

09/08/99

TIP PROJECT: U-4913A

CONTRACT: C205039

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: IDLEWILD ROAD FROM BARNEY DRIVE AREA TO
GOVERNOR JAMES G. MARTIN FREEWAY (I-485)

ROADWAY STANDARD DRAWINGS

INDEX OF SHEETS

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

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.40	SIGNING FOR ROUNDABOUTS
910.50	SIGNING FOR SPEED REDUCTION

SHEET NO.	TITLE
SIGN	TITLE SHEET
SIGN-1	QUANTITY
SIGN-1A	TWO LANE ROUNDABOUTS, SIGNING WITH PEDESTRIANS
SIGN-2 THRU SIGN-6	SIGNING PLANS

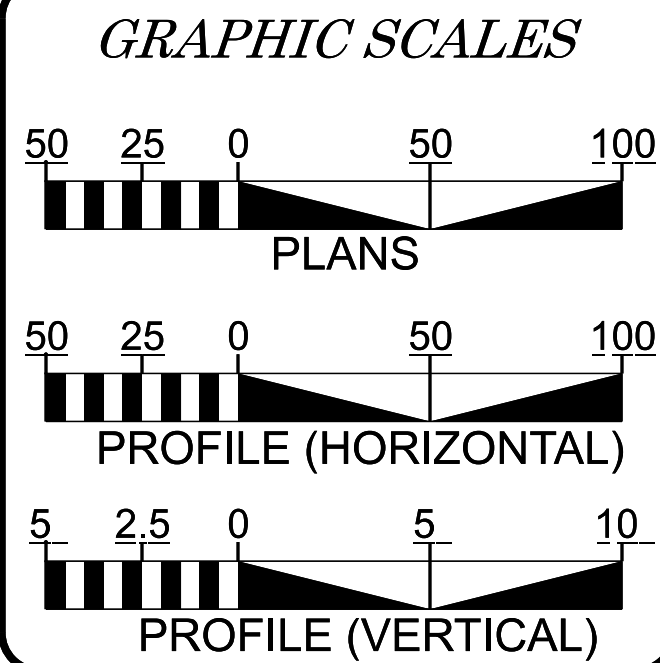
GENERAL NOTES

- SIGNS FURNISHED BY CONTRACTOR
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TOW U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- 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 OTHERES.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- ALL EXISTING SIGNS ON 'U' CHANNEL POSTS 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.

SUMMARY OF QUANTITIES

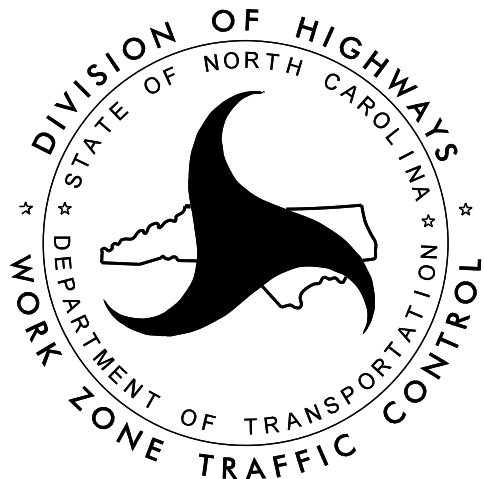
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE 'E' SIGN	559	S.F
4025000000	901	CONTRACTOR FURNISHED, TYPE 'F' SIGN	69	S.F
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1436	L.F
4102000000	904	SIGN ERECTION, TYPE E	108	EA.
4108000000	904	SING ERECTION, TYPE F	6	EA.
4116100000	904	SIGN ERECTION, RELOCATE TYEP E (GROUND MOUNTED)	22	EA.
4155000000	907	DISPOSAL OF SIGH SYSTEM, U-CHANNEL	07	EA.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
J. NAVARRETE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.

