

\$FILEL\$

8/3/2026

CONTRACT: C205223

T.I.P.: I-5715

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: I-77 AND THE NC 73 INTERCHANGE UPGRADE EXISTING INTERCHANGE TO
SPLIT DIAMOND CONFIGURATION

TIP NO.
I-5715

SHEET NO.
SIGN-1

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:

Anthony J. Spack

034207

SEAL

ENGINEER

ANTHONY J. SPACK

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS
910.40	TWO LANE ROUNDABOUT SIGNING, WITH PEDESTRIANS
910.50	SIGNING FOR SPEED REDUCTION ZONE
1264.01	OBJECT MARKERS TYPES
1264.02	OBJECT MARKERS INSTALLATION

GENERAL NOTES

- ALL SIGNS FURNISHED BY STATE.
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- ALL EXISTING SIGNS ON 'U' CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- 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.
- DO NOT BEGIN FABRICATION FOR TYPE 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.
- RELOCATION, REMOVAL, AND/OR REPLACEMENT OF LOGO SIGNS SHALL BE COORDINATED WITH NORTH CAROLINA SIGNING PROGRAM.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE 'A' AND 'B' GROUND MOUNTED SIGN SUPPORT
SIGN-2A THRU SIGN-2C	SIGNING DETAILS
SIGN-3AA THRU 3N	OVERHEAD SIGN ASSEMBLIES
SIGN-4A THRU SIGN-4O	SIGN DESIGNS
SIGN-5A THRU SIGN-5D	TYPE 'E', 'F' AND MILEMARKER SIGNS
SIGN-6 THRU SIGN-19	EXISTING SIGNING PLAN SHEETS
SIGN-20A THRU SIGN-33	FINAL SIGNING PLAN SHEETS

PROJECT NOTES

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

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	10	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATIONS	2	C.Y.
4057000000	SP	OVERHEAD FOOTING	340	C.Y.
4060000000	903	SUPPORT, BREAKAWAY STEEL BEAM	2,817	L.B.
4066000000	903	SUPPORT, SIMPLE STEEL BEAM	8,269	LB
4072000000	903	SUPPORT, 3-LB STEEL U-CHANNEL	2,285	L.F.
4096000000	904	SIGN ERECTION, TYPE D	5	E.A.
4096000000	904	SIGN ERECTION, TYPE E	124	E.A.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	36	E.A.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	10	E.A.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	8	E.A.
4110000000	904	SIGN ERECTION, TYPE D (GROUND MOUNTED)	5	E.A.
4108000000	904	SIGN ERECTION, TYPE F	7	E.A.
4114000000	904	SIGN ERECTION, MILEMARKERS	11	E.A.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	2	E.A.
4116100000	904	SIGN ERECTION, RELOCATE TYPE A (GROUND MOUNTED)	8	E.A.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 803+50	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 835+61	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 843+92	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 852+23	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 860+46	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 872+25	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 881+24	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L3NB- STA 898+95	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1RPD- STA 10+60	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2- STA 22+75 RT	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2- STA 28+50	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2- STA 37+50 LT	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2RPB- STA 19+82 LT	1	L.S.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2RPB- STA 10+60 RT	1	L.S.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	26	E.A.
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	7	E.A.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14	E.A.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	2	E.A.
4238500000	907	DISPOSAL OF SIGN, MILEMARKER	11	E.A.

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

JOSE MARTINEZ, P.E.

SIGNING & DELINEATION REGIONAL ENGINEER

ASHLEY MATTHEWS, P.E.

SIGNING & DELINEATION PROJECT DESIGN ENGINEER



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

SYDNEY ROSENBLUM, P.E.

PROJECT DESIGN ENGINEER

EMILY BRAXTON, E.I.

DESIGNER

Kimley»Horn

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-2

APPROVED:

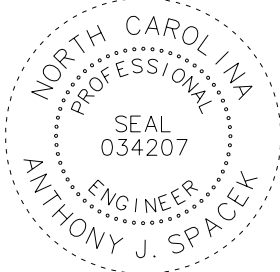
AJS

DATE:

5/19/26

SEAL

9/4/2026



DocuSigned by:

DocuSign Envelope ID: DB85A8015D9412

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TYPE 'A' AND 'B' GROUND MOUNTED SIGNS

SUPPORT CHART

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)
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED- MENT												S	L	LENGTH	S	
		w	x	h																												
100	B	120	x	42	-Y1RPD- 19+50	2	S4x7.7	S	N/A	N/A	N/A	18.00	5.86	3.50	7.00	3.0	1.56	12.06	15.06	0.00	0.00	0.00	4.49	14.99	17.99	0.00	254.485	1.0	3.5	0.00	0.20	
101	A	168	x	90	-Y2RPA- 30+00	2	W6x12	BA	N/A	N/A	N/A	14.00	8.20	7.50	7.00	3.5	0.30	14.80	18.30	0.00	0.00	0.00	2.36	16.86	20.36	541.92	0	1.5	4	0.52	0.00	
102	A	102	x	78	-Y4- 12+00	2	S4x7.7	BA	N/A	N/A	N/A	14.00	4.98	6.50	8.69	3.0	-1.16	14.03	17.03	0.00	0.00	0.00	-1.69	13.50	16.50	298.18	0	1.0	3.5	0.00	0.20	
103	B	78	x	42	-Y3- 11+50	2	S3x5.7	S	N/A	N/A	N/A	7.50	3.81	3.50	7.00	2.0	1.22	11.72	13.72	0.00	0.00	0.00	3.12	13.62	15.62	0.00	167.238	1.0	2.5	0.00	0.15	
200	A	66	x	120	-L3NB- 906+40	2	S4x7.7	BA	N/A	N/A	N/A	Δ	3.22	10.00	7.00	3.0	0.42	17.42	20.42	0.00	0.00	0.00	1.29	18.29	21.29	361.17	0	1.0	3.5	0.00	0.20	
201	A	108	x	60	-Y1RPD- 15+22	2	S3x5.7	BA	N/A	N/A	N/A	Δ	5.27	5.00	7.00	3.0	1.08	13.08	16.08	0.00	0.00	0.00	0.25	12.25	15.25	214.58	0	1.0	3.5	0.00	0.20	
202	A	108	x	60	-Y2RPD- 45+50	2	S3x5.7	BA	N/A	N/A	N/A	Δ	5.27	5.00	7.00	3.0	1.14	13.14	16.14	0.00	0.00	0.00	1.50	13.50	16.50	222.05	0	1.0	3.5	0.00	0.20	
203	A	102	x	66	-Y2RPB- 16+70	2	S4x7.7	BA	N/A	N/A	N/A	Δ	4.98	5.50	7.00	3.0	1.58	14.08	17.08	0.00	0.00	0.00	1.62	14.12	17.12	303.34	0	1.0	3.5	0.00	0.20	
900	A	180	x	120	-L3NB- 861+35	2	W6x16	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.5	1.79	18.79	23.29	0.00	0.00	0.00	3.27	20.27	24.77	0.00	768.96	1.5	5	0.65	0.00	
901	A	180	x	120	-L3NB- 889+50	2	W6x16	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.5	1.79	18.79	23.29	0.00	0.00	0.00	3.74	20.74	25.24	0.00	776.48	1.5	5	0.65	0.00	
902	A	180	x	120	-Y2RPD- 47+46	2	W10x22	S	N/A	N/A	N/A	16.00	8.79	10.00	7.00	4.0	3.79	20.79	24.79	0.00	0.00	0.00	9.65	26.65	30.65	0.00	1219.68	2.5	4.5	1.64	0.00	
903	A	180	x	120	-Y2RPD- 49+07	2	W10x22	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.0	3.79	20.79	24.79	0.00	0.00	0.00	9.65	26.65	30.65	0.00	1219.68	2.5	4.5	1.64	0.00	
904	A	180	x	120	-Y2RPD- 49+28	2	W8x18	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.0	6.34	23.34	27.34	0.00	0.00	0.00	1.94	18.94	22.94	0.00	905.04	2.0	4.5	1.05	0.00	
905	A	180	x	120	-Y2RPD- 51+30	2	W6x16	BA	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.5	4.02	21.02	25.52	0.00	0.00	0.00	1.82	18.82	23.32	875.44	0	1.5	5	0.65	0.00	
906	A	180	x	120	-Y2RPB- 24+50	2	W8x18	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.0	2.05	19.05	23.05	0.00	0.00	0.00	6.15	23.15	27.15	0.00	903.6	2.0	4.5	1.05	0.00	
907	A	180	x	120	-Y2RPB- 25+50	2	W8x21	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.0	3.31	20.31	24.31	0.00	0.00	0.00	7.71	24.71	28.71	0.00	1113.42	2.0	4.5	1.05	0.00	
908	A	180	x	120	-Y2RPB- 26+50	2	W8x18	S	N/A	N/A	N/A	18.00	8.79	10.00	7.00	4.0	3.11	20.11	24.11	0.00	0.00	0.00	7.13	24.13	28.13	0.00	940.32	2.0	4.5	1.05	0.00	

