

CONTRACT NO.: C204348

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

CATAWBA & IREDELL COUNTIES

**LOCATION: NC 150 FROM SR 1840 (GREENWOOD RD) IN
CATAWBA COUNTY TO US 21 IN IREDELL COUNTY**

ROADWAY STANDARD DRAWINGS

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>
901.10	TYPE 'A' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS
902.10	FOUNDATIONS FOR GROUND MOUNTED SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.20	SIGNING SCHOOL ZONE
910.30	SIGNING SUPERSTREET
910.50	SIGNING FOR SPEED REDUCTION ZONE

GENERAL NOTES

- . SIGNS FURNISHED BY STATE.
- . CONFIRM IN WRITING AT LEAST 6 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.
- . DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL 'S' DIMENSIONS HAVE BEEN FIELD VERIFIED.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.
- . CONTRACTOR SHALL RETURN ALL STOCKPILE SIGNS BACK TO THE TOWN OF MOORESVILLE PUBLIC WORKS.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS.....	6	CY
4057000000	SP	OVERHEAD FOOTING.....	333	CY
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM.....	5,513	LB
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL.....	11,250	LF
4096000000	904	SIGN ERECTION, TYPE D.....	8	EA
4102000000	904	SIGN ERECTION, TYPE E.....	716	EA
4108000000	904	SIGN ERECTION, TYPE F.....	65	EA
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED).....	4	EA
4114000000	904	SIGN ERECTION, MILEMARKERS.....	2	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED).....	8	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED).....	4	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED).....	3	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED).....	21	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE F (GROUND MOUNTED).....	2	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE LOGO TRAILBLAZER (GROUND MOUNTED)....	7	EA
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 609+50.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y17- STA 14+97.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y16- STA 22+88.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y23- STA 13+00.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 698+45.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 712+77.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 739+32.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 734+85.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 728+23.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 731+90.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y31RPC- STA 16+55.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y31RPA- STA 17+03.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y40- STA 14+32.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 786+50.....	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 796+89.....	1	LS
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM.....	16	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	251	EA
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL.....	30	EA
4237000000	907	STOCKPILE SIGN, D, E, OR F.....	13	EA

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT CHART
SIGN-3-3N	OVERHEAD DETAIL
SIGN-4-4I	SIGN DESIGNS
SIGN-5-5A	TYPE 'E' SIGNS
SIGN-5B	TYPE 'F' SIGNS
SIGN-5C	MILEMARKERS
	& U-TURN SIGN DETAIL
SIGN-6-4I	SIGNING PLAN SHEETS

TIP NO.		SHEET NO.	
R-2307B & I-5717		SIGN-1	
DocuSigner by: <i>Betsy J. Watson</i> 35EB7B834F8743F			
APPROVED: _____			
DATE: 8/14/2024 _____			
SEAL			
			
DO NOT SIGN OR CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT		
<u>KELVIN JORDAN</u>	SIGNING & DELINEATION REGIONAL ENGINEER	
<u>ERIC WARD</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER	

PLAN PREPARED BY:		 Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6360 Fax. (919) 851-7024 www.stantec.com License No. F-0672
<u>BETSY L. WATSON, P.E.</u>	SENIOR TRANSPORTATION ENGINEER	
<u>ROSI R. HENNEIN</u>	TRANSPORTATION DESIGNER	

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-2

APPROVED:
DATE: 8/14/2024

Betsy L. Watson

35E07B834F8743F

SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER

SEAL
29449

BETSY L. WATSON

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Stantec

TYPE 'A' GROUND MOUNTED SIGNS

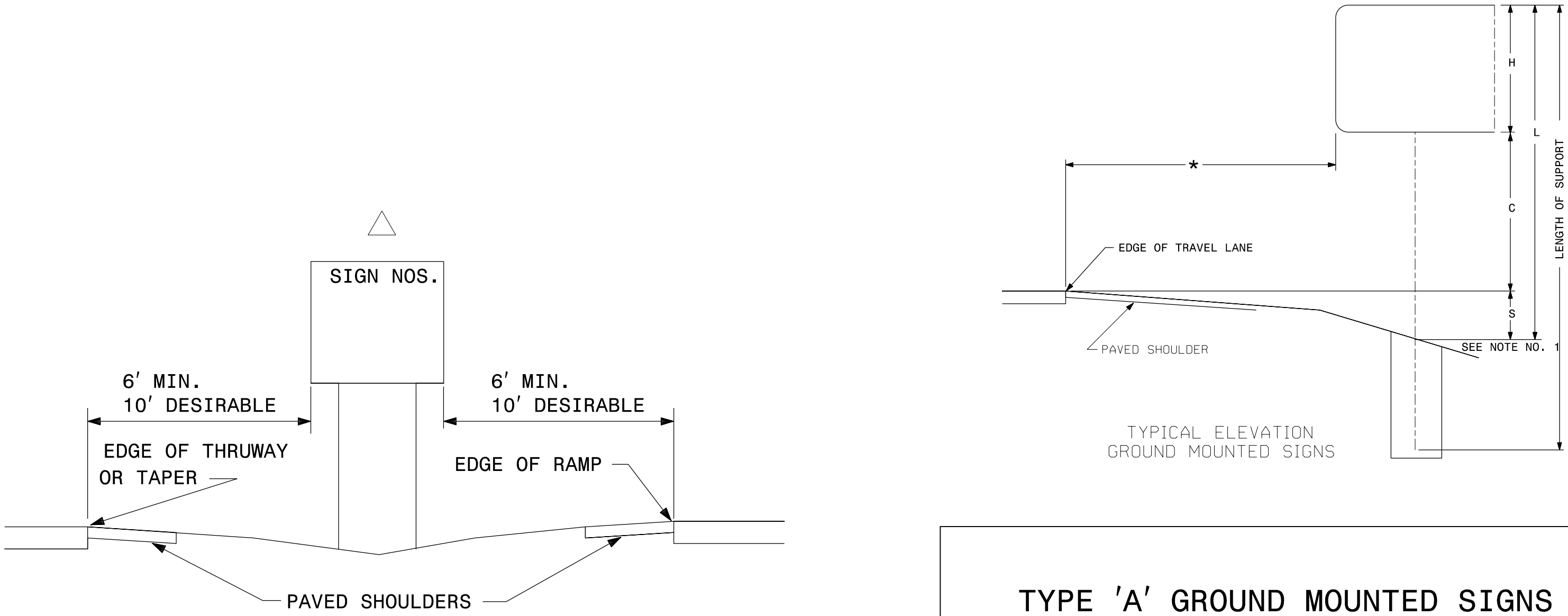
SUPPORT CHART

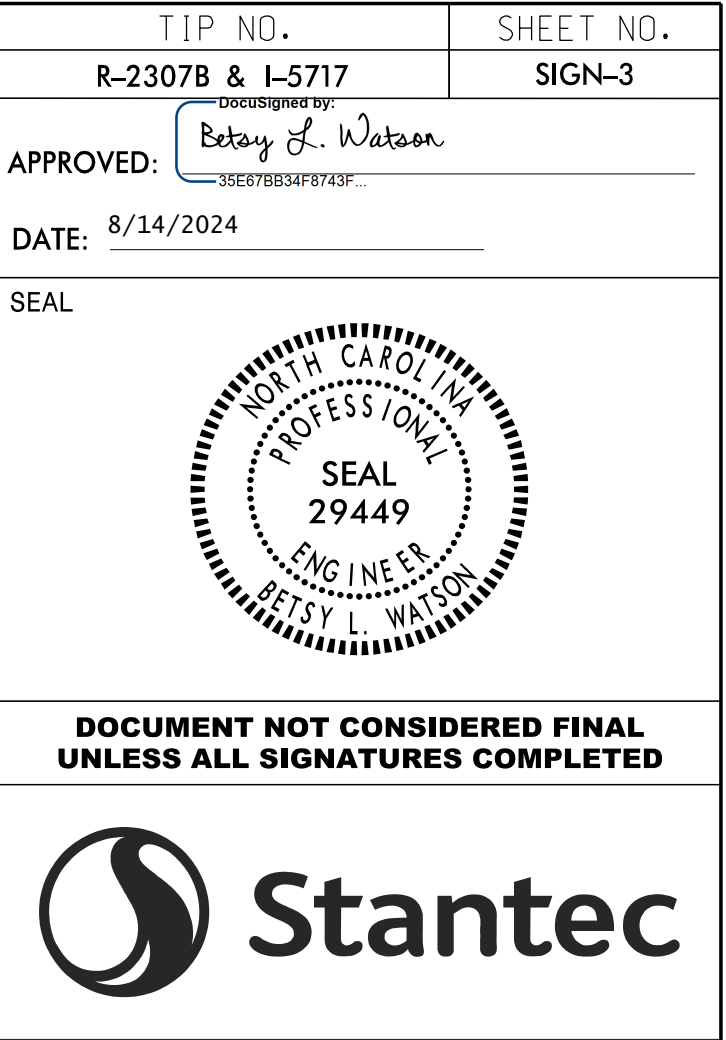
Version: 3.1 Posted: 6/2/2017

SIGN			ROADWAY STATION			NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
														SNS HT "H"	MTG HT "C"	EMBED- MENT										B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
NUMBER	TYPE	SIZE (in.) w x h															S	L	LENGTH	S	L	LENGTH	S	L	LENGTH							
101	A	102 x 84	x	84	-Y31RPC- 16+00	2	W6x9	BA	N/A	N/A	N/A	18.00	4.98	7.00	7.00	3.0	2.33	16.33	19.33	0.00	0.00	0.00	3.12	17.12	20.12	419.05	0	1.5	3.5	0.46	0.00	
102	A	102 x 84	x	84	-Y31RPA- 16+00	2	W6x9	BA	N/A	N/A	N/A	18.00	4.98	7.00	7.00	3.0	2.83	16.83	19.83	0.00	0.00	0.00	3.99	17.99	20.99	431.38	0	1.5	3.5	0.46	0.00	
103	A	114 x 150	x	150	-L- 746+00	2	W6x12	BA	N/A	N/A	N/A	12.00	5.57	12.50	7.71	4.0	-0.71	19.50	23.50	0.00	0.00	0.00	-0.68	19.53	23.53	642.36	0	1.5	4.5	0.59	0.00	
201	A	84 x 120	x	120	-L- 797+50	2	W6x9	BA	N/A	N/A	N/A	Δ	4.10	10.00	7.00	3.0	0.50	17.50	20.50	0.00	0.00	0.00	0.50	17.50	20.50	433.00	0	1.5	3.5	0.46	0.00	
901	A	90 x 108	x	108	-Y31RPC- 15+50	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	9.00	7.00	3.0	2.73	18.73	21.73	0.00	0.00	0.00	1.92	17.92	20.92	447.85	0	1.5	3.5	0.46	0.00	
902	A	90 x 102	x	102	-Y31RPC- 17+50	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	2.15	17.65	20.65	0.00	0.00	0.00	2.89	18.39	21.39	442.36	0	1.5	3.5	0.46	0.00	
903	A	90 x 102	x	102	-Y31RPC- 18+00	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	3.46	18.96	21.96	0.00	0.00	0.00	2.55	18.05	21.05	451.09	0	1.5	3.5	0.46	0.00	
904	A	90 x 102	x	102	-Y31RPC- 19+25	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	3.71	19.21	22.21	0.00	0.00	0.00	2.72	18.22	21.22	454.87	0	1.5	3.5	0.46	0.00	
905	A	90 x 108	x	108	-Y31RPA- 14+50	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	9.00	7.00	3.0	2.31	18.31	21.31	0.00	0.00	0.00	3.08	19.08	22.08	454.51	0	1.5	3.5	0.46	0.00	
906	A	90 x 102	x	102	-Y31RPA- 15+00	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	2.89	18.39	21.39	0.00	0.00	0.00	2.15	17.65	20.65	442.36	0	1.5	3.5	0.46	0.00	
907	A	90 x 102	x	102	-Y31RPA- 16+00	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	3.12	18.62	21.62	0.00	0.00	0.00	2.31	17.81	20.81	445.87	0	1.5	3.5	0.46	0.00	
908	A	90 x 102	x	102	-Y31RPA- 17+25	2	W6x9	BA	N/A	N/A	N/A	18.00	4.40	8.50	7.00	3.0	3.25	18.75	21.75	0.00	0.00	0.00	2.40	17.90	20.90	447.85	0	1.5	3.5	0.46	0.00	
																										TOTAL 5512.55	TOTAL 0.00			TOTAL 5.63	TOTAL 0.00	
																										USE: 5513.00	0.00			6.00	0.00	

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.





TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3A

APPROVED:

DESIGNED BY:
Betsy L. Watson

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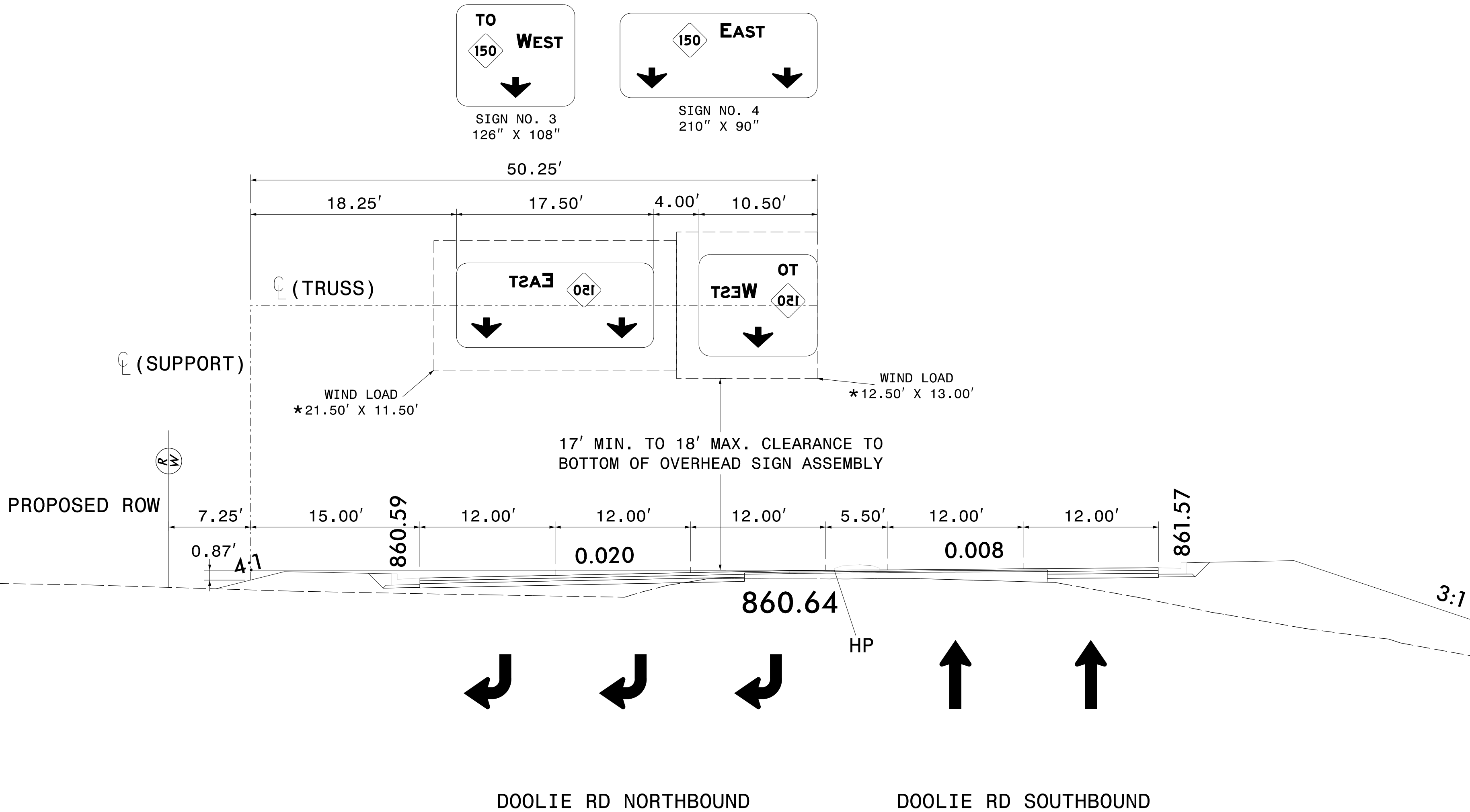
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NOTES:

- IF CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
- THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

SIGN STRUCTURE 480691

PROPOSED OVERHEAD SIGN STRUCTURE 'B'
DOOLIE RD
-Y17- STA 14+97

TIP NO.
R-23078 & I-5717

SHEET NO.
SIGN-3B

APPROVED:

DESIGNED BY:
Betsy L. Watson

35E67B834F0743F...

DATE:

8/14/2024

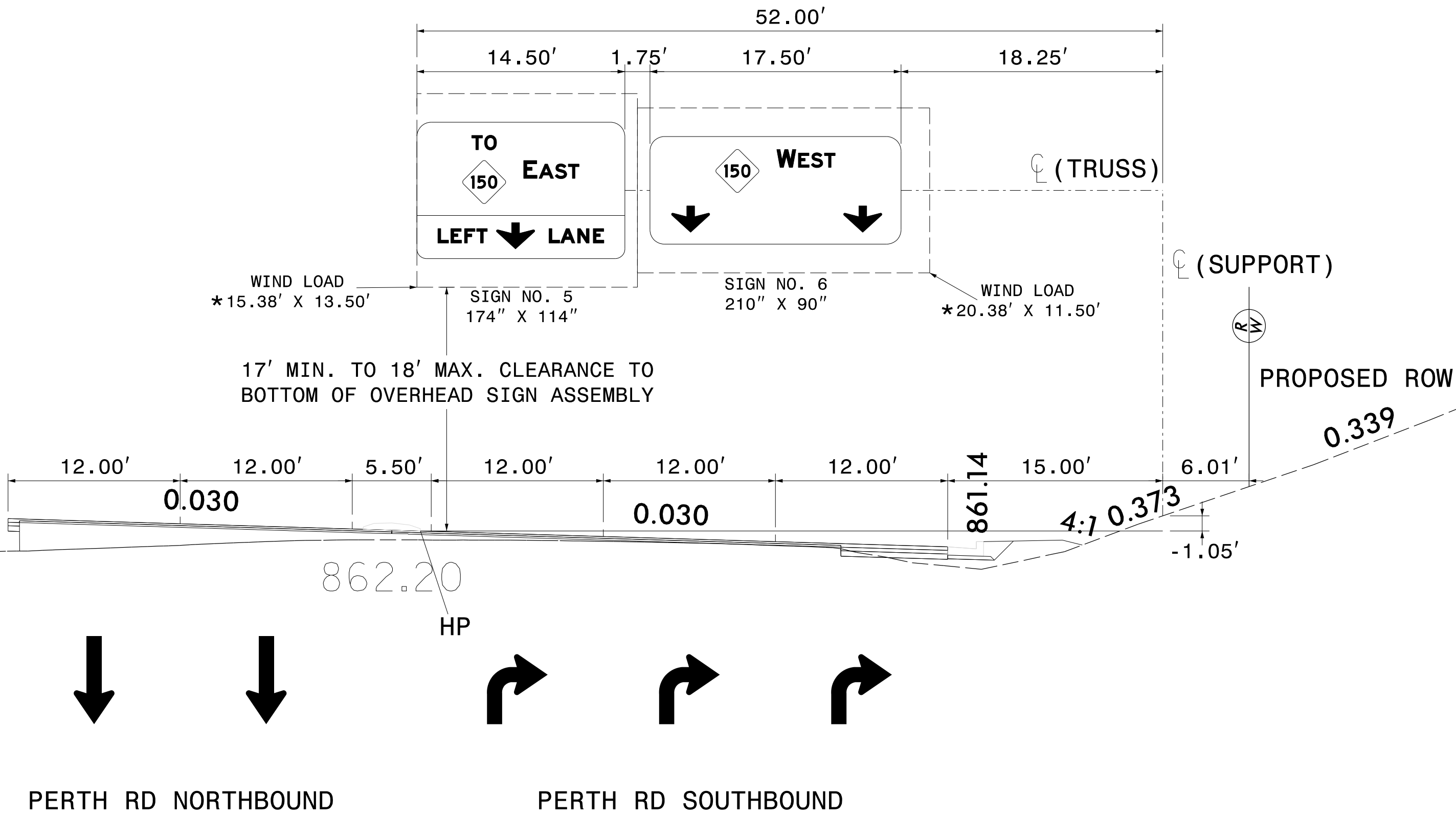
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SIGN STRUCTURE 480692

PROPOSED OVERHEAD SIGN STRUCTURE 'C'
PERTH RD
-Y16- STA 22+88

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3C

APPROVED:

DESIGNED BY:
Betsy L. Watson

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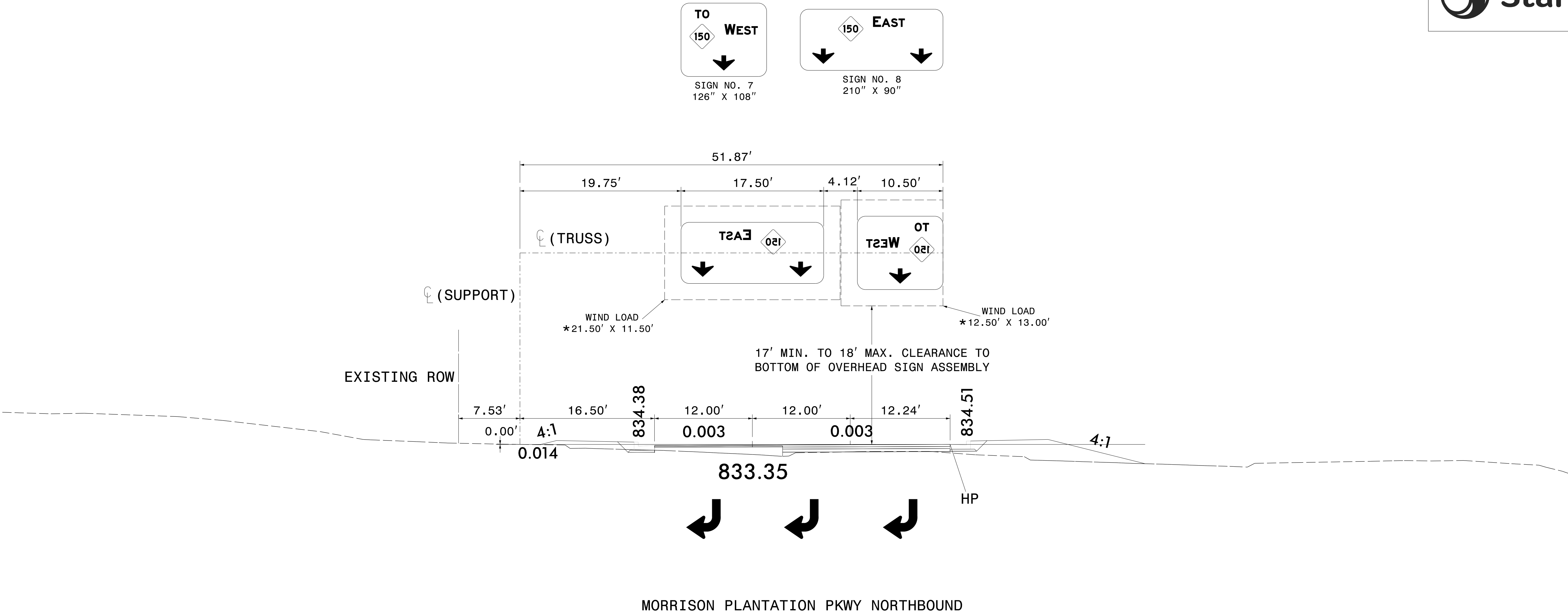
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NOTES:

