

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
JOHNSTON COUNTY

LOCATION: SR 1908 (FIRE DEPT. ROAD) AT BUFFALO
ROAD INTERSECTION NORTH OF WILSON'S MILLS
CONSTRUCT ROUNDABOUT.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" -
PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C.,
DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE
CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
902.10	FOUNDATIONS FOR GROUND MOUNTED SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
9060000000		TYPE E SIGNS 47 SF AT \$29.91 PER SF SUPPORTS, STEEL SQUARE TUBE SIGN ERECTION, TYPE E SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED) DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN SYSTEM, WOOD SUPPORTS, OMNI-DIRECTIONAL BREAKAWAY	1	LS
4080200000	903		404	L.F.
4096000000	904		48	EA.
4116100000	904		1	EA.
4155000000	907		8	EA.
4158000000	907		1	EA.
4360000000	SP		8	EA.

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-1A	SINGLE LANE RURAL RABT DETAIL SHEET
SIGN-2	TYPE E SHEET
SIGN-3-4	EXISTING SIGN DESIGN
SIGN-5-6	PROPOSED SIGN DESIGN

PLAN SUBMITTED TO: N.C.D.O.T. SIGNING AND DELINEATION UNIT

MITCH EATON, PE SIGNING & DELINEATION REGIONAL ENGINEER
JASON GRANTHAM ASSISTANT DIVISION TRAFFIC ENGINEER

PLAN PREPARED BY: JOHNSON, MIRMIRAN, AND THOMPSON

JOSHUA ROEMER P.E. PROJECT ENGINEER
LUKE HOLDER PROJECT DESIGN ENGINEER

HN-0040

SIGN1

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

APPROVED: _____

DATE: _____

SIGNING & DELINEATION
ENGINEER

7/6/2024 10:58:40 AM
NOT RECALCULATED
PROFESSIONAL
SEAL
054788
ENGINEER
JOHNSON, MIRMIRAN, & THOMPSON, INC.
JOSHUA ROEMER

INCOMPLETE PLANS
DO NOT BE USED FOR CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JMT
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Faleigh, NC 27539
License No: C-3097