TOTAL
2816.68

TOTAL
8269.90

TOTAL
9.95

TOTAL
1.37

USE:

2817.00

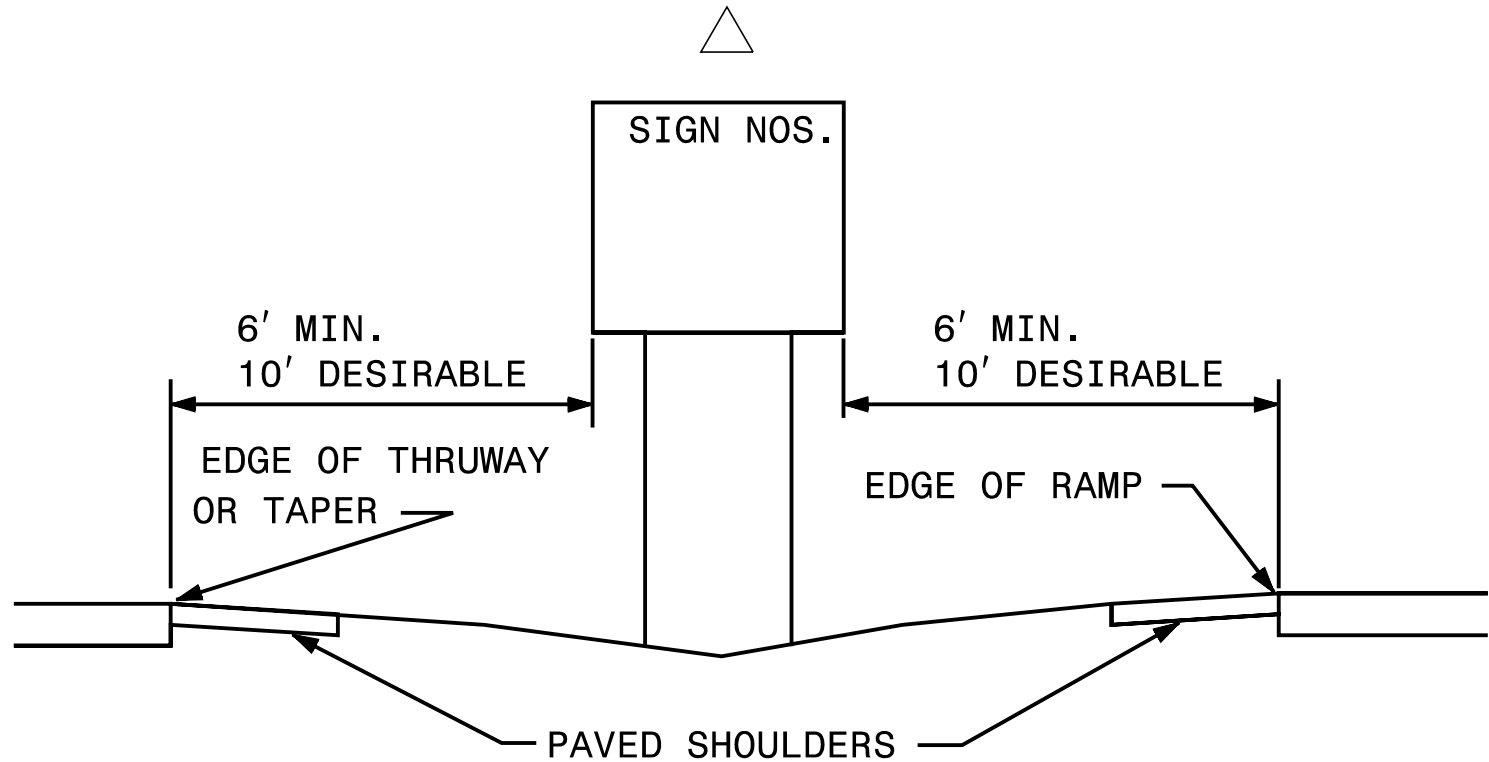
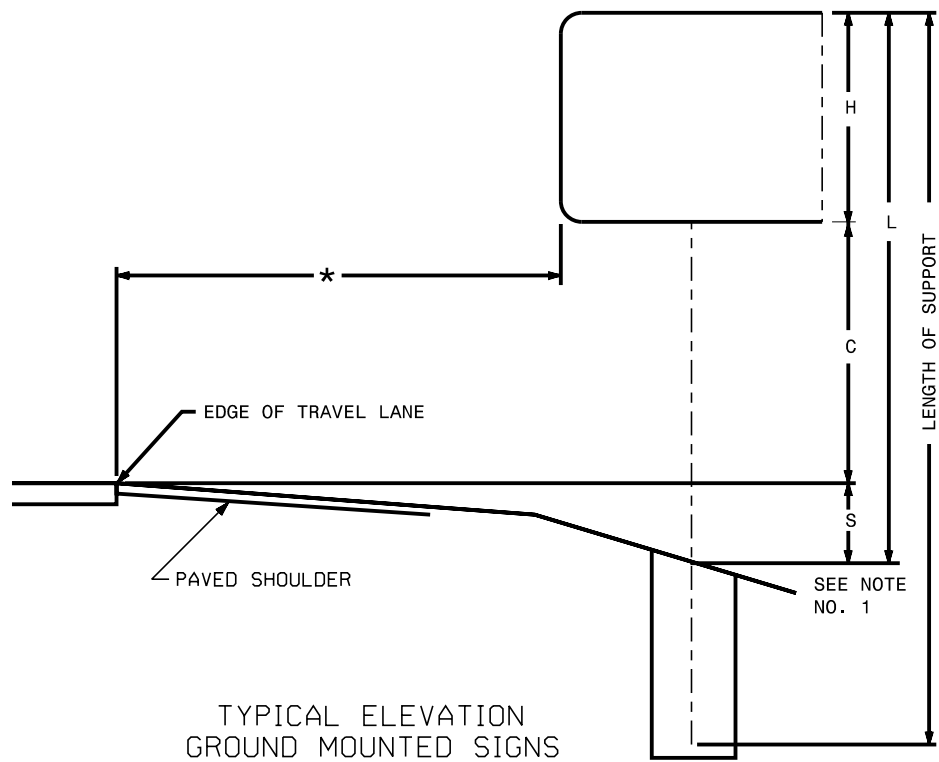
8269.00

