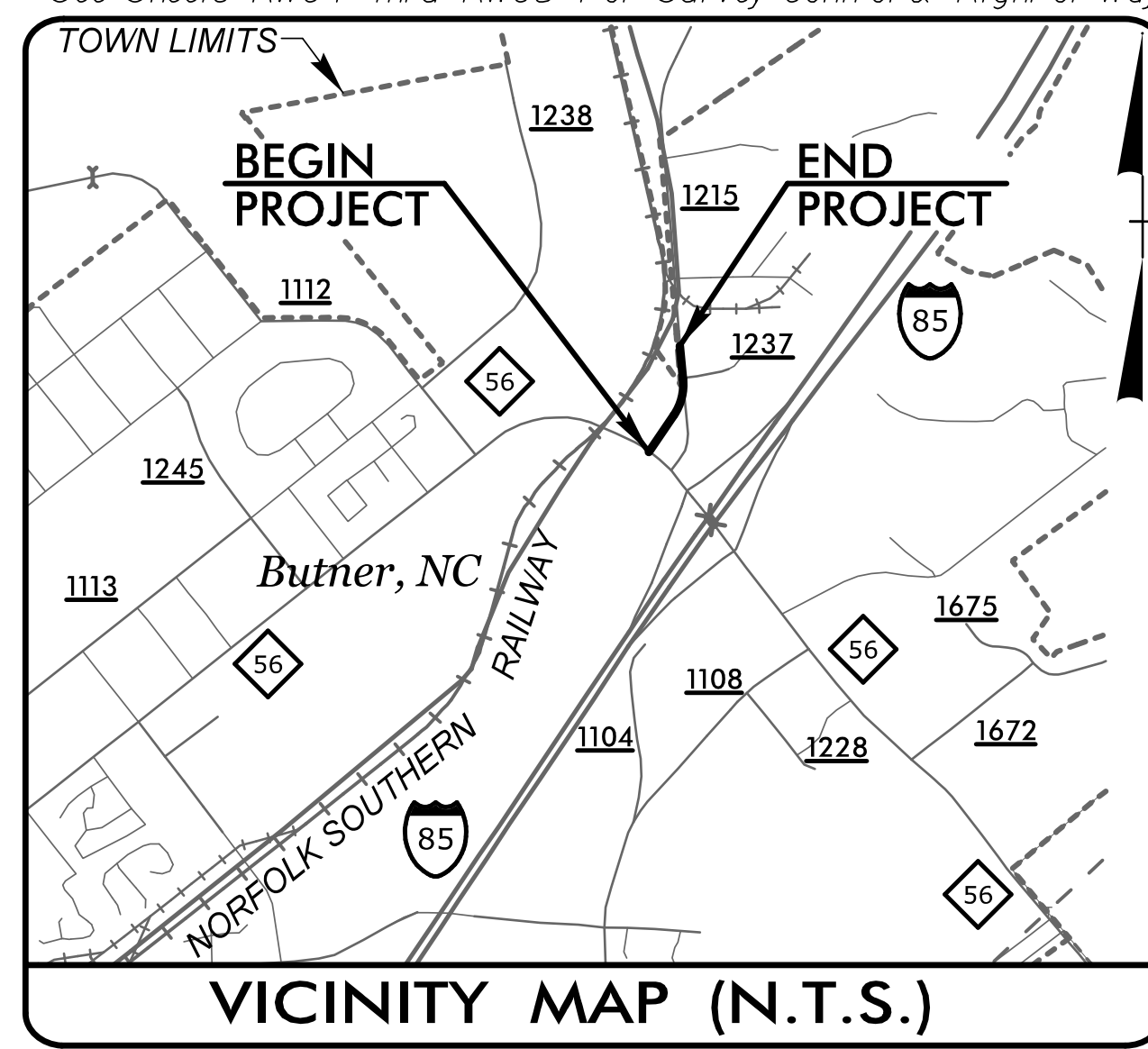
GRANVILLE COUNTY

LOCATION: REALIGNMENT OF SR 1215 (WEST LYON STATION ROAD) AT NC 56 (EAST C STREET) IN BUTNER
TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNAL, AND BRIDGE PRESERVATION

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-6020	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
47165.1.1		PE	
47165.2.1		R/W	
47165.2.2		UTIL	
47165.3.1		CONST.	

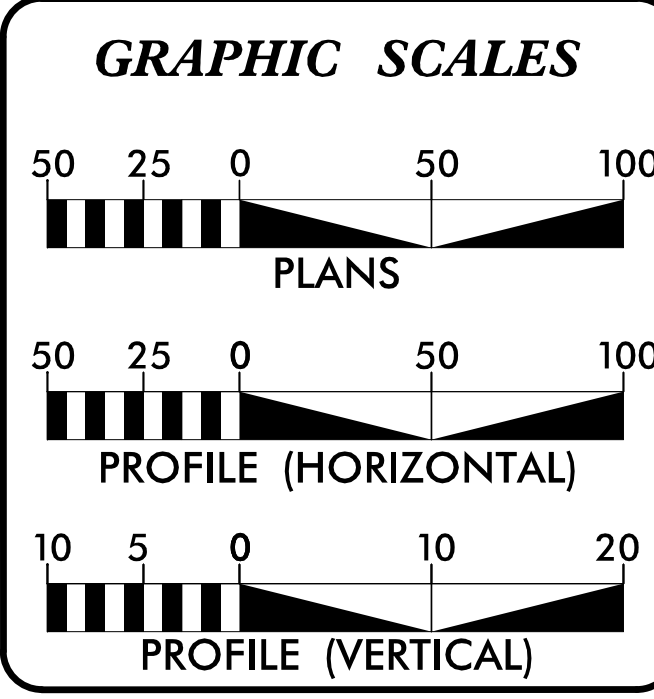
TIP PROJECT: U-6020

CONTRACT: C204944



- ☆ PROPOSED SIGNAL
- ☆ EXISTING SIGNAL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2024 =	9600
ADT 2044 =	11350
K =	9 %
D =	70 %
T =	7 % *
V =	40 MPH
* (TTST 2% + DUAL 5%)	
FUNC CLASS =	MINOR COLLECTOR
REGIONAL TIER DESIGN	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-6020	=	0.213 mile
TOTAL LENGTH TIP PROJECT U-6020	=	0.213 mile

Prepared For:
DIVISION OF HIGHWAYS
 1000 Birch Ridge Dr., Raleigh NC, 27610

By:
 TGS ENGINEERS
 706 HILLSBOROUGH ST
 SUITE 200
 RALEIGH, NC 27603

PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 SEPTEMBER 14, 2018

LETTING DATE:
 NOVEMBER 19, 2024

V. MARCUS LOWERY, PE
 PROJECT ENGINEER

BEN UPSHAW, PE
 NCDOT CONTACT

HYDRAULICS ENGINEER

Signed by:
 David B. Petty
 P.E. 038697
 8/28/2024 11:23 AM PDT

ROADWAY DESIGN ENGINEER

DocuSigned by:
 Marcus Lowery
 P.E. 027418
 8/28/2024 1:31:09 AM EDT