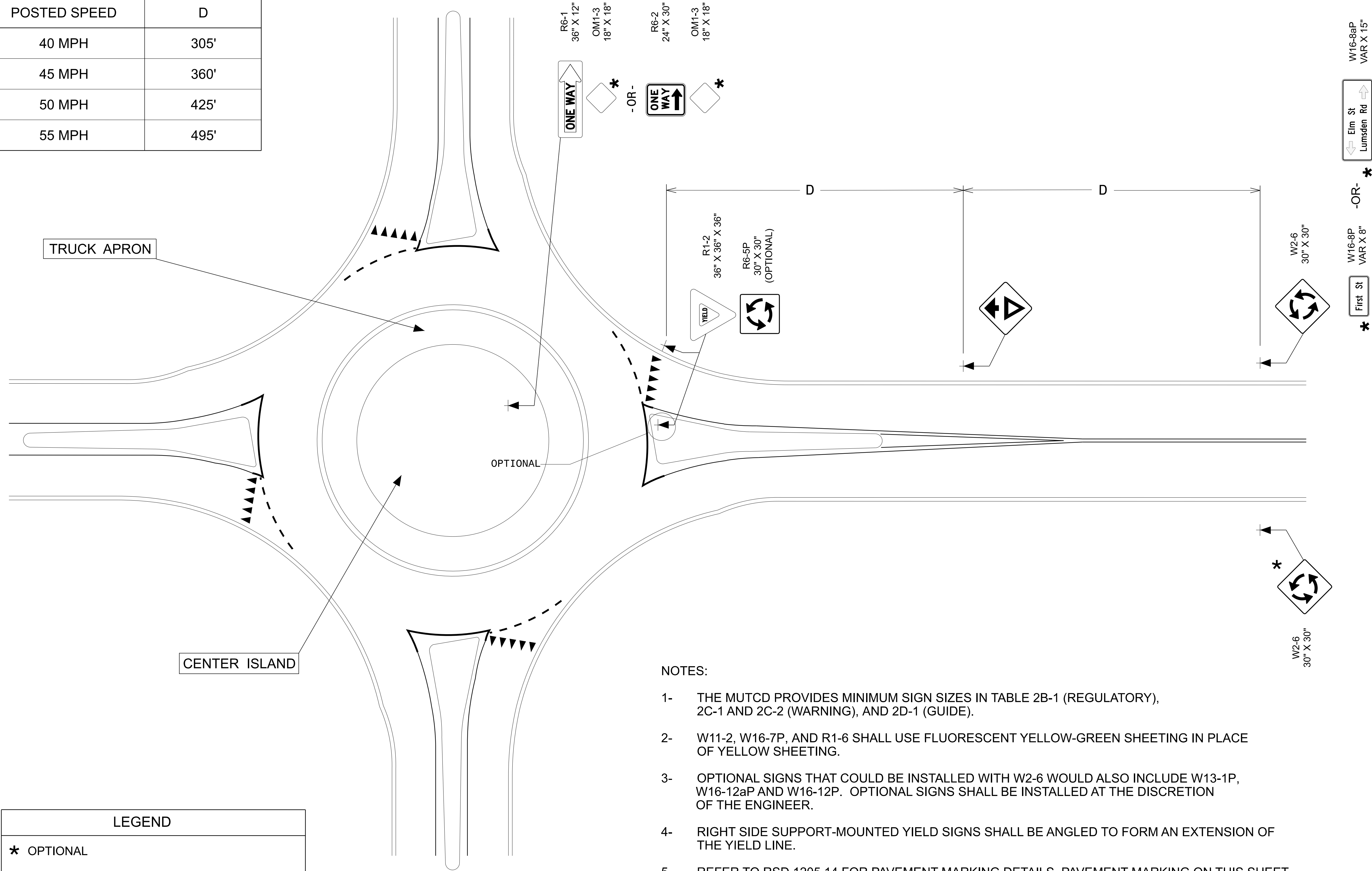
T.I.P.: HN-0040

POSTED SPEED	D
40 MPH	305'
45 MPH	360'
50 MPH	425'
55 MPH	495'

TRUCK APRON

CENTER ISLAND

LEGEND
* OPTIONAL
┤ STATIONARY SIGN ON ONE SUPPORT
┤ STATIONARY SIGN ON TWO SUPPORTS



NOTES:

- 1- THE MUTCD PROVIDES MINIMUM SIGN SIZES IN TABLE 2B-1 (REGULATORY), 2C-1 AND 2C-2 (WARNING), AND 2D-1 (GUIDE).
- 2- W11-2, W16-7P, AND R1-6 SHALL USE FLUORESCENT YELLOW-GREEN SHEETING IN PLACE OF YELLOW SHEETING.
- 3- OPTIONAL SIGNS THAT COULD BE INSTALLED WITH W2-6 WOULD ALSO INCLUDE W13-1P, W16-12aP AND W16-12P. OPTIONAL SIGNS SHALL BE INSTALLED AT THE DISCRETION OF THE ENGINEER.
- 4- RIGHT SIDE SUPPORT-MOUNTED YIELD SIGNS SHALL BE ANGLED TO FORM AN EXTENSION OF THE YIELD LINE.
- 5- REFER TO RSD 1205.14 FOR PAVEMENT MARKING DETAILS. PAVEMENT MARKING ON THIS SHEET IS SHOWN FOR REFERENCE ONLY.
- 6- REFER TO MUTCD FIGURES 2A-4, 2B-22, AND 2D-12 FOR ADDITIONAL SIGNING GUIDANCE.
- 7- THE MUTCD PROVIDES GUIDANCE FOR DIMENSION "D" IN TABLE 2C-3 AND SHOULD BE APPLIED WITH ENGINEERING JUDGEMENT.