10.00

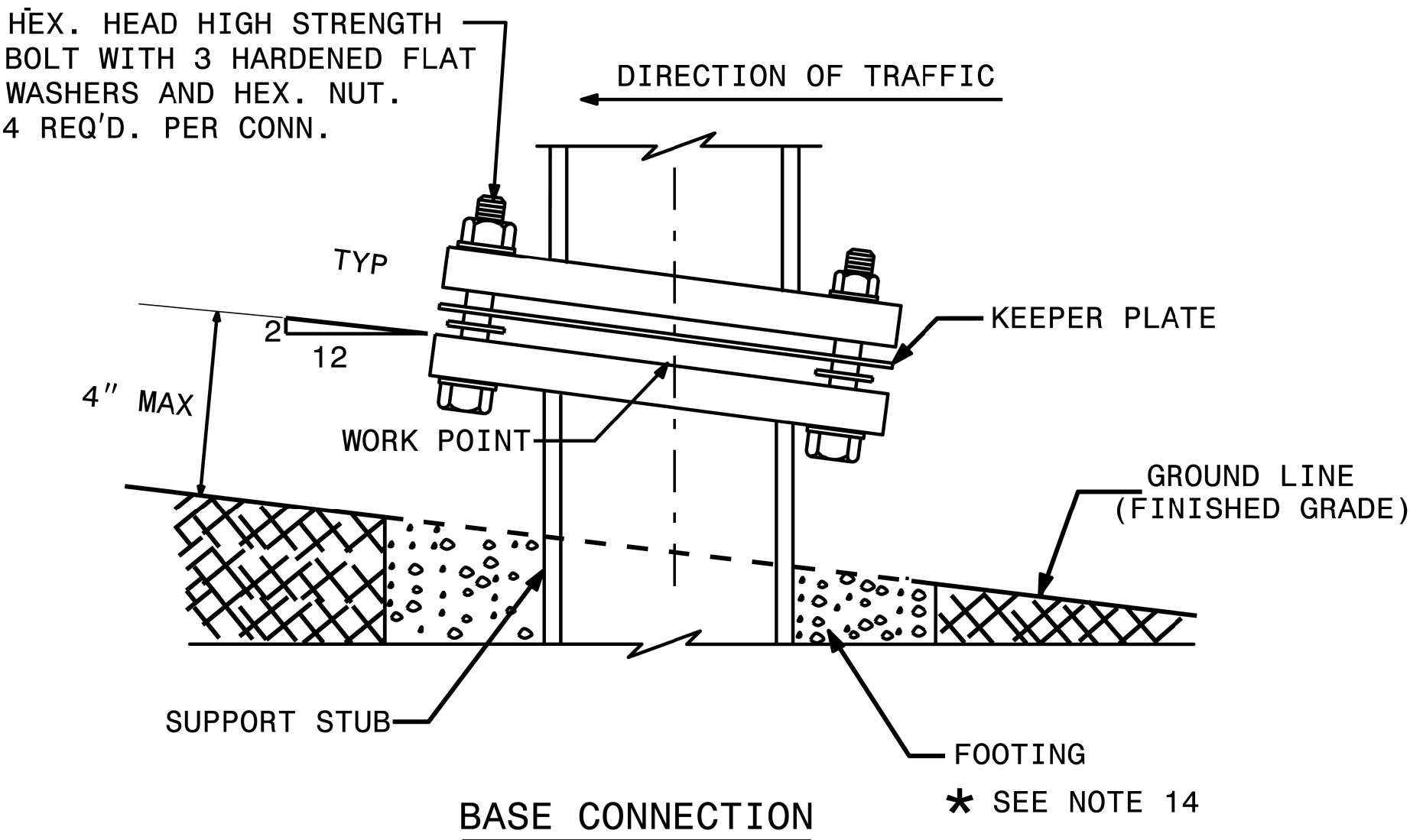
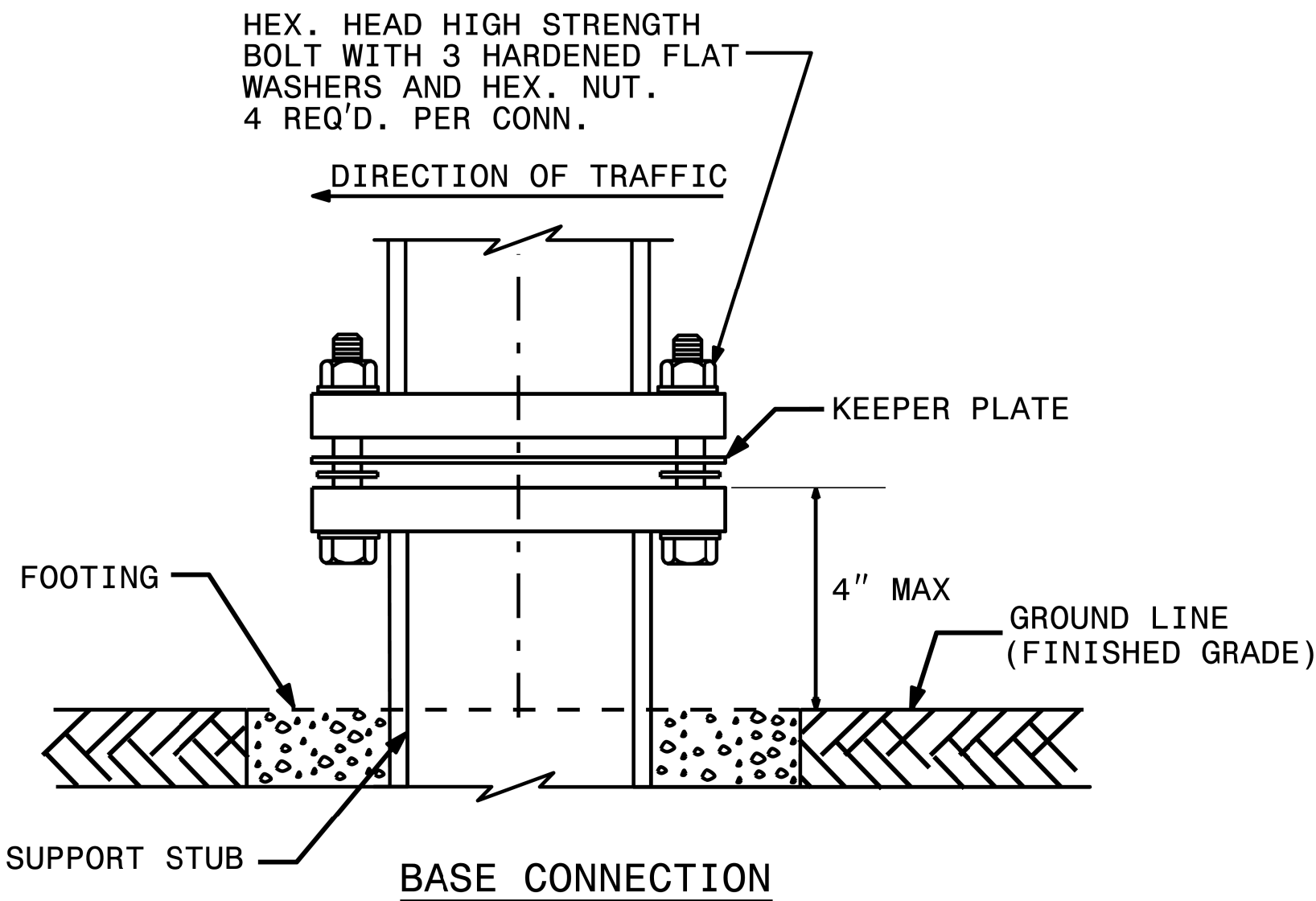
