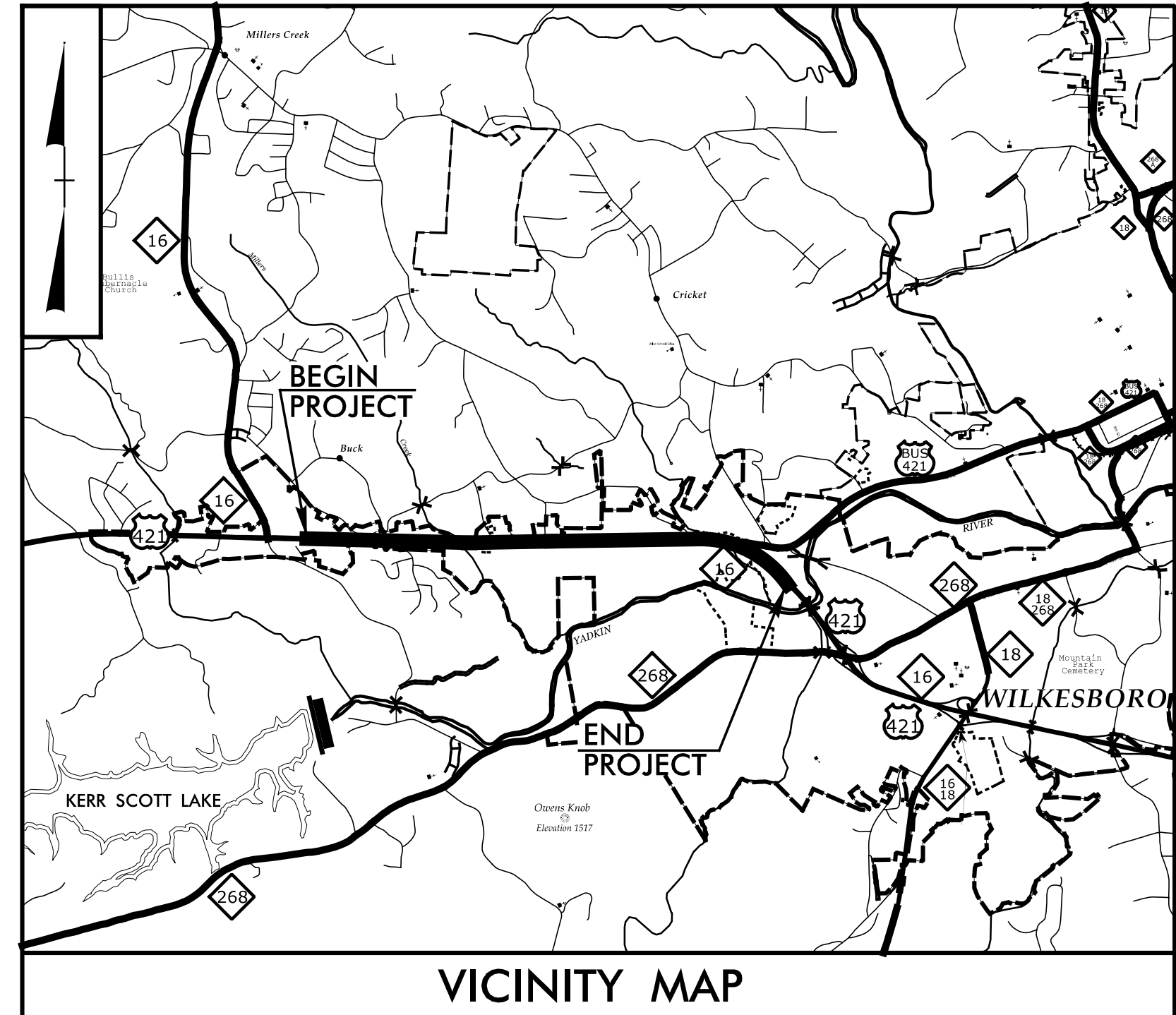


09/28/2019

TIP PROJECT: U-5312

CONTRACT: C204841

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