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SIGN STRUCTURE 480693

PROPOSED OVERHEAD SIGN STRUCTURE 'D'
MORRISON PLANTATION PKWY
-Y23- STA 13+00

TIP NO.
R-23078 & I-5717

SHEET NO.
SIGN-3D

APPROVED:

DESIGNED BY:
Betsy L. Watson

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DATE:

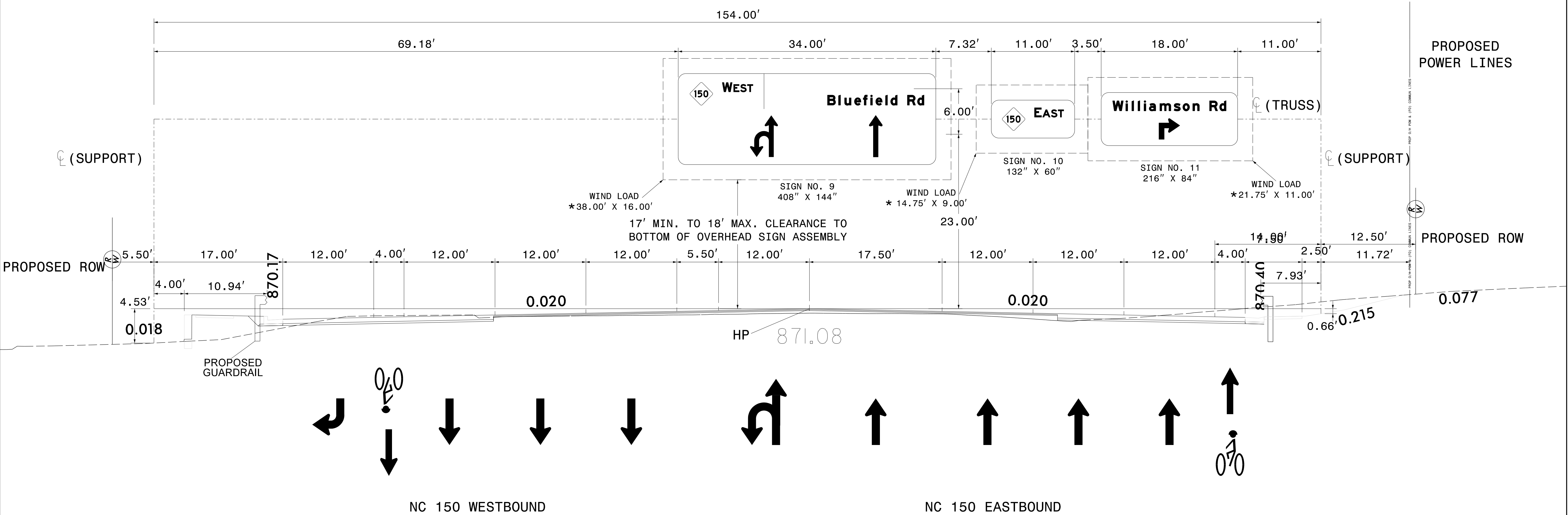
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SIGN STRUCTURE 480694

PROPOSED OVERHEAD SIGN STRUCTURE 'E'
NC 150
-L- STA 698+45

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3E

APPROVED:
DATE: 8/14/2024

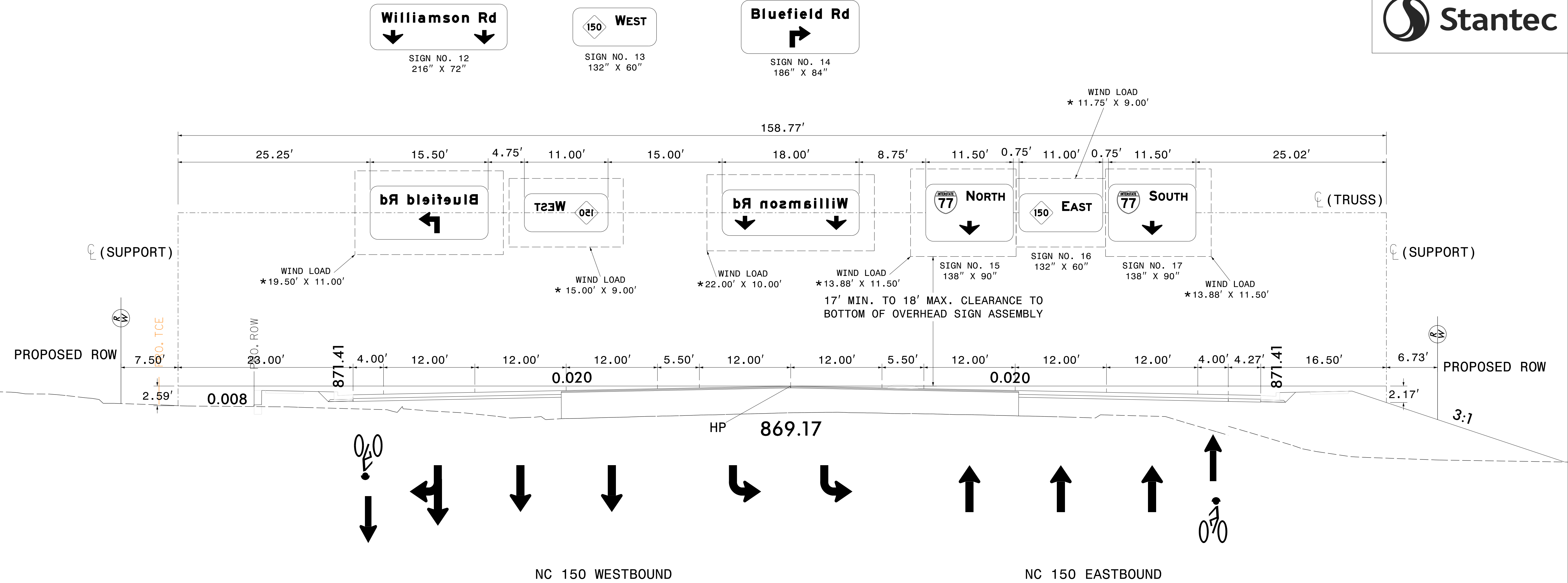
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NOTES:

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SIGN STRUCTURE 480695

PROPOSED OVERHEAD SIGN STRUCTURE 'F'
NC 150
-L- STA 712+87



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PROPOSED OVERHEAD SIGN STRUCTURE 'G'
NC 150
-L- STA 739+32

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3G

APPROVED:

DESIGNED BY:
Betsy L. Watson

SEAL
29449

DATE:

8/14/2024

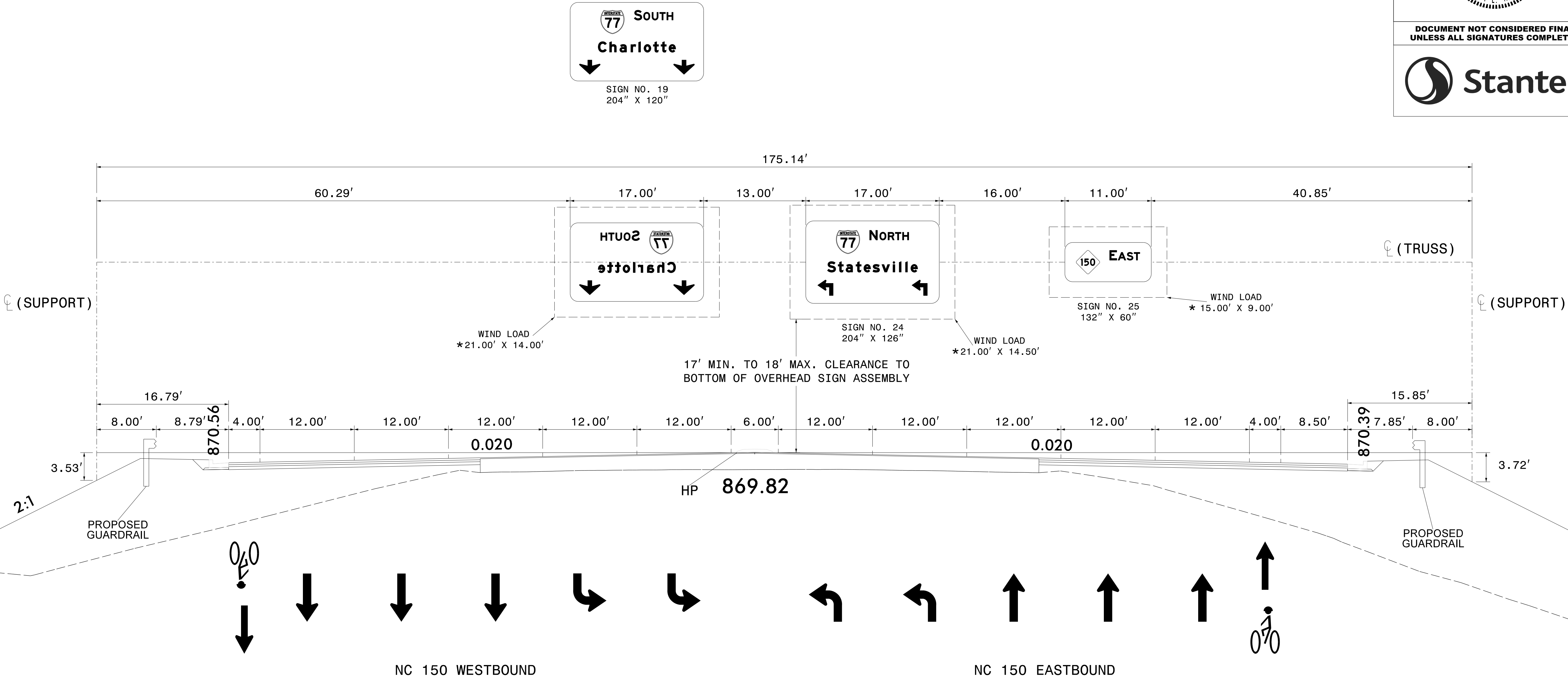
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BETSY L. WATSON

29449

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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NOTES:

- IF CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
- THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

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SIGN STRUCTURE 480697

PROPOSED OVERHEAD SIGN STRUCTURE 'H'
NC 150
-L- STA 734+85

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3H

APPROVED:

DESIGNED BY:
Betsy L. Watson

35E078834F0743F...

DATE:

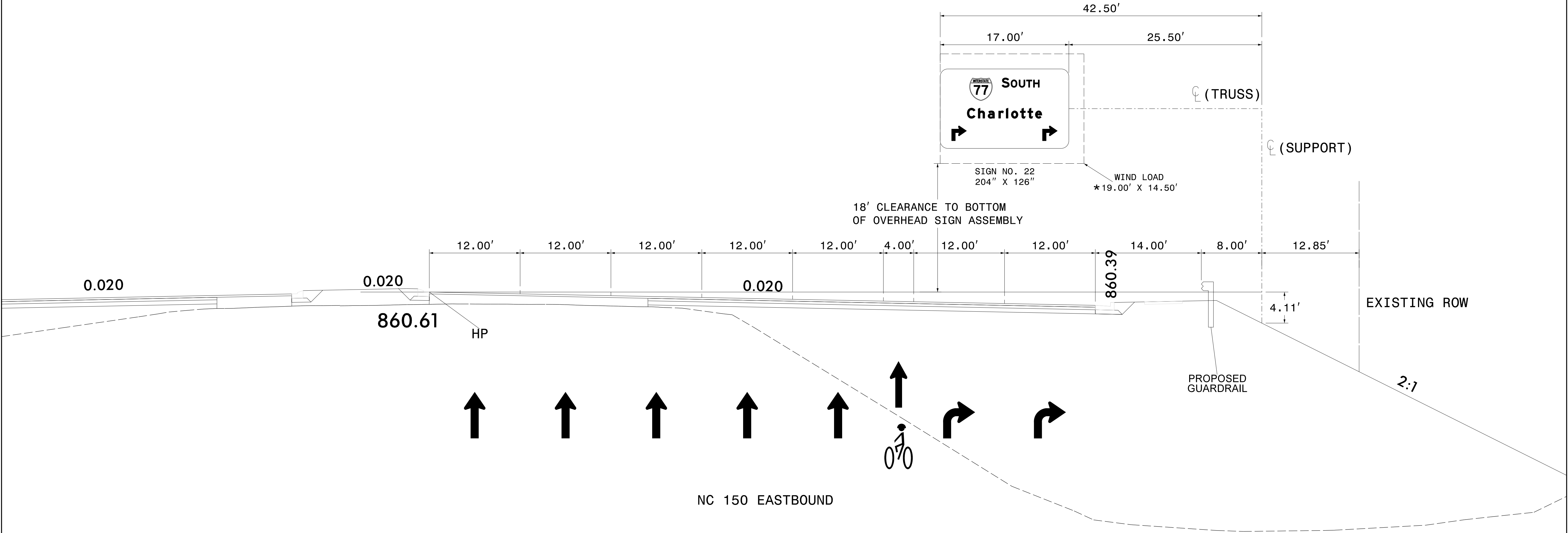
8/14/2024

SEAL

NORTH CAROLINA
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SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



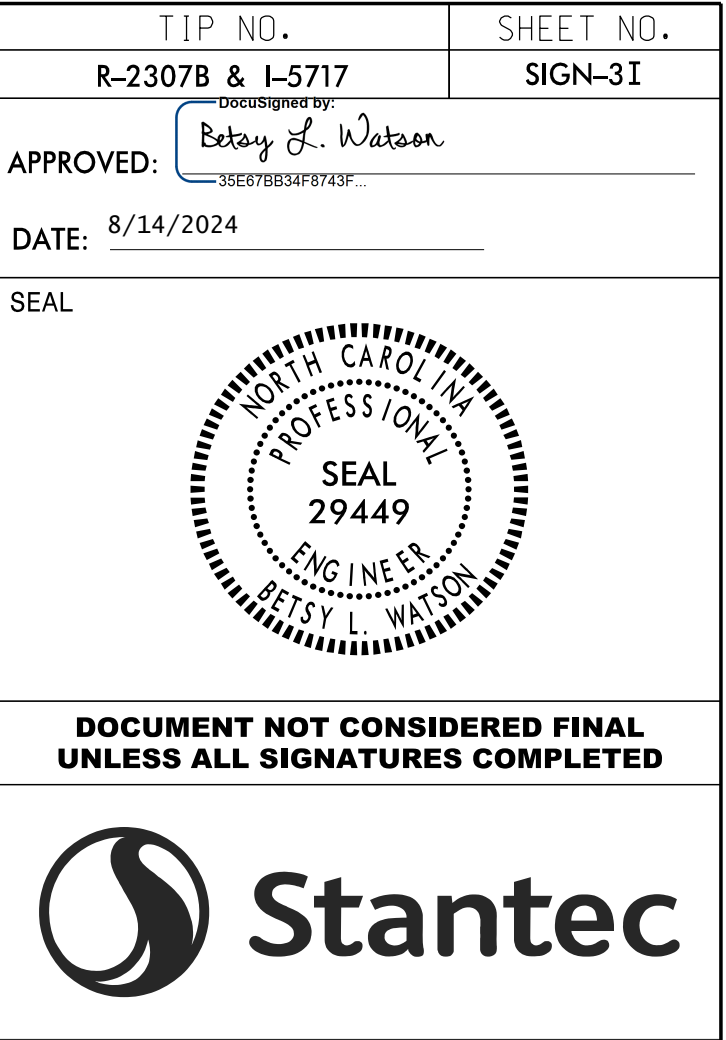
NOTES:

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SIGN STRUCTURE 480698

PROPOSED OVERHEAD SIGN STRUCTURE 'I'
NC 150
-L- STA 728+23



\$\$\$\$SYTIME\$\$\$\$
 \$\$\$\$DGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$



\$\$\$\$SYTIME\$\$\$\$
 \$\$\$\$DGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$

- \$\$\$\$SYTIME\$\$\$\$
 \$\$\$\$DGN\$\$\$\$\$
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\$\$\$\$SYTIME\$\$\$\$
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\$\$\$\$SYTIME\$\$\$\$
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 \$\$\$USERNAME\$\$\$

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$\$DGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3K

APPROVED:

DESIGNED BY:
Betsy L. Watson

356878834F0743F...

DATE:

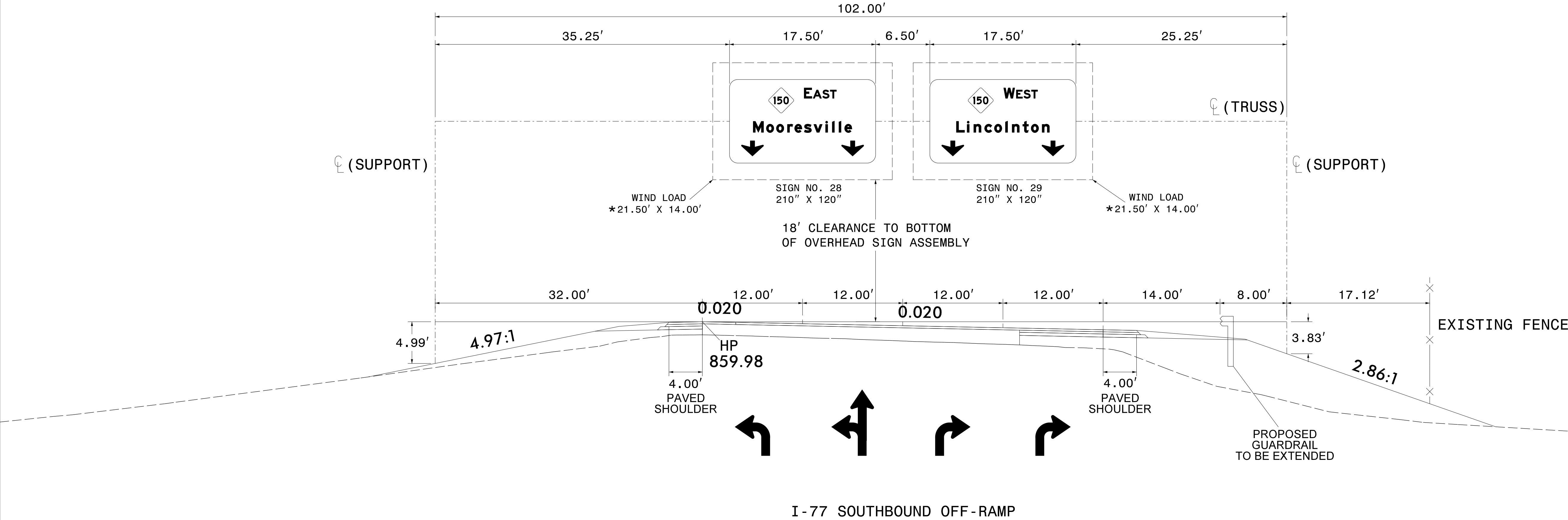
8/14/2024

SEAL

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SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



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SIGN STRUCTURE 480701

PROPOSED OVERHEAD SIGN STRUCTURE 'L'
I-77 SOUTHBOUND OFF-RAMP
-Y31RPA- STA 17+03

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3L

APPROVED:

DESIGNED BY:
Betsy L. Watson

35E67B834F0743F...

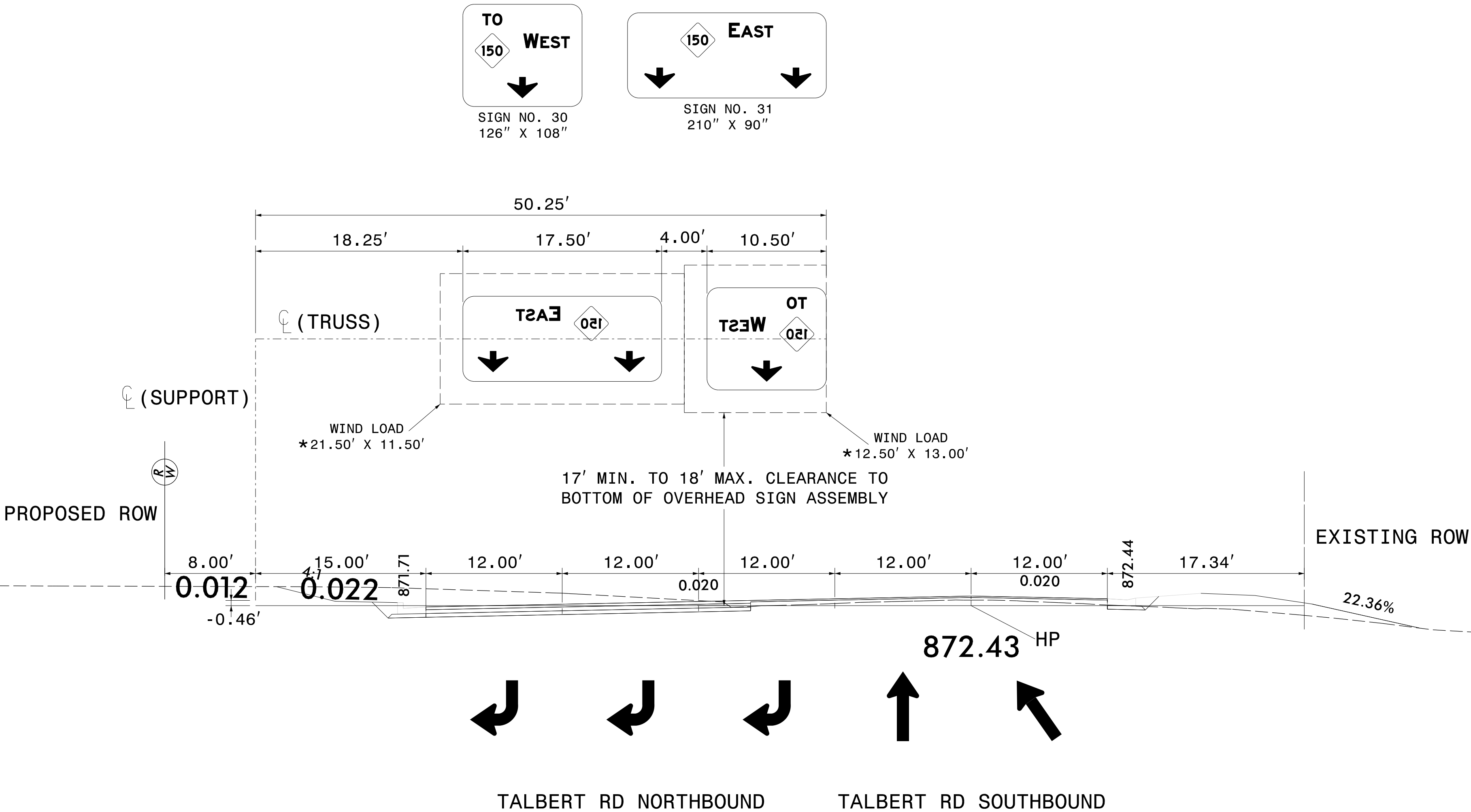
DATE: 8/14/2024

SEAL

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SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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SIGN STRUCTURE 480702

PROPOSED OVERHEAD SIGN STRUCTURE 'M'
TALBERT RD
-Y40- STA 14+32

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3M

APPROVED:

DESIGNED BY:
Betsy L. Watson

356878834F0743F...

