

09/28/2024

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols

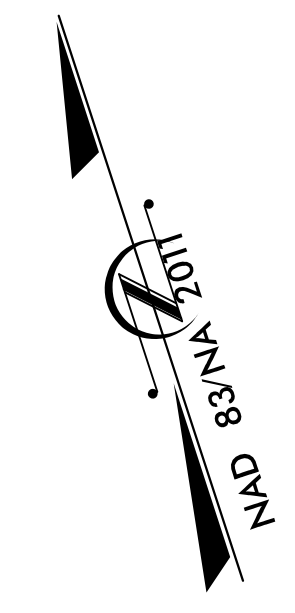
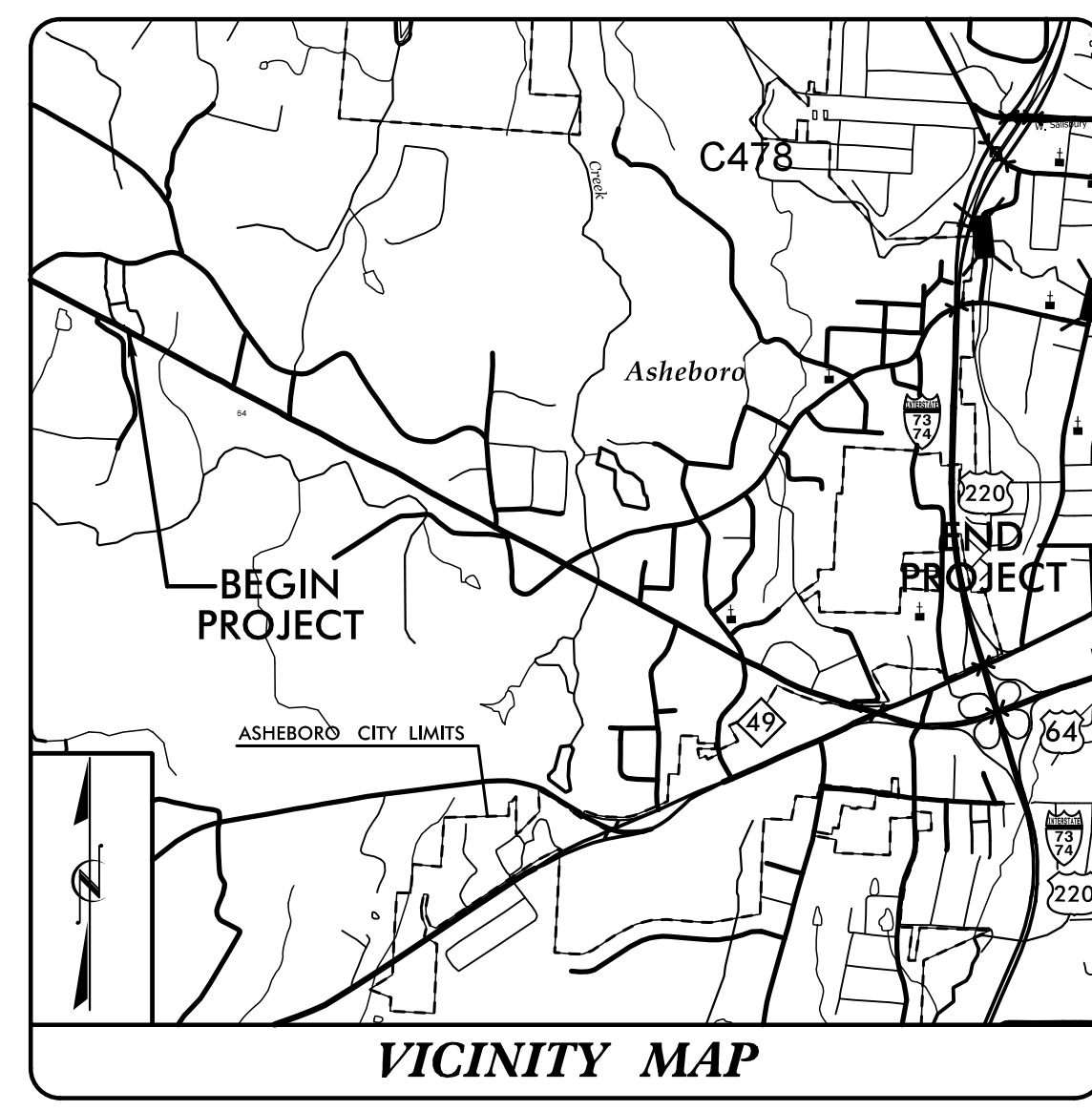
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

RANDOLPH COUNTY

LOCATION: ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US 220 IN ASHEBORO. WIDEN TO MULTILANES, RECONSTRUCT INTERCHANGE AT NC 49, MODIFY INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE BRIDGE 750171 OVER US 64 AND NC 49.