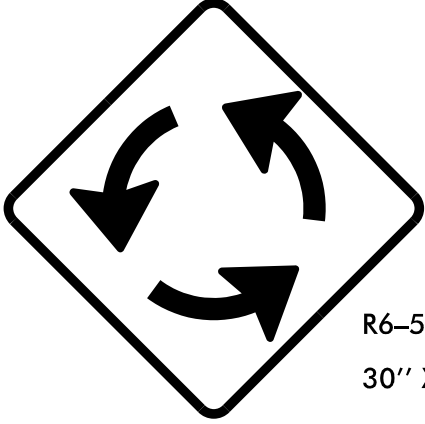
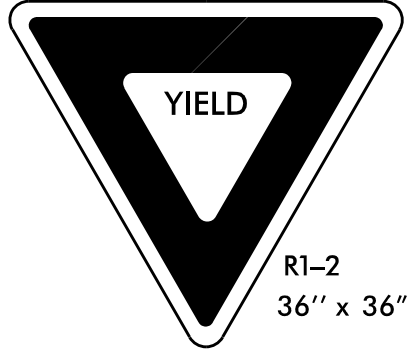
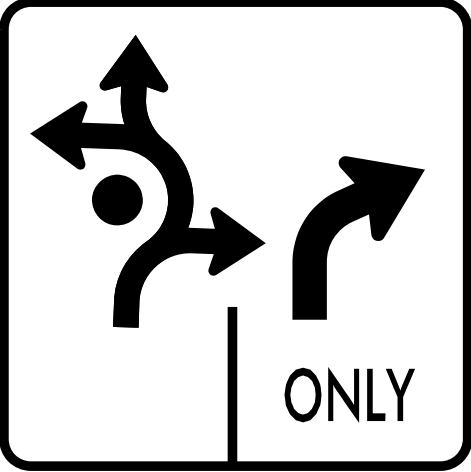
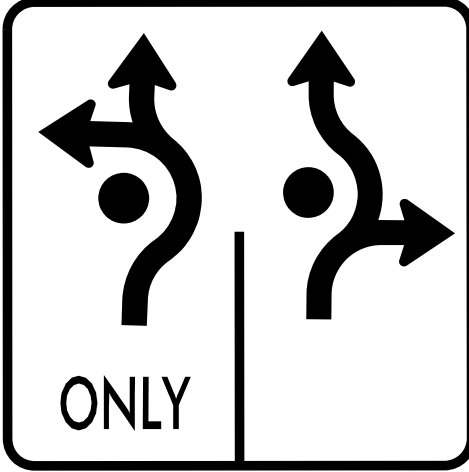
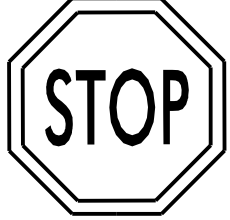
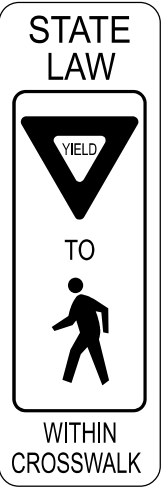
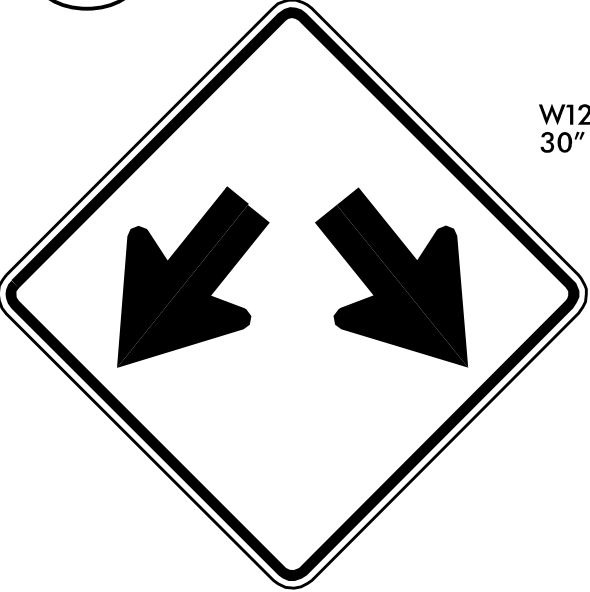
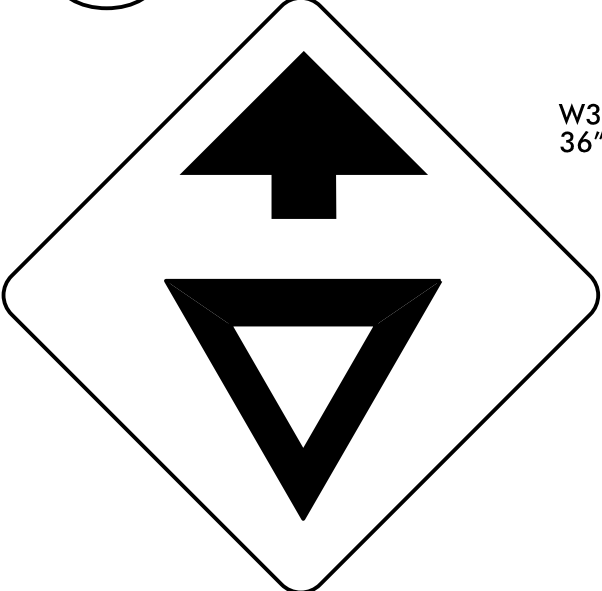