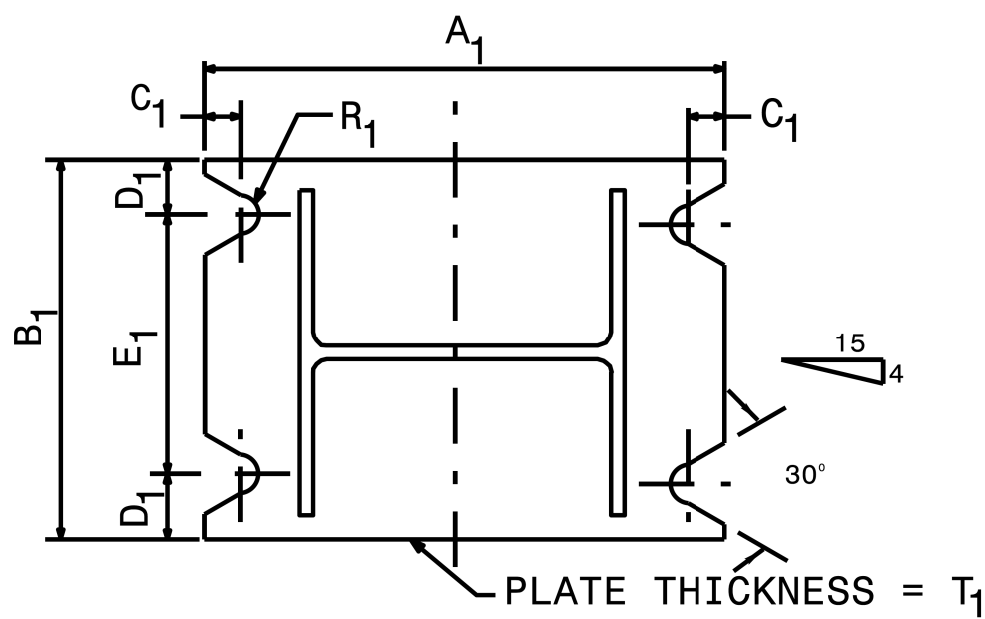
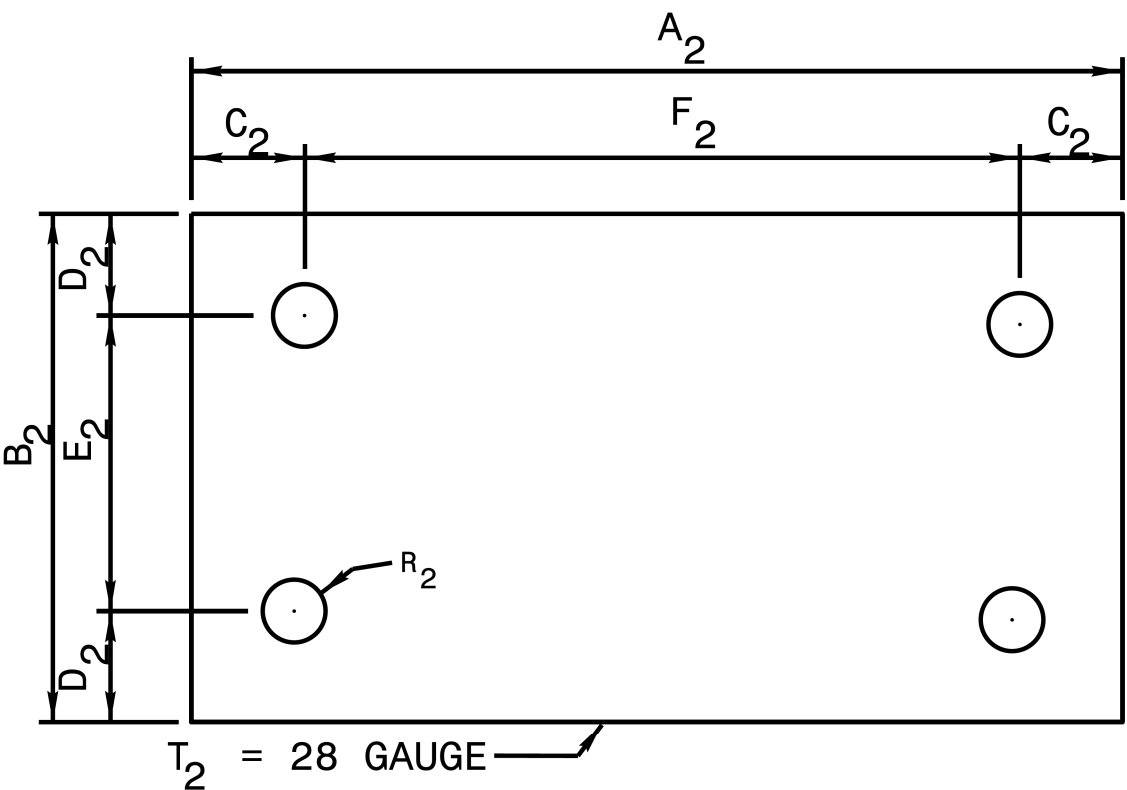