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERT & SIGNALS

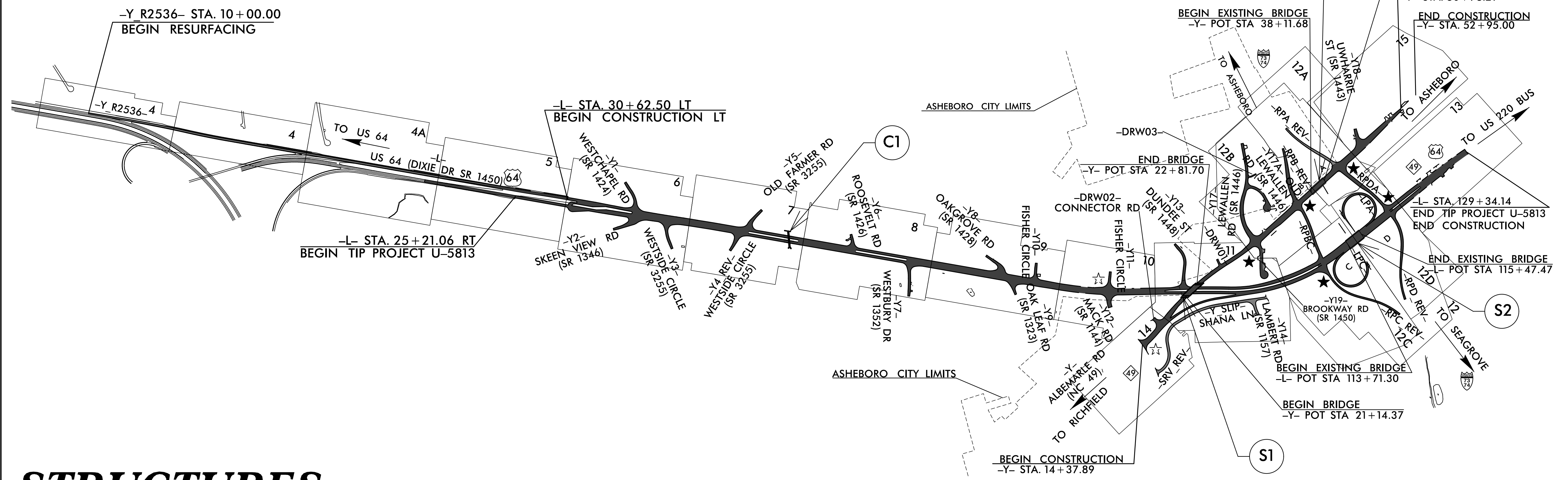
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5813	S-0	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44385.1.3		PE	
44385.2.3	NHP-0064(206)	ROW	
44385.2.4	NHP-0064(206)	UTILITY	
44385.3.3	NHP-0064(206)	CONSTRUCTION	



- ☆ EXISTING SIGNAL
- ★ PROPOSED SIGNAL

TIP PROJECT: U-5813

CONTRACT: C204843



STRUCTURES

A PORTION OF THIS PROJECT IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DESIGN DATA

ADT 2024 =	32,900
ADT 2044 =	36,500
K =	8%
D =	55%
T =	4% *
V =	60 MPH /
	50 MPH (C&G)
* TTST =	3% DUAL 1%
FUNC CLASS =	PRINCIPAL ARTERIAL
	STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5813	=	1.939 MILES
LENGTH EXISTING STRUCTURE TIP PROJECT U-5813	=	0.033 MILES
TOTAL LENGTH TIP PROJECT U-5813	=	1.972 MILES
TOTAL LENGTH BASED ON -L- CENTERLINE AND RIGHT SIDE BEGIN CONSTRUCTION		

PREPARED IN THE OFFICE OF:

HNTB
HNTB NORTH CAROLINA P.C.
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Raleigh, North Carolina 27609
NC License No: C-1554

FOR NCDOT

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 15, 2021

LETTING DATE:
JULY 16, 2024

J. MATTHEW PICKENS, PE
PROJECT ENGINEER

ANDREW J. MCOMBER, PE
PROJECT DESIGN ENGINEER

TERRY FARR, PE
NCDOT CONTACT

STRUCTURES ENGINEER

SEAL 5/8/2024
27812
DAVID W. HAWKINS
ENGINEER
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SIGNATURE: *David W. Hawkins* P.E.

