

PROJECT : R-5863

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
CLAY COUNTY

LOCATION: US 64 BUSINESS FROM US 64
TO SR 1307 (MAIN STREET)

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:

STD. NO.	TITLE
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING ON TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS
910.50	SIGNING FOR SPEED REDUCTION ZONE
910.20	SIGNING SCHOOL ZONE WITH MARKED CROSSWALK WHERE SPEED REDUCTION IS REQUIRED

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.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO 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 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.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES

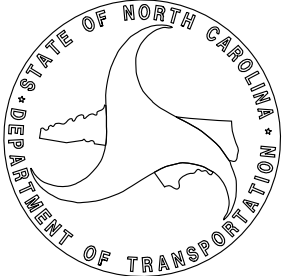
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1105	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	68	EA.
4108000000	904	SIGN ERECTION, TYPE F	7	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	25	EA.
4360000000	SP	SUPPORTS, OMNI-DIRECTIONAL BREAKAWAY	4	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	SPECIAL DETAIL
SIGN-2	TYPE "E" SIGNS
SIGN-2A	TYPE "F" SIGNS
SIGN-3	SIGN DESIGN
SIGN-4-8	EXISTING SIGN DETAIL SHEETS
SIGN-9-13	PROPOSED SIGN DETAIL SHEETS

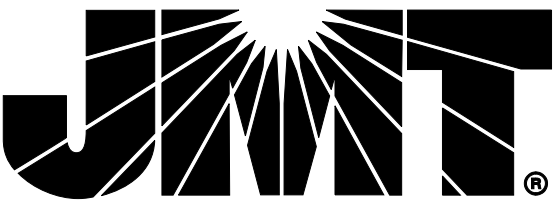
PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

KELVIN L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
A. K. MATTHEWS, PE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: JOHNSON, MIRMIRAN, & THOMPSON, INC.

LLOYD D. BROWN, PE, PLS PROJECT ENGINEER
JOSHUA ROEMER, PE PROJECT DESIGN ENGINEER



TIP NO.
R-5863

SHEET NO.
SIGN-1

APPROVED:

DocuSigned by:
F2F906A83CD405...

DATE: 7/22/2025 | 11:21:06 AM PDT

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TYPE "E" SIGNS

TIP NO. R-5863		SHEET NO. SIGN-2A	
APPROVED: _____ DATE: 7/22/2025 11:21:06 AM PDT			
SEAL 			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

501 QUANTITY REQ. 1 EAST BUSINESS 64 M3-2 24" x 12" M4-3 24" x 12" M1-4 24" x 24" ONE 'U' POST PER SIGN	502 QUANTITY REQ. 1 JCT BY-PASS 64 M2-1 21" x 15" M4-2 24" x 12" M1-4 24" x 24" ONE 'U' POST PER SIGN	503 QUANTITY REQ. 1 EAST BY-PASS 64 M3-2 24" x 12" M4-2 24" x 12" M1-4 24" x 24" M6-1 21" x 15" WEST BY-PASS 64 M3-4 24" x 12" M4-2 24" x 12" M1-4 24" x 24" M6-1 21" x 15" ← → TWO 'U' POSTS PER SIGN	504 QUANTITY REQ. 1 WEST BUSINESS 64 M3-4 24" x 12" M4-3 24" x 12" M1-4 24" x 24" M6-2 21" x 15" ↗ ONE 'U' POST PER SIGN	505 QUANTITY REQ. 1 EAST BUSINESS 64 M3-2 24" x 12" M4-3 24" x 12" M1-4 24" x 24" M6-2 21" x 15" ↗ ONE 'U' POST PER SIGN	
506 QUANTITY REQ. 1 WEST BUSINESS 64 M3-4 24" x 12" M4-3 24" x 12" M1-4 24" x 24" M6-1 21" x 15" ← ONE 'U' POST PER SIGN	507 QUANTITY REQ. 1 EAST BUSINESS 64 M3-2 24" X 12" M4-3 24" X 12" M1-4 24" X 24" M6-1 21" X 15" → ONE 'U' POST PER SIGN				

Johnson, Mirmiran, & Thompson Inc.
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3097

TYPE "F" SIGNS

TIP NO. R-5863	SHEET NO. SIGN-3
DocuSigned by:  F2F90A833C0405 APPROVED: _____ DATE: 7/22/2025 11:21:06 AM PDT _____	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SIGN NUMBER: 301	BACKG COLOR: Green	DESIGN BY: JQR
TYPE: D	COPY COLOR: White	PROJECT ID: R-5863
QUANTITY: 1		DIV: 14
SIGN WIDTH: 6'-6"		
HEIGHT: 1'-6"		
TOTAL AREA: 9.8 Sq.Ft.		
BORDER TYPE: FLUSH		
RECESS: 0"		
WIDTH: 0.75"		
RADII: 1.5"		
N.O. Z BARS: N/A	MAT'L: 0.125" (3.2 mm) ALUMINUM	
LENGTH: N/A		

USE NOTES: 1,2 & 3

1.Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.

2.Background shall be Grade C reflective sheeting.

3.Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

6'-6"

6"
D

6"
R

6"
R

Hiawasse St ↗

5.42"
7.16"
5.42"

BORDER
R=1.5"
TH=0.75"

7.5" 63" 7.5"

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter																				Series/Size Text Length
H	i	a	w	a	s	s	e	e		S	t									D 2000
7.5	5.4	1.9	4	7.2	4.2	3.3	3.3	4.2	3.5	6	4.5	2.4	20.6							49.9

FILENAME: R5863_Rdy_Sign_Layout.dgn

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302	BACKG COLOR: Green	DESIGN BY: JQR
TYPE: D	COPY COLOR: White	PROJECT ID: R-5863
QUANTITY: 1		DIV: 14

SYMBOL	X	Y	WID	HT
AR_Type D	63.4	5.4	6	9

SIGN WIDTH: 4'-6"
HEIGHT: 1'-6"
TOTAL AREA: 6.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 1.5"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS: N/A
LENGTH: N/A

USE NOTES: 1,2 & 3

- Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

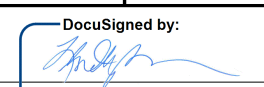
LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length	
	M	a	y		S	t												D 2000	
6.9	5.7	4	4.5	6	4.5	2.4	20											27.1	

FILENAME: R5863_Rdy_Sign_Layout.dgn NORTH CAROLINA D.O.T. SIGN DETAIL

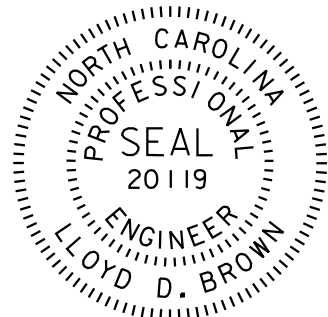
TIP NO.
R-5863

SHEET NO.
SIGN-4

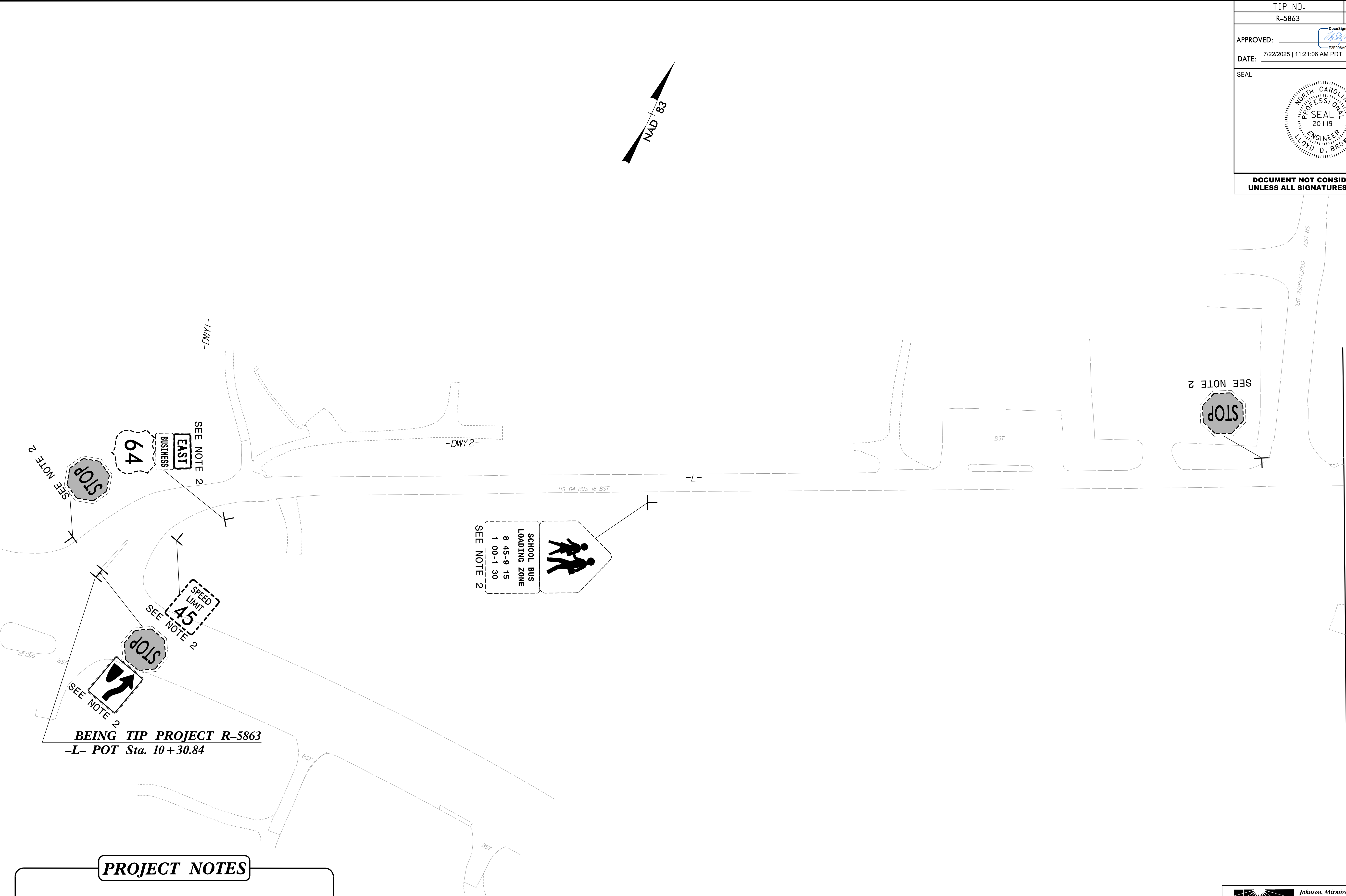
APPROVED: 

DATE: 7/22/2025 | 11:21:06 AM PDT

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



MATCHLINE SHEET 5 -L- STA 24+00

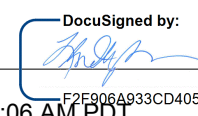
PROJECT NOTES

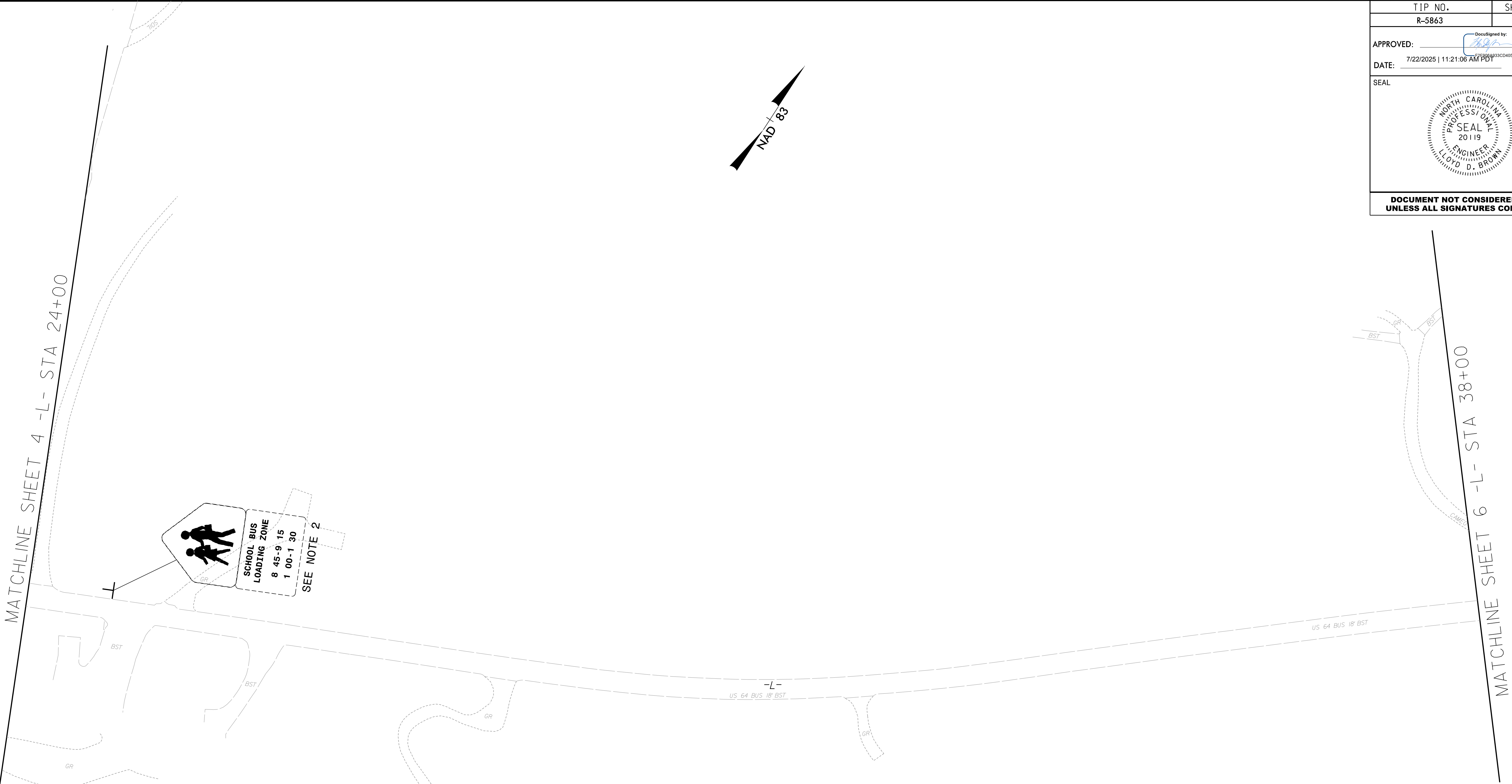
- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'



Johnson, Mirmiran, & Thompson Inc.
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3057

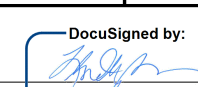
EXISTING SIGNS

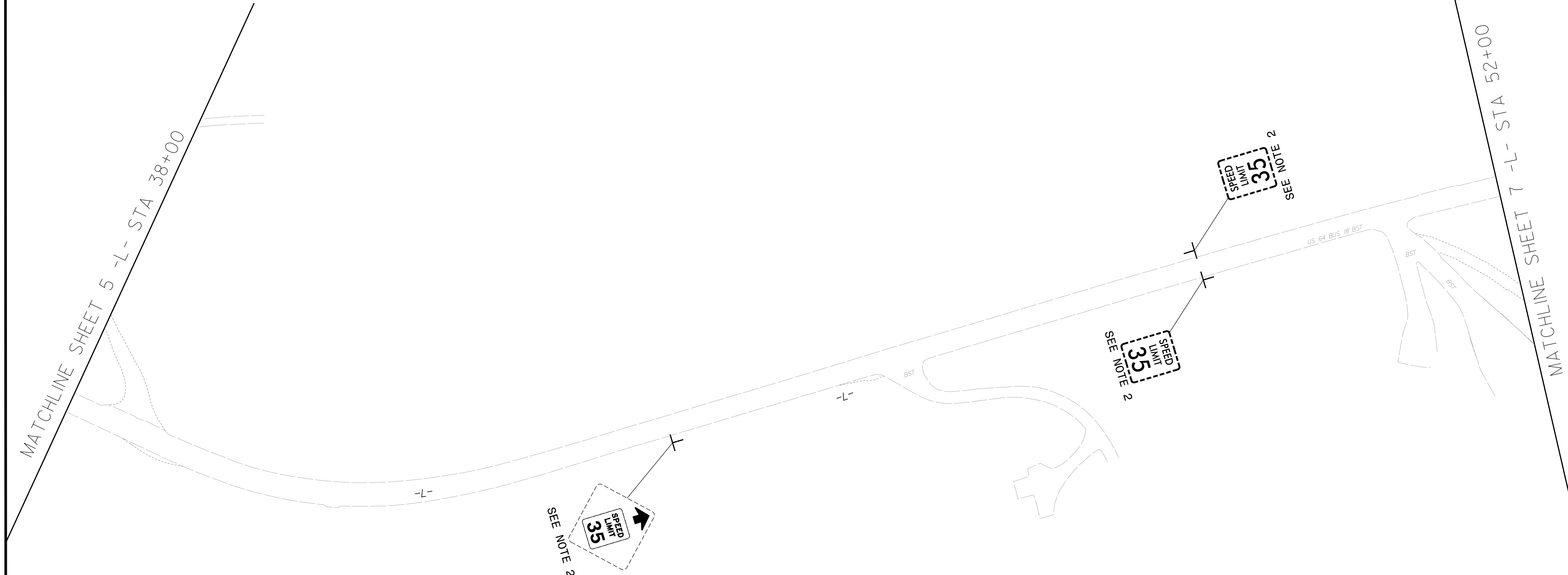
TIP NO.	SHEET NO.
R-5863	SIGN-5
APPROVED:  DATE: 7/22/2025 11:21:06 AM PDT	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT NOTES

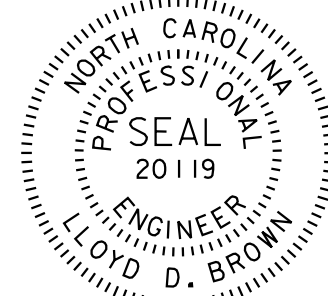
1. EXISTING SIGN TO REMAIN
2. DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
3. RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

TIP NO.	SHEET NO.
R-5863	SIGN-6
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT NOTES

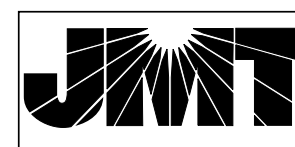
1. EXISTING SIGN TO REMAIN
2. DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
3. RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

TIP NO.	SHEET NO.
R-5863	SIGN-7
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT NOTES

- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'



Johnson, Mirmiran, & Thompson Inc.
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3057

EXISTING SIGNS

2/18/2025 10:37:58 AM
\\Signing\R-5863 SIGN-7.dgn
User:ldfrodde

TIP NO.
R-5863

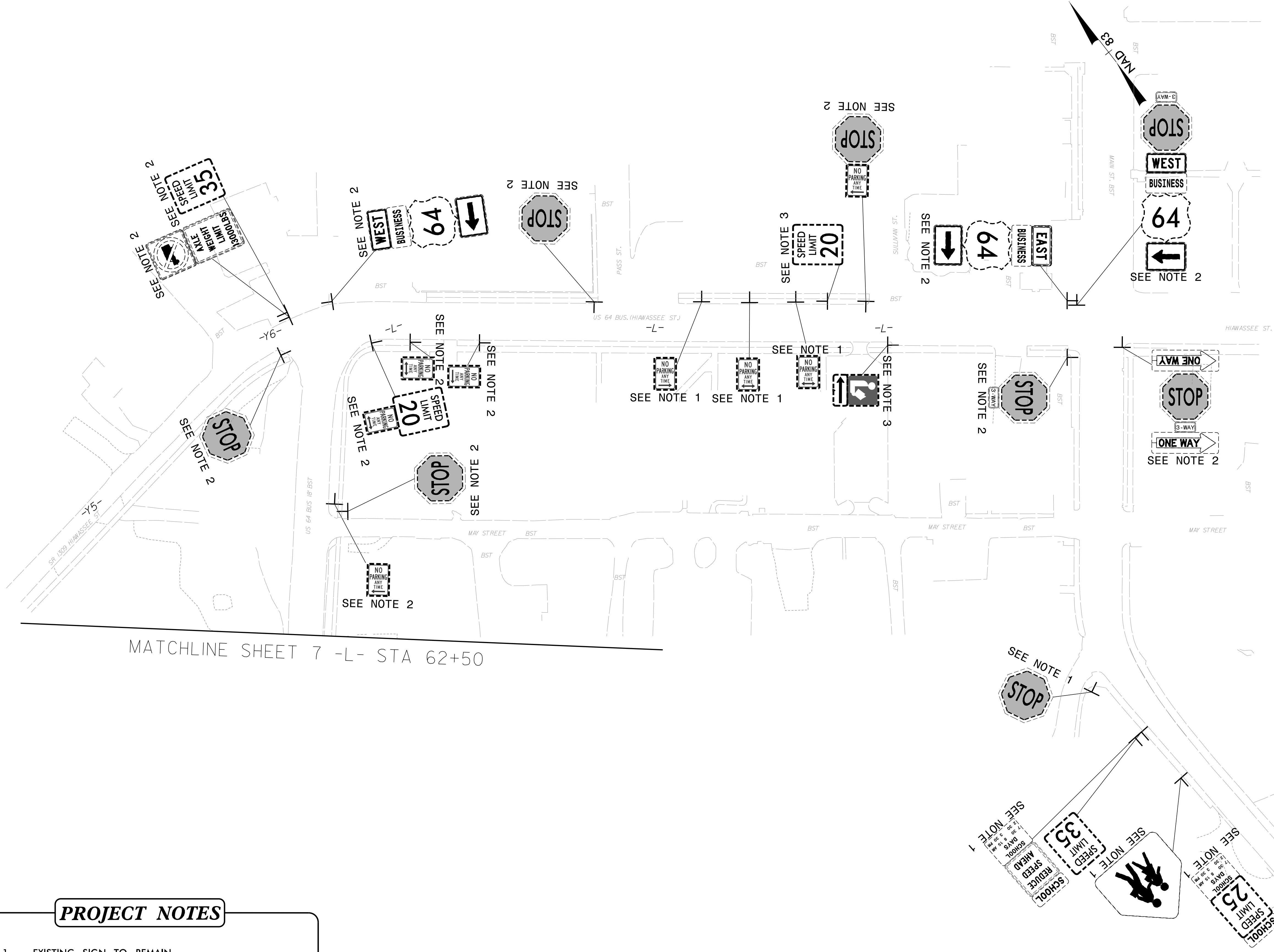
SHEET NO.
SIGN-8

APPROVED: 