DATE:

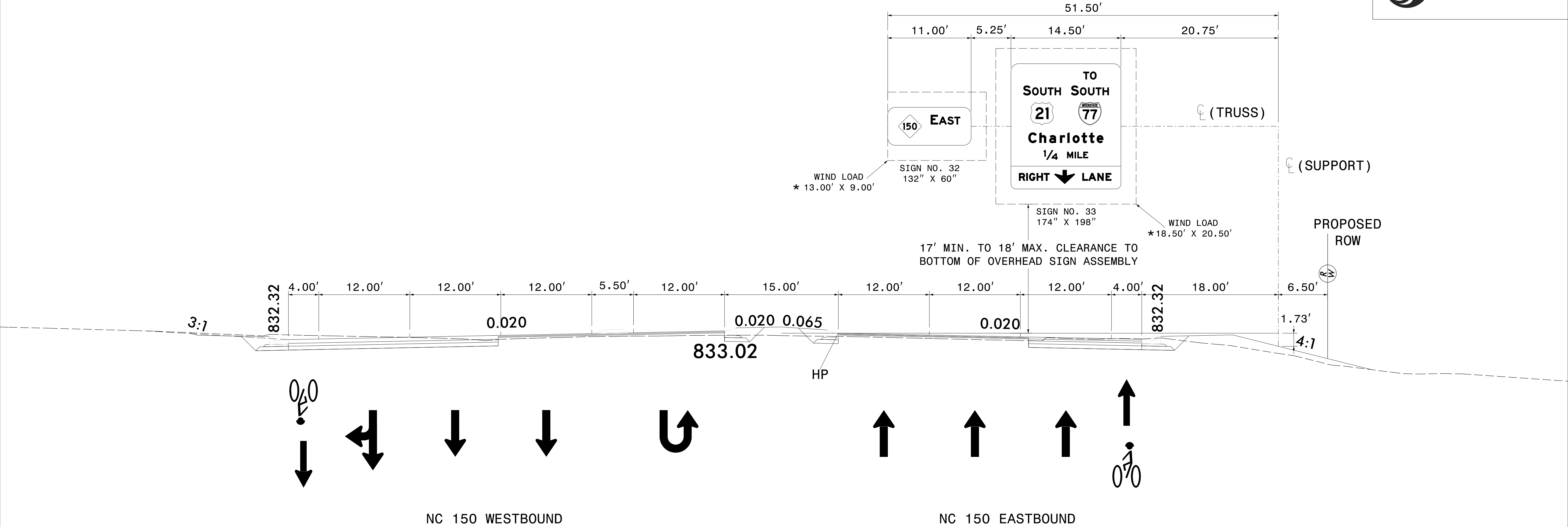
8/14/2024

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SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
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SIGN STRUCTURE 480703

PROPOSED OVERHEAD SIGN STRUCTURE 'N'
NC 150
-L- STA 786+50

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-3N

APPROVED:

DESIGNED BY:
Betsy L. Watson

SEAL
29449

DATE: 8/14/2024

SEAL

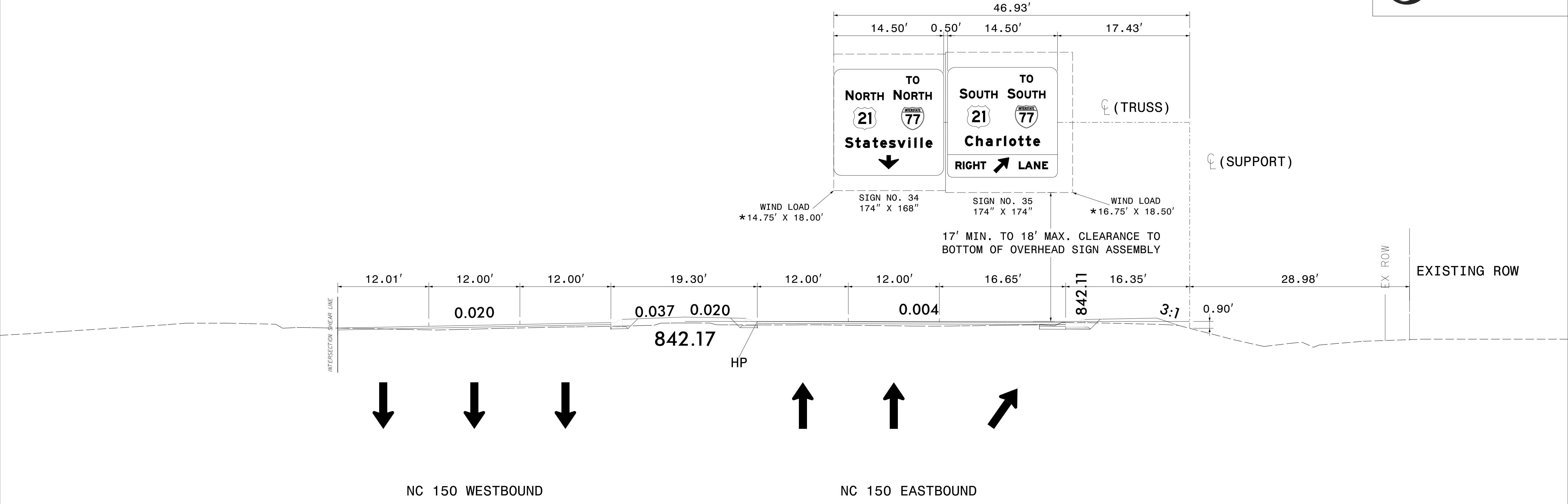
SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
BETSY L. WATSON

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SIGN STRUCTURE 480704

PROPOSED OVERHEAD SIGN STRUCTURE 'O'
NC 150
-L- STA 796+89

SIGN NUMBER:	2,6	BACKG COLOR:	Green			
TYPE:	A	COPY COLOR:	White			
QUANTITY:	2					
SIGN WIDTH:	210"					
HEIGHT:	90"					
TOTAL AREA:	131.3 Sq.Ft.					
BORDER TYPE:	FLUSH					
RADII:	12"					
WIDTH:	2"					
RECESS:	0"					
NO. Z BARS:	3					
LENGTH:	202.0					

SYMBOL	X	Y	WID	HT
NC243A	55.1	43.3	36	36
ARDOWN	18	10	32	22
ARDOWN	162	10	32	22

MAT'L: 0.125" (3.2MM) ALUMINUM

USE NOTES

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

[illegible]

ARROW DIMENSIONS (INCHES)						
C	D	E	F	G	H	I
4.94	16.375	9.94	5.875	0.813	1.00	10.125

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018

PROJECT ID: R-2307B & I-517 DIV: 12

10'-6"

10"

12"E

9"

36"

41"

9'-0"

31"

15"E

31"

22"

9"

62"

12"E

99.8"

13.1"

13.1"

BORDER
R=12"
TH=2"

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018

PROJECT ID: R-2307B & I-5717 DIV: 12

17'-6"

7'-6"

10.7"

36"

11.3"

22"

10"

17'-0"

18"

17'-0"

16"

10.7"

13'-7"

15"E

12"

32.3"

64.3"

22"

10"

BORDER
R=12"
TH=2"

[illegible]

TYPE 'A' OVERHEAD SIGNS

SIGN NUMBER: 5 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

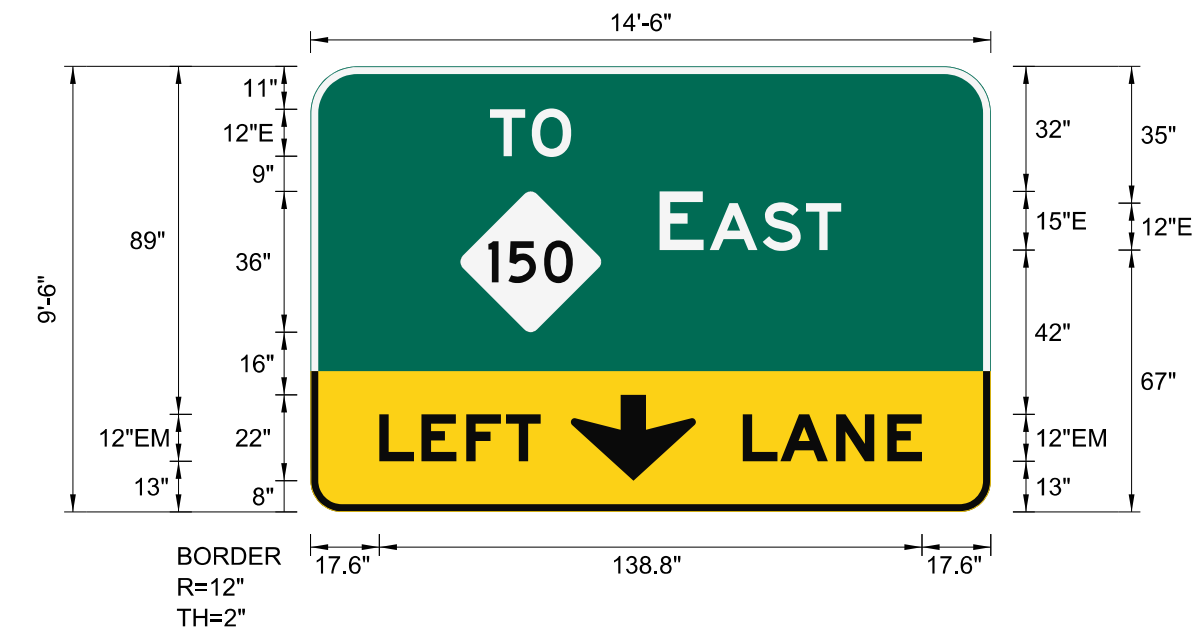
SYMBOL	X	Y	WID	HT
NC243A	38.3	46	36	36
ARDOWN	66.6	8	32	22

BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 166.0

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

USE NOTES

1. Legend and border (except those that are colored black) shall be direct applied Grade A 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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10" THICKNESS:2" RECESS:2"

LETTER POSITIONS

[illegible]

SIGN NUMBER: 10,16,25,32 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 4

SIGN WIDTH: 132"
 HEIGHT: 60"
 TOTAL AREA: 55.0 Sq.Ft.

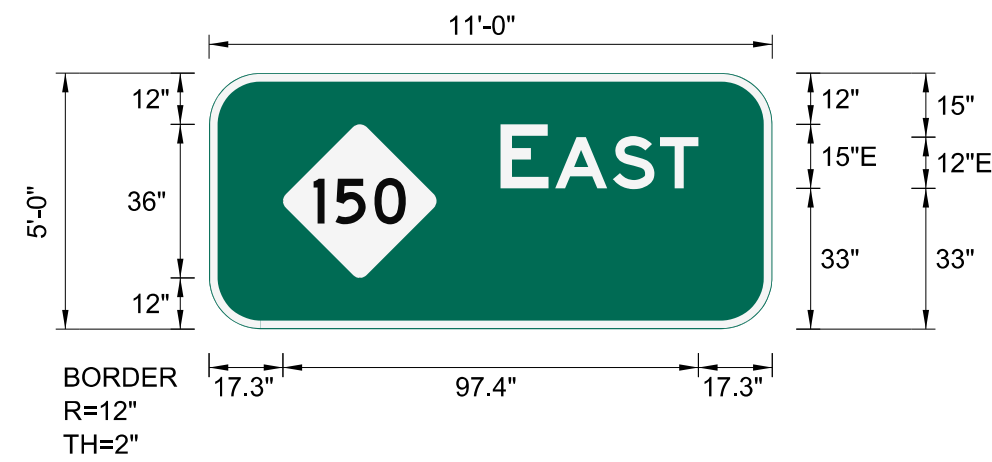
BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WID	HT
NC243A	17.3	12	36	36

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

SIGN NUMBER: 9 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SIGN WIDTH: 408"
 HEIGHT: 144"
 TOTAL AREA: 408.0 Sq.Ft.

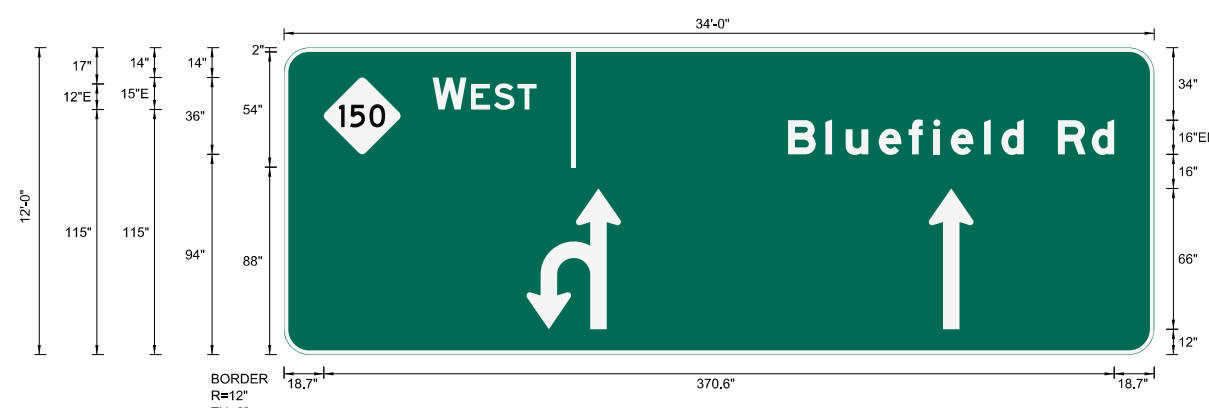
BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 400.0

SYMBOL	X	Y	WIDTH	HT
NC243A	18.7	94	36	36
AR_THRU	302.3	12	21	66

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Sep 23, 2019
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

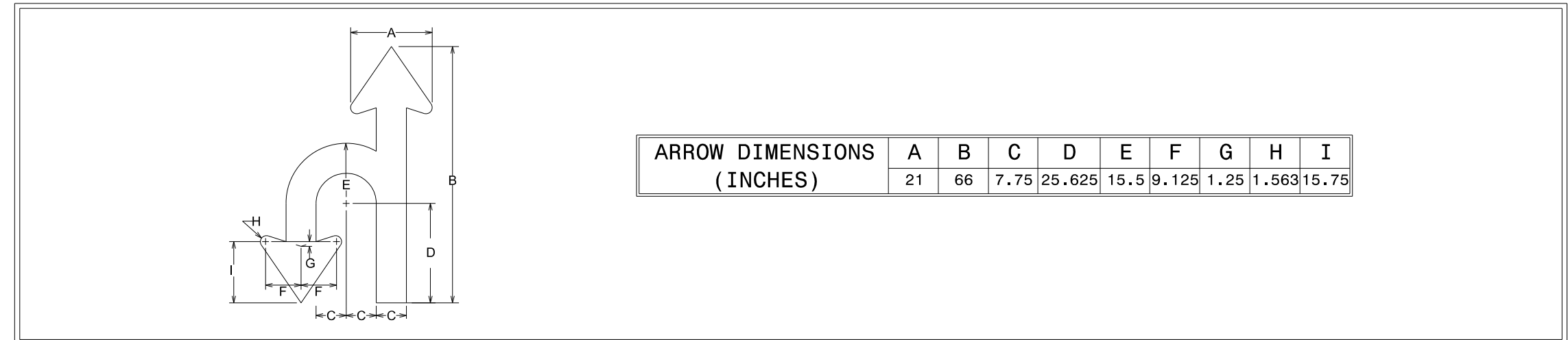
USE NOTES

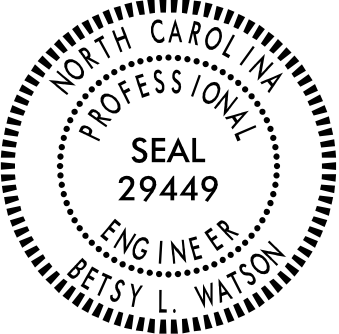
1. Legend and border (except those that are colored black) shall be direct applied Grade A sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter																			Series/Size Text Length
	W		E	S	T														E 2000
69.7	15.9	2.2	10.7	11	9	289.5													48.8
	B		l	u	e	f	i	e	l	d		R	d						EM 2000
236.4	17.4	9.6	15.5	13.9	11.7	8.2	15.5	8.2	10.6	16	15.8	10.6	18.7						153

ARROW DETAILS



TIP NO.		SHEET NO.	
R-2307B & I-5717		SIGNATURE	
DocuSigned by: <i>Betsy L. Watson</i> 356070034F8743F...			
APPROVED:			
DATE: 8/14/2024			
SEAL			
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 Stantec			

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$\$DGN\$\$\$\$
 \$\$\$USERNAME\$\$\$

[illegible][illegible][illegible][illegible]

TYPE 'A' OVERHEAD SIGNS

SIGN NUMBER: 15 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_1	13.5	43.3	36	36
ARDOWN	53	10	32	22

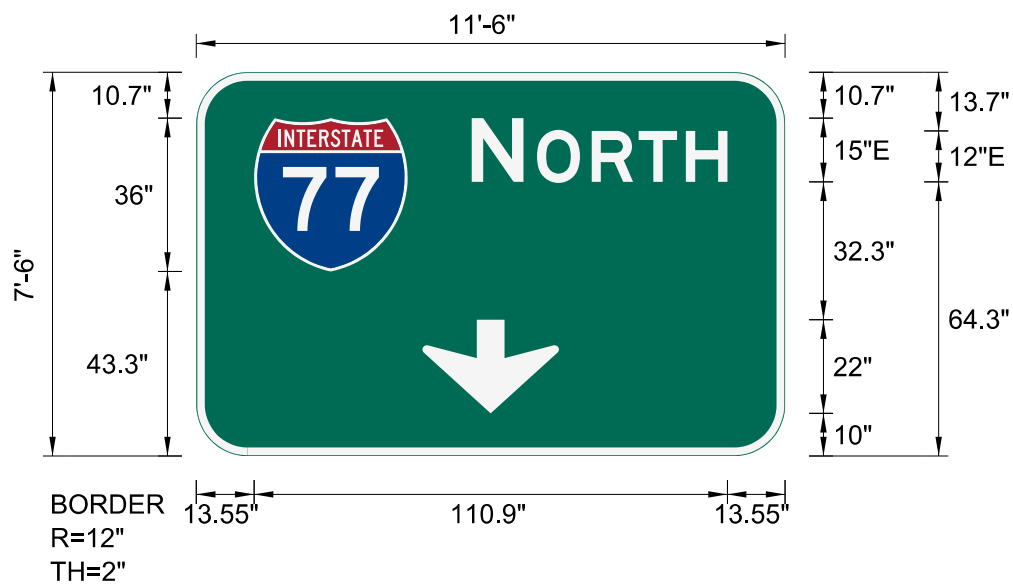
SIGN WIDTH: 138"
 HEIGHT: 90"
 TOTAL AREA: 86.3 Sq.Ft.

BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 130.0

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

SIGN NUMBER: 18 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_1	31.5	75.8	36	36
AR90R1	75.1	12	23.8	23.8

TOTAL AREA: 152.3 Sq.Ft.

BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 166.0

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

SIGN NUMBER: 17 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_1	13.6	43.3	36	36
ARDOWN	53	10	32	22

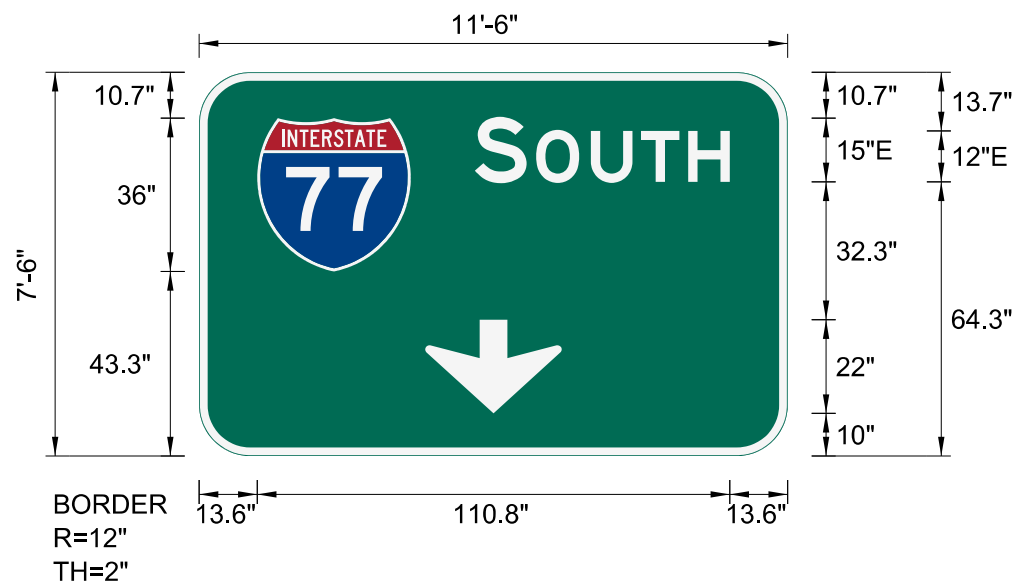
SIGN WIDTH: 138"
 HEIGHT: 90"
 TOTAL AREA: 86.3 Sq.Ft.

BORDER TYPE: FLUSH
 RADII: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 130.0

MAT'L: 0.125" (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW DATE: Aug 21, 2018
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

SIGN NUMBER: 19 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_1	46.6	72	36	36
ARDOWN	14	10	32	22
ARDOWN	158	10	32	22

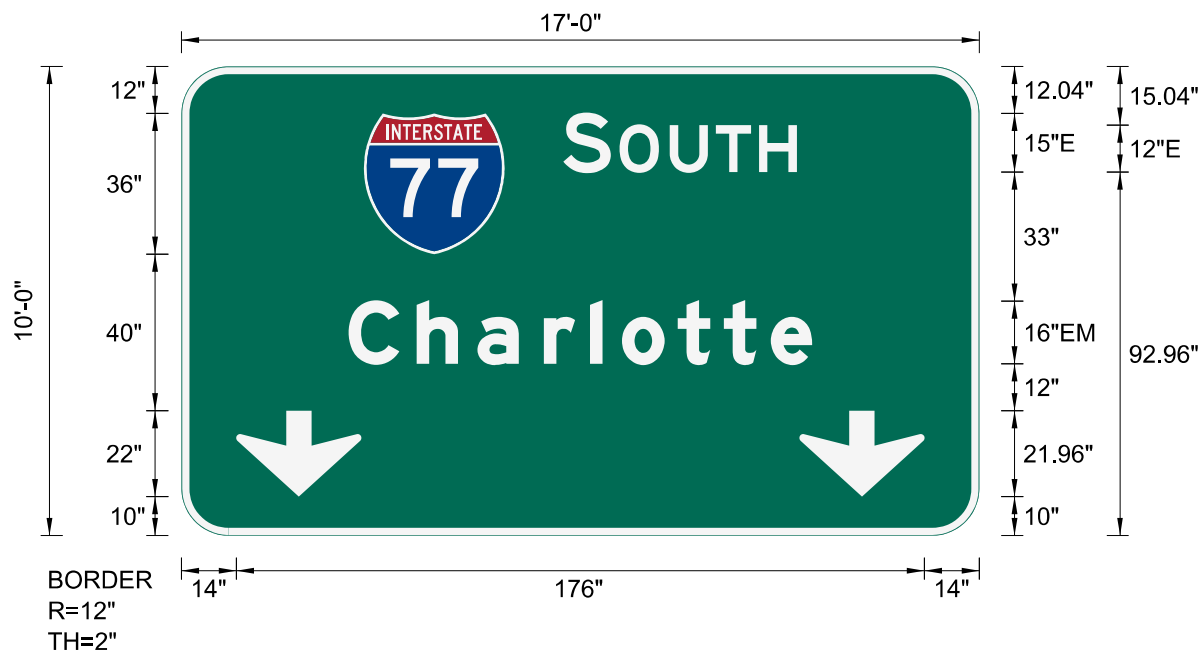
SIGN WIDTH: 204"
 HEIGHT: 120"
 TOTAL AREA: 170.0 Sq.Ft.

BORDER TYPE: FLUSH
 RADIO: 12"
 WIDTH: 2"
 RECESS: 0"

NO. Z BARS: 3
 LENGTH: 196.0

MAT'L: 0.125" (3.2MM) ALUMINUM

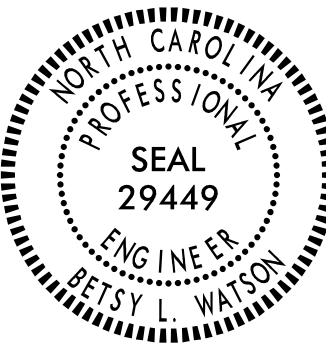
DESIGN BY: RRH CHECKED BY: BLW DATE: Sep 25, 2019
PROJECT ID: R-2307B & I-5717 DIV: 12



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

TIP NO.		SHEET NO.	
R-2307B & I-5717		SIGN-4C	
Desigined by: <i>Betsy L. Watson</i> 35676B34F8743F			
APPROVED:			
DATE: 8/14/2024			
SEAL			
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 			

\$\$\$SYTIME\$\$\$
\$\$\$DGN\$\$\$
\$\$\$USERNAME\$\$\$

[illegible][illegible][illegible][illegible]

TYPE 'A' OVERHEAD SIGNS

SIGN NUMBER: 35

TYPE: A

QUANTITY: 1

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	31.1	77.7	36	36
M1_1	106.9	77.7	36	36
AR_Type A	72.7	6.6	20	31.5

MAT'L: 0.125" (3.2MM) ALUMINUM

- USE NOTES
- Legend and border (except those that are colored black) shall be direct applied Grade A 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.
 - Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10" THICKNESS:2" RECESS:2"

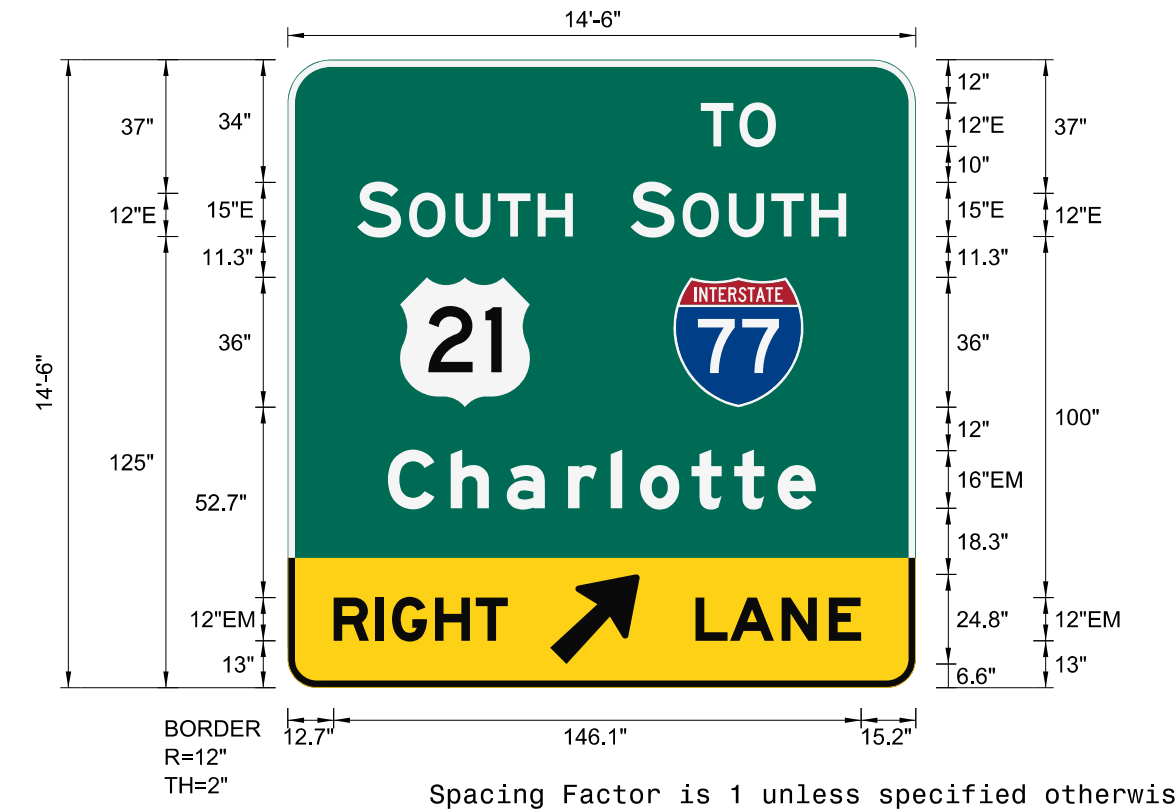
DESIGN BY: RRH

CHECKED BY: BLW

PROJECT ID: R-2307B & I-5717

DIV: 12

DATE: Aug 21, 2018



Letter spacings are to start of next letter																		Series/Size Text Length
T	O																	E 2000
114.5	10.7	10.1	38.7															20.8
S	O	U	T	H														E 2000
19.2	12.2	2.2	12.8	11.8	11	9.7	95											59.8
S	O	U	T	H														E 2000
95	12.2	2.2	12.8	11.8	11	9.7	19.2											59.8
C	h	a	r	l	o	t	t	e										EM 2000
27.7	17.4	15.5	17	11.8	8.2	14.2	11.8	12	10.6	27.7								118.6
R	I	G	H	T														EM 2000
12.7	11.6	4.6	11.9	11.3	8.9	113												48.3
L	A	N	E															EM 2000
113	9.6	14.3	13.1	8.9	15.2													45.8

TIP NO.

R-2307B & I-5717

SHEET NO.

SIGN-4F

APPROVED:

Betsy L. Watson

35E67B83AF8743F...

DATE:

8/14/2024

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

29449

ENGINEER

BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Stantec

SIGN NUMBER: 101
TYPE: A
QUANTITY: 1

BACKG COLOR: Brown/Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	12.7	63.3	6	9
AR_Type D	84.5	33.8	6	9
AR_Type D	86.6	9.5	6	9

MAT'L: 0.125" (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: R-2307B & I-5717

CHECKED BY: BLW
DIV: 12

DATE: Aug 17, 2018

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 102
TYPE: A
QUANTITY: 1

BACKG COLOR: Green/Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	8.5	68.5	6	9
AR_Type D	6.4	44.3	6	9
AR_Type D	80.3	14.8	6	9

MAT'L: 0.125" (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: R-2307B & I-5717

CHECKED BY: BLW
DIV: 12

DATE: Aug 17, 2018

Spacing Factor is 1 unless specified otherwise

Letter positions																	Series/Size Text Length		
Letter spacings are to start of next letter																			
	N	C		A	u	t	o		R	a	c	i	n	g				D 2000	
27.8	5.4	4.1	6	5.8	4.2	2.8	3.7	6	4.7	4.3	4.3	2.2	4.4	3.6	12.8			61.5	
	H	a	l	l		o	f		F	a	m	e						D 2000	
33.3	5.1	4.6	2.2	1	6	4.3	2.2	6	4.2	4.6	6.8	3.5	18.3					50.3	
	a	n	d		M	u	s	e	u	m								D 2000	
34.9	4.6	4.4	3.6	6	5.9	4.4	3.4	4.3	4.7	5.9	19.9							47.3	
	N	A	S	C	A	R		T	e	c	h	n	i	c	a	l		D 2000	
8.5	5	5.6	5	4.9	6	4.1	6	4.3	4.1	4.3	4.7	1.9	4	4.6	1	23.5		70	
	I	n	s	t	i	t	u	t	e									D 2000	
29.5	2.3	4.3	3.1	3.1	1.6	3	4.2	2.8	3.5	44.6								27.9	
	M	i	t	c	h	e	l	l		C	o	m	m		C	o	l	D 2000	
6.4	6	1.6	2.8	4.3	4.4	4.4	2.2	1	6	5	4.6	7.1	5.9	6	5	4.6	2.2	1	21.4
	M	o	o	r	e	s	v	i	l	l	e		C	a	m	p	u	s	D 2000
6.6	5.8	4.4	4.6	2.8	4	3.1	5	2.2	2.2	1.9	3.5	6	5	4.6	7.1	4.5	4.4	2.8	21.6

SIGN NUMBER: 103
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	20	117.8	24	24
M1_1	20.1	41.8	24	24

MAT'L: 0.125" (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: R-2307B & I-5717

CHECKED BY: BLW
DIV: 12

DATE: Aug 17, 2018

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter																	Series/Size Text Length
	N		O	R	T	H											E 2000
54	8.1	2.1	8.6	7.4	7.4	6.5	20										40
	S	t	a	t	e	s	v	i	l	l	e						EM 2000
11	10.9	8	10.2	8	9.2	9.2	11.3	6.4	6.4	5.4	7	11					92.1
	K	E	E	P		R	I	G	H	T							E 2000
21.4	7.9	7.6	7.6	6.5	8	8.1	3.3	8.3	7.8	6	21.4						71.1
	S		O	U	T	H											E 2000
54.1	8.1	1.5	8.6	7.8	7.4	6.5	20.1										39.8
	C	h	a	r	l	o	t	t	e								EM 2000
17.4	11.7	10.4	11.3	7.9	5.5	9.5	7.9	8	7.1	17.4							79.3
	K	E	E	P		L	E	F	T								E 2000
24.4	7.9	7.6	7.6	6.5	8	7.4	7.6	6.6	6	24.4							65.2

SIGN NUMBER: 201
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	24	48.4	36	36
AR_Type A	32.4	9.5	22.3	35

MAT'L: 0.125" (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: R-2307B & I-5717

CHECKED BY: BLW
DIV: 12

DATE: Aug 17, 2018

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter																	Series/Size Text Length
	S		O	U	T	H											E 2000
12.1	12.2	2.2	12.8	11.8	11	9.7	12.1										59.8

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-4G

APPROVED: *Betsy L. Watson*

DATE: 8/14/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Spacing Factor is 1 unless specified otherwise

[illegible]

Spacing Factor is 1 unless specified otherwise

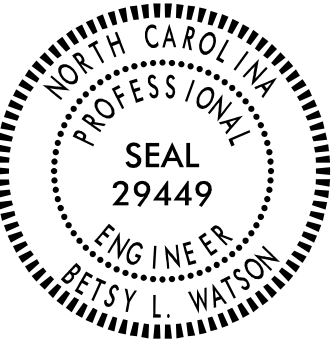
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Spacing Factor is 1 unless specified otherwise

Spacing Factor is 1 unless specified otherwise

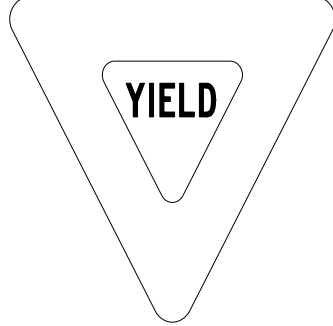
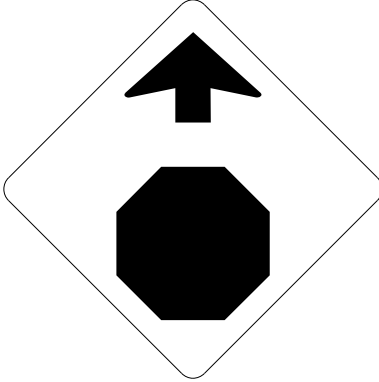
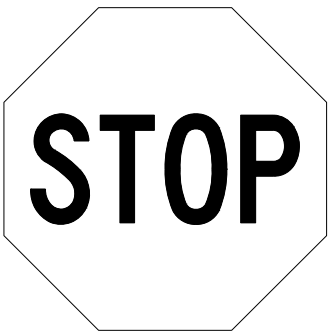
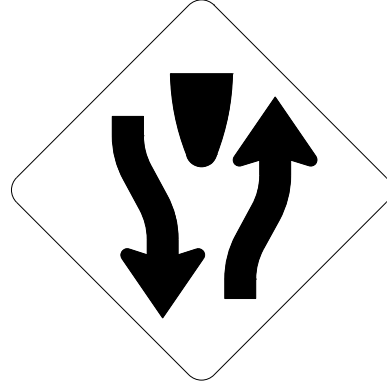
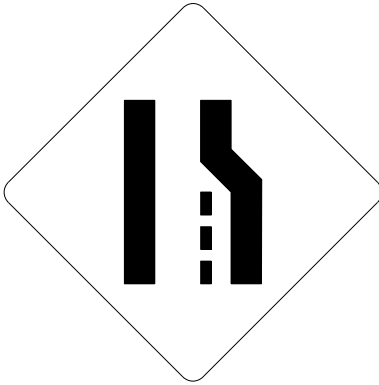
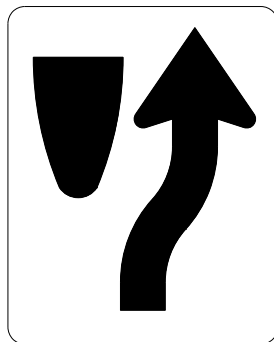
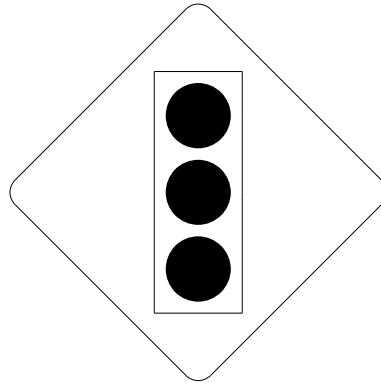
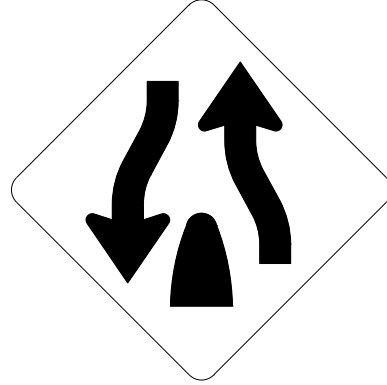
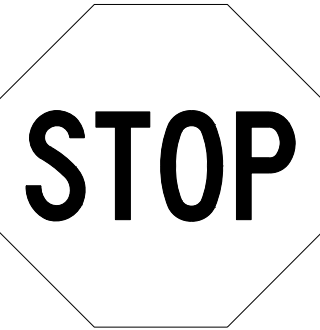
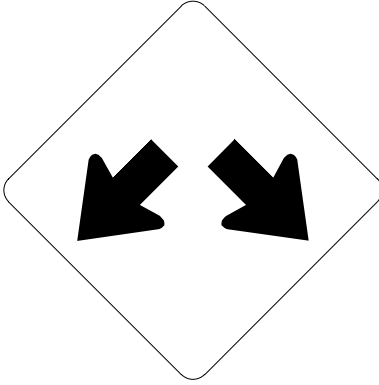
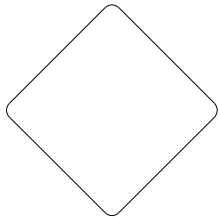
TYPE 'D' SIGNS

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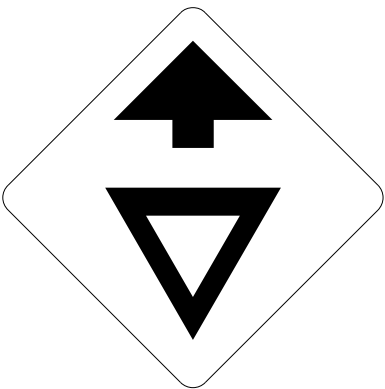
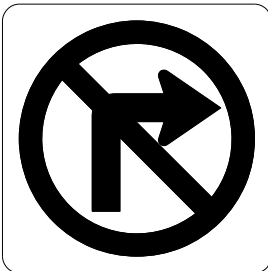
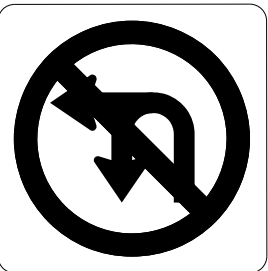
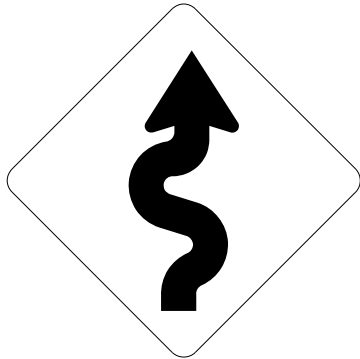
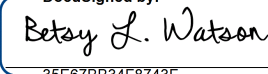
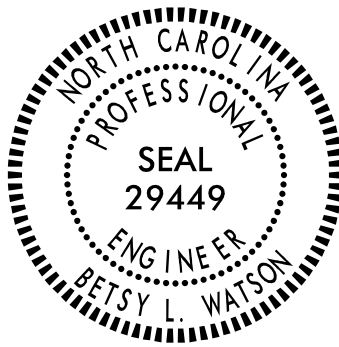
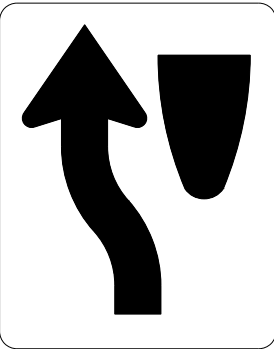
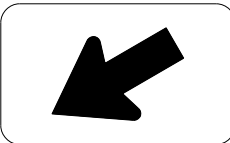
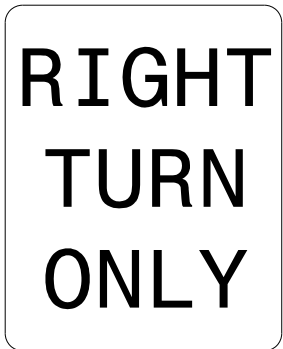
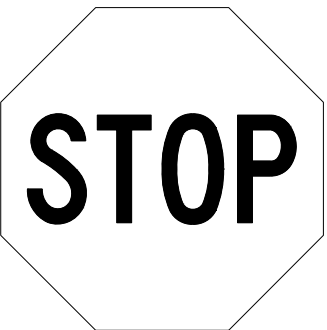
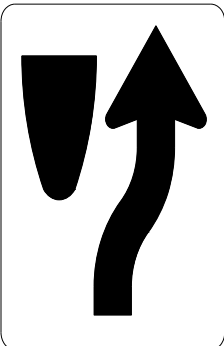
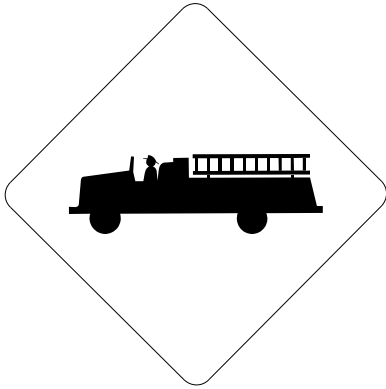
TIP NO.		SHEET NO.
R-2307B & I-5717		SIGN-4I
Discussed by: <i>Betsy L. Watson</i> S0000700334F0743F		
APPROVED:		
DATE: 8/14/2024		
SEAL 		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
 		

TYPE 'D' SIGNS

\$\$\$SYTIME\$\$\$
\$\$\$D\$\$\$
\$\$\$USERNAME\$\$\$

401		QUANTITY REQ'D	3	406		QUANTITY REQ'D	14	411		QUANTITY REQ'D	39	416		QUANTITY REQ'D	3	421		QUANTITY REQ'D	6	426		QUANTITY REQ'D	1	TIP NO. R-2307B & I-5717		SHEET NO. SIGN-5	
		30 X 36 R2-1				36 X 36 R3-4				48 X 18 R6-1R				36 X 36 X 36 R1-2				24 X 18 R3-17				36 X 36 W3-5				DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
402		QUANTITY REQ'D	32	407		QUANTITY REQ'D	50	412		QUANTITY REQ'D	26	417		QUANTITY REQ'D	49	422		QUANTITY REQ'D	2	427		QUANTITY REQ'D	6				
		30 X 36 R2-1				36 X 36 R5-1				48 X 18 R6-1L				36 X 12 R6-1R				24 X 9 R3-17bP				30 X 30 W14-2					
403		QUANTITY REQ'D	1	408		QUANTITY REQ'D	4	413		QUANTITY REQ'D	56	418		QUANTITY REQ'D	49	423		QUANTITY REQ'D	1	428		QUANTITY REQ'D	5	430		QUANTITY REQ'D	1
		24 X 30 R2-1				36 X 36 W3-1				42 X 30 R5-1a				36 X 36 R1-1				36 X 36 W6-1				36 X 36 R3-7L				24 X 30 R2-1	
404		QUANTITY REQ'D	5	409		QUANTITY REQ'D	5	414		QUANTITY REQ'D	31	419		QUANTITY REQ'D	16	424		QUANTITY REQ'D	1	429		QUANTITY REQ'D	10	431		QUANTITY REQ'D	1
		36 X 36 W9-1R				36 X 36 W4-2R				24 X 30 R4-7				36 X 36 W3-3				36 X 36 W6-2				36 X 36 R3-7R				30 X 30 R20-6	
405		QUANTITY REQ'D	11	410		QUANTITY REQ'D	38	415		QUANTITY REQ'D	37	420		QUANTITY REQ'D	2	425		QUANTITY REQ'D	2								
		36 X 36 R1-1				30 X 30 W12-1				18 X 18 OM1-3				24 X 36 R10-6a				24 X 24 R5-2									
ONE "U" POST PER SIGN				ONE "U" POST PER SIGN				MOUNT BELOW SIGN 414 IN 31 INSTALLATIONS MOUNT BELOW SIGN 458 IN 4 INSTALLATIONS MOUNT BELOW SIGN 460 IN 2 INSTALLATIONS				ONE "U" POST PER SIGN				ONE "U" POST PER SIGN											
TYPE 'E' SIGNS																											

