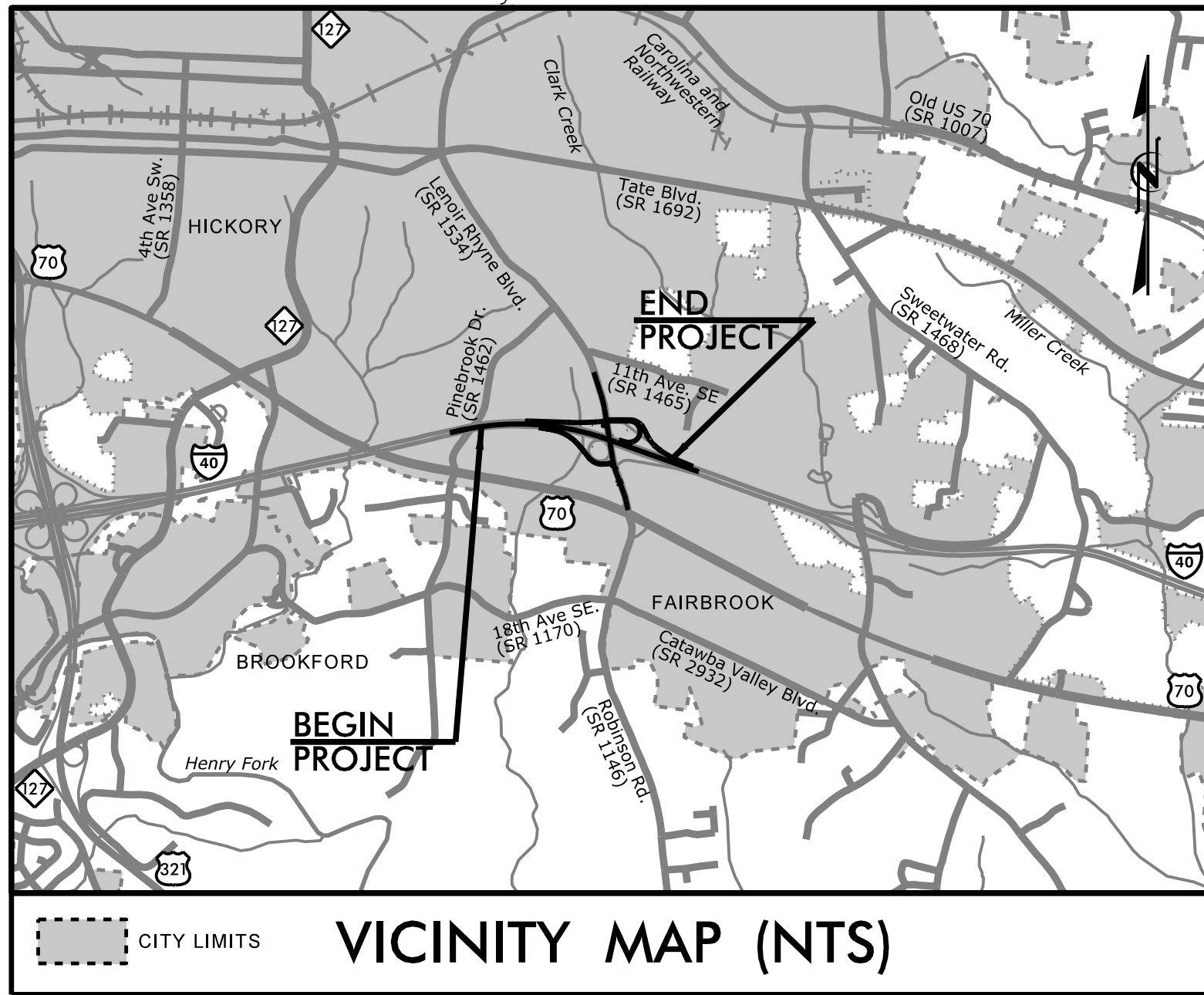


09/28/24

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

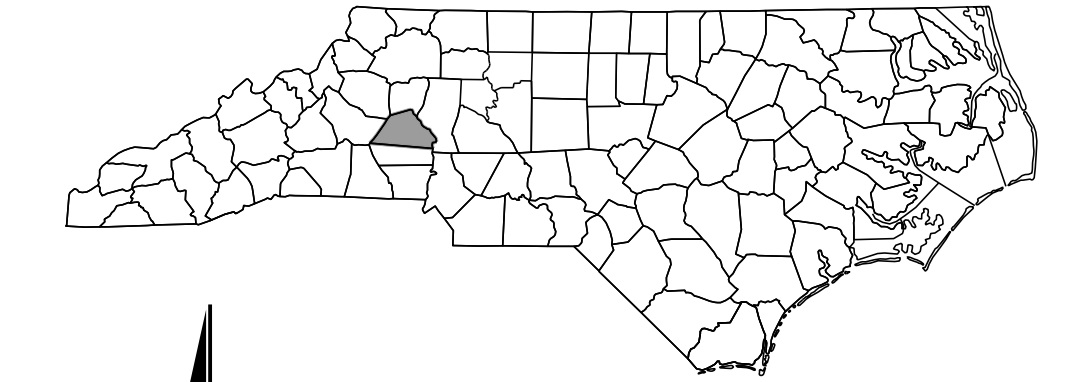


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CATAWBA COUNTY

LOCATION: I-40 AT SR 1007 (LENOIR RHYNE BOULEVARD) CONSTRUCT INTERCHANGE IMPROVEMENTS