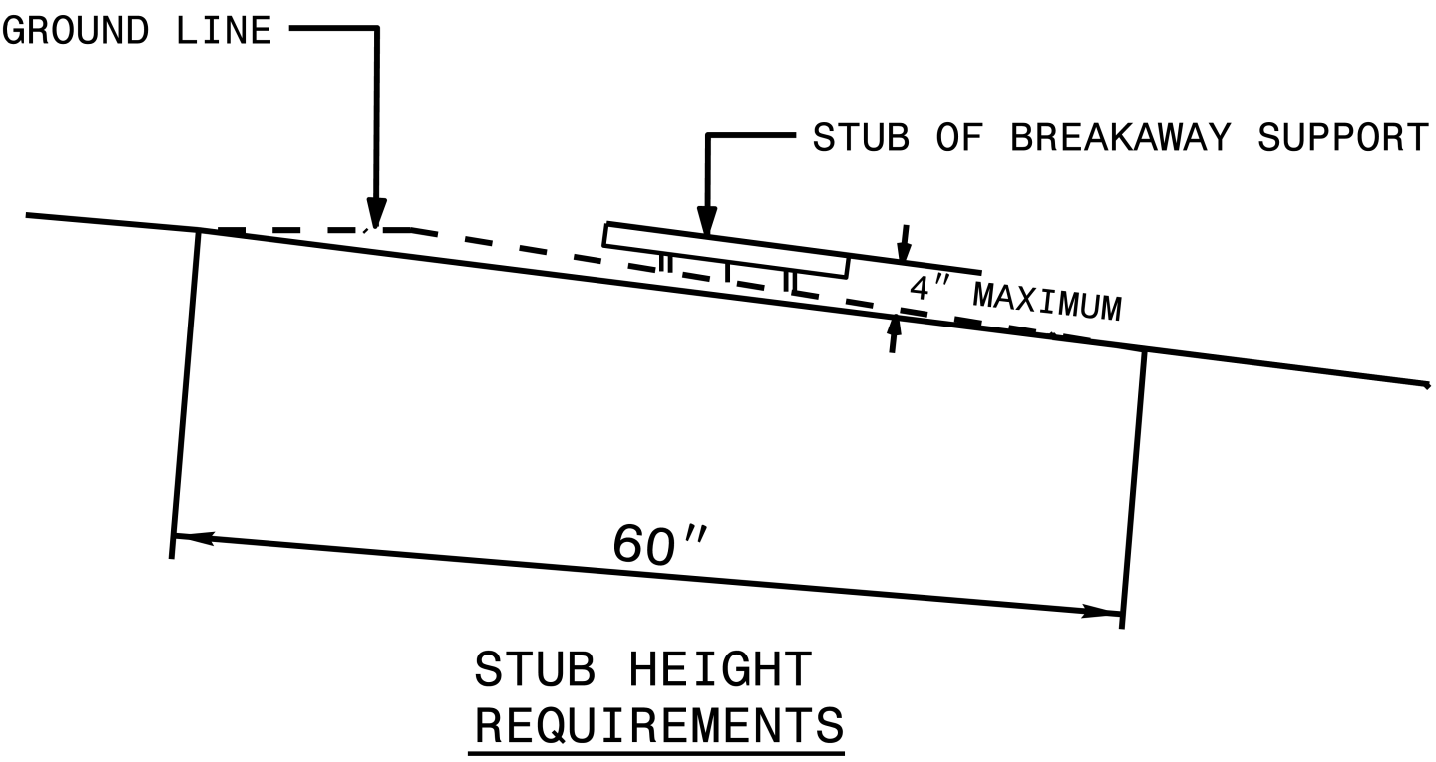
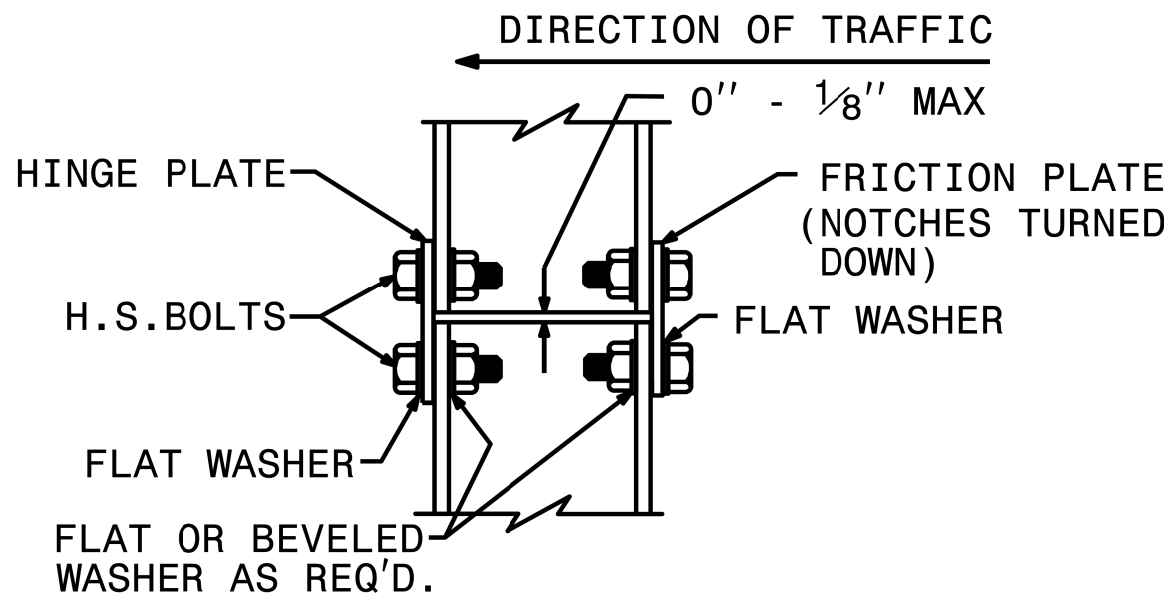