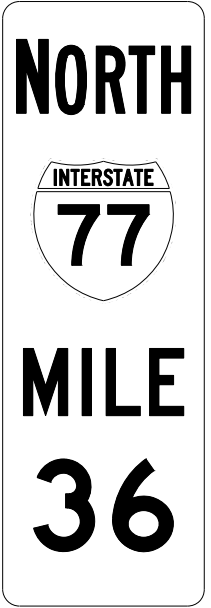
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432 QUANTITY REQ'D 2  36 X 36 W14-2 ONE "U" POST PER SIGN	437 QUANTITY REQ'D 1  36 X 36 W3-2 ONE "U" POST PER SIGN	442 QUANTITY REQ'D 2  36 X 36 R3-1 ONE "U" POST PER SIGN	447 QUANTITY REQ'D 2  36 X 36 R3-18 MOUNT BEHIND SIGN 407 IN 2 INSTALLATIONS ONE "U" POST PER SIGN	452 QUANTITY REQ'D 14  30 X 30 W11-15 FLUORESCENT YELLOW/GREEN ONE "U" POST PER SIGN	457 QUANTITY REQ'D 2  18 X 18 W1-5R ONE "U" POST PER SIGN	TIP NO. R-2307B & I-5717 SHEET NO. SIGN-5A APPROVED:  DESIGNED BY: _____ SEAL 29449 DATE: 8/14/2024 SEAL  DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED 
433 QUANTITY REQ'D 1  30 X 30 W14-1 ONE "U" POST PER SIGN	438 QUANTITY REQ'D 1  36 X 36 S1-1 FLUORESCENT YELLOW/GREEN ONE "U" POST PER SIGN	443 QUANTITY REQ'D 10  36 X 36 W11-2 FLUORESCENT YELLOW/GREEN ONE "U" POST PER SIGN	448 QUANTITY REQ'D 2  24 X 12 R3-9cP MOUNT ABOVE SIGN 421 IN 2 INSTALLATIONS	453 QUANTITY REQ'D 12  36 X 30 R4-4 ONE "U" POST PER SIGN	458 QUANTITY REQ'D 4  24 X 30 R4-8 ONE "U" POST PER SIGN	
434 QUANTITY REQ'D 2  30 X 36 R2-1 ONE "U" POST PER SIGN	439 QUANTITY REQ'D 1  24 X 12 W16-9P FLUORESCENT YELLOW/GREEN MOUNT BELOW SIGN 438 IN 1 INSTALLATION	444 QUANTITY REQ'D 19  21 X 15 W16-7PL FLUORESCENT YELLOW/GREEN MOUNT BELOW SIGN 443 IN 5 INSTALLATIONS MOUNT BELOW SIGN 452 IN 14 INSTALLATIONS	449 QUANTITY REQ'D 1  30 X 24 W16-2P MOUNT BELOW SIGN 404 IN 1 INSTALLATION	454 QUANTITY REQ'D 1  24 X 30 R4-21 ONE "U" POST PER SIGN	459 QUANTITY REQ'D 104  3 X 48 GRADE C COLOR: RED MOUNT ON U-CHANNEL POST BELOW SIGN 407 IN 48 INSTALLATIONS MOUNT ON U-CHANNEL POST BELOW SIGN 413 IN 56 INSTALLATIONS	
435 QUANTITY REQ'D 2  24 X 30 R2-1 ONE "U" POST PER SIGN	440 QUANTITY REQ'D 1  18 X 24 W13-1P FLUORESCENT YELLOW/GREEN MOUNT BELOW SIGN 439 IN 1 INSTALLATION	445 QUANTITY REQ'D 5  21 X 15 W16-7PR FLUORESCENT YELLOW/GREEN MOUNT BELOW SIGN 443 IN 5 INSTALLATIONS	450 QUANTITY REQ'D 1  18 X 18 R1-1 ONE "U" POST PER SIGN	455 QUANTITY REQ'D 1  30 X 24 R3-19 ONE "U" POST PER SIGN	460 QUANTITY REQ'D 2  18 X 30 R4-7c ONE "U" POST PER SIGN	
436 QUANTITY REQ'D 1  36 X 36 W1-5R ONE "U" POST PER SIGN	441 QUANTITY REQ'D 4  36 X 36 R3-3 MOUNT BEHIND SIGN 407 IN 2 INSTALLATIONS MOUNT BEHIND SIGN 458 IN 2 INSTALLATIONS	446 QUANTITY REQ'D 1  30 X 30 W11-8 ONE "U" POST PER SIGN	451 QUANTITY REQ'D 2  24 X 9 R3-17aP MOUNT BELOW SIGN 421 IN 2 INSTALLATIONS	456 QUANTITY REQ'D 8  18 X 18 W7-5 ONE "U" POST PER SIGN	TYPE 'E' SIGNS	

\$\$\$SYTIME\$\$\$
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\$\$\$USERNAME\$\$\$

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535536539540549556											
558562											
WEST 150 1 - 24 X 12 1 - 24 X 24 ONE "U" POST PER SIGN		EAST 150 1 - 24 X 12 1 - 24 X 24 1 - EXISTING SIGN 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL TWO "U" POSTS PER SIGN		EAST WEST 150 150 2 - 24 X 12 2 - 24 X 24 1 - 24 X 18 1 - 21 X 15 TWO "U" POSTS PER SIGN		WEST EAST 150 150 2 - 24 X 12 2 - 24 X 24 2 - 21 X 15 TWO "U" POSTS PER SIGN		JCT INTERSTATE 77 1 - 21 X 15 1 - 24 X 24 ONE "U" POST PER SIGN			
502506509512513518		510517529547553		526		543		560			
519528532533550554											
563											
EAST 150 1 - 24 X 12 1 - 24 X 24 ONE "U" POST PER SIGN		WEST 150 1 - 24 X 12 1 - 24 X 24 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL ONE "U" POST PER SIGN		EAST 150 1 - 24 X 12 1 - 24 X 24 1 - 24 X 18 ONE "U" POST PER SIGN		WEST EAST 150 150 2 - 24 X 12 2 - 24 X 24 2 - 21 X 15 TWO "U" POSTS PER SIGN		WEST SOUTH 150 21 2 - 24 X 12 2 - 24 X 24 1 - 21 X 21 1 - 24 X 18 TWO "U" POSTS PER SIGN			
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EAST 150 1 - 24 X 12 1 - 24 X 24 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL ONE "U" POST PER SIGN		1 - 24 X 24 I-5 1 - 21 X 15 WHITE ON GREEN MOUNT BELOW SIGN 307 IN 1 INSTALLATION ONE "U" POST PER SIGN		TO 150 1 - 24 X 12 1 - 24 X 24 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL ONE "U" POST PER SIGN		EAST WEST 150 150 2 - 24 X 12 2 - 24 X 24 1 - 24 X 18 1 - 21 X 15 TWO "U" POSTS PER SIGN		SOUTH 21 1 - 24 X 12 1 - 24 X 24 D9-2 1 - 21 X 15 1 - 21 X 15 WHITE ON BLUE TWO "U" POSTS PER SIGN			
505		523537559		511534538555561		546		565			
WEST 150 1 - 24 X 12 1 - 24 X 24 1 - EXISTING SIGN 2 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL TWO "U" POSTS PER SIGN		WEST EAST 150 150 2 - 24 X 12 2 - 24 X 24 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL 1 - 21 X 15 TWO "U" POSTS PER SIGN		EAST WEST 150 150 2 - 24 X 12 2 - 24 X 24 1 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL 1 - 21 X 15 TWO "U" POSTS PER SIGN		EAST WEST 150 150 2 - 24 X 12 2 - 24 X 24 2 - 21 X 15 TWO "U" POSTS PER SIGN		TO WEST EAST 150 150 1 - 24 X 12 2 - 24 X 12 2 - 24 X 24 2 - 24 X 18 TWO "U" POSTS PER SIGN			
507		524552		541544		548					
EAST 150 1 - 24 X 12 1 - 24 X 24 1 - EXISTING SIGN 2 - 21 X 21 BLACK ON WHITE SEE U-TURN DETAIL TWO "U" POSTS PER SIGN		1 - 24 X 24 I-5 1 - 21 X 15 WHITE ON GREEN ONE "U" POST PER SIGN		JCT 150 1 - 21 X 15 1 - 24 X 24 ONE "U" POST PER SIGN		H 1 - 24 X 24 D9-2 1 - 21 X 15 WHITE ON BLUE ONE "U" POST PER SIGN					
TYPE 'F' SIGNS											

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

SIGN NUMBER: U-TURN DETAIL

TYPE: F

QUANTITY: 24

SIGN WIDTH: 21"

HEIGHT: 21"

TOTAL AREA: 3.1 Sq.Ft.

BORDER TYPE: RECESSED

RADII: 1.5"

WIDTH: 0.63"

RECESS: 0.38"

NO. Z BARS:

LENGTH:

BACKG COLOR: White

COPY COLOR: Black

SYMBOL	X	Y	WID	HT
U-TURN ARROW	3.6	3.5	12.7	13.9

MAT'L: 0.063" (1.6MM) ALUMINUM

- USE NOTES
- 1. Legend and border shall be direct applied non-reflective sheeting.
 - 2. Background shall be Grade C reflective sheeting.

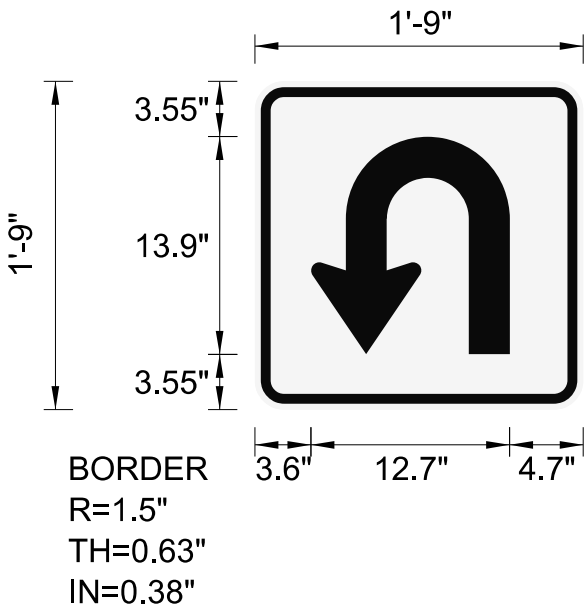
DESIGN BY: RRH

CHECKED BY: BLW

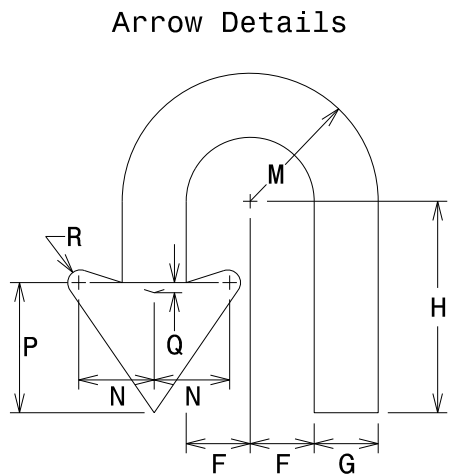
PROJECT ID: R-2307B & I-5717

DIV: 12

DATE: July 5, 2017



Spacing Factor is 1 unless specified otherwise



ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO. R-2307B & I-5717

SHEET NO. SIGN-5C

APPROVED:

DATE: 8/14/2024

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-6

APPROVED:

DESIGNED BY: Betsy L. Watson
35E67B83AF8743F

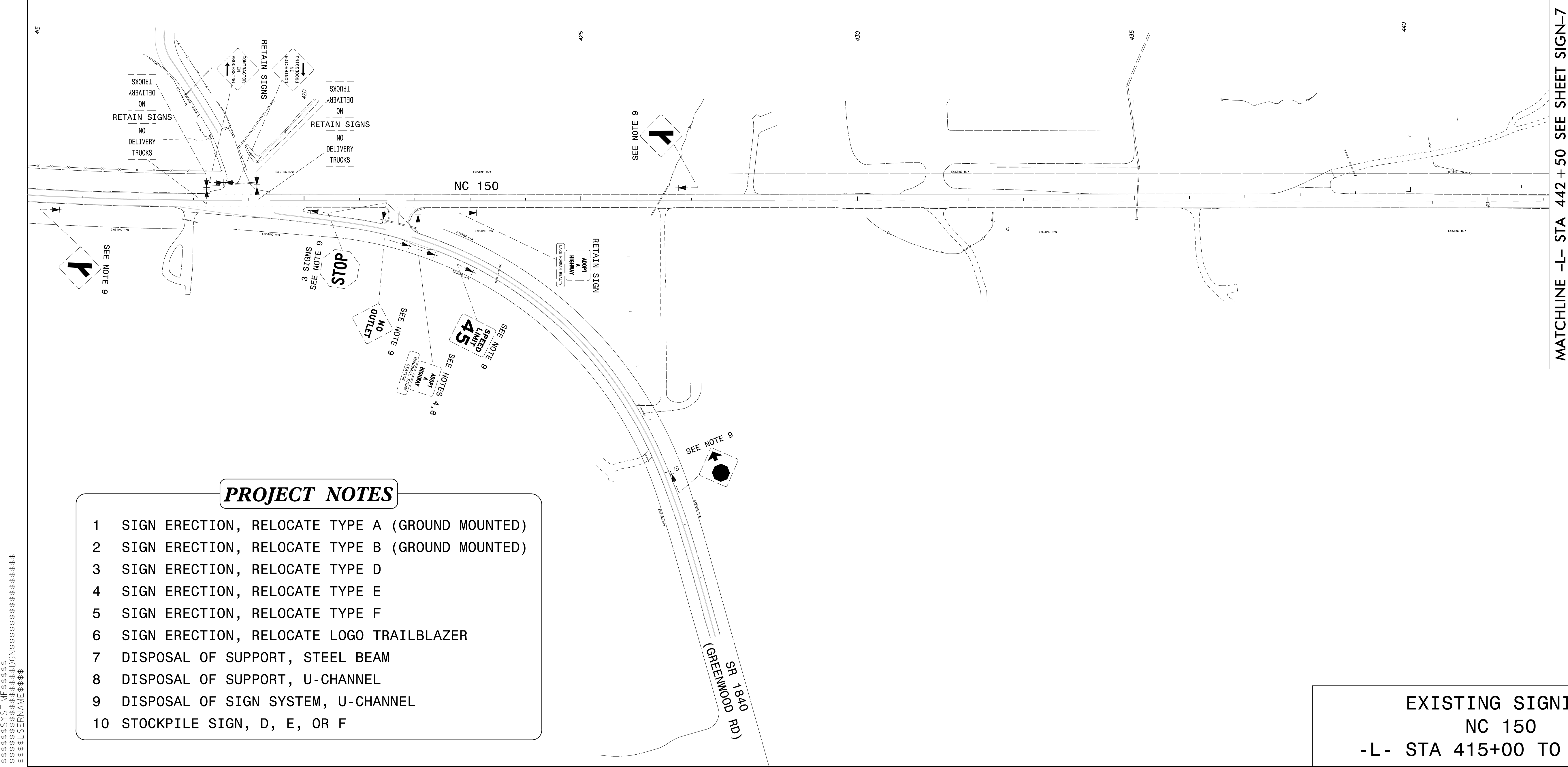
DATE: 8/14/2024

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING
NC 150
-L- STA 415+00 TO 442+50

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

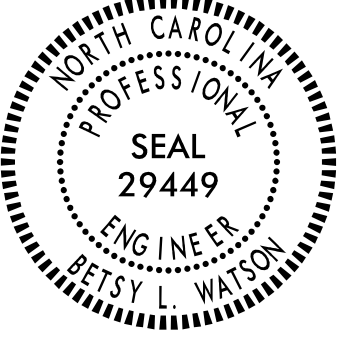
TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-7

APPROVED: *Betsy L. Watson*

DATE: 8/14/2024

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



MATCHLINE -L- STA 442 + 50 SEE SHEET SIGN-6

- PROJECT NOTES

1

SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)

2

SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)

3

SIGN ERECTION, RELOCATE TYPE D

4

SIGN ERECTION, RELOCATE TYPE E

5

SIGN ERECTION, RELOCATE TYPE F

6

SIGN ERECTION, RELOCATE LOGO TRAILBLAZER

7

DISPOSAL OF SUPPORT, STEEL BEAM

8

DISPOSAL OF SUPPORT, U-CHANNEL

9

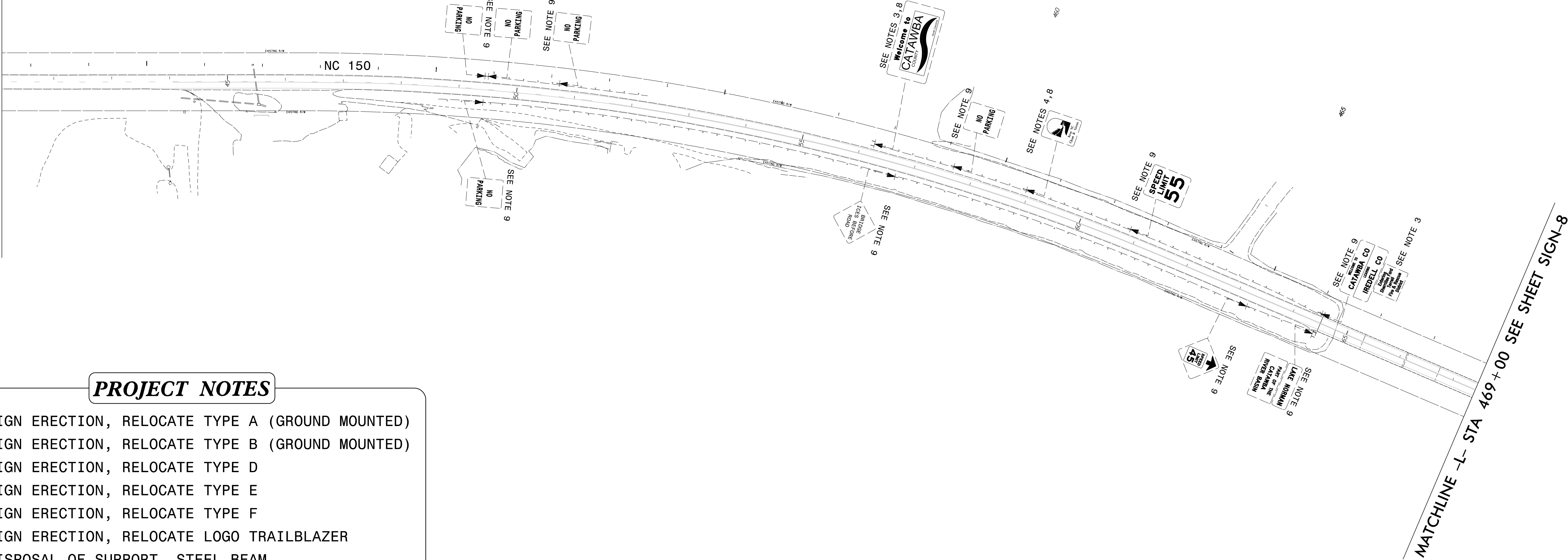
DISPOSAL OF SIGN SYSTEM, U-CHANNEL

10

STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING

-L- STA 442+50 TO 469+00



TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-8

APPROVED: *Betsy L. Watson*

DATE: 8/14/2024

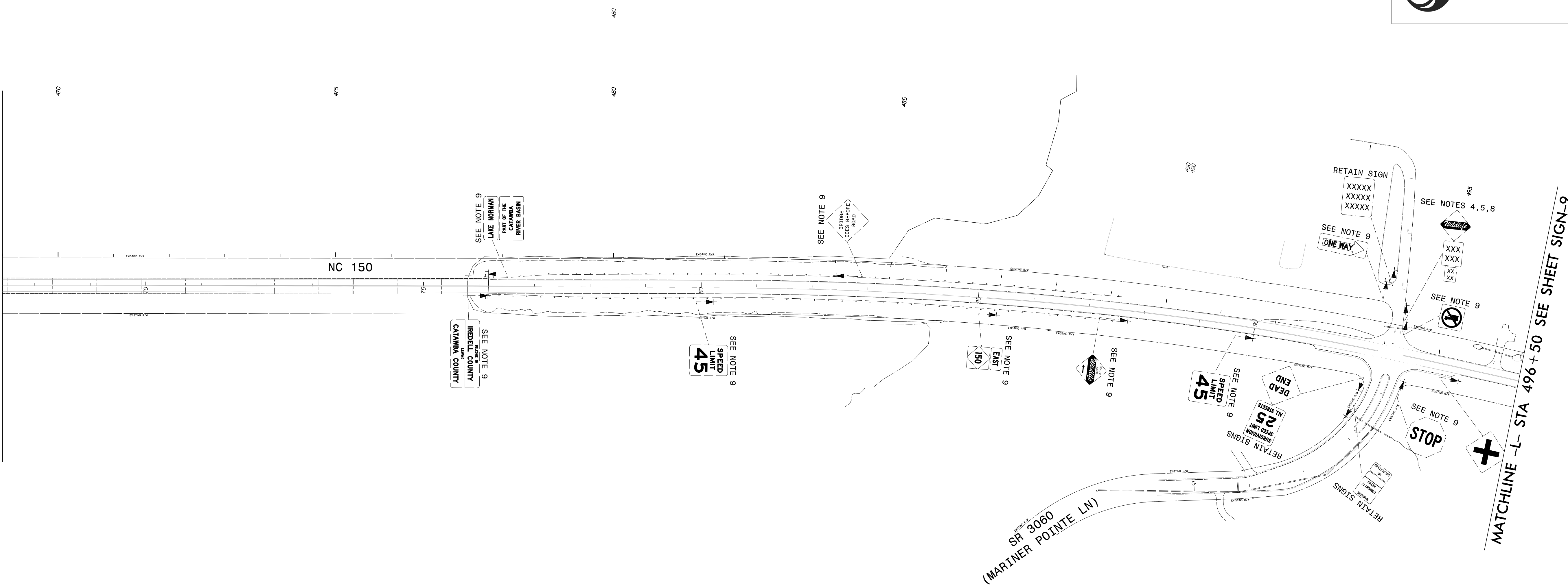
SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
29449
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

 **Stantec**

MATCHLINE -L- STA 469 + 00 SEE SHEET SIGN-7



MATCHLINE -L- STA 496 + 50 SEE SHEET SIGN-9

PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING
NC 150
-L- STA 469+00 TO 496+50

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-9

APPROVED: *Betsy L. Watson*

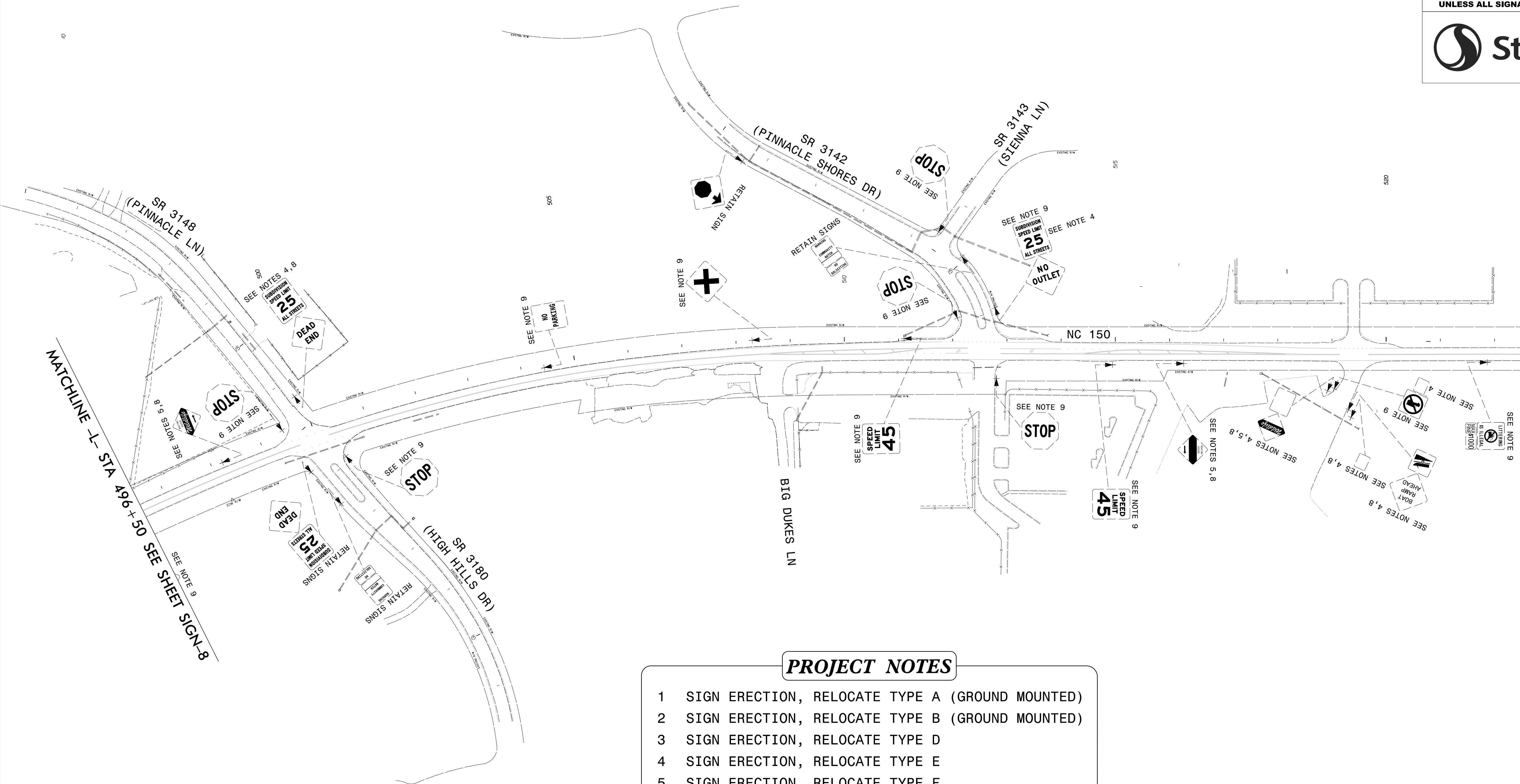
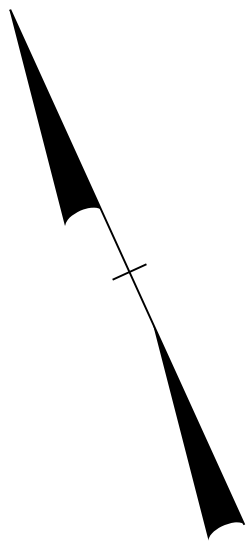
DATE: 8/14/2024

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED





PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING
NC 150
-L- STA 496+50 TO 522+50

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

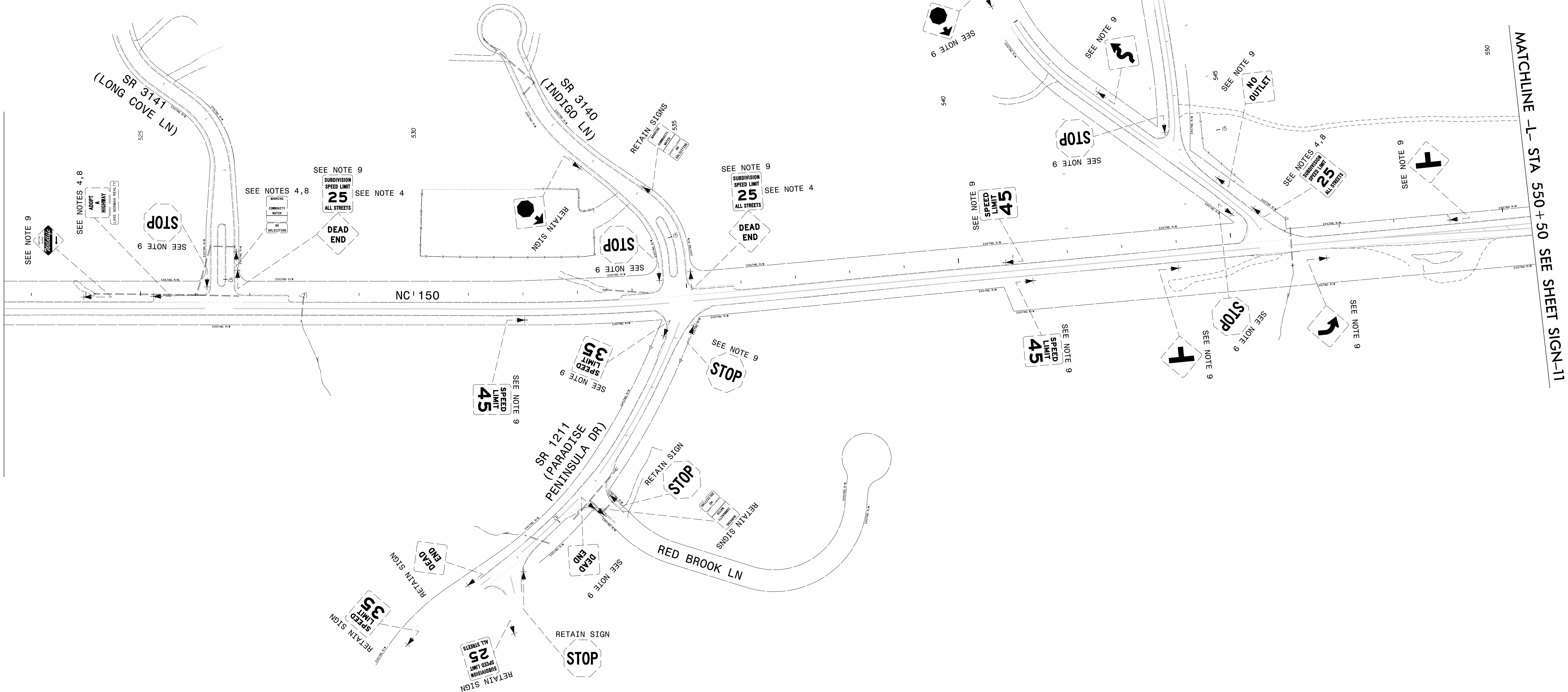
MATCHLINE -L- STA 522 + 50 SEE SHEET SIGN-10

MATCHLINE -L- STA 496 + 50 SEE SHEET SIGN-8

PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

MATCHLINE -L- STA 522 + 50 SEE SHEET SIGN-9



TIP NO. R-2307B & I-5717	SHEET NO. SIGN-10
APPROVED: <i>Betsy L. Watson</i> 35E67B83AF8743F	
DATE: 8/14/2024	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EXISTING SIGNING
NC 150
-L- STA 522+50 TO 550+50

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

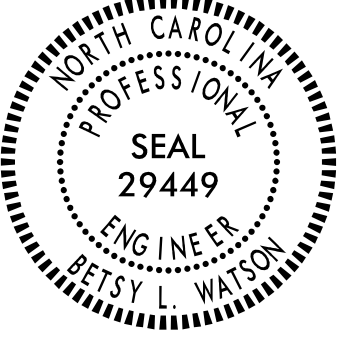
TIP NO.
R-2307B & I-5717

SHEET NO.
SIGN-11

APPROVED: *Betsy L. Watson*

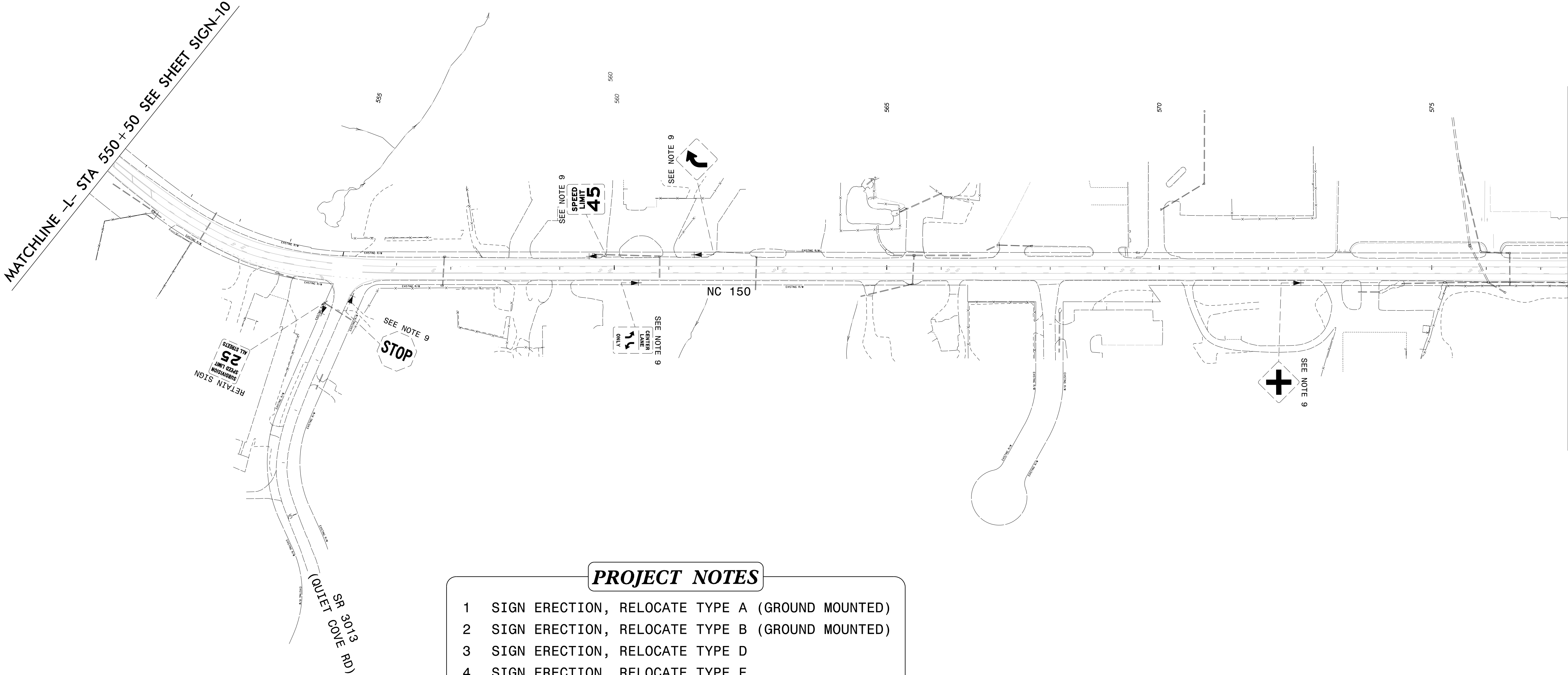
DATE: 8/14/2024

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



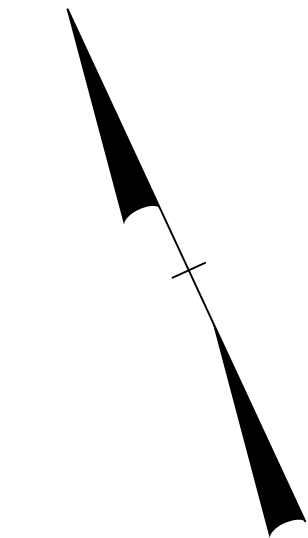


PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING
NC 150
-L- STA 550+50 TO 577+50

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$



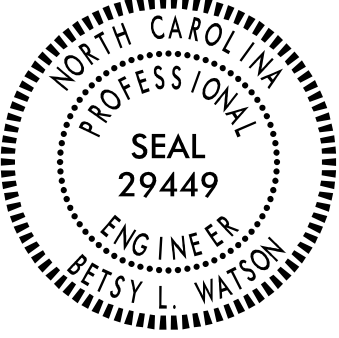
MATCHLINE -L- STA 606+00 SEE SHEET SIGN-13

- ```

1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
3 SIGN ERECTION, RELOCATE TYPE D
4 SIGN ERECTION, RELOCATE TYPE E
5 SIGN ERECTION, RELOCATE TYPE F
6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
7 DISPOSAL OF SUPPORT, STEEL BEAM
8 DISPOSAL OF SUPPORT, U-CHANNEL
9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
10 STOCKPILE SIGN, D, E, OR F

```

EXISTING SIGNING  
NC 150  
-L- STA 577+50 TO 606+00

|                                                                                     |                      |
|-------------------------------------------------------------------------------------|----------------------|
| TIP NO.<br>R-2307B & I-5717                                                         | SHEET NO.<br>SIGN-13 |
| APPROVED: <i>Betsy L. Watson</i><br><small>35E67B83AF8743F</small>                  |                      |
| DATE: 8/14/2024                                                                     |                      |
| SEAL                                                                                |                      |
|  |                      |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                    |                      |
|  |                      |

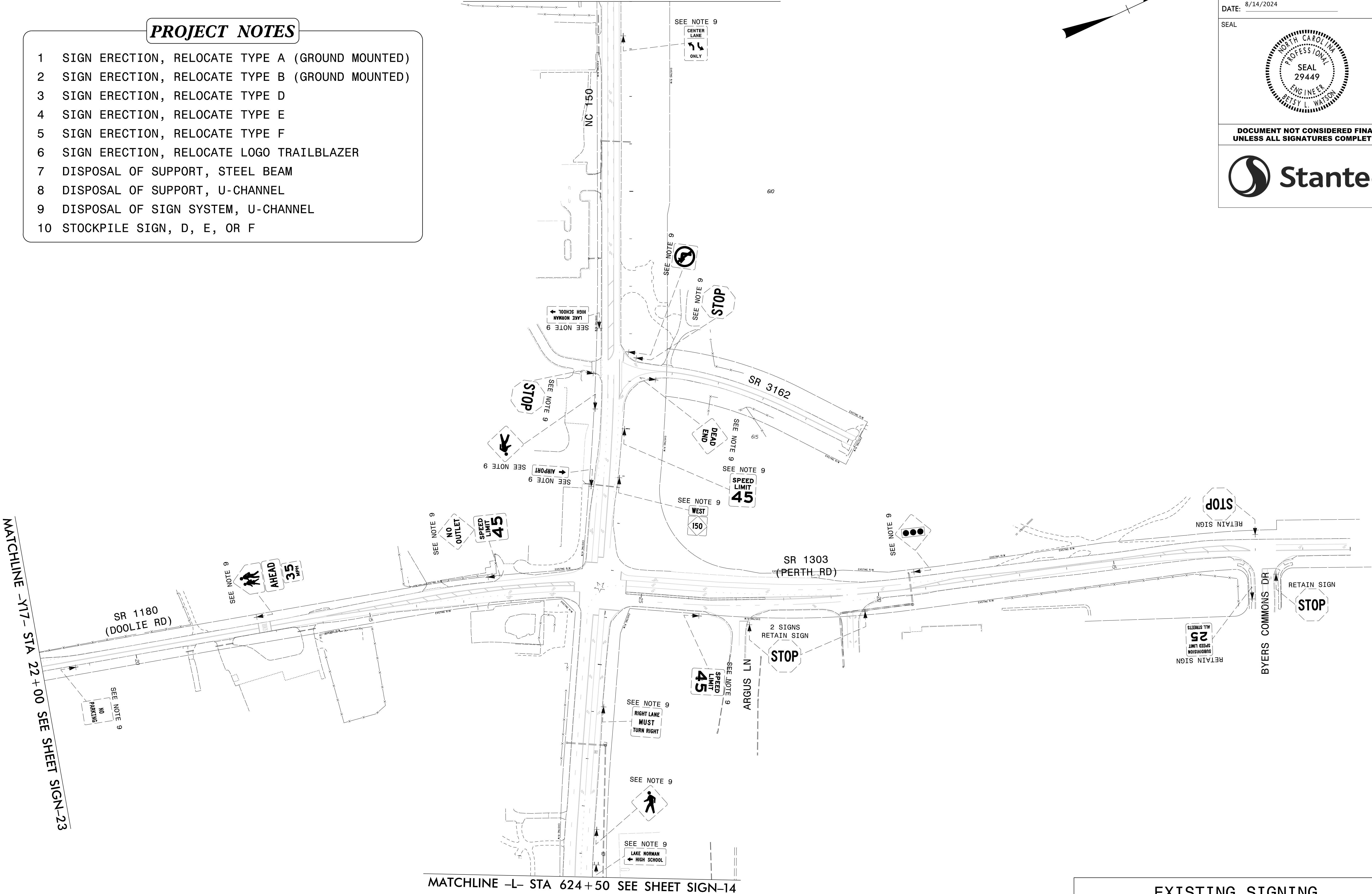
**PROJECT NOTES**

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

MATCHLINE -Y7- STA 22+00 SEE SHEET SIGN-23

MATCHLINE -L- STA 606+00 SEE SHEET SIGN-12

MATCHLINE -L- STA 624+50 SEE SHEET SIGN-14



EXISTING SIGNING  
NC 150  
-L- STA 606+00 TO 624+50

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DDGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.  
R-2307B & I-5717

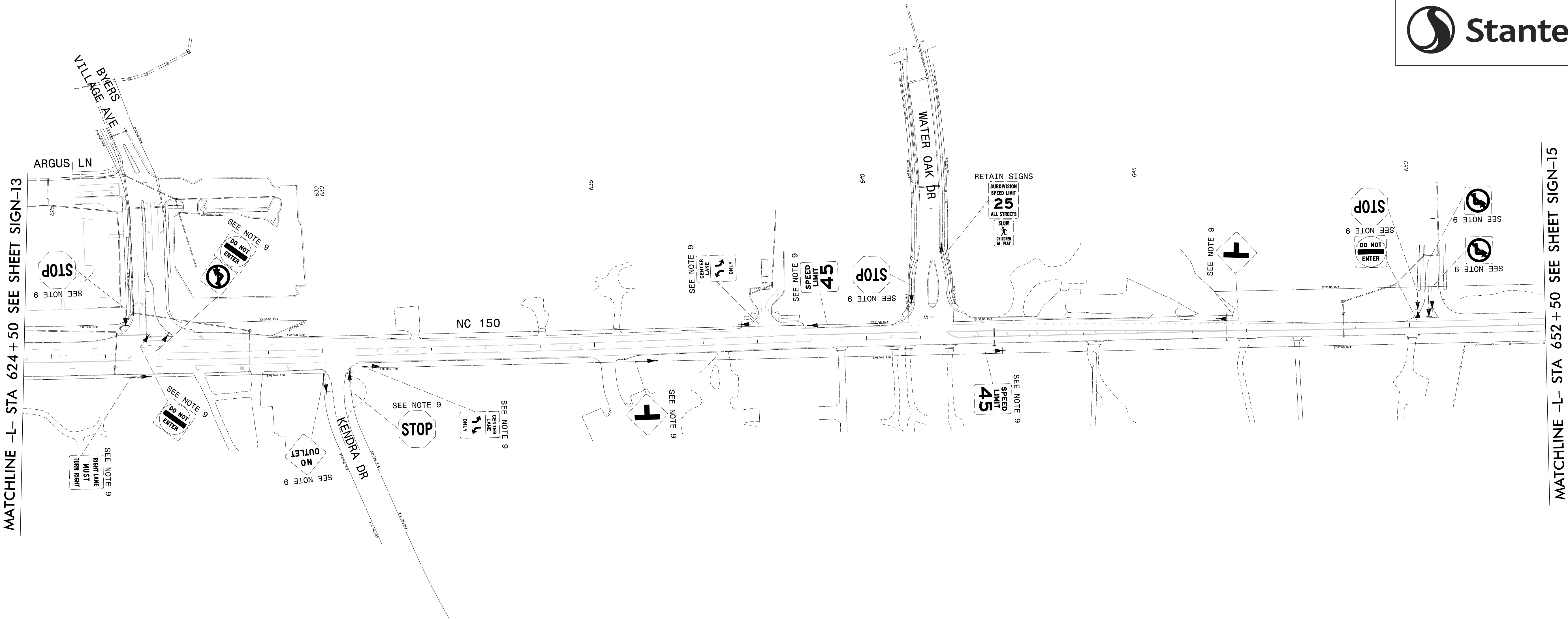
SHEET NO.  
SIGN-14

APPROVED: *Betsy L. Watson*

DATE: 8/14/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING  
NC 150  
-L- STA 624+50 TO 652+50

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| TIP NO.                                                          | SHEET NO. |
| R-2307B & I-5717                                                 | SIGN-15   |
| APPROVED: <i>Betsy L. Watson</i>                                 |           |
| DATE: 8/14/2024                                                  |           |
| SEAL                                                             |           |
|                                                                  |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED |           |
|                                                                  |           |

- PROJECT NOTES
- 1

SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2

SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3

SIGN ERECTION, RELOCATE TYPE D
- 4

SIGN ERECTION, RELOCATE TYPE E
- 5

SIGN ERECTION, RELOCATE TYPE F
- 6

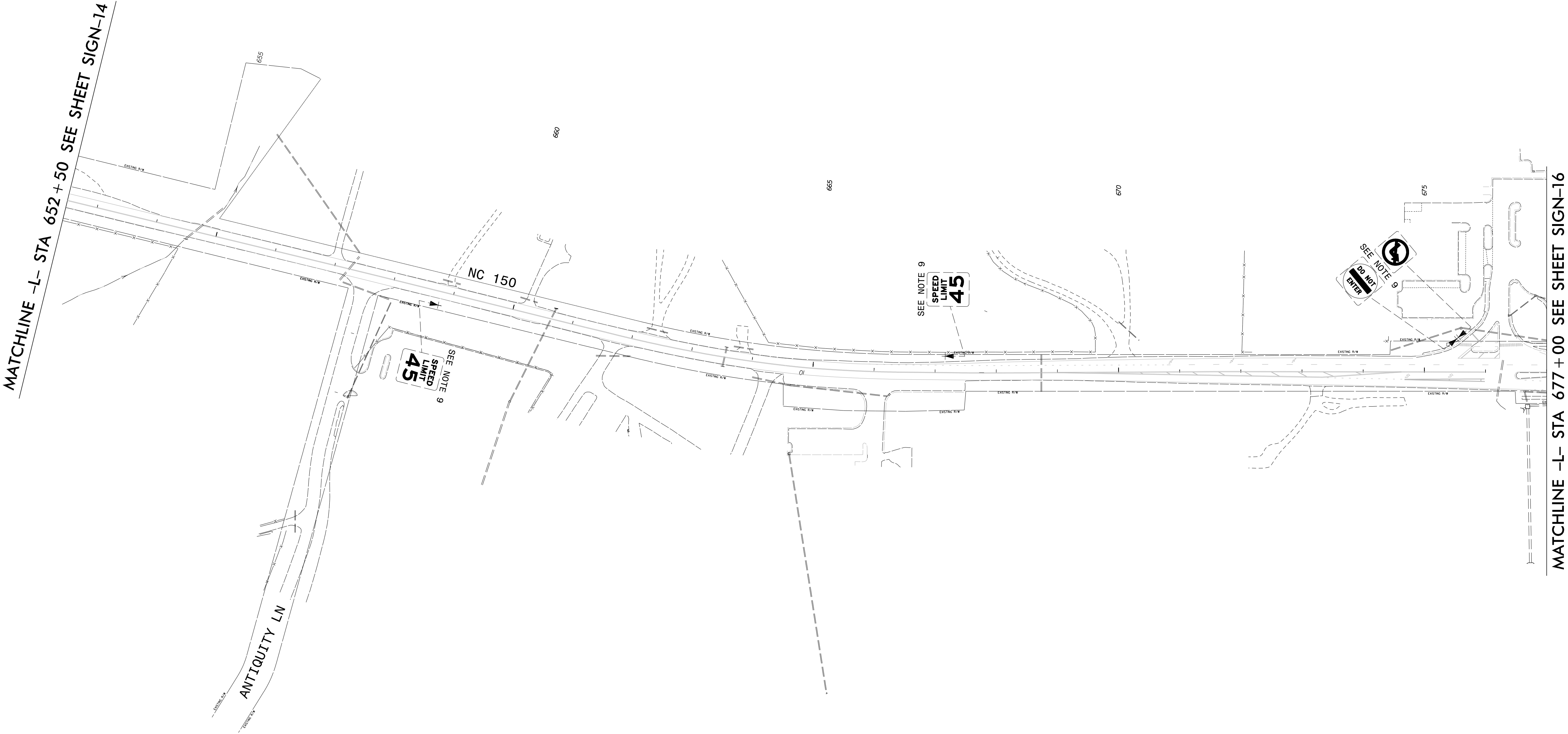
SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7

DISPOSAL OF SUPPORT, STEEL BEAM
- 8

DISPOSAL OF SUPPORT, U-CHANNEL
- 9

DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10

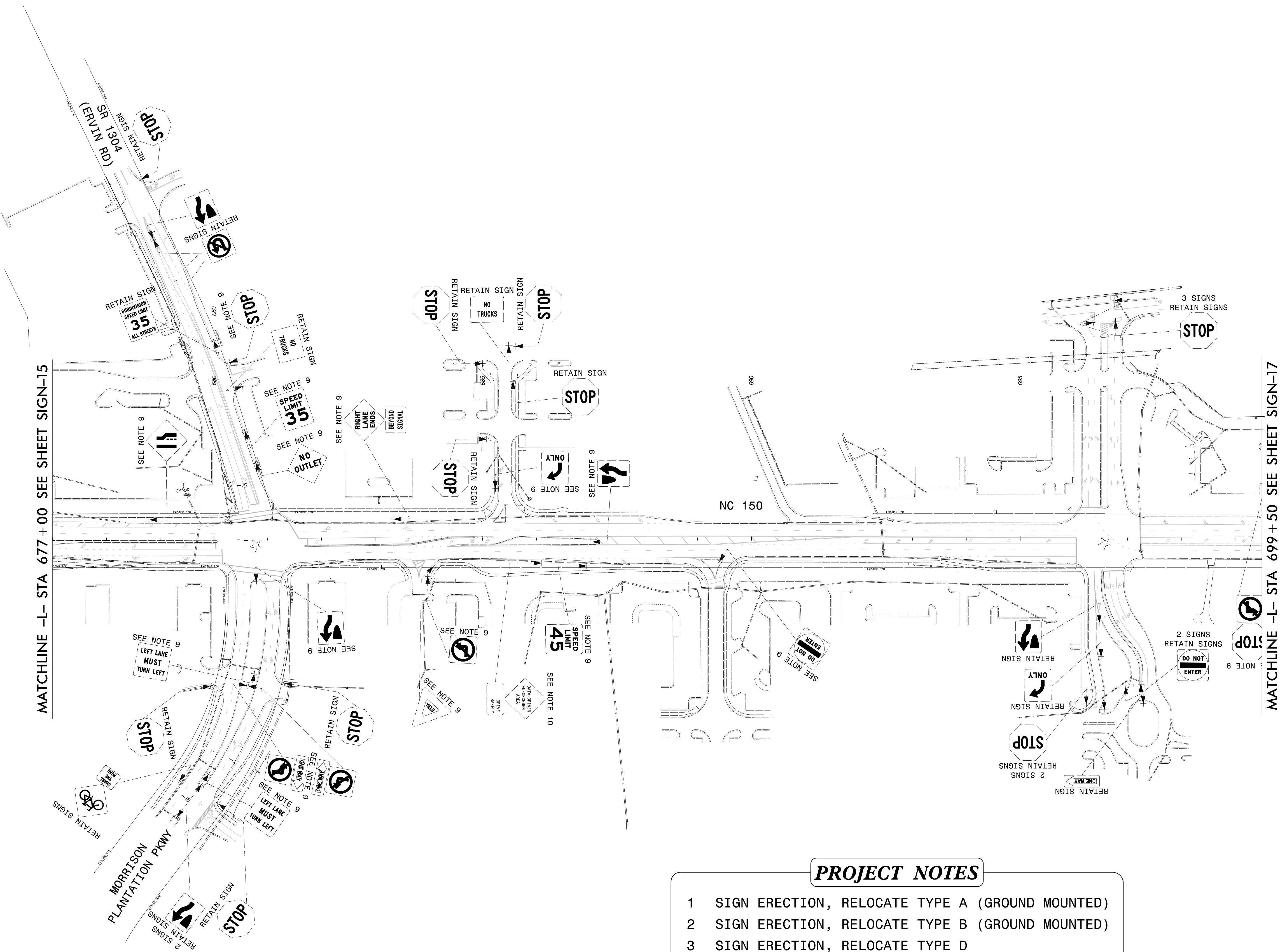
STOCKPILE SIGN, D, E, OR F



EXISTING SIGNING

NC 150

-L- STA 652+50 TO 677+00



|                                                                   |                      |
|-------------------------------------------------------------------|----------------------|
| TIP NO.<br>R-2307B & I-5717                                       | SHEET NO.<br>SIGN-16 |
| APPROVED: <i>Betsy L. Watson</i><br><small>35677B34F8743F</small> |                      |
| DATE: 8/14/2024                                                   |                      |
| SEAL                                                              |                      |
|                                                                   |                      |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED  |                      |
|                                                                   |                      |

**PROJECT NOTES**

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING  
NC 150  
-L- STA 677+00 TO 699+50

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-17

APPROVED: 

Betsy L. Watson

35E67B3AF8743F

DATE: 8/14/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
29449  
ENGINEER  
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec

- PROJECT NOTES
- 1

SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2

SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3

SIGN ERECTION, RELOCATE TYPE D
- 4

SIGN ERECTION, RELOCATE TYPE E
- 5

SIGN ERECTION, RELOCATE TYPE F
- 6

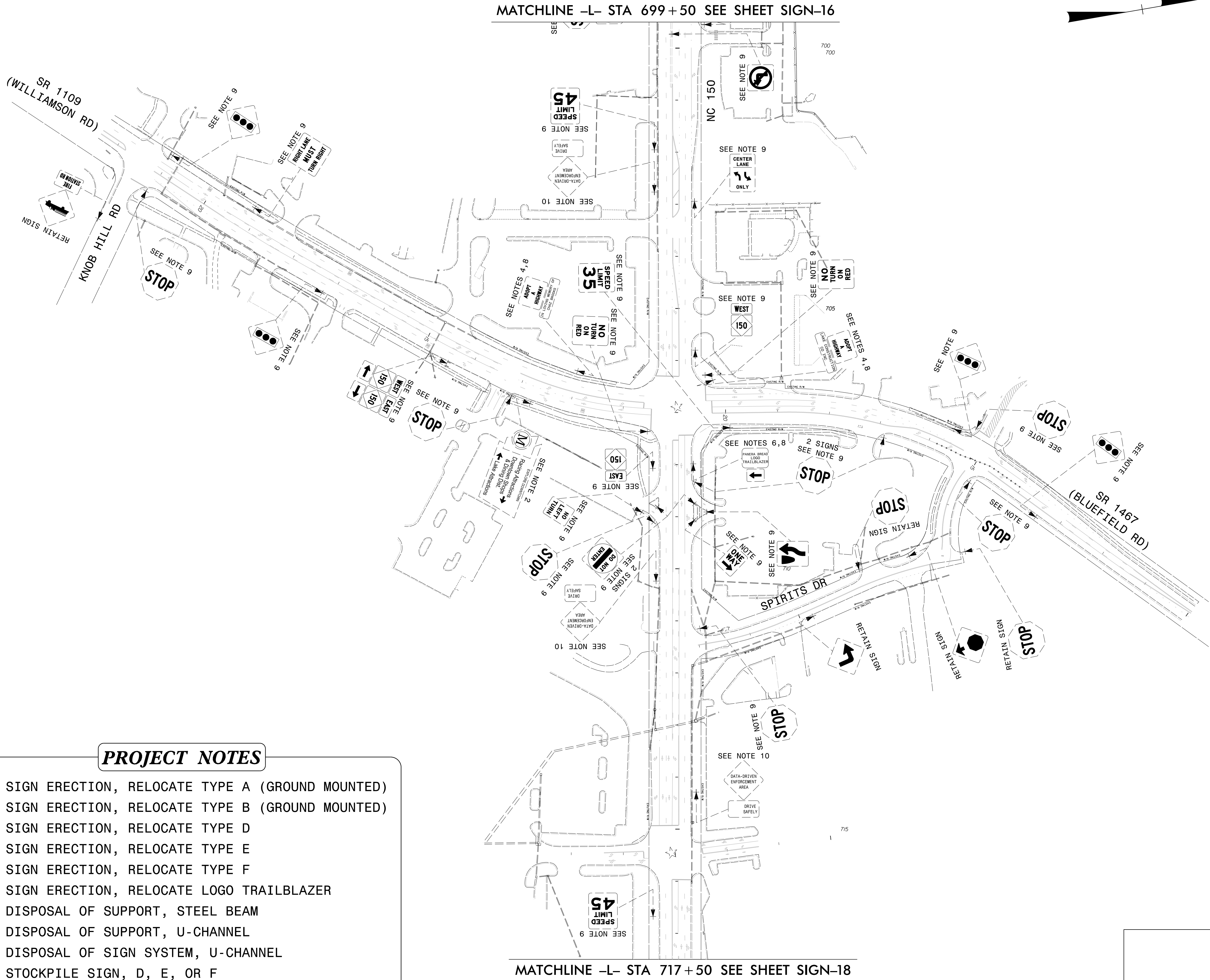
SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7

DISPOSAL OF SUPPORT, STEEL BEAM
- 8

DISPOSAL OF SUPPORT, U-CHANNEL
- 9

DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10

STOCKPILE SIGN, D, E, OR F



EXISTING SIGNING  
NC 150  
-L- STA 699+50 TO 717+50

PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-18

APPROVED: *Betsy L. Watson*

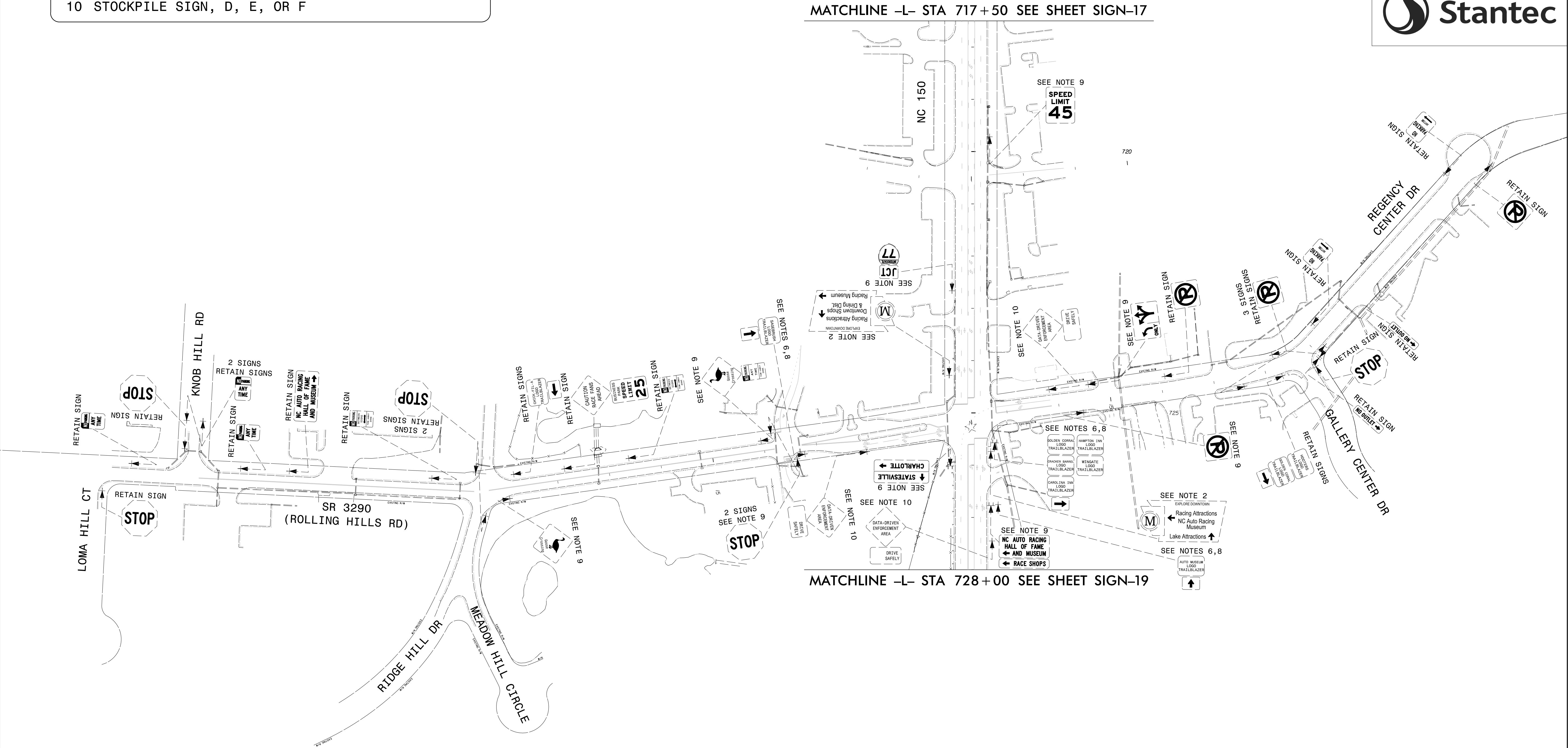
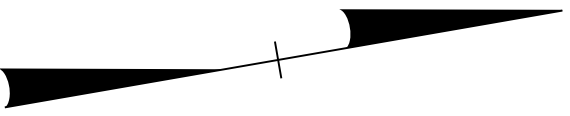
DATE: 8/14/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
SEAL  
29449  
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

 Stantec



EXISTING SIGNING  
NC 150  
-L- STA 717+50 TO 728+00

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DDON\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-19

APPROVED: *Betsy L. Watson*

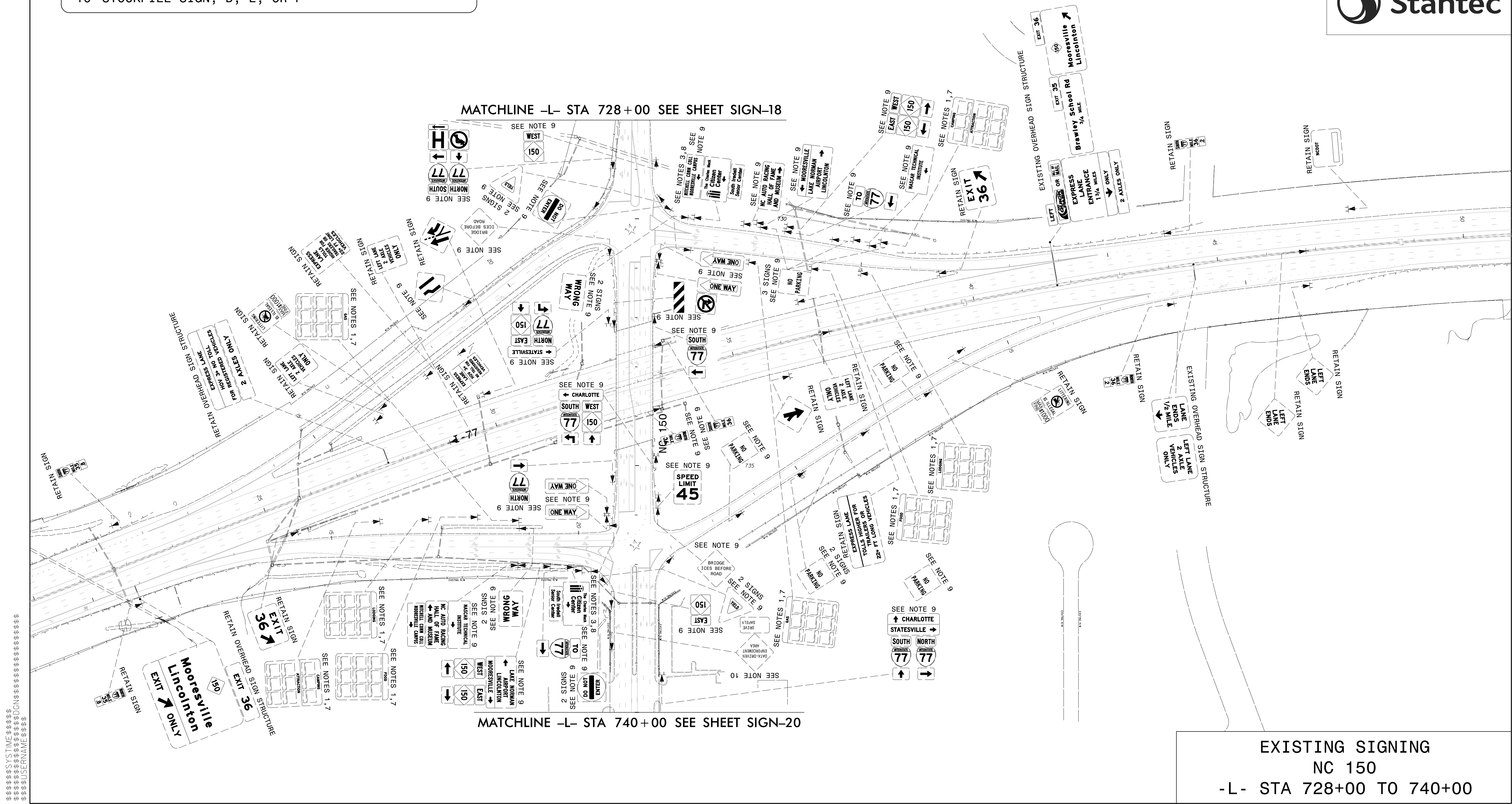
DATE: 8/14/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
SEAL  
29449  
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec



EXISTING SIGNING  
NC 150  
-L- STA 728+00 TO 740+00

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-20

APPROVED: 

Regina M. Muncy

CITEES1802245AFK

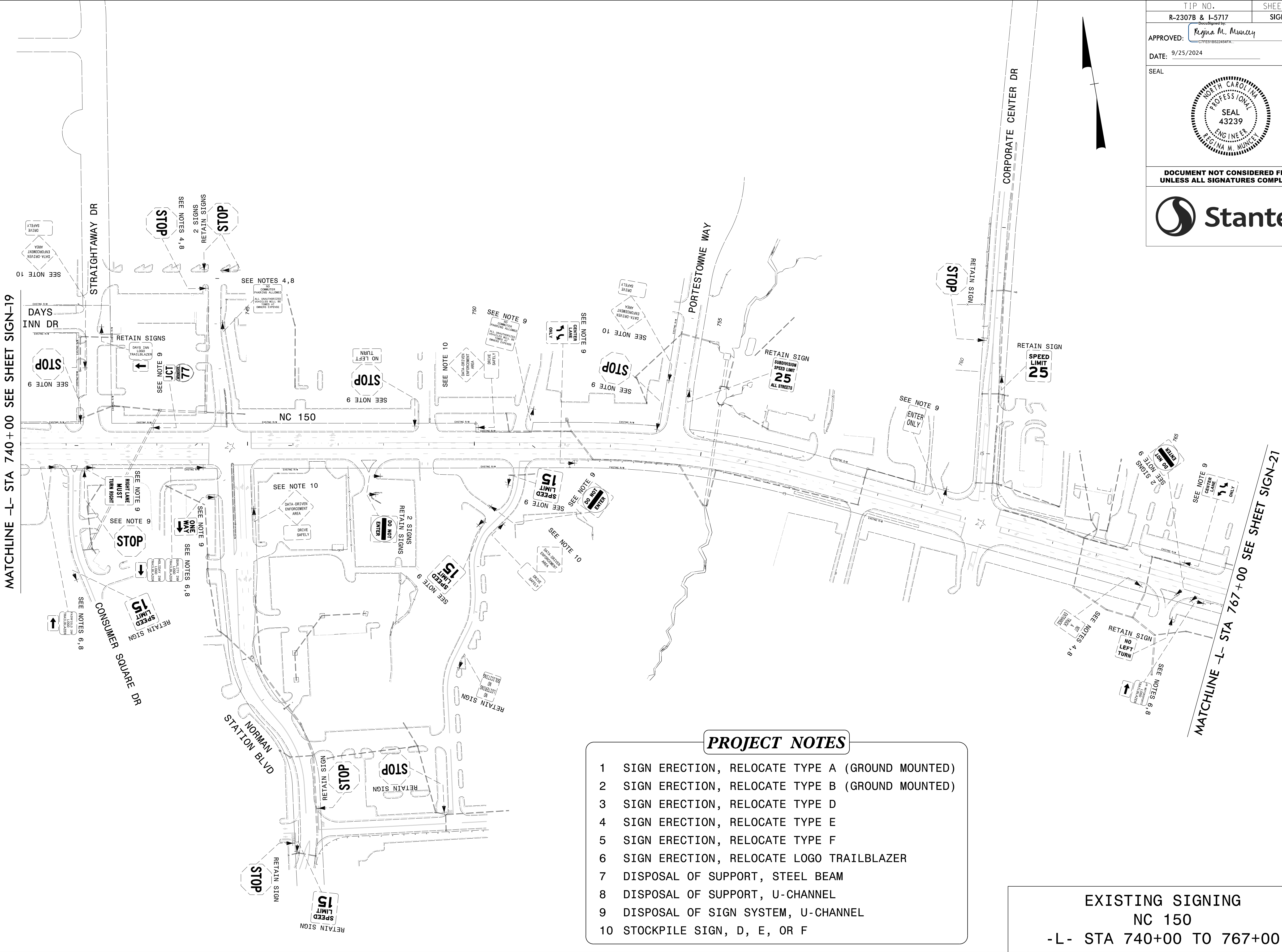
DATE: 9/25/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
43239  
ENGINEER  
REGINA M. MUNCY

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec



\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-21

APPROVED: 

Regina M. Muncy

C7FE51B52245AFK

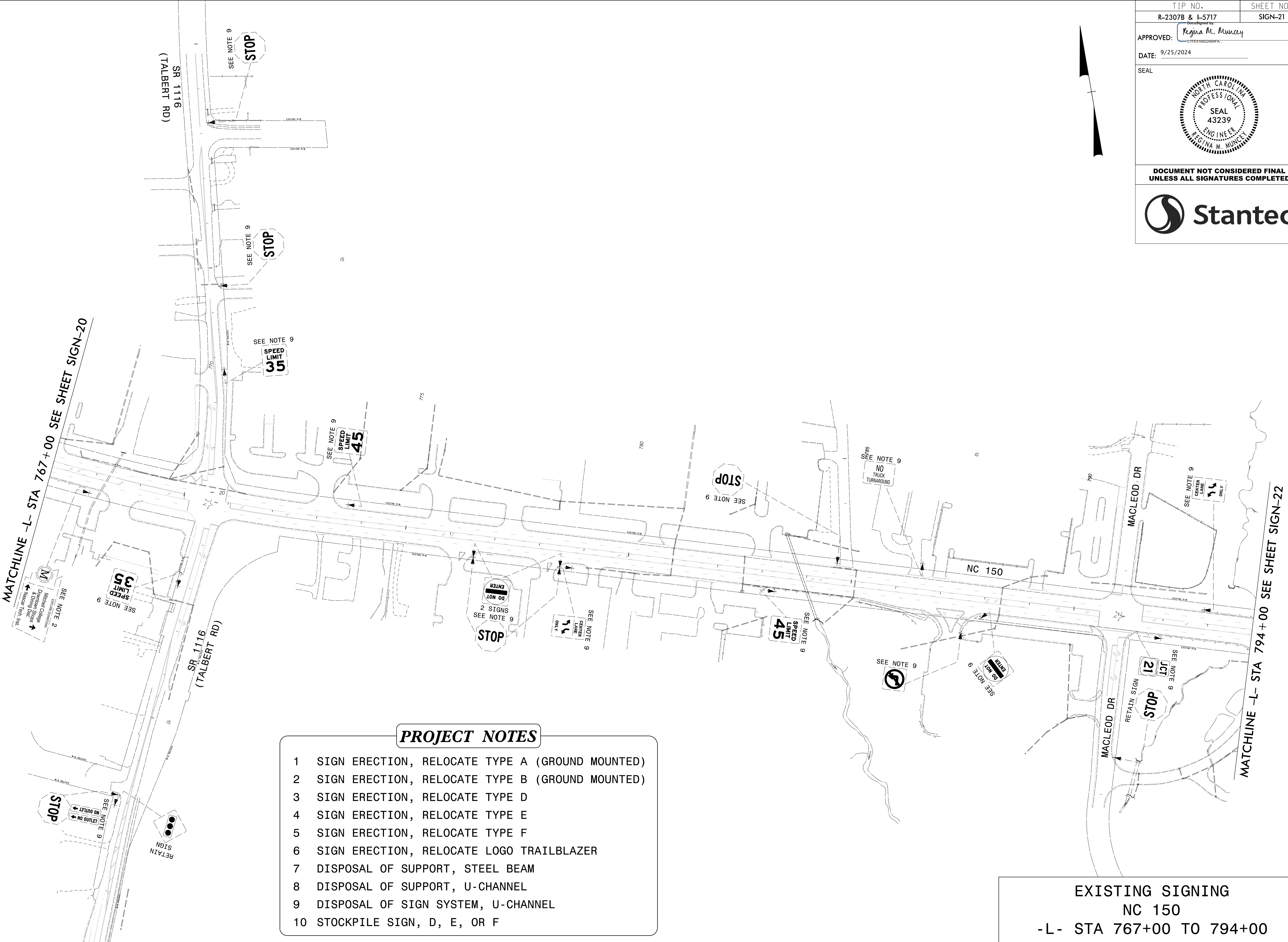
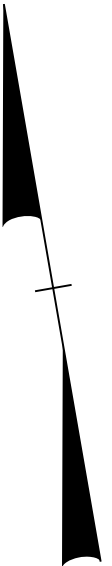
DATE: 9/25/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
43239  
ENGINEER  
REGINA M. MUNCY

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

 Stantec



PROJECT NOTES

- SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- SIGN ERECTION, RELOCATE TYPE D
- SIGN ERECTION, RELOCATE TYPE E
- SIGN ERECTION, RELOCATE TYPE F
- SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- DISPOSAL OF SUPPORT, STEEL BEAM
- DISPOSAL OF SUPPORT, U-CHANNEL
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- STOCKPILE SIGN, D, E, OR F

EXISTING SIGNING

NC 150

-L- STA 767+00 TO 794+00

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-22

APPROVED: *Betsy L. Watson*

DATE: 8/14/2024

SEAL

SEAL

29449

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec

\$\$\$\$\$SYSTIME\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

- PROJECT NOTES
- 1

SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2

SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3

SIGN ERECTION, RELOCATE TYPE D
- 4

SIGN ERECTION, RELOCATE TYPE E
- 5

SIGN ERECTION, RELOCATE TYPE F
- 6

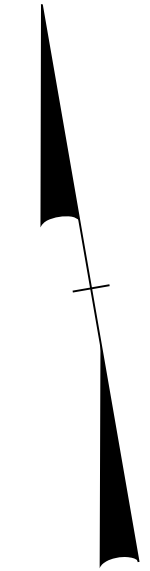
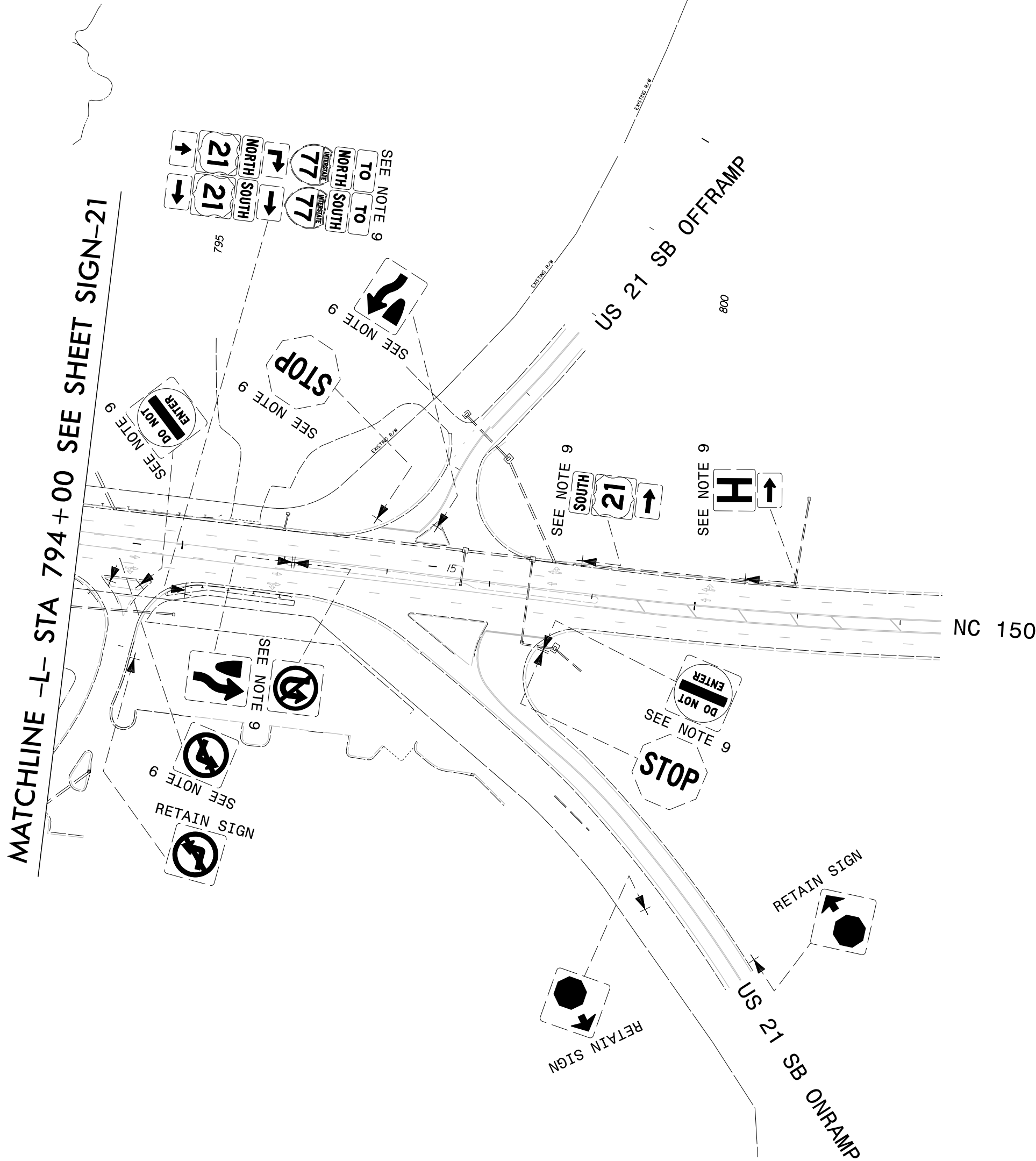
SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7

DISPOSAL OF SUPPORT, STEEL BEAM
- 8

DISPOSAL OF SUPPORT, U-CHANNEL
- 9

DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10

STOCKPILE SIGN, D, E, OR F



EXISTING SIGNING  
NC 150  
-L- STA 794+00 TO 802+40

PROJECT NOTES

- 1 SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE TYPE D
- 4 SIGN ERECTION, RELOCATE TYPE E
- 5 SIGN ERECTION, RELOCATE TYPE F
- 6 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SUPPORT, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 10 STOCKPILE SIGN, D, E, OR F

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-23

APPROVED: 

Betsy L. Watson

33E67B83AF8743F

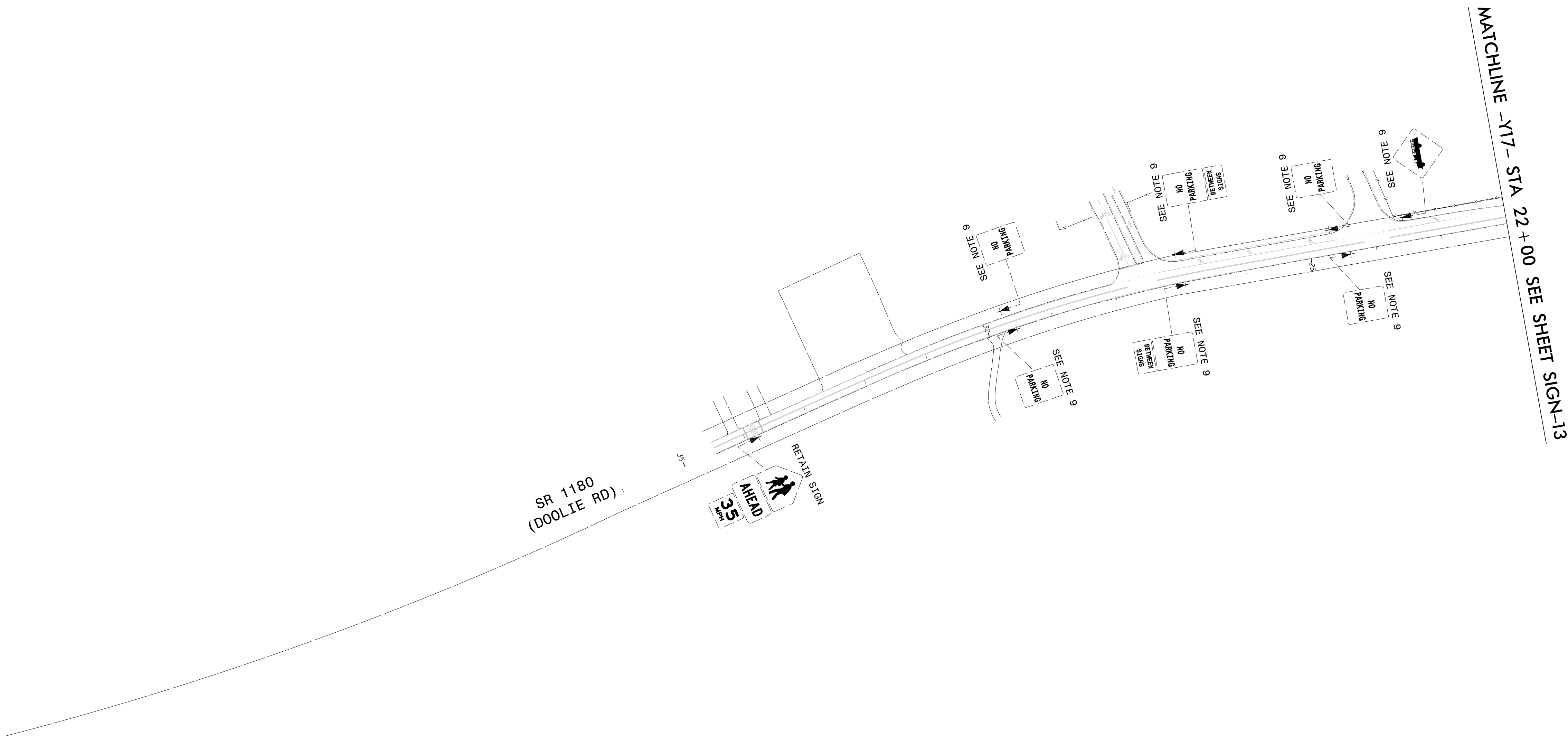
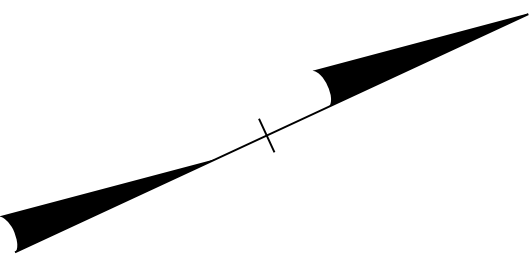
DATE: 8/14/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
29449  
ENGINEER  
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec



EXISTING SIGNING  
NC 150  
-Y17- STA 22+00 TO 34+50

\$\$\$\$\$SYSTIME\$\$\$\$\$  
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-24

APPROVED: *Betsy L. Watson*

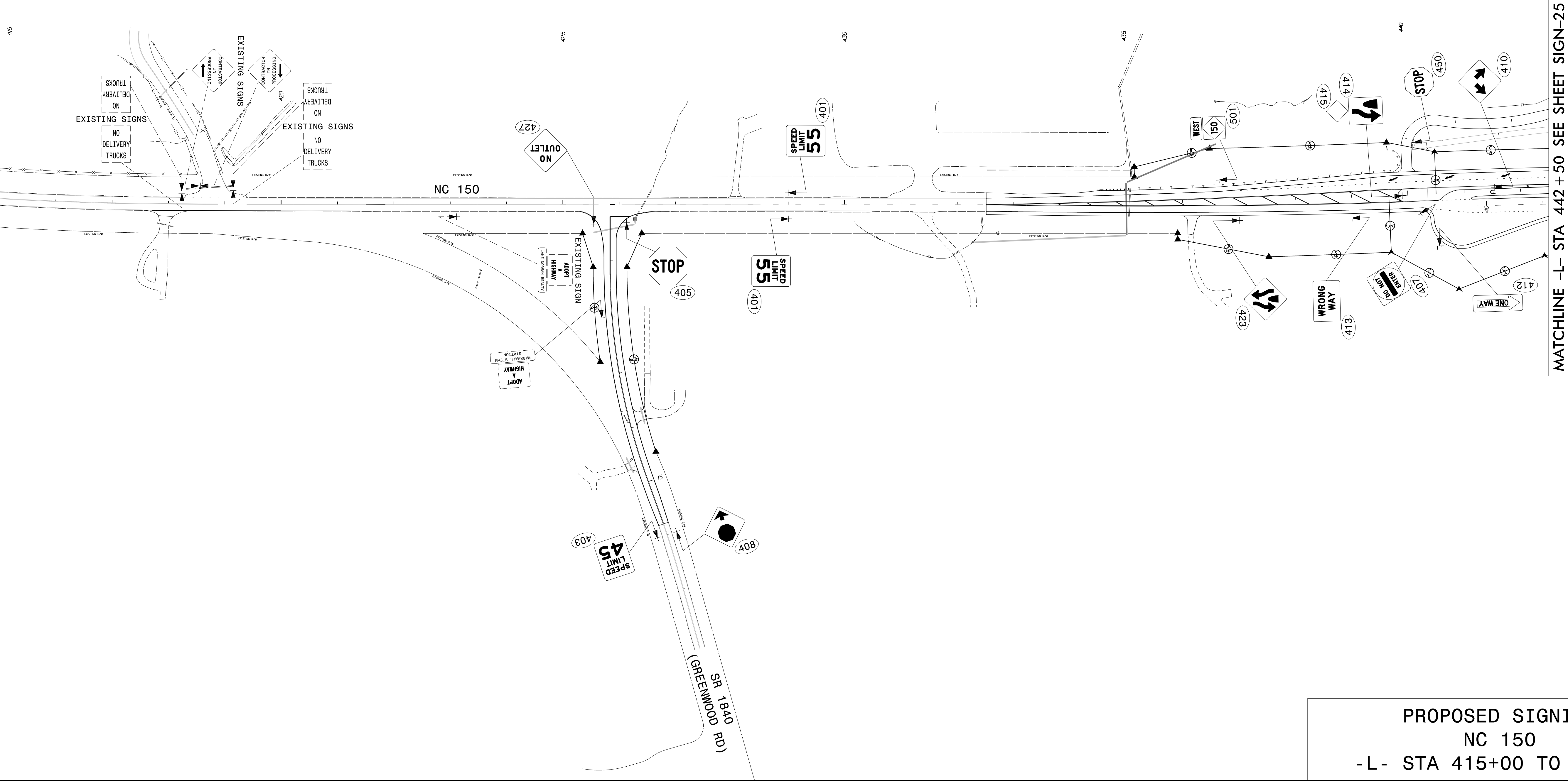
DATE: 8/14/2024

SEAL

NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
SEAL  
29449  
BETSY L. WATSON

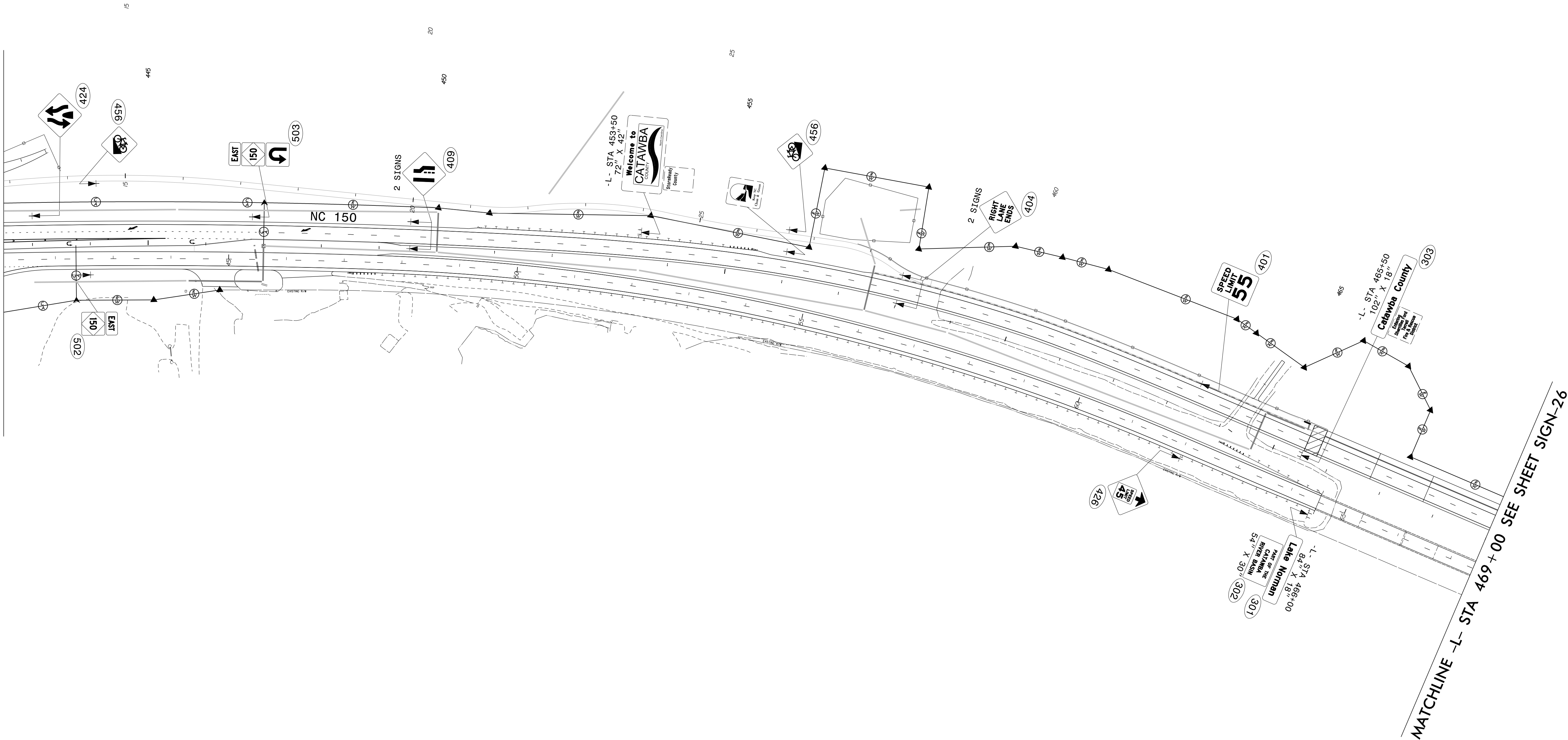
DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Stantec



|                                                                                             |                      |
|---------------------------------------------------------------------------------------------|----------------------|
| TIP NO.<br>R-2307B & I-5717                                                                 | SHEET NO.<br>SIGN-25 |
| APPROVED: <i>Betsy L. Watson</i><br><small>35E67B83AF8743F</small>                          |                      |
| DATE: 8/14/2024                                                                             |                      |
| SEAL<br> |                      |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                            |                      |
|          |                      |

MATCHLINE -L- STA 442 + 50 SEE SHEET SIGN-24



\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

PROPOSED SIGNING  
NC 150  
-L- STA 442+50 TO 469+00

TIP NO.  
R-2307B & I-5717

SHEET NO.  
SIGN-26

APPROVED: *Betsy L. Watson*  
35E67B83AF8743F...

DATE: 8/14/2024

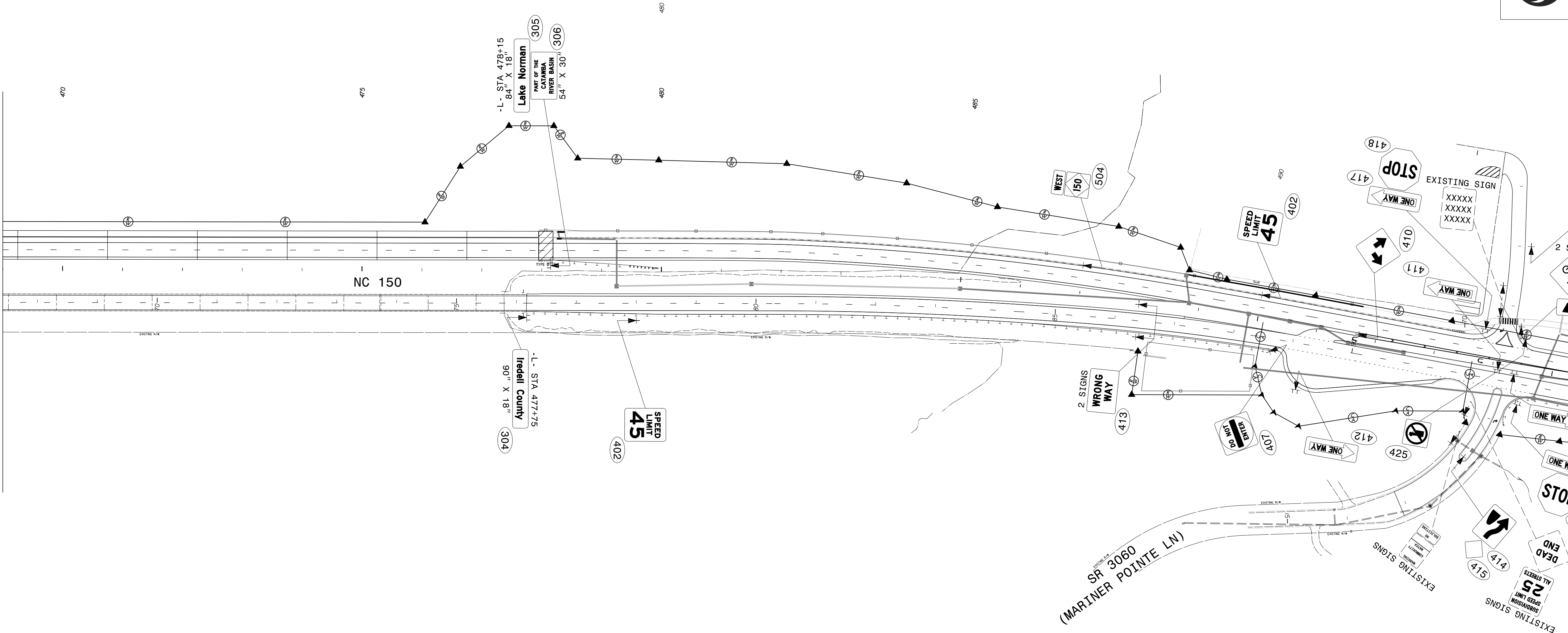
SEAL

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
29449  
ENGINEER  
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

 **Stantec**

MATCHLINE -L- STA 469+00 SEE SHEET SIGN-25



PROPOSED SIGNING  
NC 150  
-L- STA 469+00 TO 496+50

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$