TYPE OF WORK: DRAINAGE, SIGNALS, GRADING, & PAVING

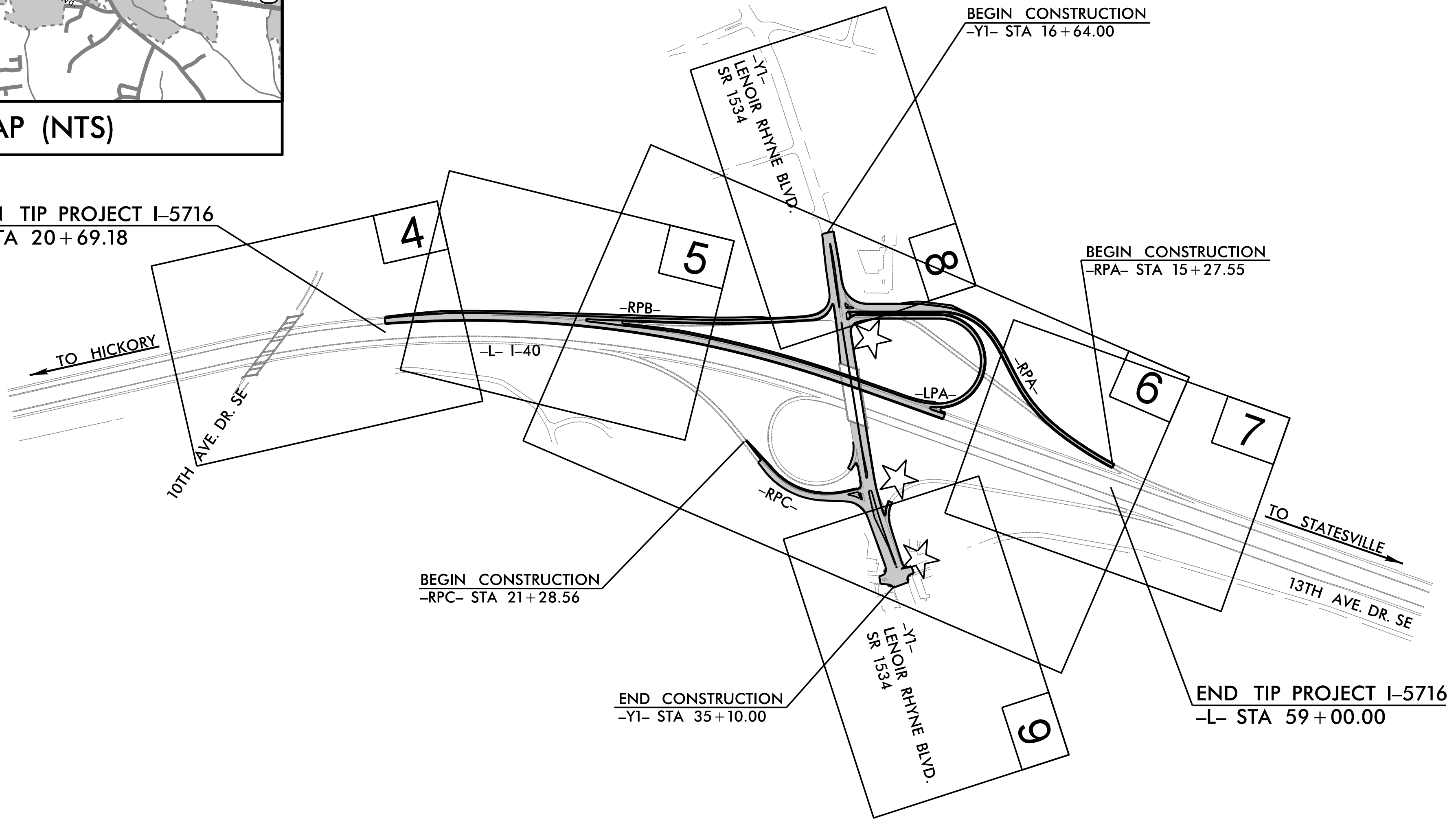
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5716	1	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50133.1.FS1	NHPP-0402(166)	PE	
50133.2.1	NHPP-0402(166)	R/W	
50133.2.2		Util.	
50133.3.1	0402166	Const.	



