

TIP PROJECT: U-5108

CONTRACT: C204501

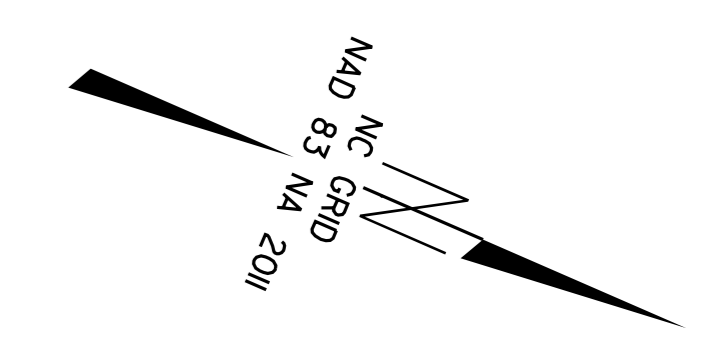
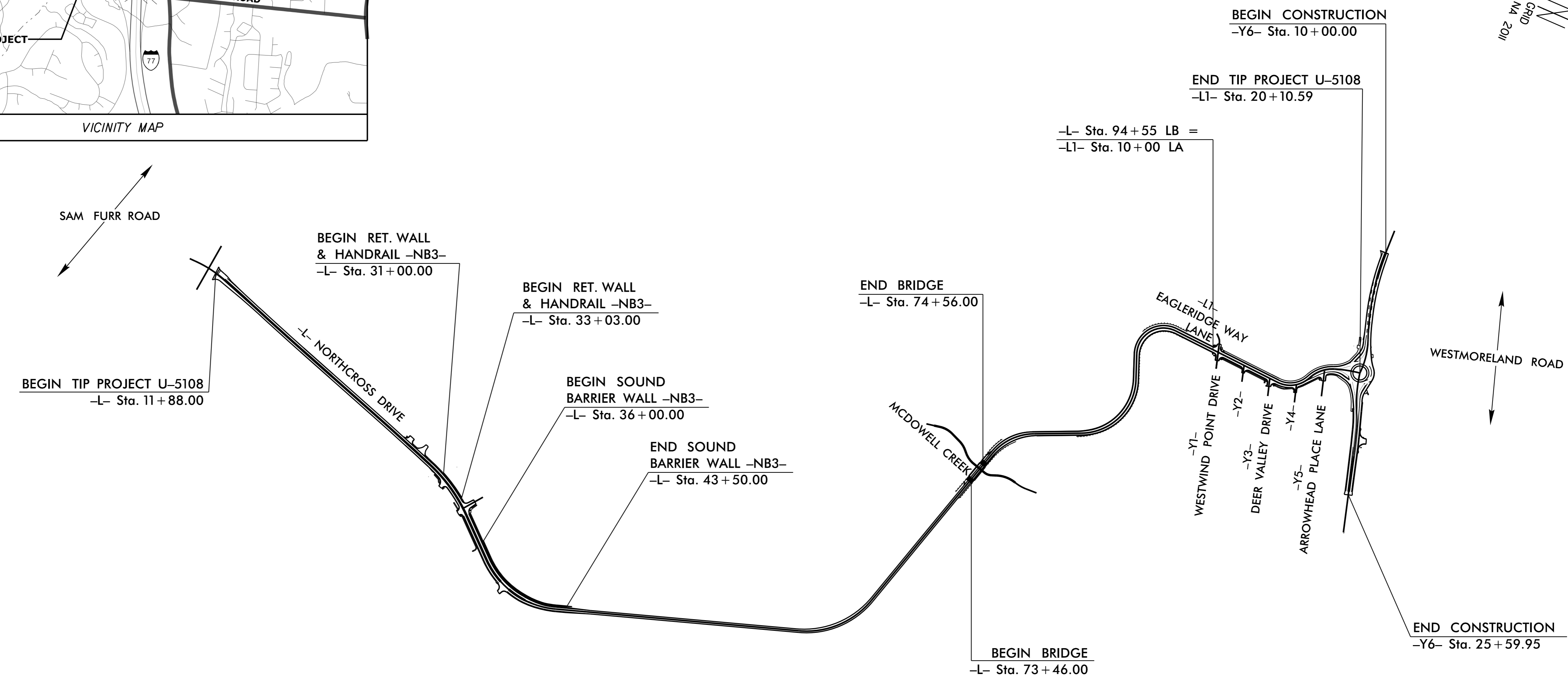
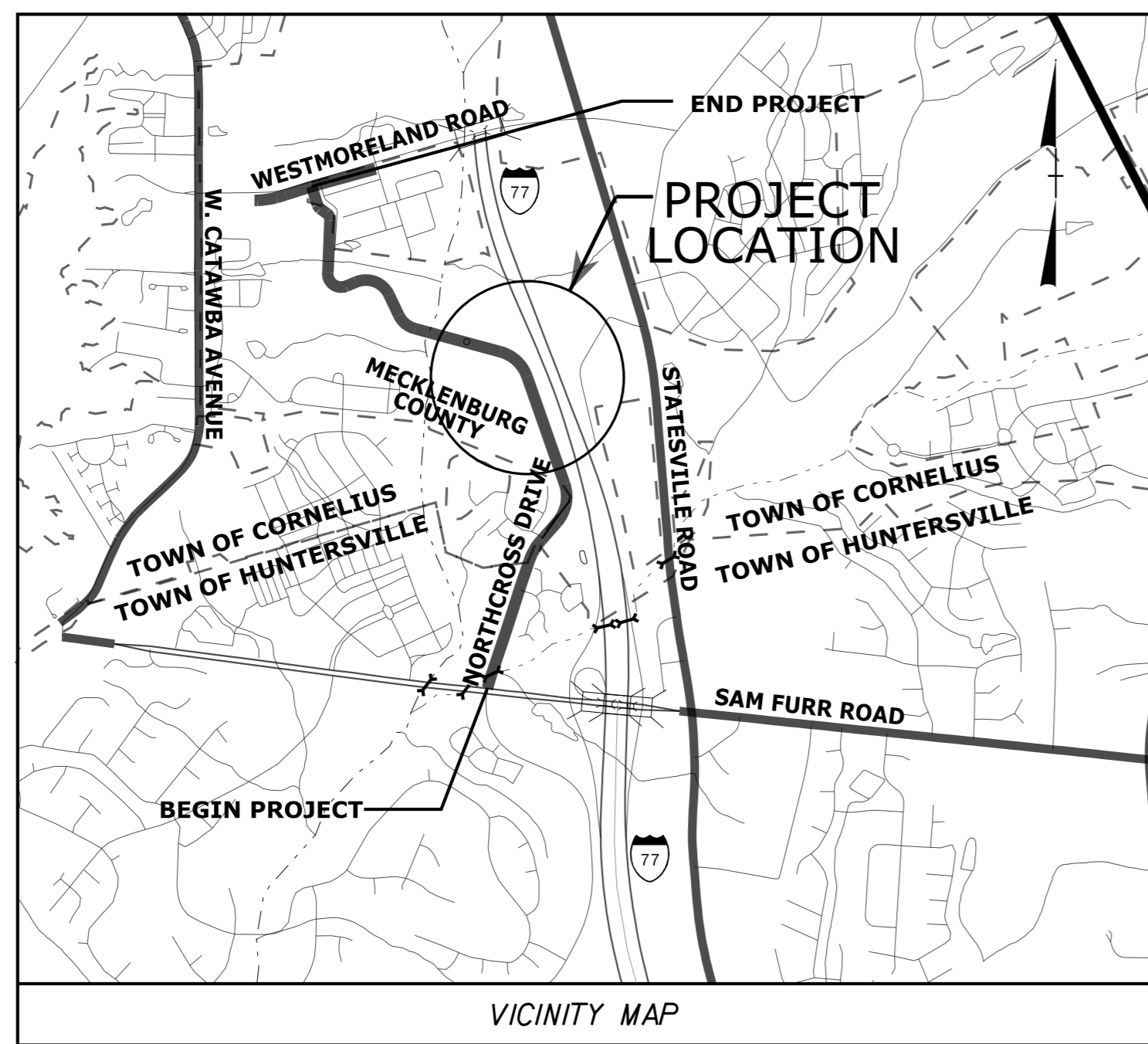
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5108		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42370.1.1		PE	
42370.2.2	STBGDA-1001(078)	RW & UTIL.	
42370.3.3	STBGDA-1001(078)	CONST.	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

