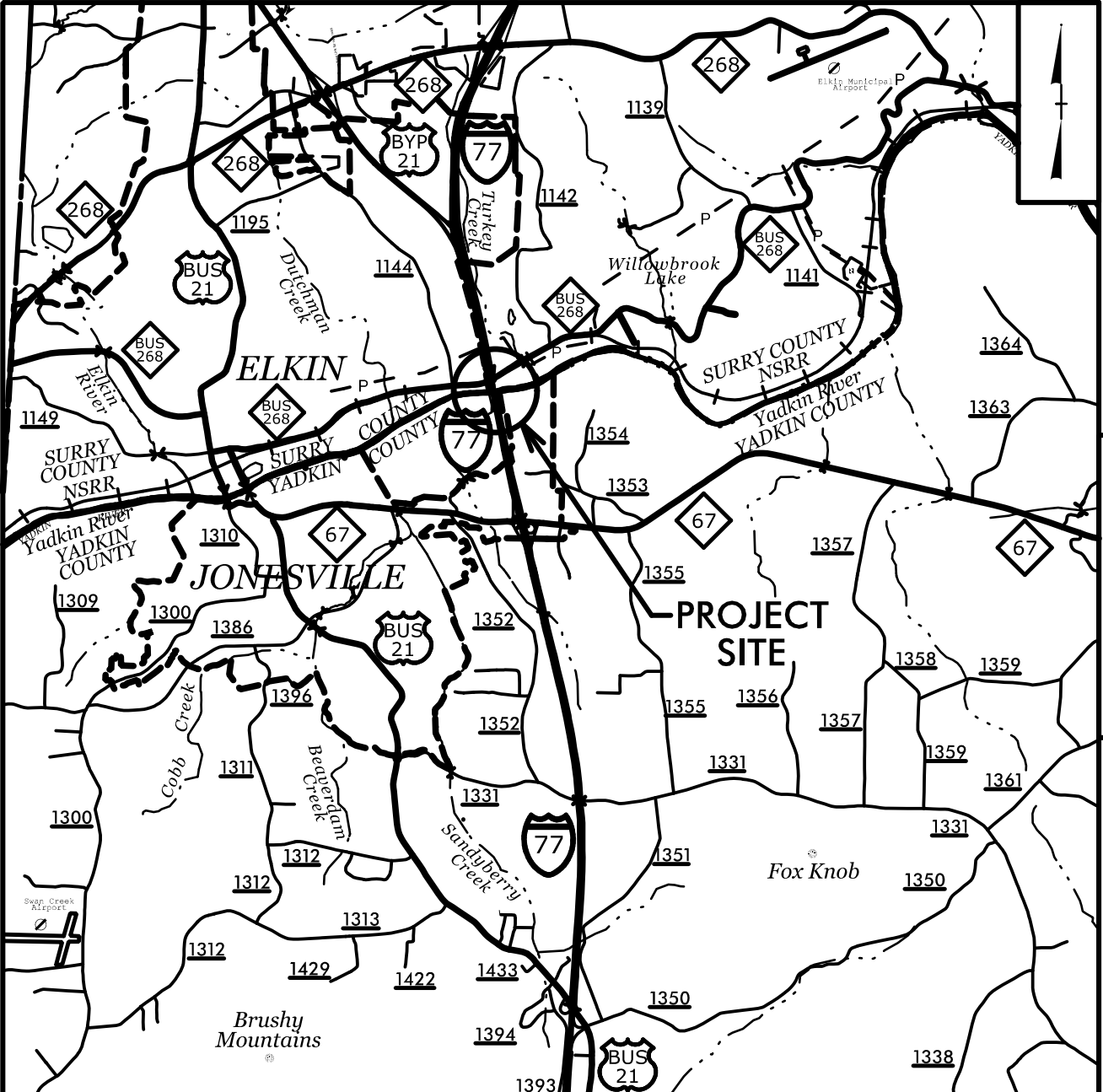


TIP PROJECT: B-5831

CONTRACT: C205044

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols
See Sheet RW01 thru RW04 For Survey Control & Right-of-Way Sheets