TIP PROJECT: I-5716

CONTRACT: C205195

BEGIN TIP PROJECT I-5716
-L- STA 20+69.18

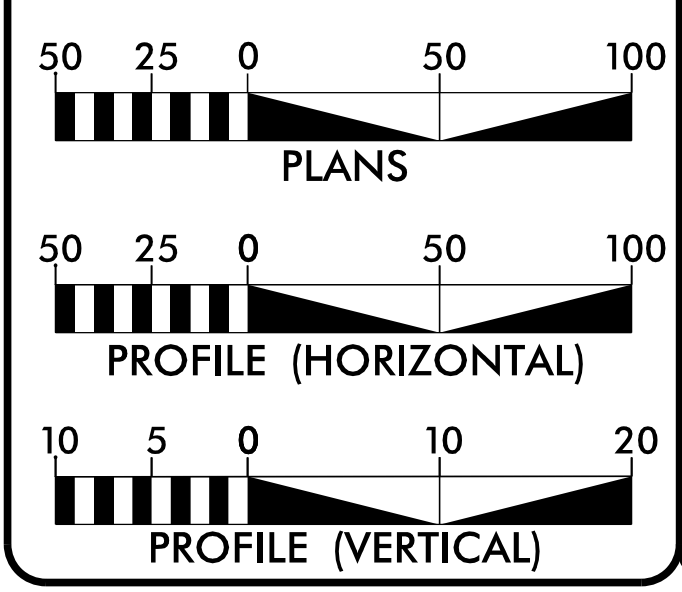


- NOTES:
1. THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.
2. THIS PROJECT IS LOCATED WITHIN THE MUNICIPAL BOUNDARY OF THE TOWN OF HICKORY.



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT 2026 = 71494
ADT 2040 = 75476
K = 9 %
D = 55 %
T = 10 % *
V = 70 MPH
* TTST = 7% DUAL = 3%
TIER = STATEWIDE
FUNC CLASS = INTERSTATE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT I-5716 = 0.726 MI.
LENGTH STRUCTURE TIP PROJECT I-5716 = 0.000 MI.
TOTAL LENGTH TIP PROJECT I-5716 = 0.726 MI.



2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

JULY 19, 2019

LETTING DATE:

JULY 21, 2026

Prepared for the North Carolina Department of Transportation in the Office of:
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
900 RIDGEFIELD DRIVE, SUITE 225, RALEIGH, NC 27609
(919) 855-9989 FAX: (919) 855-5887
EMAIL: AMT@AMTENGINEERING.COM

JASON T. GADDY, PE
PROJECT ENGINEER

AUSTIN B. CARPENTER, PE
PROJECT DESIGN ENGINEER

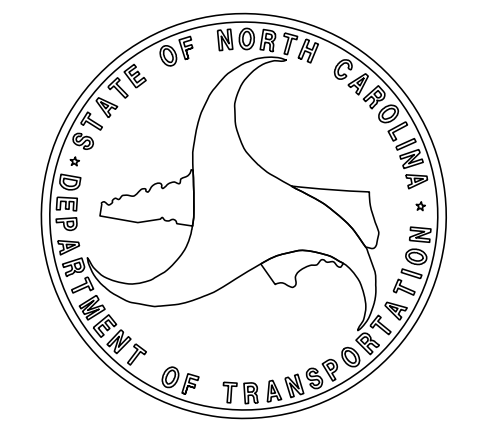
NATHAN ADIMA, PE
NCDOT CONTACT

HYDRAULICS ENGINEER

Signed by:
Josh Daffin
SEAL 26971
ENGINEER
JOSHUA G. DARTON
6/8/2026
SIGNATURE: JGD/2026/06082026

ROADWAY DESIGN ENGINEER

DocuSigned by:
Jason T. Gaddy
SEAL 045246
ENGINEER
JASON T. GADDY
6/8/2026
SIGNATURE: JTG/2026/06082026



5/7/2026 X:\Raleigh\14-568 - NCDOT- I-5716 I-40 Lenoir-Rhyne Interchange\05-CAD\I5716\Roadway\Proj\I5716_Rdy_Tsh.dgn acarpenter