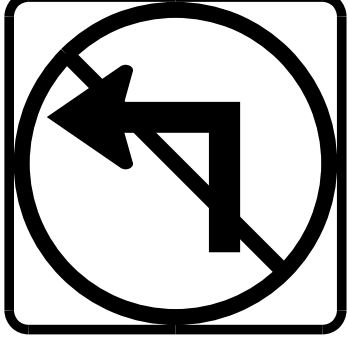
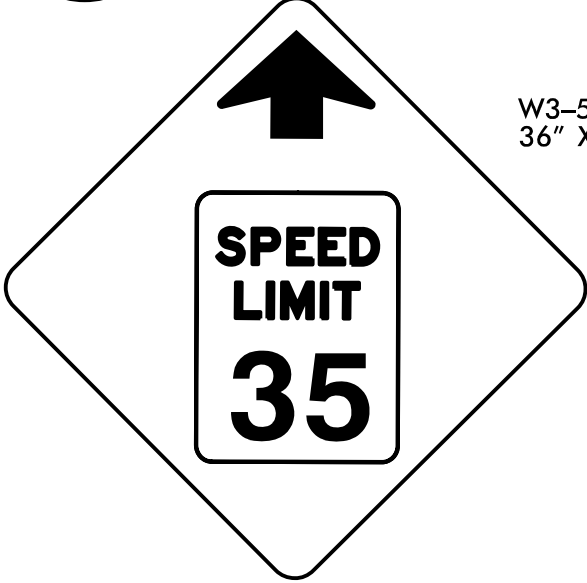
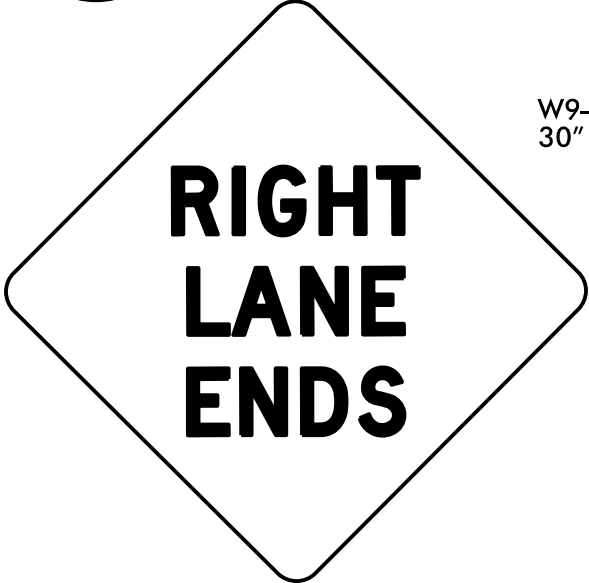
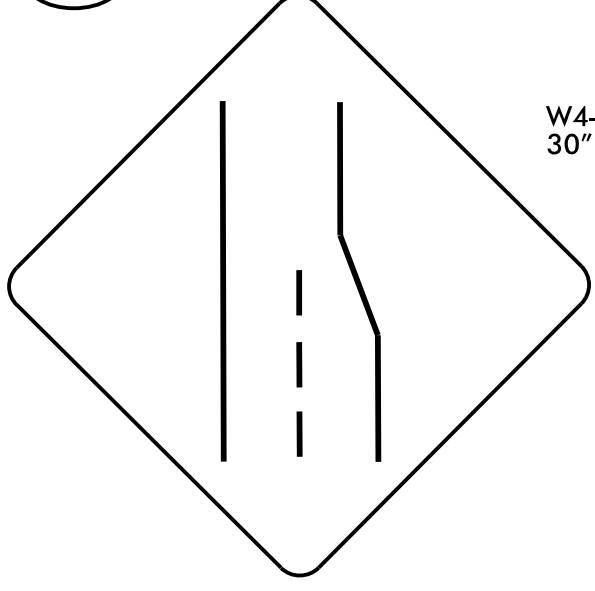
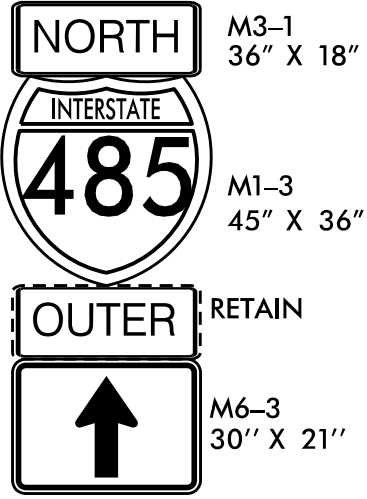
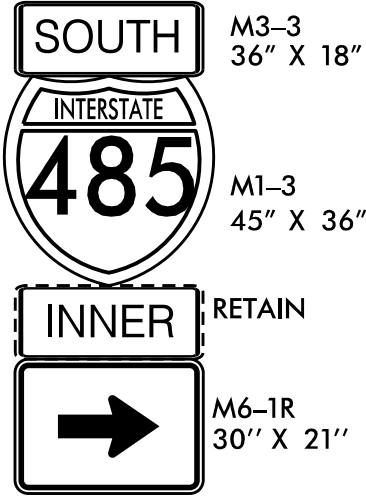
FRANK MASTERSON, P.E. PROJECT DESIGN ENGINEER
DAVID MANG DESIGNER

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
037923
ENGINEER
FRANK D. MASTERSON JR.

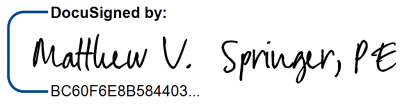
7/9/2025

Kimley»Horn

401 QUANTITY REQ'D 3  R6-5P 30" X 30" ONE "U" POST PER SIGN	402 QUANTITY REQ'D 8  R1-2 36" x 36" x 36" ONE "U" POST PER SIGN	403 QUANTITY REQ'D 4  R6-1R 54" x 18" TWO "U" POSTS PER SIGN	404 QUANTITY REQ'D 1  R3-8 36" X 36" ONE "U" POST PER SIGN	405 QUANTITY REQ'D 2  R3-8 36" X 36" ONE "U" POST PER SIGN	406 QUANTITY REQ'D 9  R1-1 36" X 36" ONE "U" POST PER SIGN	407 QUANTITY REQ'D 14  R1-6 12" X 36" ONE "U" POST PER SIGN
408 QUANTITY REQ'D 15  W11-2 36" X 36" ONE BREAKABLE MOUNT PER TWO SIGNS	409 QUANTITY REQ'D 13  W16-7PL 24" X 12" ONE "U" POST PER SIGN	410 QUANTITY REQ'D 2  R5-1 30" X 30" ONE "U" POST PER SIGN	411 QUANTITY REQ'D 10  R2-1 24" X 30" ONE "U" POST PER SIGN	412 QUANTITY REQ'D 3  R4-7 24" X 30" ONE "U" POST PER SIGN	413 QUANTITY REQ'D 4  W12-1 30" X 30" ONE "U" POST PER SIGN	414 QUANTITY REQ'D 4  R3-4 24" X 24" ONE "U" POST PER SIGN
415 QUANTITY REQ'D 4  W3-2 36" X 36" ONE "U" POST PER SIGN	416 QUANTITY REQ'D 2  R3-2 24" X 24" ONE "U" POST PER SIGN	417 QUANTITY REQ'D 2  R6-1R 36" X 12" ONE "U" POST PER SIGN	418 QUANTITY REQ'D 3  W3-5 36" X 36" ONE "U" POST PER SIGN	419 QUANTITY REQ'D 1  W9-1R 30" X 30" ONE "U" POST PER SIGN	420 QUANTITY REQ'D 1  W4-2R 30" X 30" ONE "U" POST PER SIGN	421 QUANTITY REQ'D 3  W16-9p 24" X 12" ONE "U" POST PER SIGN
422 QUANTITY REQ'D 1  M3-1 36" X 18" M1-3 45" X 36" M6-3 30" X 21" ONE "U" POST PER SIGN	423 QUANTITY REQ'D 1  M3-3 36" X 18" M1-3 45" X 36" M6-1R 30" X 21" ONE "U" POST PER SIGN	424 QUANTITY REQ'D 1  M2-1 21" X 15" ONE "U" POST PER SIGN				

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TYPE "E" & "F" SIGNS



SHEET 2 OF 2

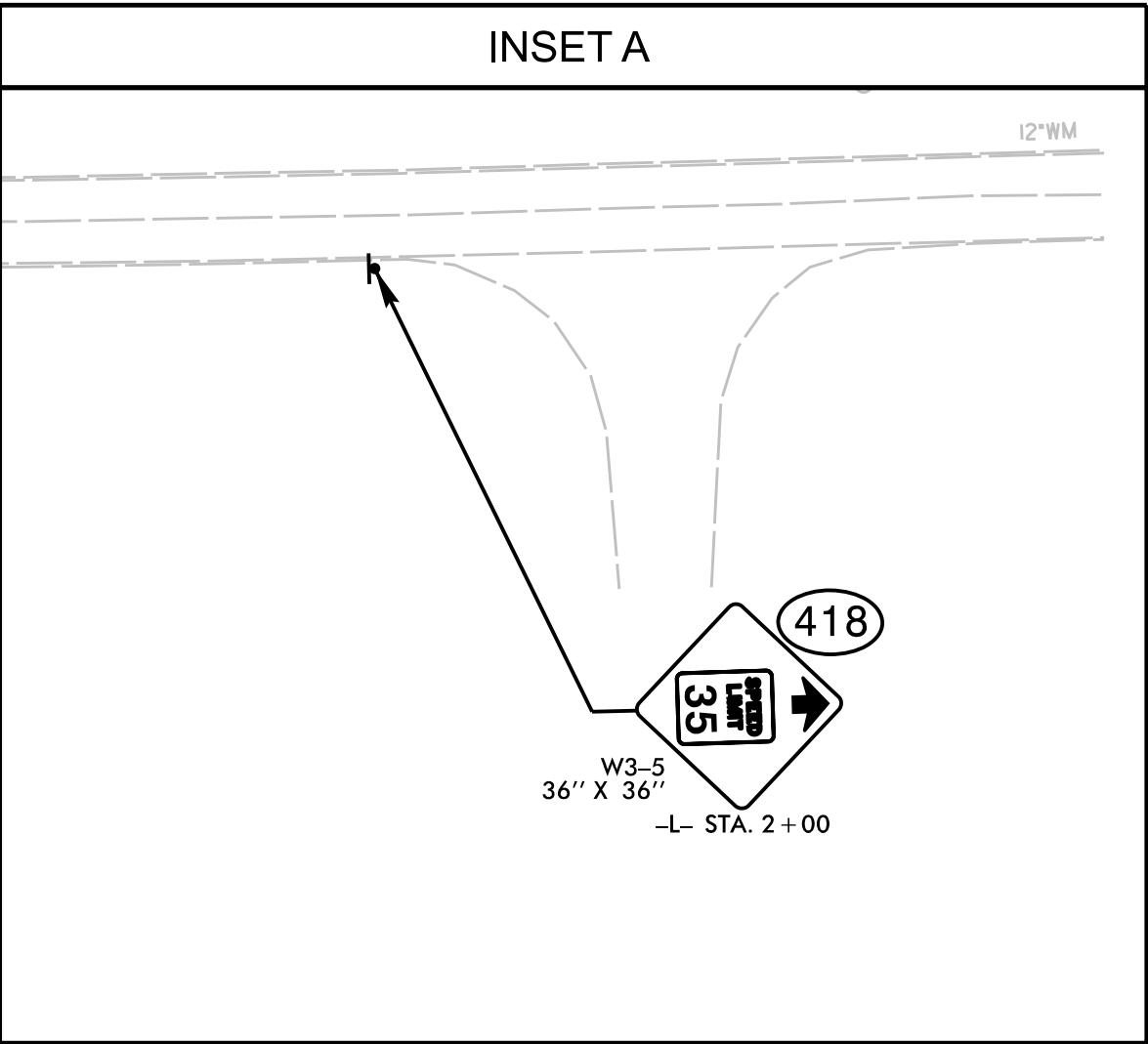
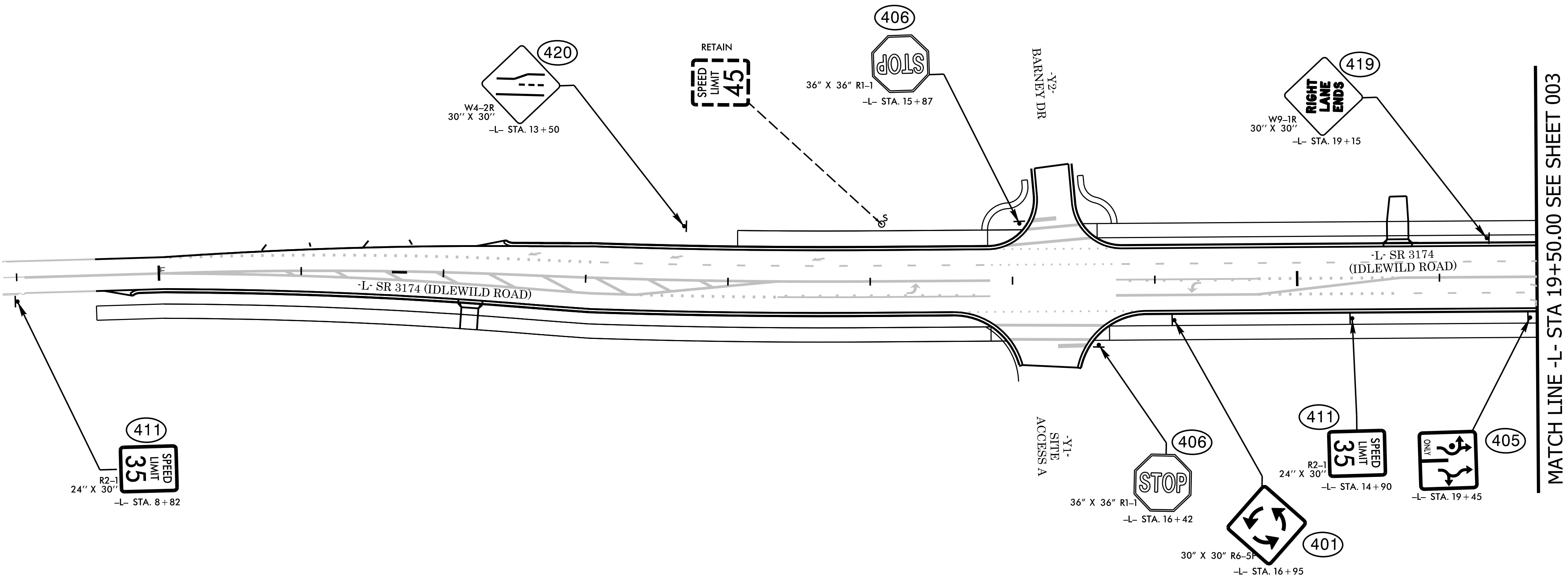
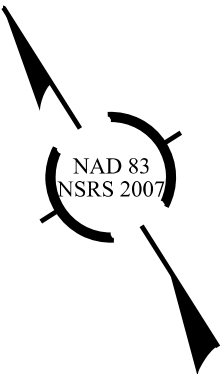
910D40