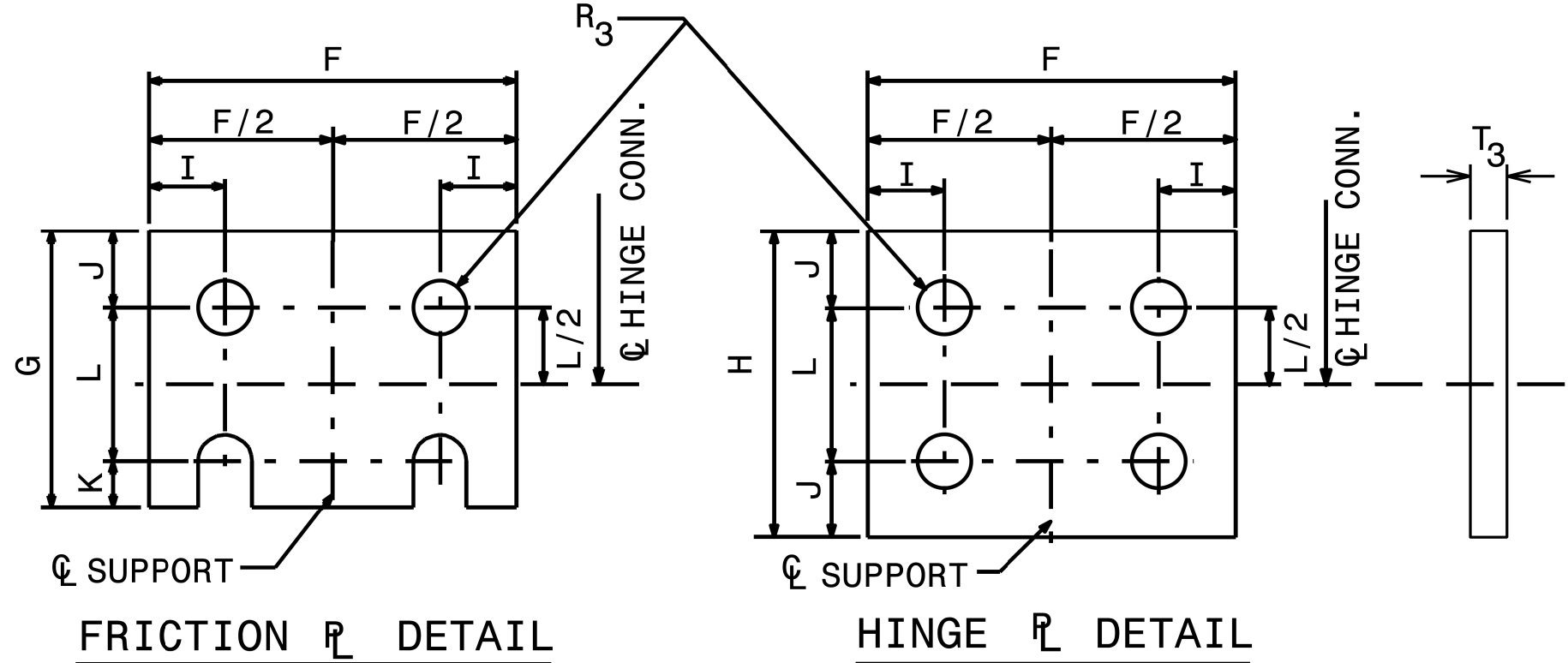
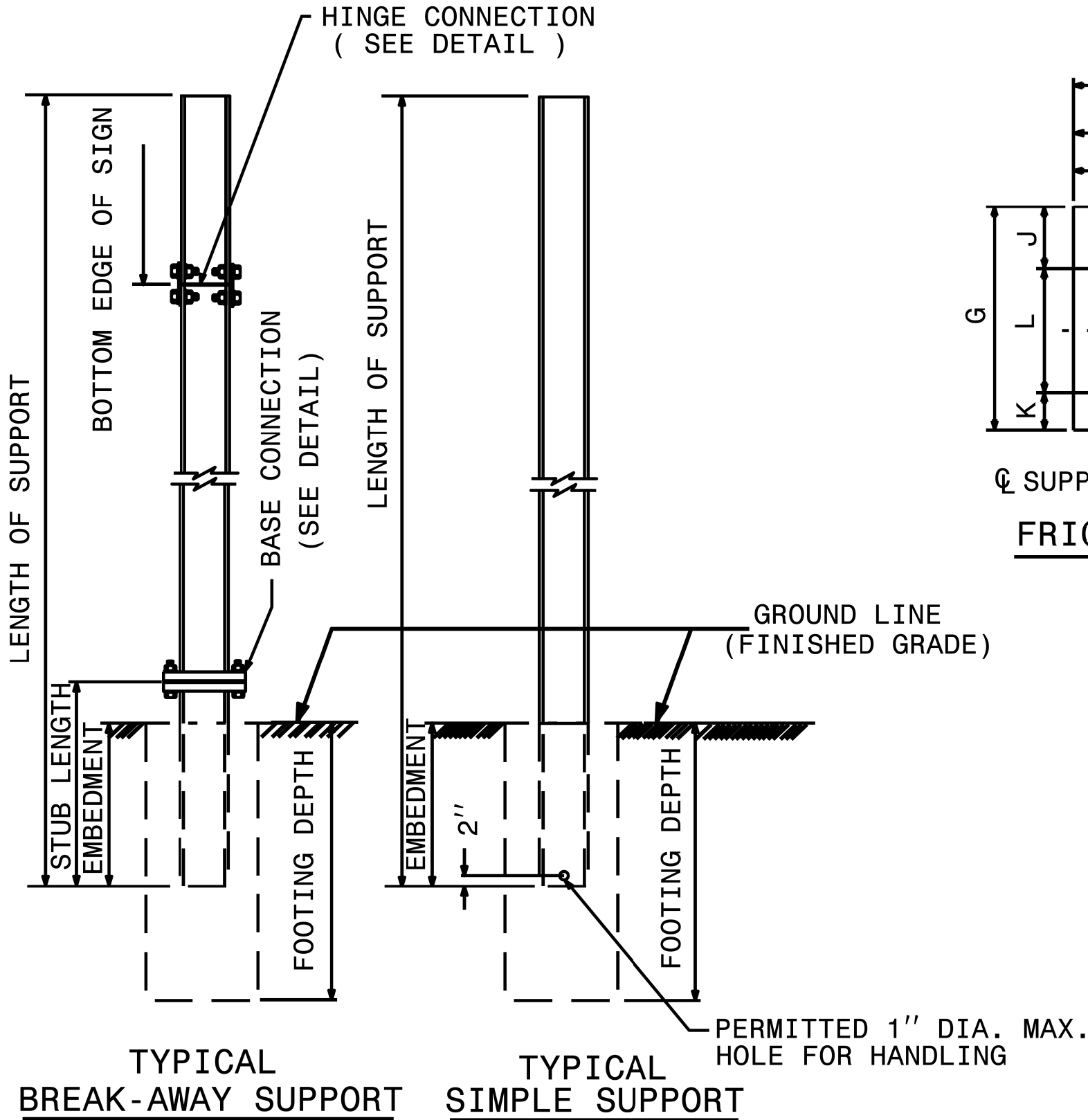
2.00