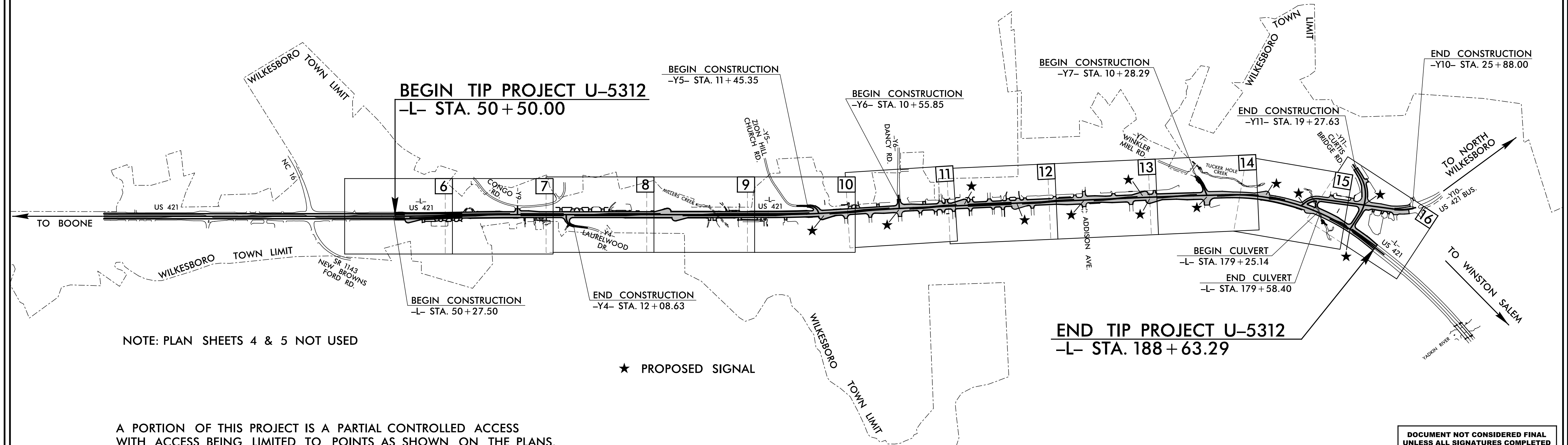
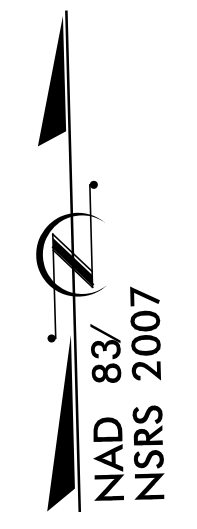
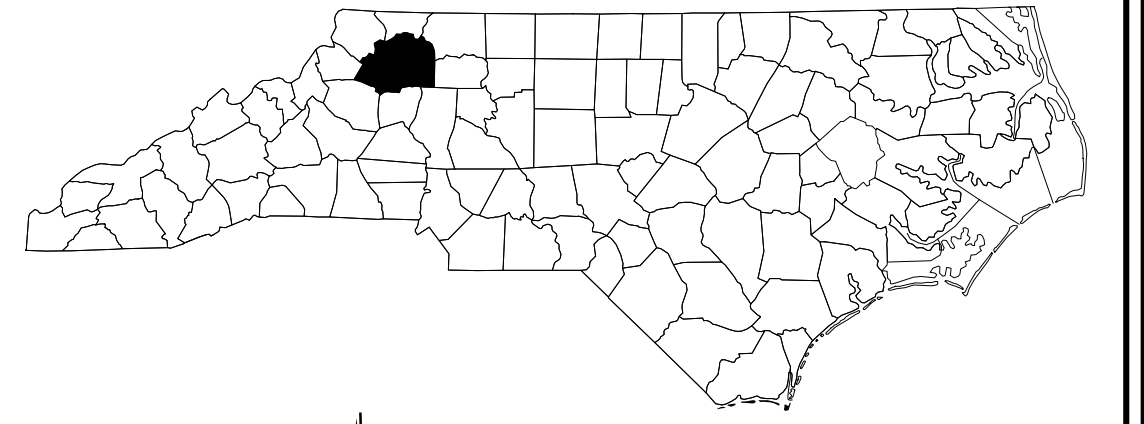
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
WILKES COUNTY