HN-0040

SIGNIA

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

APPROVED: _____

DATE: _____

SEAL: 7/6/2020
NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL 042546
MATTHEW W. SPRINGER
0600F0E8B884403

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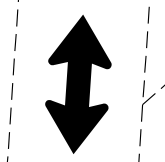
910D40
SHEET 1A OF 2

ROADWAY DETAIL DRAWING FOR
SINGLE LANE RURAL ROUNDABOUT
SIGNING

[illegible]

MATCHLINE SHEET SIGN-4
-L1- STA. 22+00.00

SEE NOTE 2



SEE NOTE 2



SEE NOTE 2

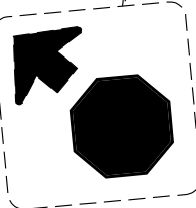
SEE NOTE 2



SEE NOTE 2



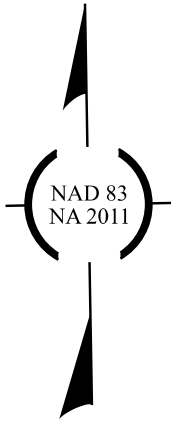
SEE NOTE 4



2 SIGNS
SEE NOTE 2

PROJECT NOTES

1. SIGN ERECTION, TYPE D, E, AND F
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. DISPOSAL OF SIGN SYSTEM, WOOD
4. RELOCATE SIGN, TYPE E



END CONSTRUCTION
-Y2- STA. 16+00.00

BEGIN CONSTRUCTION
-L1- STA. 10+50.00

BEGIN CONSTRUCTION
-Y1- STA. 10+50.00



EXISTING SIGNS

HN-0040

SIGN 3

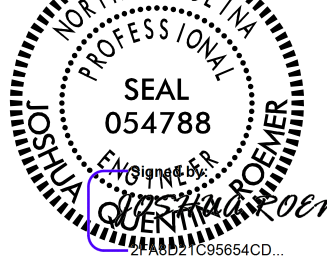
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
JOHNSTON COUNTY



ROADWAY DESIGN UNIT

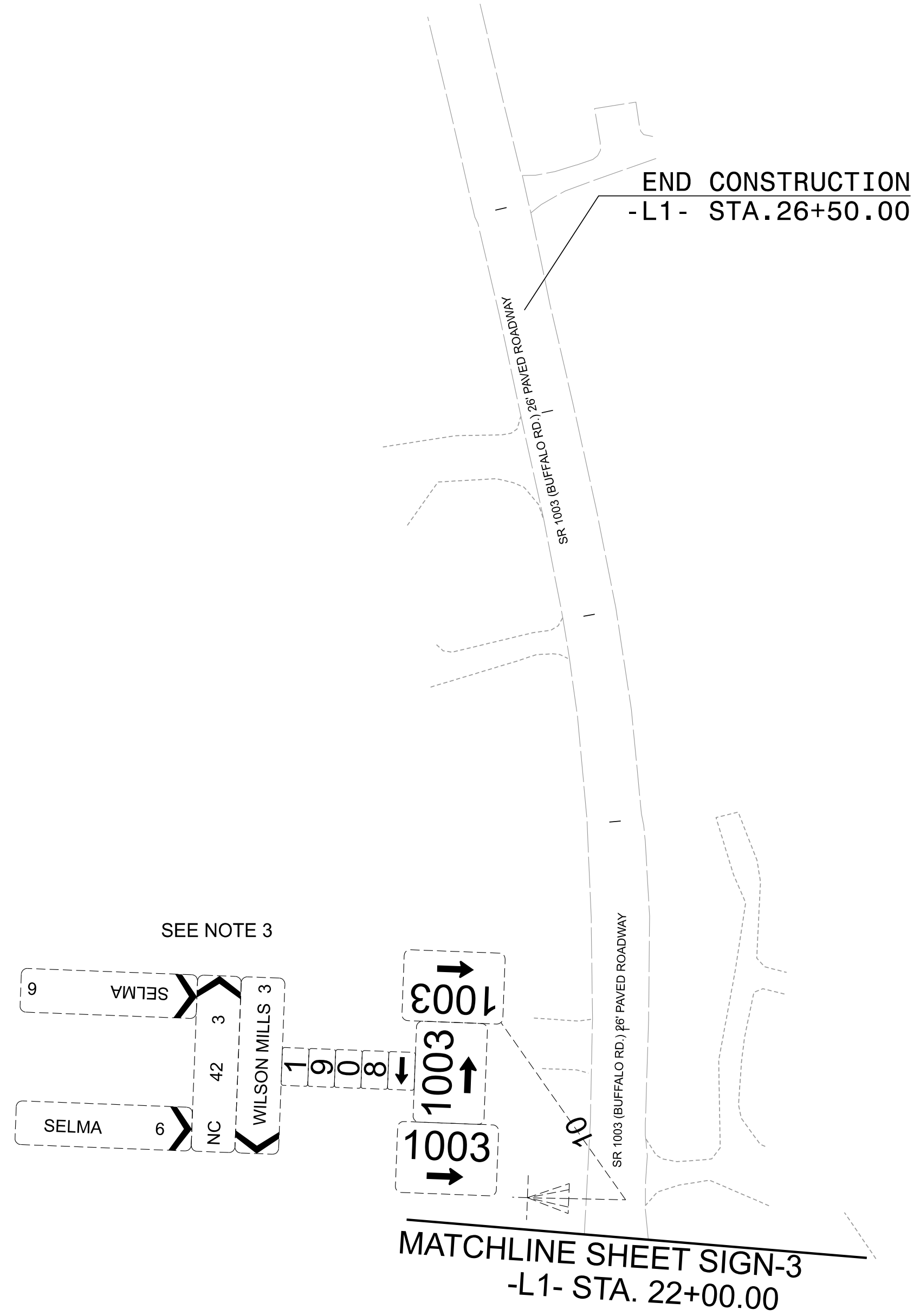
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ENGINEER