NOTES

- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
- 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
- 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.



TYPE "A" AND TYPE "B"
GROUND MOUNTED SIGNS



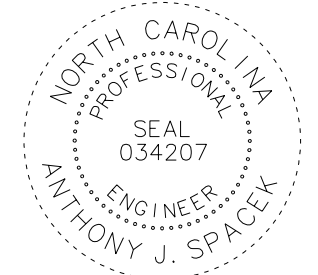
SEE SHEET 2 OF 3 FOR
BASE CONNECTION DATA
HINGE CONNECTION DATA
& FOUNDATION DATA.
SEE SHEET 3 OF 3 FOR
GENERAL NOTES.

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

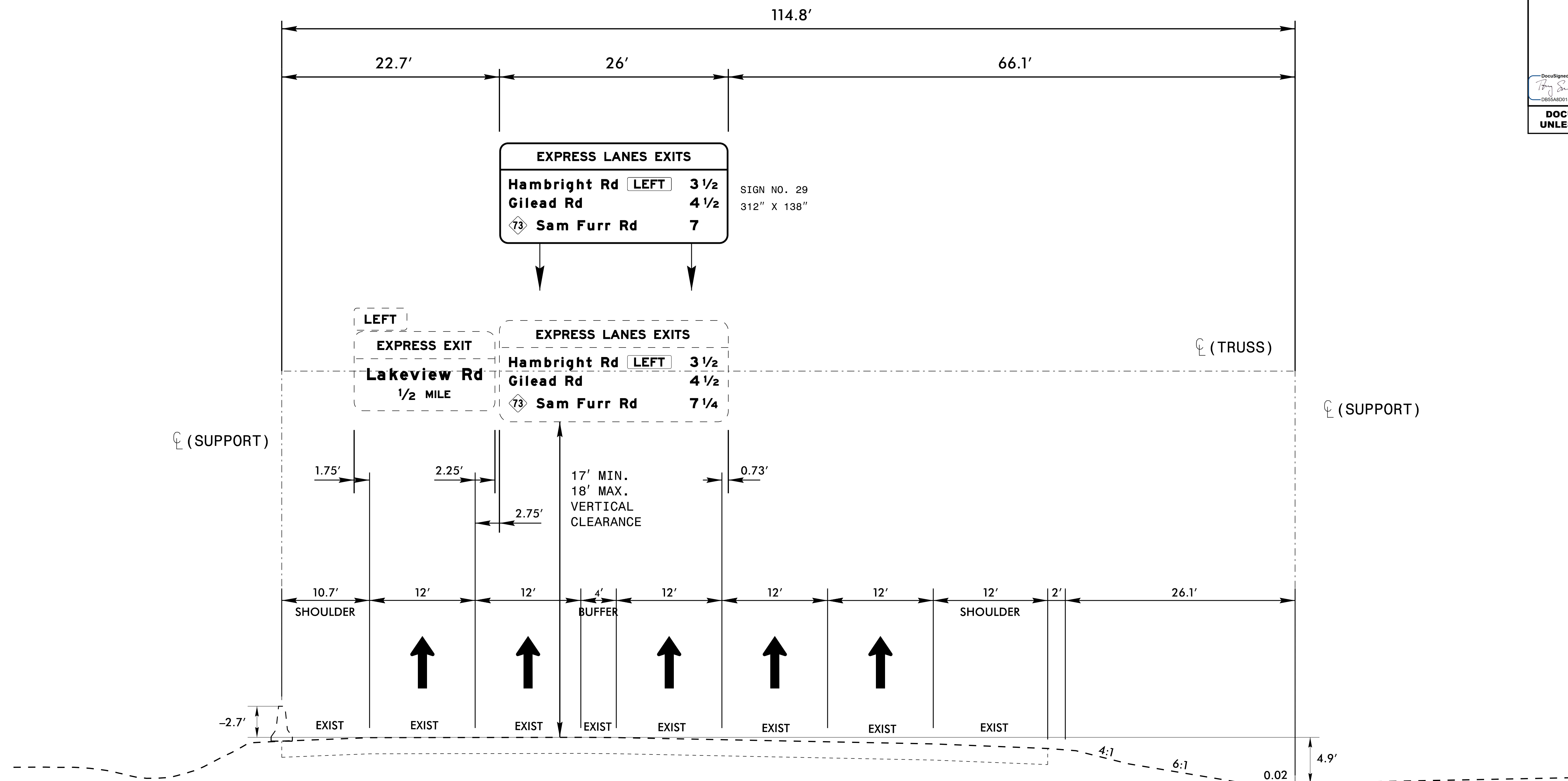
ORIGINAL BY:	R.S. GALLO	DATE:	02-29-2024
MODIFIED BY:		DATE:	
CHECKED BY:		DATE:	
FILE SPEC.:			

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.:		



DocuSigned by:
Byg Sand
DB55A8D015D9412

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. 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.
4. 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.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

STRUCTURE NUMBER: 591449

NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

*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.

EXIST. OVERHEAD ASSEMBLY "AA"
- L3NB- (I-77)
35.321686, -80.847617

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3AB

APPROVED:

AJS

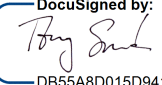
DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:



0855A80015D0412...

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

NORTH CAROLINA

PROFESSIONAL

SEAL

034207

ENGINEER

ANTHONY J. SPACK

The diagram illustrates the plan view of an overhead highway structure. The total width is 107.6'. The structure is supported by a TRUSS on the left and a SUPPORT on the right. The structure is divided into several sections with specific dimensions: 24.1', 23', 10.5', 7', 9.5', 0.5', 10', and 23'. The structure is labeled with 'EXPRESS LANES EXITS' and 'LANE ENDS'. Signs are shown for 'Sam Furr Rd 3 SOUTH', 'Catawba Ave 6 3/4', and 'Griffith St 7 3/4'. The structure is also labeled with 'EXIT 23', 'Huntersville Gilead Rd 2 MILES', and 'EXIT ONLY'. The structure is shown with a 17' MIN. 18' MAX. VERTICAL CLEARANCE. The structure is shown with a 9.7' SHOULDER, 12' EXIST, 12' EXIST, 12' EXIST, 12' EXIST, 12' EXIST, 12' EXIST, 12' EXIST, 14' SHOULDER, and 8' EXIST. The structure is shown with a 3.1' offset, 2' offset, 2.8' offset, 1.73' offset, 2.23' offset, and 0.23' offset. The structure is shown with a -3.7' offset and a 0.9' offset. The structure is shown with a 2:1 slope and a 4:1 slope.

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591457
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

*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.

EXIST. OVERHEAD ASSEMBLY "AB"
-L3NB- (I-77)
35.377443, -80.847600

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3A

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

DocuSigned by:

Anthony J. Spack

034207

ENGINEER

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591729
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "A"
-L3NB- (I-77)
-L3NB- STA 803+55

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

SHEET NO.

I-5715

SIGN-3B

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:
Anthony J. Spack

0855A80015D0412...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Diagram illustrating the plan view of an overhead highway truss structure (L3NB- (I-77)) showing dimensions, signs, and existing ground profile.

Key dimensions and features:

- Overall width: 112'
- Sign dimensions: SIGN NO. 4 (216" X 180"), SIGN NO. 5A (72" X 30"), SIGN NO. 5B (216" X 42"), SIGN NO. 5C (216" X 126"), SIGN NO. 5D (216" X 36").
- Sign content: LOCAL EXIT, Sam Furr Rd Northcross Dr 1/2 MILE, EXPRESS LANE ENTRANCE 1/2 MILE, 2 AXLES ONLY, LEFT, NC QUICK PASS OR BILL BY MAIL.
- Clearance: 17' MIN. 18' MAX. VERTICAL CLEARANCE.
- Approach dimensions: 8', 16', 12', 12', 4', 12', 12', 1', 15', 3.0', 8.7', 8.3'.
- Existing ground profile: 2:1 slope on the left, 1:1 slope on the right.
- Structure label: -L3NB- (I-77).