VICINITY MAP

FINAL PLANS

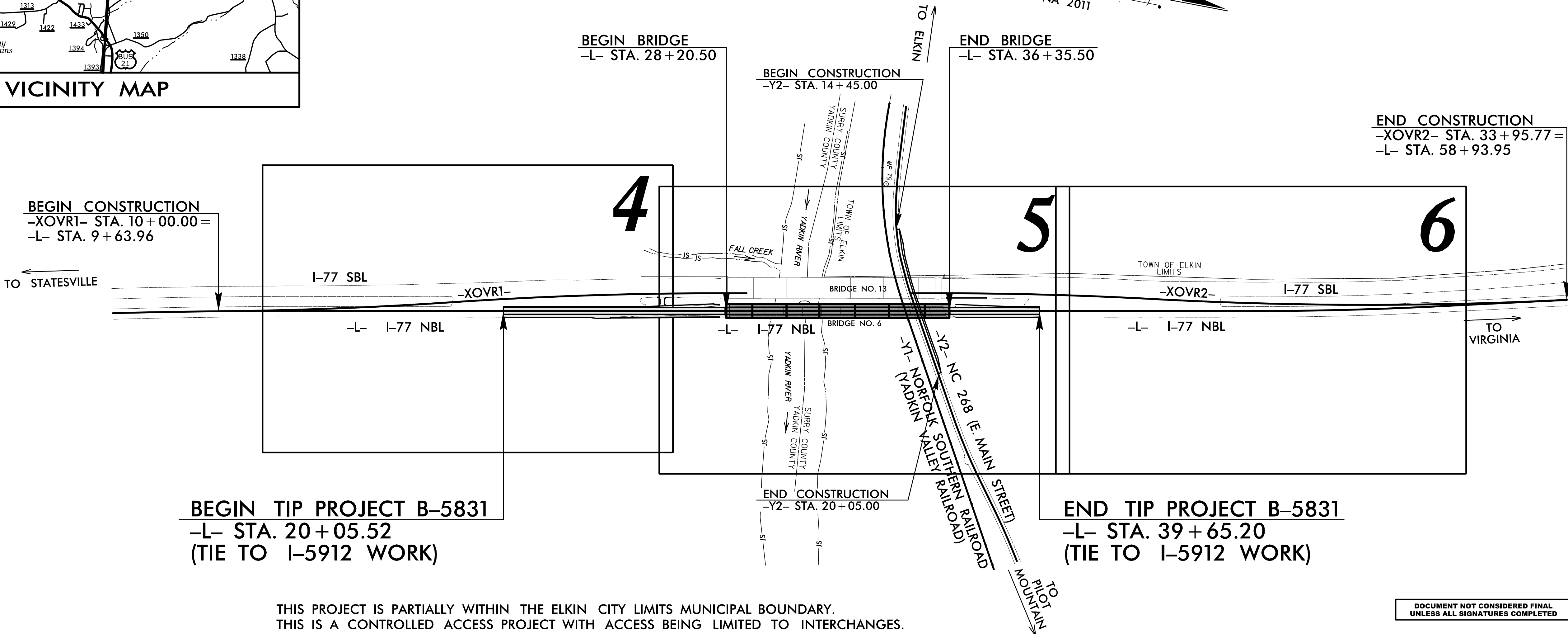
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

YADKIN & SURRY COUNTIES

LOCATION: REPLACE BRIDGE NO. 6 OVER YADKIN RIVER,
NORFOLK SOUTHERN RAILROAD, AND NC 268 ON I-77 NBL

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5831	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45784.1.2		PE	
45784.2.1	0077006	RW, UTIL.	
45784.3.1	0077006	CONST	



THIS PROJECT IS PARTIALLY WITHIN THE ELKIN CITY LIMITS MUNICIPAL BOUNDARY.
THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

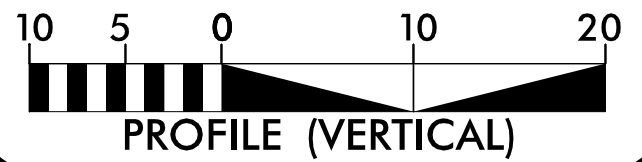
GRAPHIC SCALES



PLANS



PROFILE (HORIZONTAL)



PROFILE (VERTICAL)

DESIGN DATA

ADT 2025 = 41,170
ADT 2045 = 50,420
K = 7 %
D = 55 %
T = 21 % *
V = 75 MPH

* (TTST 17% + DUAL 4%)

FUNC CLASS = INTERSTATE
STATEWIDE TIER DESIGN

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5831 = 0.217 mile
LENGTH STRUCTURES TIP PROJECT B-5831 = 0.154 mile
TOTAL LENGTH TIP PROJECT B-5831 = 0.371 mile

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



TGS ENGINEERS
706 HILLSBOROUGH ST.
SUITE 200
RALEIGH, NC 27603

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

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 10, 2024

LETTING DATE:
NOVEMBER 18, 2025

V. MARCUS LOWERY, P.E.
PROJECT ENGINEER

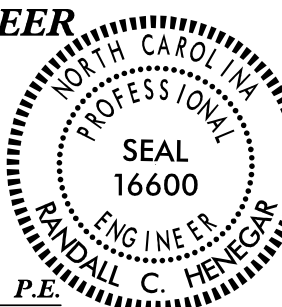
DAVID STUTTS, P.E.
NCDOT CONTACT

HYDRAULICS ENGINEER

9/12/2025

DocuSigned by:
R.C. Hargrett

SIGNATURE:



ROADWAY DESIGN
ENGINEER

9/12/2025

DocuSigned by:
Marius Lowery

SIGNATURE:

