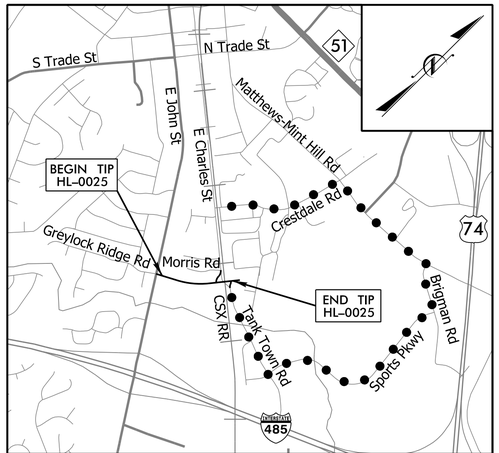
Docusign Envelope ID: F048F0D8-E039-406A-8A46-44D17900C958

09/08/99

TIP PROJECT: HL-0025

CONTRACT: C205013

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



VICINITY MAP

• • • • • DETOUR ROUTE

N.T.S.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

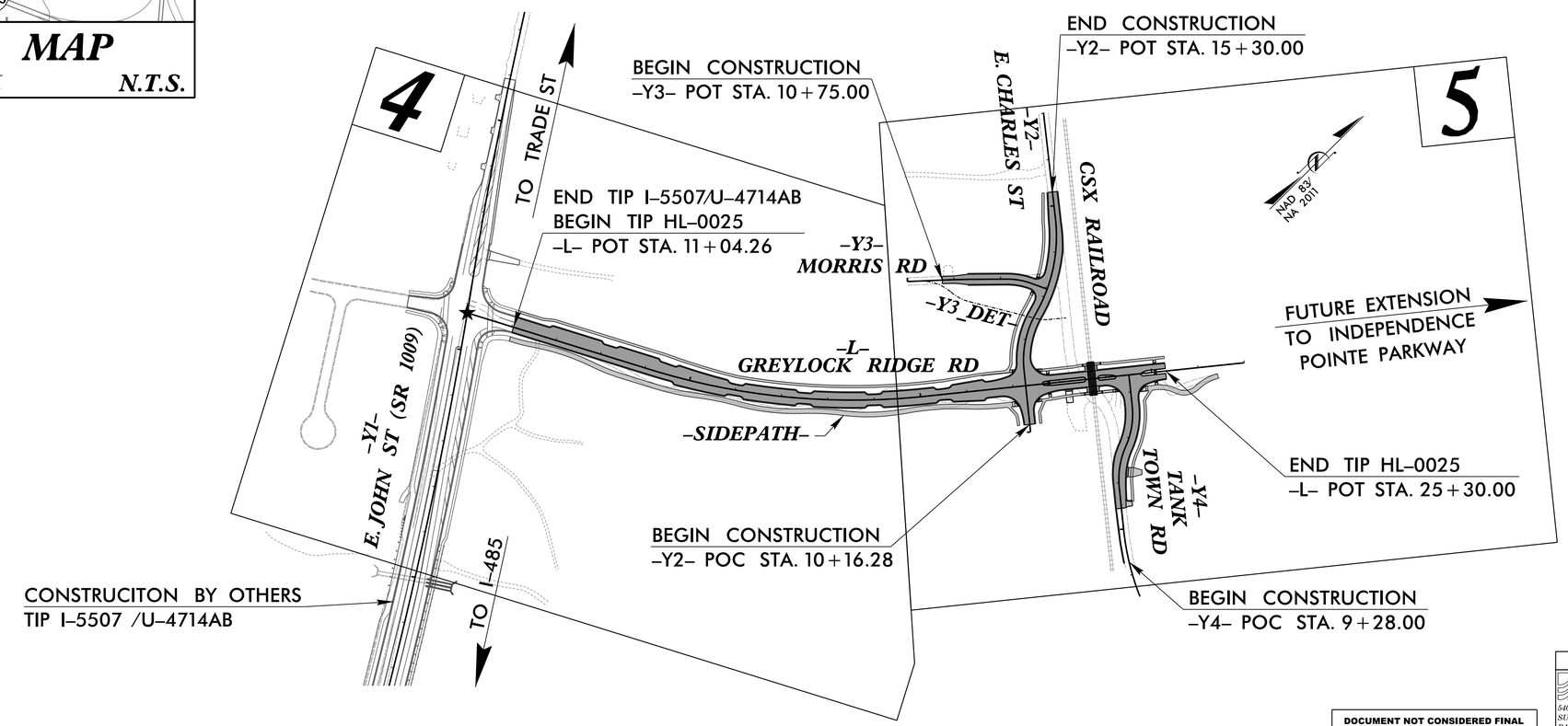
MECKLENBURG COUNTY

LOCATION: GREYLOCK RIDGE ROAD EXTENSION FROM E. JOHN ST. TO TANK TOWN RD. IN MATTHEWS, NC

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HL-0025	1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
49491.1.1		PE
49491.2.1		ROW
49491.2.2		UTL
49491.3.1		CONSTR.



★ PROPOSED SIGNAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HYDRAULIC DESIGN
McCORMICK TAYLOR
5400 TRINITY ROAD
SUITE 102
RALEIGH, NC 27607
919.223.8965 NC LIC. NO. F-1285

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

5 2.5 0 5 10
PROFILE (VERTICAL)

DESIGN DATA

ADT 2025 = 9,240
ADT 2040 = 11,600
K = 9 %
D = 55 %
T = 3 % *
V = 30 MPH
* TTST=1% DUALS=2%

FUNC CLASS = LOCAL

SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT HL-0025 = 0.270 MILES

TOTAL LENGTH TIP PROJECT HL-0025 = 0.270 MILES

PLANS PREPARED BY:

AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
10735 DAVID TAYLOR DRIVE, SUITE 310 • CHARLOTTE, NC 28262
(704) 595-9975 • NC LICENSE NO. F-1049
WWW.AMTENGINEERING.COM

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 19, 2024

LETTING DATE:
MARCH 17, 2026

STEVE KARNIS, P.E.
PROJECT ENGINEER

DAN MORGAN, E.I.
PROJECT DESIGN ENGINEER

TERRY BURLESON
NCDOT CONTACT - DIVISION 10

HYDRAULICS ENGINEER

Signed by: B. Gregory Adams
E73681AAF12A45E...
P.E. 12/17/2025
SIGNATURE:

ROADWAY DESIGN ENGINEER

Signed by: Steve Karnis
BDD13E63D09B46D...
P.E. 12/17/2025
SIGNATURE:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

10/31/2025
X:\Raleigh\17-1112.013 - HL-0025 - Greylock Ridge Rd Ext\05-CAD\Greylock_Ridge_Ext\Roadway\Proj\Greylock_Rdy_tsh.dgn
dmorgan