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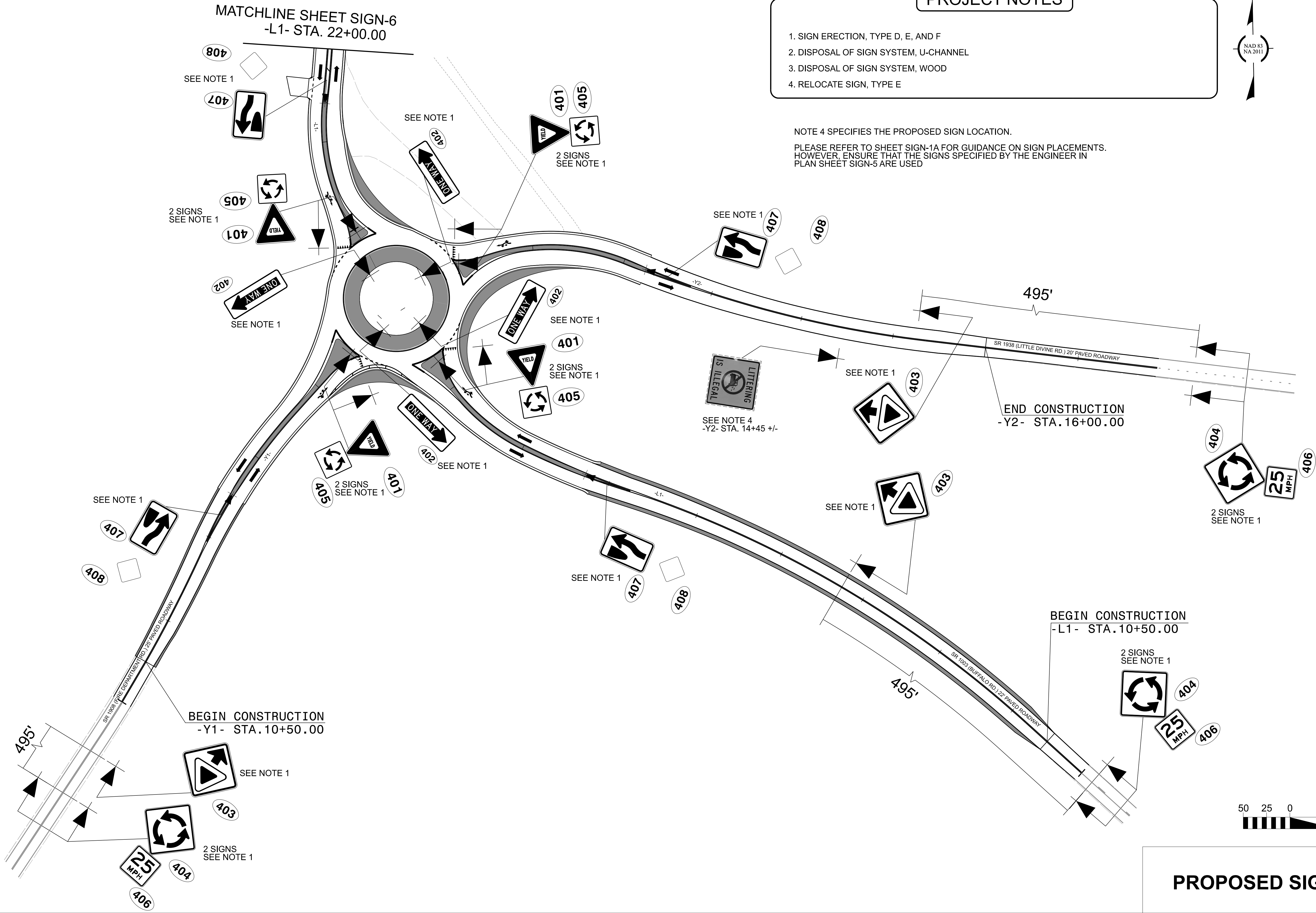