LOCATION: NORTHCROSS DRIVE EXTENSION FROM END OF NORTHCROSS DRIVE TO WESTMORELAND ROAD
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURES



STRUCTURES

DESIGN DATA

ADT 2022	=	9900 VPD
ADT 2040	=	16800 VPD
K	=	10%
D	=	70%
T	=	4%*
V	=	25 - 40 MPH

FUNCTIONAL CLASSIFICATION: URBAN MAJOR COLLECTOR

* 1% TTST 3% DUAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5108	=	1.736 MILES
LENGTH STRUCTURE TIP PROJECT U-5108	=	0.021 MILES
TOTAL LENGTH TIP PROJECT U-5108	=	1.757 MILES

PLANS PREPARED FOR THE NCDOT BY:

Kimley»Horn

2024 STANDARD SPECIFICATIONS

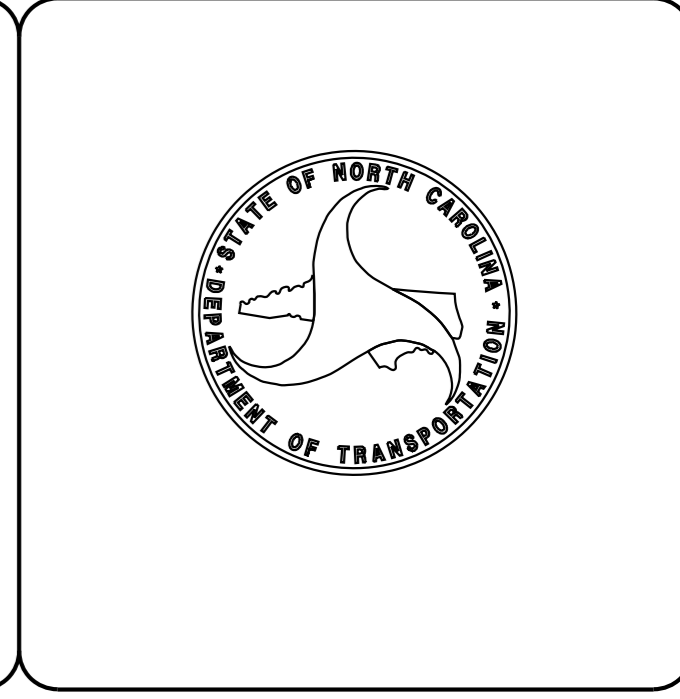
RIGHT OF WAY DATE: JUNE 19, 2019

LETTING DATE: JUNE 18, 2024

CLAY T. POOLE, P.E.
PROJECT ENGINEER

TANNER H. ORR
PROJECT DESIGN ENGINEER

SEAN EPPERSON, P.E.
PROJECT MANAGER
NCDOT ROADWAY DESIGN COORDINATION SECTION



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4/4/2024