LOCATION: US 421 FROM EAST OF NC 16 TO US 421 BUSINESS IN WILKESBORO

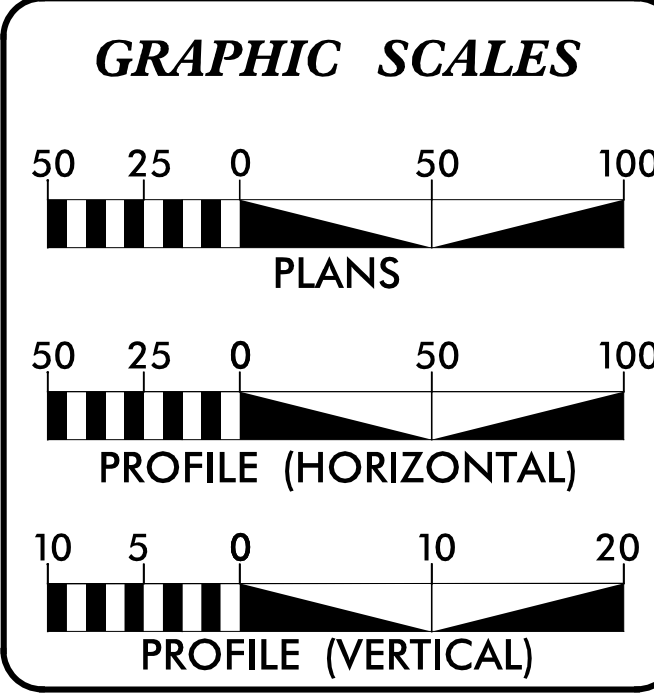
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, SIGNALS, AND ITS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	U-5312	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
45446.1.1	NHS-0421(072)	PE
45446.2.1	NHS-0421(072)	R/W
45446.2.U1	NHS-0421(072)	UTILITY
45446.3.1	NHS-0421(072)	CONST.



A PORTION OF THIS PROJECT IS A PARTIAL CONTROLLED ACCESS WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2023 =	37,700
ADT 2040 =	41,900
K =	8 %
D =	55 %
T =	5 % *
V =	50 MPH
* TTST =	2% DUAL 3%
FUNC CLASS =	ARTERIAL
STATEWIDE TIER	

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT U-5312 =	2.610 MILES
LENGTH OF STRUCTURE TIP PROJECT U-5312 =	0.006 MILES
TOTAL LENGTH OF TIP PROJECT U-5312 =	2.616 MILES

Prepared for the North Carolina Department of Transportation in the office of:

vhb VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27605

SUNGATE DESIGN GROUP, P.A.
101 S. JONES FRANKLIN ROAD
100 W. BIRD, SUITE 200, WILKESBORO, NC 27686
ENG. PERM. LICENSE NO. C-880

2018 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE: FEBRUARY 26, 2018

JIMMY GOODNIGHT, PE
PROJECT ENGINEER

JERRY JAVELLANA, PE
PROJECT DESIGN ENGINEER

LETTING DATE: SEPTEMBER 19, 2023

NCDOT CONTACT: RAMIE SHAW, PE
Division Project Development Engineer

HYDRAULICS ENGINEER

DocuSigned by:
Josh Dalton
SIGNATURE: 4089AD8C14994C3

ROADWAY DESIGN ENGINEER

DocuSigned by:
Jimmy Goodnight
SIGNATURE: 84C824C3A9F6E8

Professional Engineer Seal for Joshua G. Dalton, No. 26971, State of North Carolina, expires 12/31/2023.

Professional Engineer Seal for Jimmy Goodnight, No. 014493, State of North Carolina, expires 12/31/2023.