1. SIGN ERECTION, TYPE D, E, AND F
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. DISPOSAL OF SIGN SYSTEM, WOOD
4. RELOCATE SIGN, TYPE E



EXISTING SIGNS

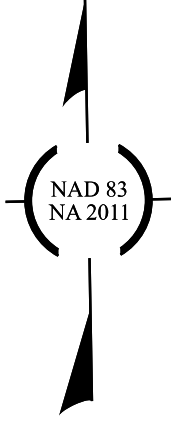
HN-0040	
SIGN	4
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION JOHNSTON COUNTY	
	
ROADWAY DESIGN UNIT	
SIGNING & DELINEATION ENGINEER	
7/6/2026 	
	
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PROJECT NOTES

- 1. SIGN ERECTION, TYPE D, E, AND F
- 2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3. DISPOSAL OF SIGN SYSTEM, WOOD
- 4. RELOCATE SIGN, TYPE E

NOTE 4 SPECIFIES THE PROPOSED SIGN LOCATION.
PLEASE REFER TO SHEET SIGN-1A FOR GUIDANCE ON SIGN PLACEMENTS.
HOWEVER, ENSURE THAT THE SIGNS SPECIFIED BY THE ENGINEER IN
PLAN SHEET SIGN-5 ARE USED



PROPOSED SIGNS

HN-0040

SIGN5