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY:	R.S. GALLO	DATE:	02-29-2024
MODIFIED BY:		DATE:	
CHECKED BY:		DATE:	
FILE SPEC.:			

10



PROJECT NOTES	
1.	DISPOSE OF SIGN SYSTEM, U-CHANNEL
2.	RELOCATE SIGN SYSTEM, U-CHANNEL

U-4913A
SIGN 002

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
MECKLENBURG COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

SEAL
037923
ENGINEER

DocuSign
7/9/2025

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PREPARED BY

Kimley » Horn

REVISIONS

U-4913A

SIGN	003
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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
MECKLENBURG COUNTY



ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER



Designed by
Frank Masterson

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7/9/2025

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HYDRAULICS
ENGINEER

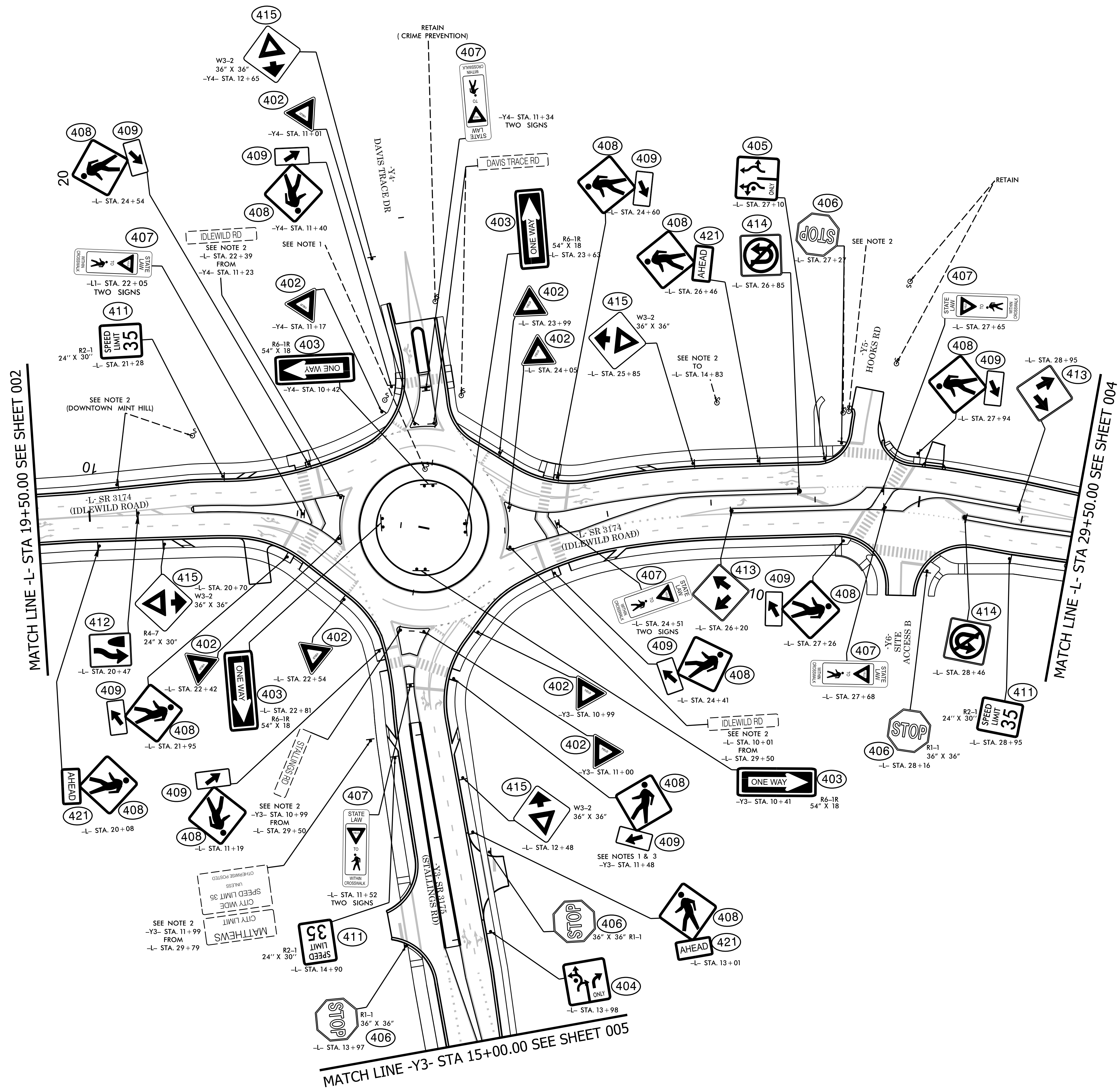


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Frank Masterson

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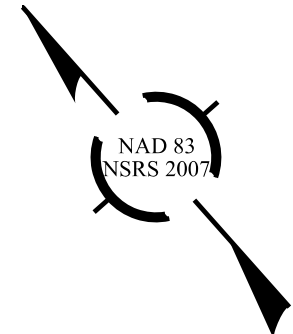
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PROJECT NOTES

1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
2. RELOCATE SIGN SYSTEM, U-CHANNEL



U-4913A

SIGN004

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

MECKLENBURG COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN

ENGINEER

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Frank W. Masterson

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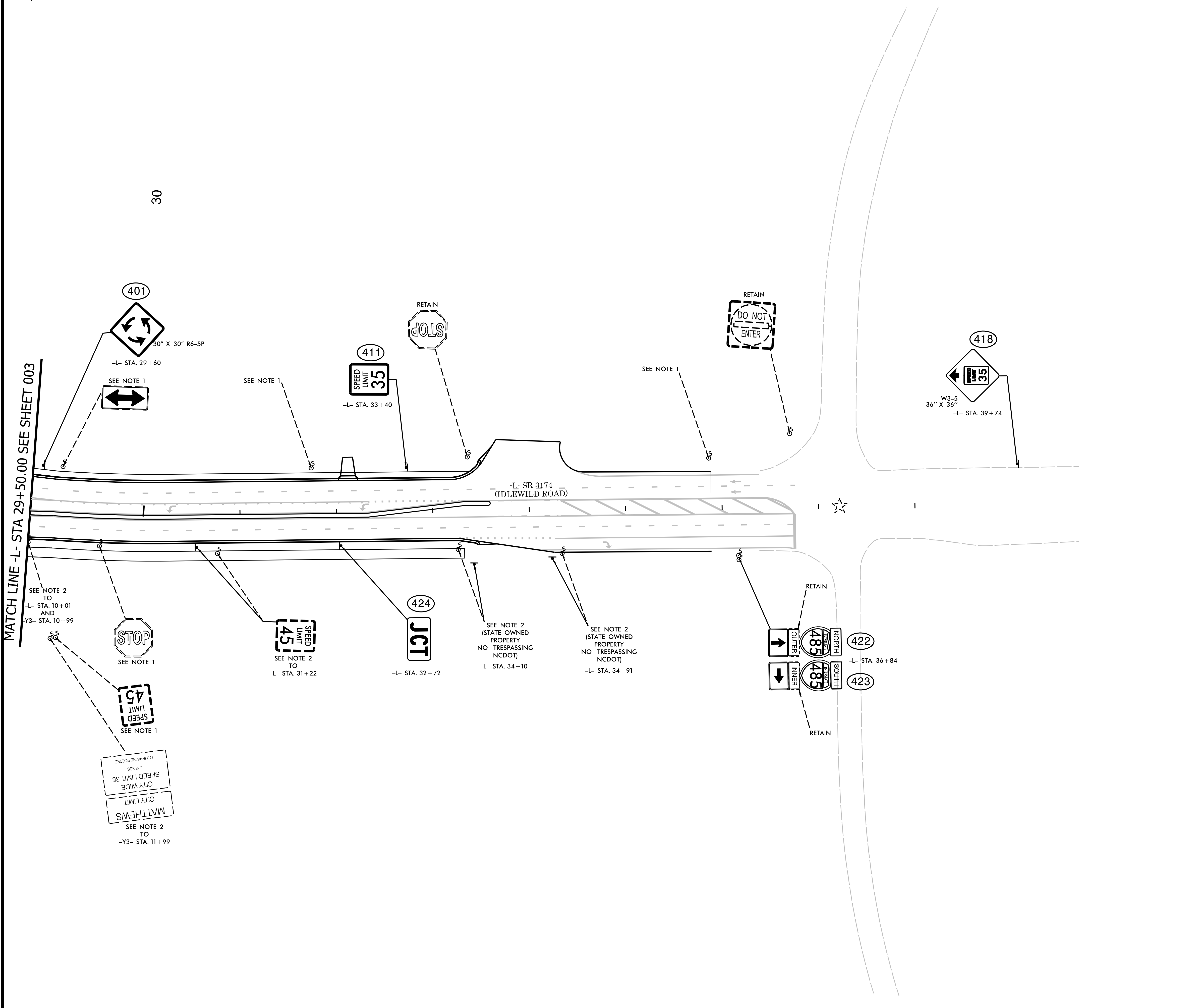
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EXISTING SIGNAL
PROJECT NOTES
1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
2. RELOCATE SIGN SYSTEM, U-CHANNEL