DATE: 7/22/2025 | 11:21:06 AM PDT

SEAL

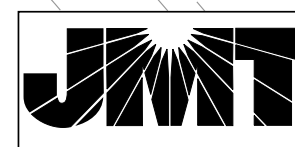

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PROJECT NOTES

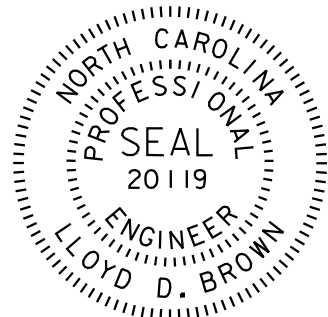
- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

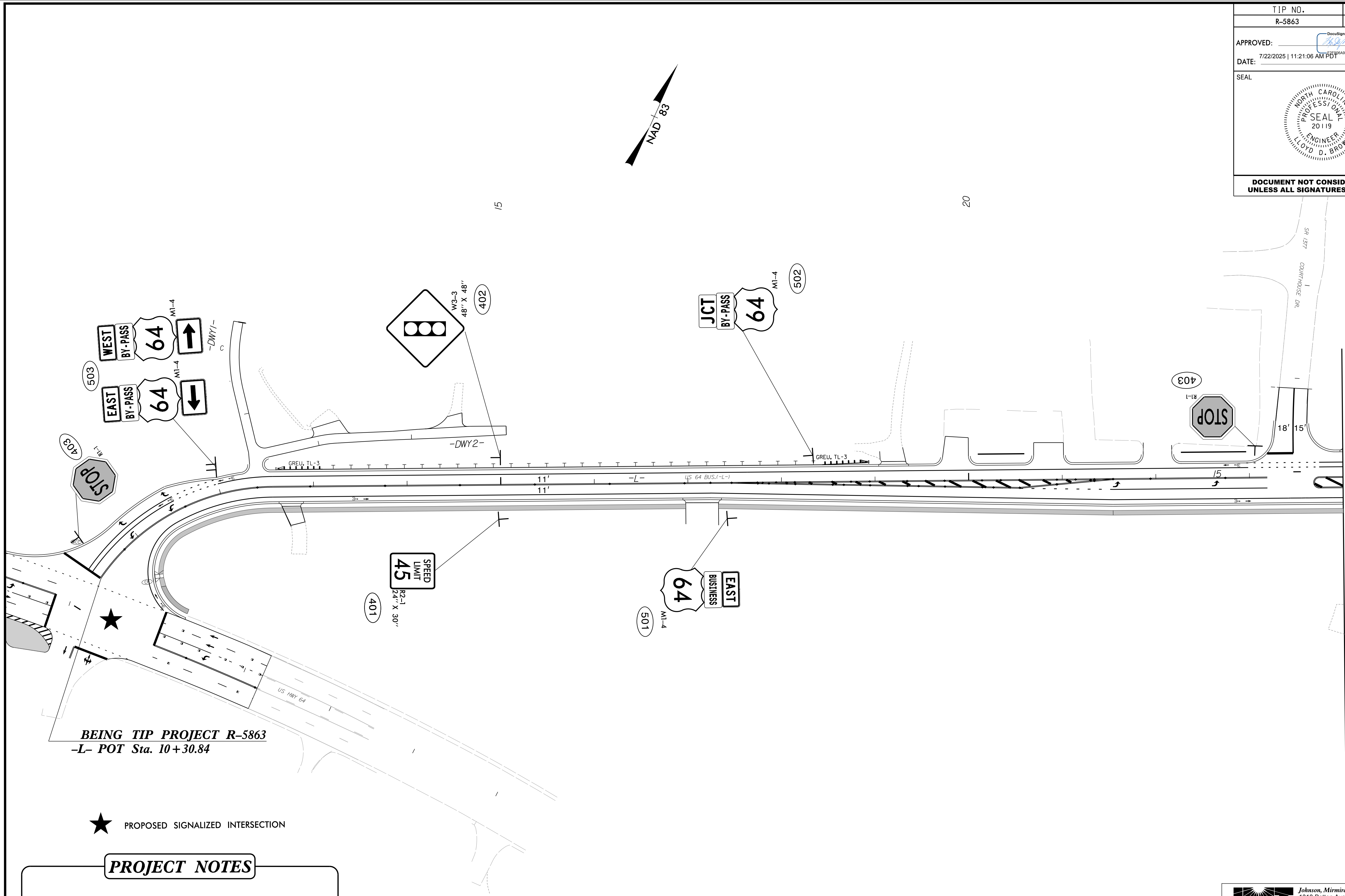
EXISTING SIGNS



Johnson, Mirmiran, & Thompson Inc.
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3057

2/18/2025 10:39:42 AM
\\Signing\18-5863 SIGN-8.dgn
User:tdredd

TIP NO.	SHEET NO.
R-5863	SIGN-9
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



BEING TIP PROJECT R-5863
-L- POT Sta. 10+30.84

★ PROPOSED SIGNALIZED INTERSECTION

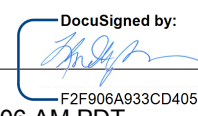
PROJECT NOTES

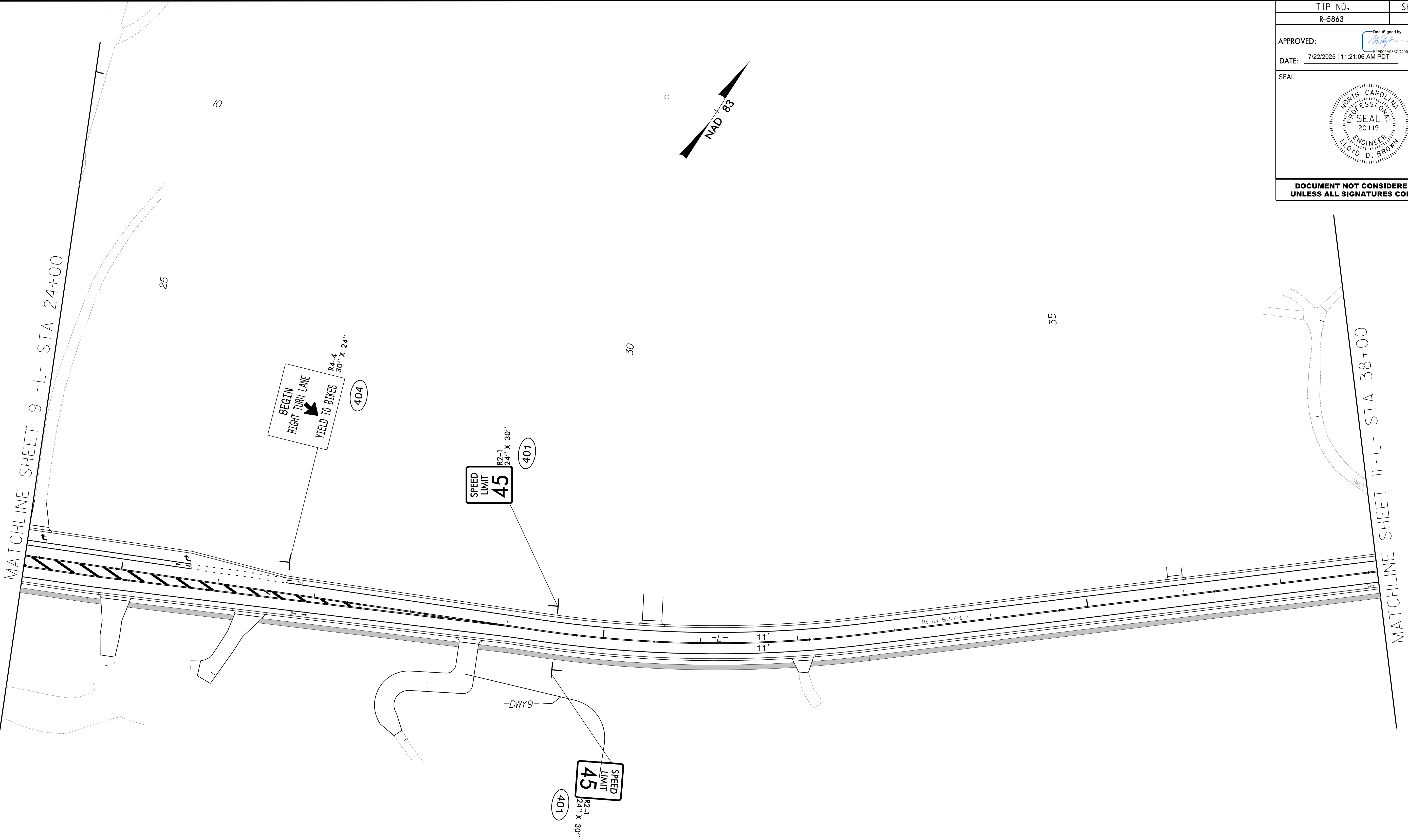
- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

JMT Johnson, Mirmiran, & Thompson Inc.
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3057

PROPOSED SIGNS

4/22/2025 8:03:33 AM
...Signing\R-5863 SIGN-9.dgn
User: mrmiddle

TIP NO.	SHEET NO.
R-5863	SIGN-10
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

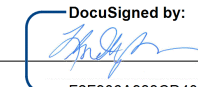


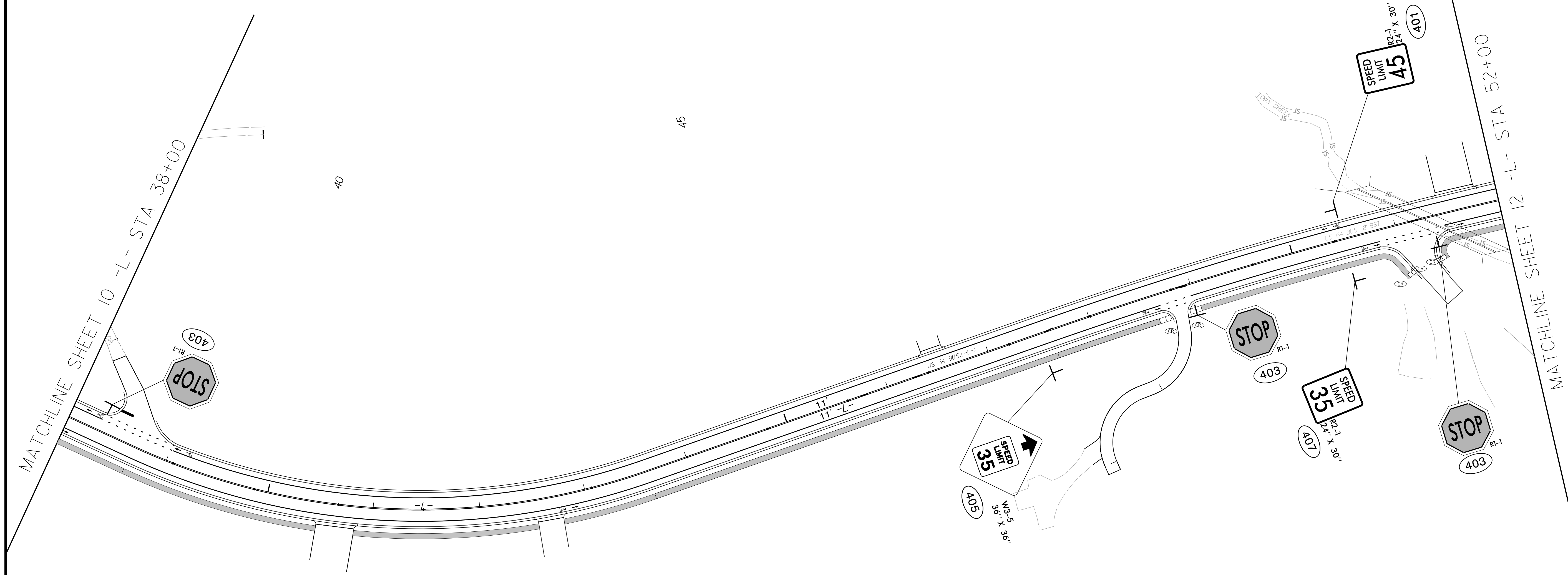
PROJECT NOTES

- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

 **Johnson, Mirmiran, & Thompson Inc.**
1318 Patton Ave Suite F,
Asheville, NC, 28806
License No: C-3057

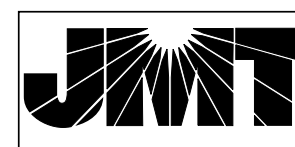
PROPOSED SIGNS

TIP NO.	SHEET NO.
R-5863	SIGN-11
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



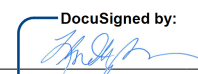
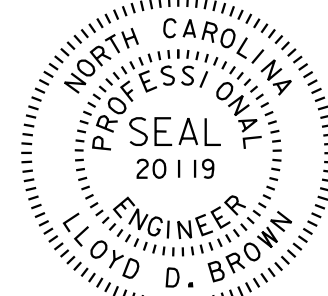
PROJECT NOTES

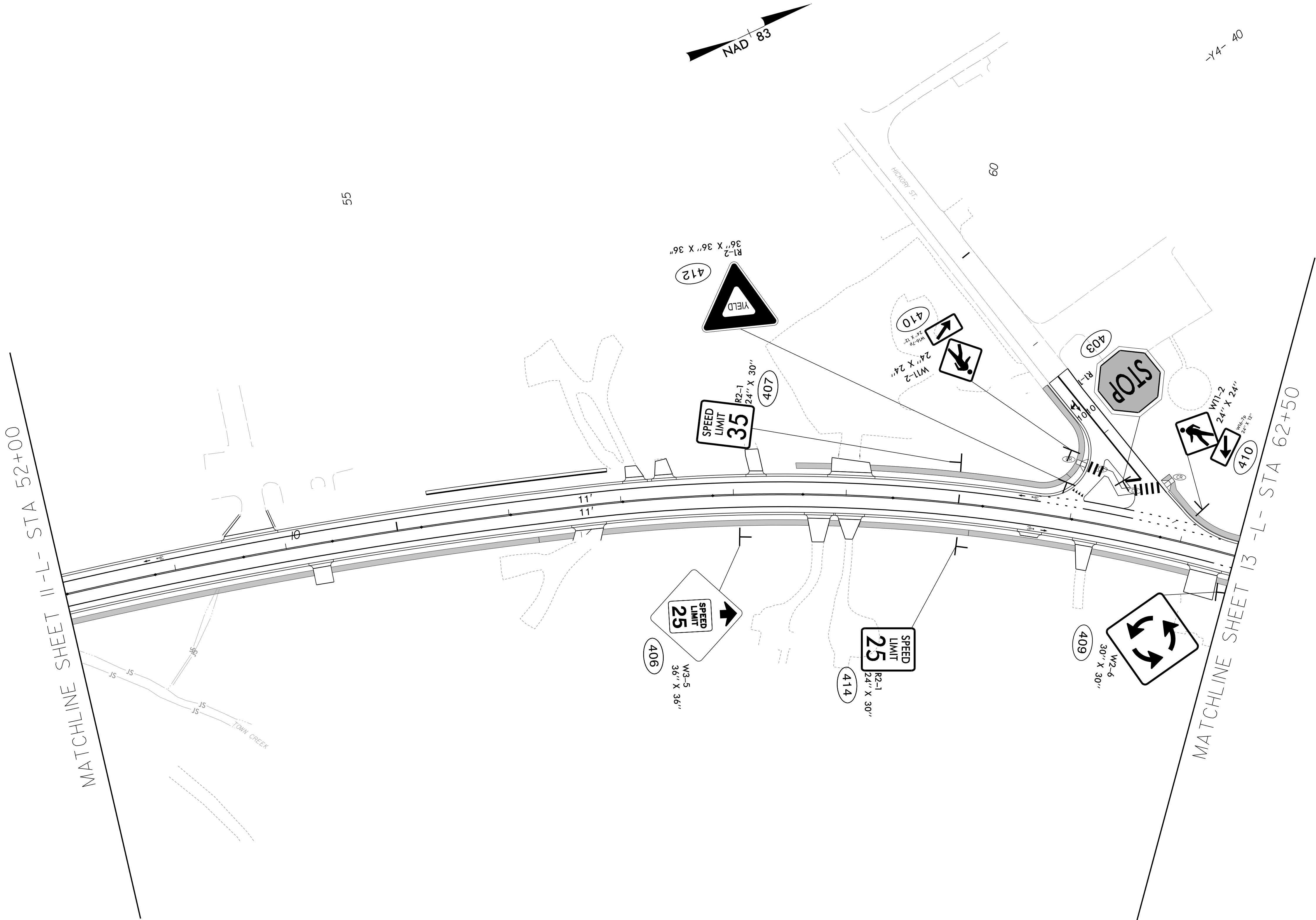
1. EXISTING SIGN TO REMAIN
2. DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
3. RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

	Johnson, Mirmiran, & Thompson Inc. 1318 Patton Ave Suite F, Asheville, NC, 28806 License No: C-3057
---	---

PROPOSED SIGNS

2/18/2025 4:22:45 PM
\\Signing\11-5863_SIGN_11.dgn
User: jfrodde

TIP NO.	SHEET NO.
R-5863	SIGN-12
APPROVED: 	
DATE: 7/22/2025 11:21:06 AM PDT	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



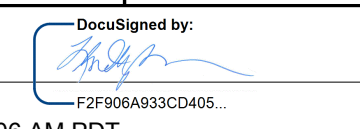
PROJECT NOTES

1. EXISTING SIGN TO REMAIN
2. DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
3. RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

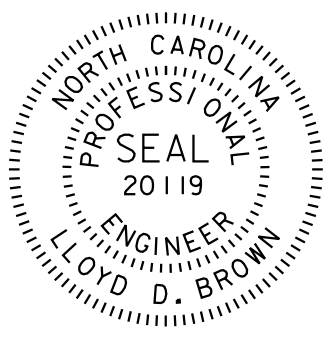
PLEASE REFER TO SHEET SIGN-1A FOR GUIDANCE ON SIGN PLACEMENTS
HOWEVER, ENSURE THAT THE SIGNS SPECIFIED BY THE ENGINEER IN
PLAN SHEET SIGN-13 ARE USED.

TIP NO.
R-5863

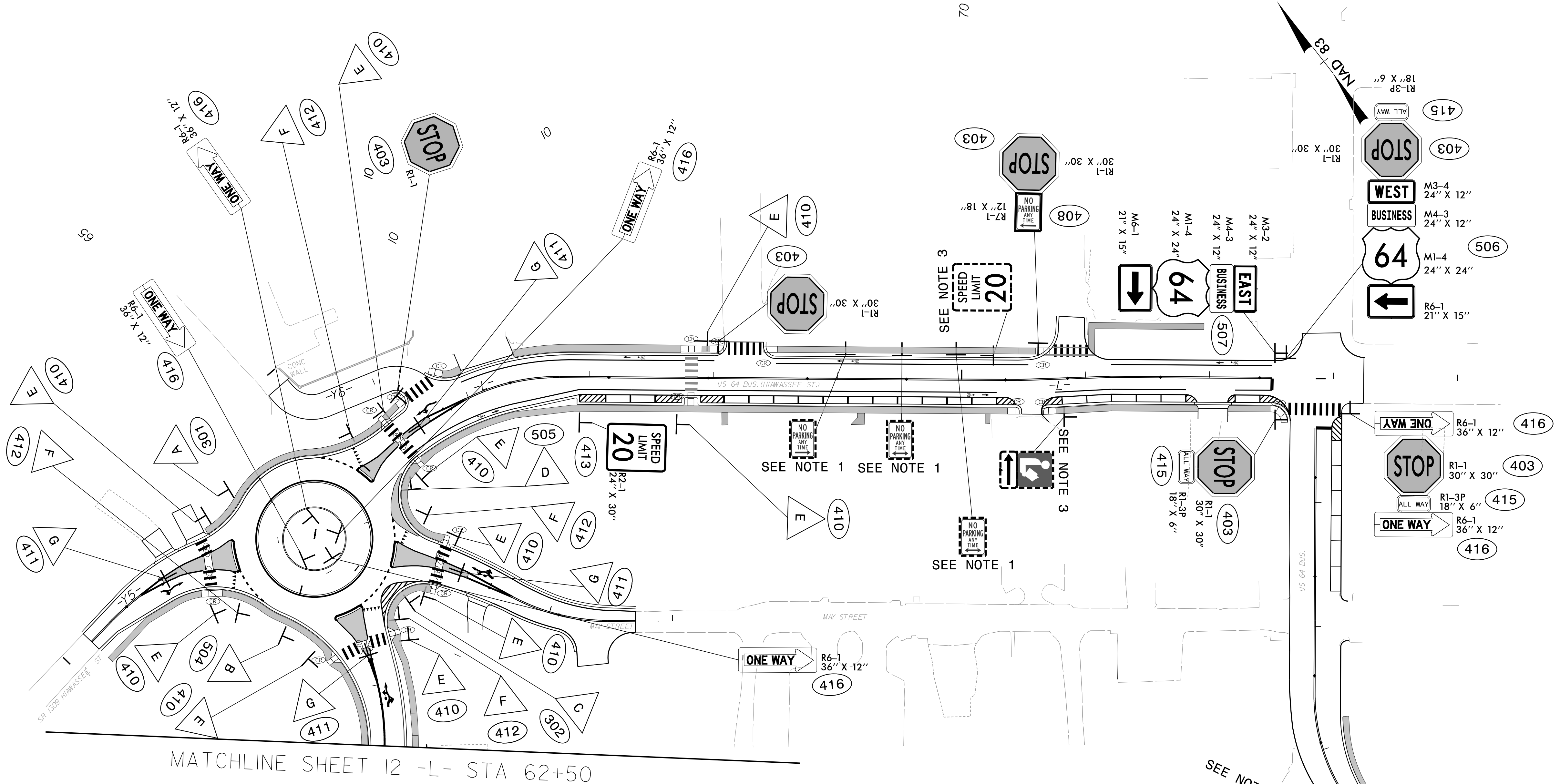
SHEET NO.
SIGN-13

APPROVED: 

DATE: 7/22/2025 | 11:21:06 AM PDT

SEAL


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



A

Hiwassee St

B

WEST
BUSINESS
64

C

May St

D

EAST
BUSINESS
64

E

W11-2
24" X 24"
W16-7p
24" X 12"

F

YIELD
R1-2
36" X 36" X 36"

G

R4-7
18" X 24"

PROJECT NOTES

- EXISTING SIGN TO REMAIN
- DISPOSE OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'
- RELOCATION OF SIGN SYSTEM, TYPE 'D' 'E' OR 'F'

PROPOSED SIGNS

2/19/2025 9:23:23 AM
\\jsigning\131863\Sign\13.dgn
User:tdfrodde