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
JOHNSTON COUNTY

ROADWAY DESIGN UNIT
SIGNING & DELINEATION
ENGINEER

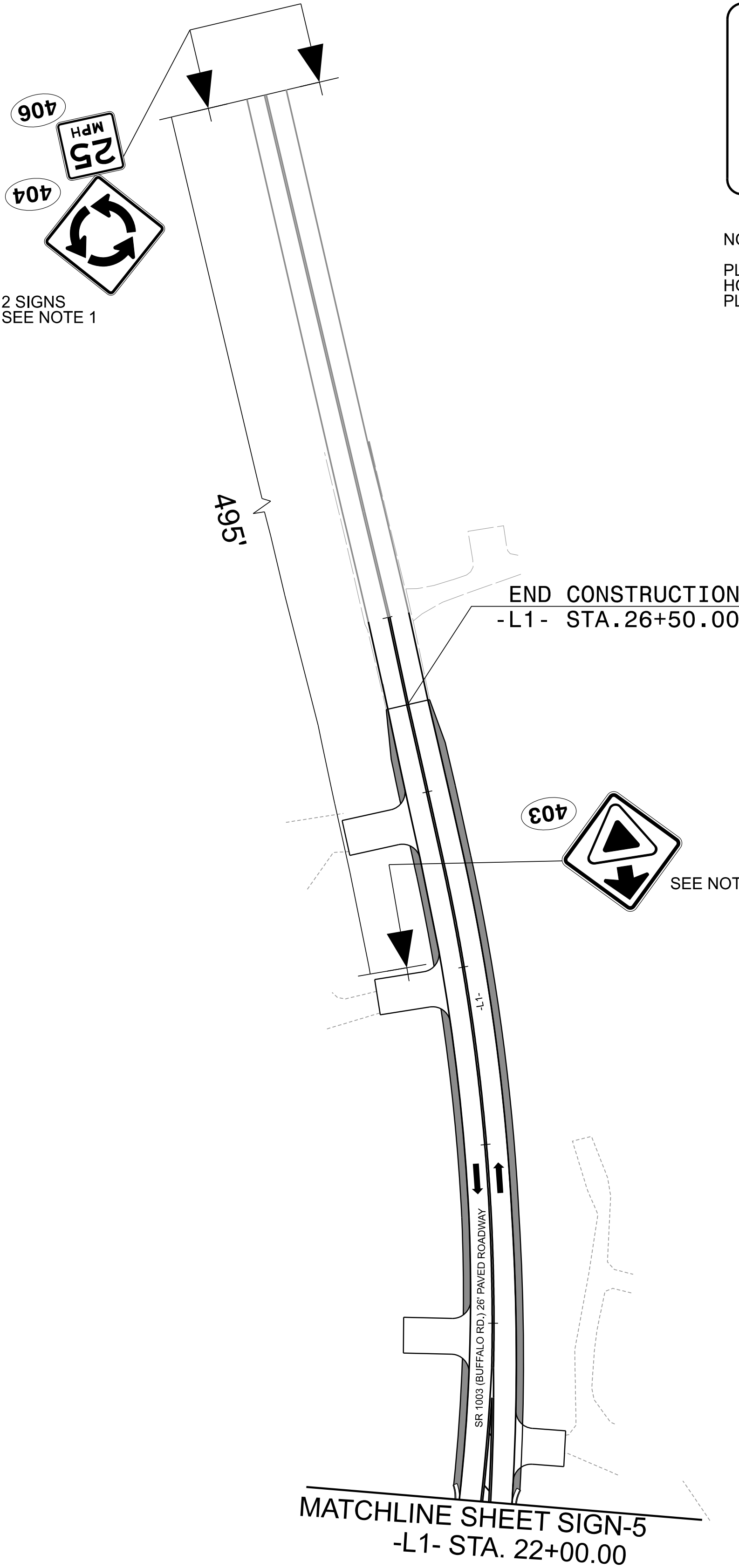
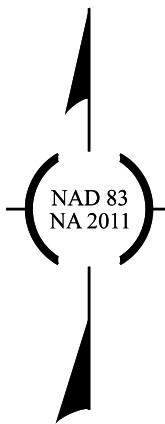
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11/14/23



PROJECT NOTES

1. SIGN ERECTION, TYPE D, E, AND F
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. DISPOSAL OF SIGN SYSTEM, WOOD
4. RELOCATE SIGN, TYPE E

NOTE 4 SPECIFIES THE PROPOSED SIGN LOCATION.
PLEASE REFER TO SHEET SIGN-1A FOR GUIDANCE ON SIGN PLACEMENTS.
HOWEVER, ENSURE THAT THE SIGNS SPECIFIED BY THE ENGINEER IN
PLAN SHEET SIGN-6 ARE USED



PROPOSED SIGNS

HN-0040

SIGN6

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
JOHNSTON COUNTY

ROADWAY DESIGN UNIT
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ENGINEER

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