REVISIONS



U-4913A

SIGN005

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

MECKLENBURG COUNTY

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ROADWAY DESIGN ENGINEER

NORTH CAROLINA

PROFESSIONAL ENGINEER

SEAL 037923

W.D. MASTERSON

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NORTH CAROLINA

PROFESSIONAL ENGINEER

SEAL 037923

W.D. MASTERSON

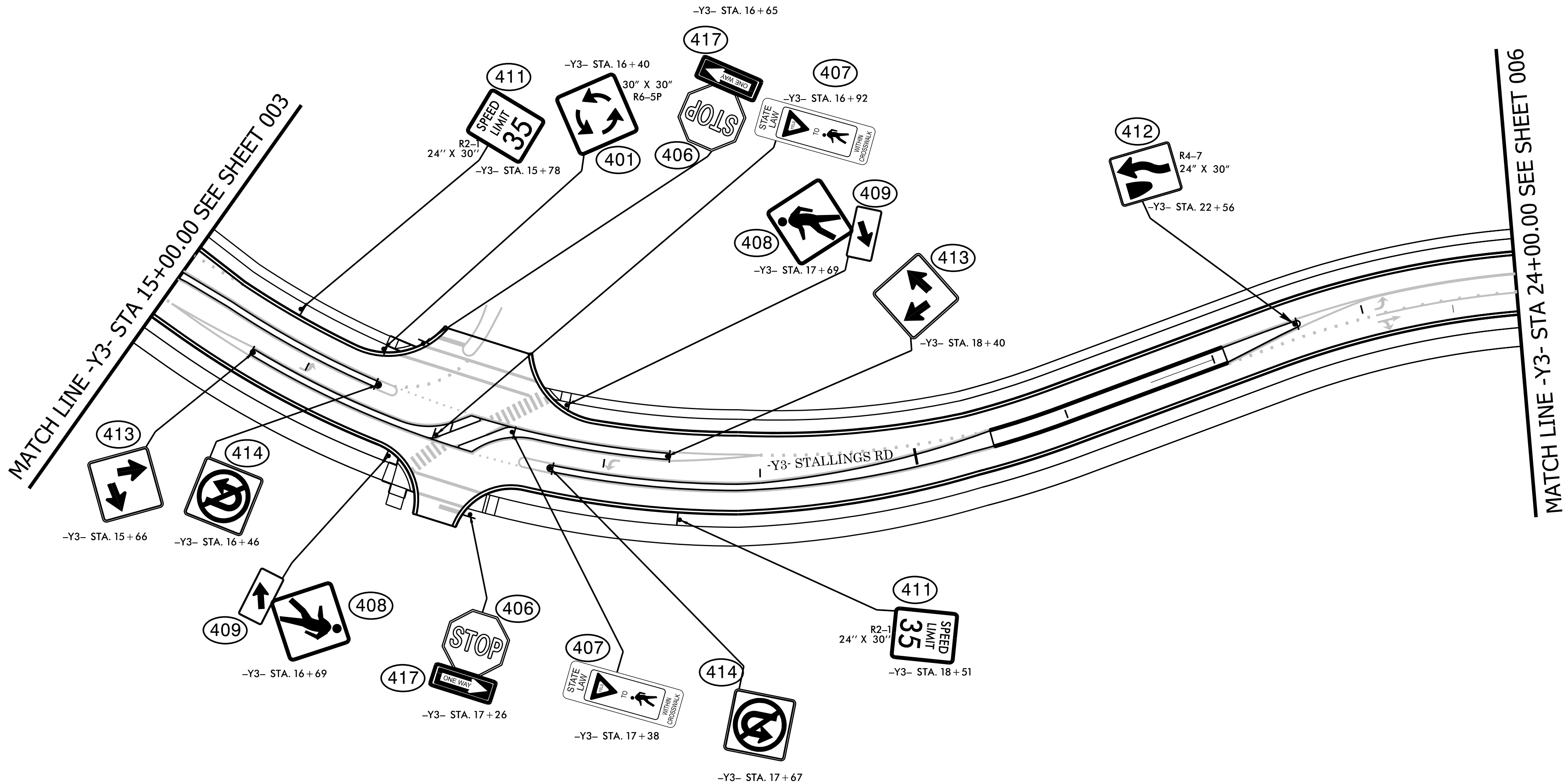
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PREPARED BY

KimleyHorn



PROJECT NOTES
1. DISPOSE OF SIGN SYSTEM, U-CHANNEL 2. RELOCATE SIGN SYSTEM, U-CHANNEL

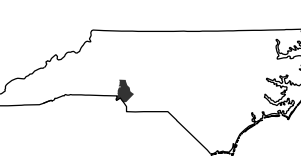
REVISIONS



U-4913A

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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
MECKLENBURG COUNTY



ROADWAY DESIGN UNIT

ROADWAY DESIGN
ENGINEER

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Frank Masters 9/9/20

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HYDRAULICS
ENGINEER



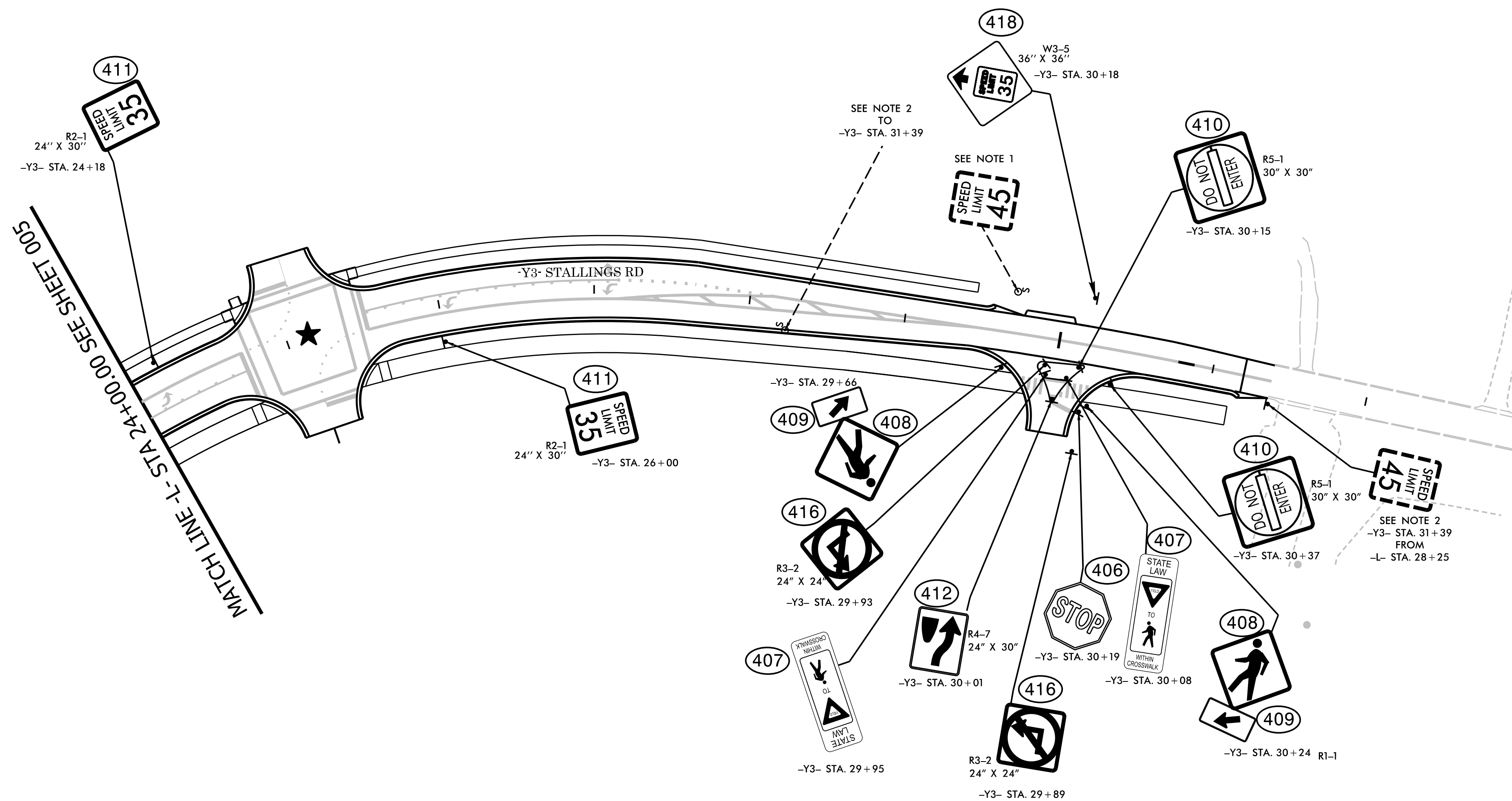
Frank Masterson 7/9/2

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★ SIGNAL DESIGN BY OTHER
SEE MATTHEWS VILLAGE SITE PLAN

PROJECT NOTES

1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
2. RELOCATE SIGN SYSTEM, U-CHANNEL

REVISIONS