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591730
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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 ACCOMODATE
WIND VELOCITY OF 90 M.P.H.

OVERHEAD ASSEMBLY "B"
-L3NB- (I-77)
-L3NB- STA 835+61



1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. 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.
4. 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.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

STRUCTURE NUMBER: 591731

NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "C"
- L3NB- (I-77)
- L3NB- STA 843+92

[illegible]

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3D

APPROVED:

AJS

DATE:

5/19/26

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

034207

ENGINEER

ANTHONY J. SPACK

DocuSigned by:

Anthony J. Spack

CB55A8D015D9412...

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

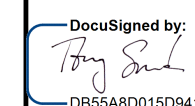
NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591732
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "D"
-L3NB- (I-77)
-L3NB- STA 852+23



120'

61'

18'

41'

SIGN NO. 9
216" X 192"

* 264" X 240"

LOCAL EXIT

73

Sam Furr Rd
Northcross Dr

CL (TRUSS)

CL (SUPPORT)

CL (SUPPORT)

3'

3'

17' MIN.
18' MAX.
VERTICAL
CLEARANCE

36'

4'

SHLD

12'

12'

12'

12'

12'

12'

SHOULDER

8'

EXIST

EXIST

EXIST

EXIST

EXIST

EXIST

4.72'

2.84'

EXISTING GROUND
TAKEN FROM
I-5405 PLANS

-L3NB- (I-77)

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. 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.
4. 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.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

STRUCTURE NUMBER: 591733

NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

*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.

OVERHEAD ASSEMBLY "E"
-L3NB- (I-77)
-L3NB- STA 860+46

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3F

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

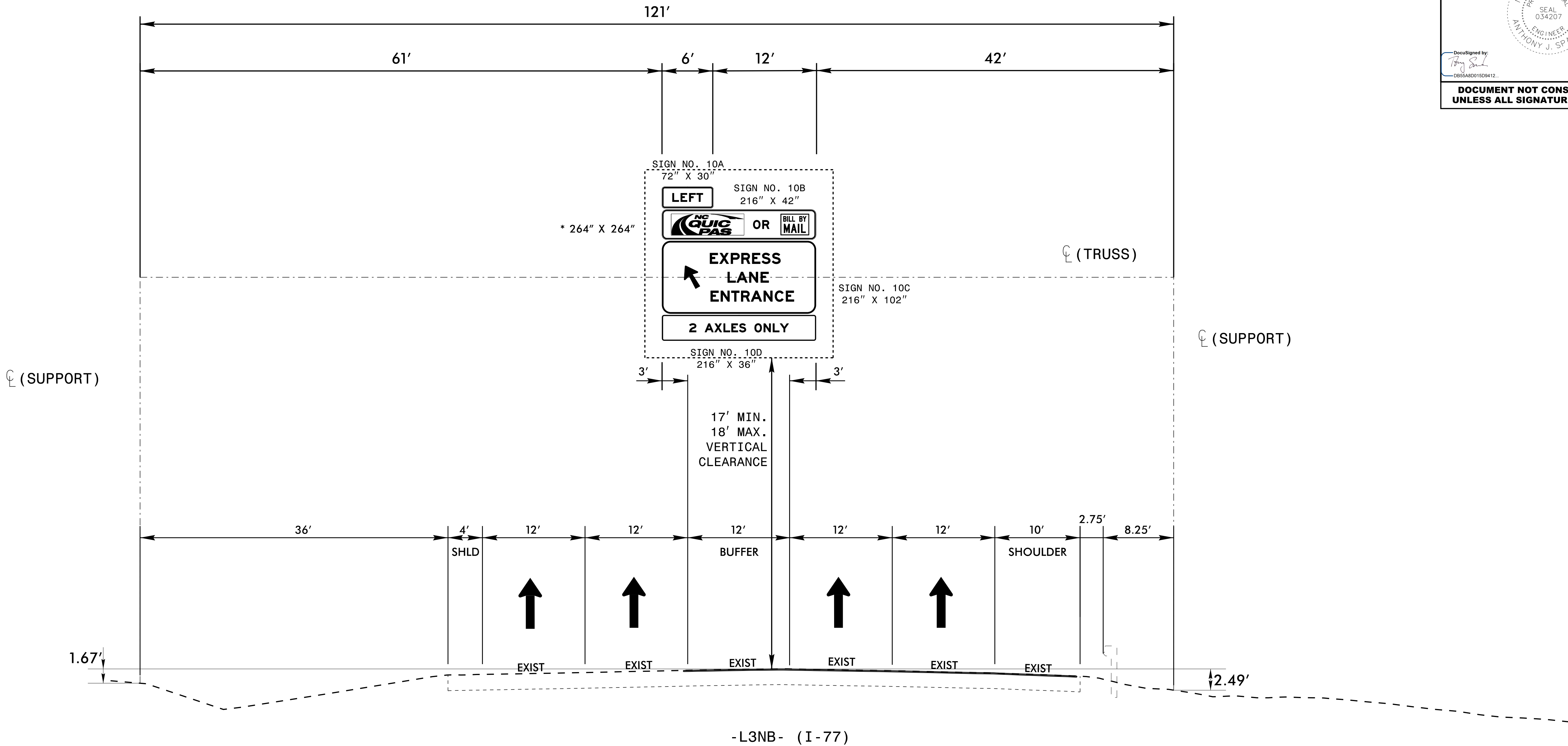
DocuSigned by:

Anthony J. Spack

0855A80015D0412...

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED



NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591734
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "F"
-L3NB- (I-77)
-L3NB- STA 872+25

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

SHEET NO.

I-5715

SIGN-3G

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:

Anthony J. Spack

0855A80015D9412...

NORTH CAROLINA

PROFESSIONAL

SEAL

034207

ENGINEER

ANTHONY J. SPACK

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591735
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "G"
-L3NB- (I-77)
-L3NB- STA 881+24

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3H

APPROVED:

AJS

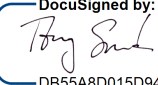
DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:



DBSSA6D15D9412...

NORTH CAROLINA

PROFESSIONAL

SEAL

034207

ENGINEER

ANTHONY J. SPACK

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591736
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "H"
-L3NB- (I-77)
-L3NB- STA 898+95

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3I

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:
Anthony J. Spack
DBSSA6D015D9412...

NORTH CAROLINA
PROFESSIONAL
SEAL
034207
ENGINEER
ANTHONY J. SPACK

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591737
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "I"
-Y1RPD- (I-77 OFF RAMP)
-Y1RPD- STA 10+60

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

SHEET NO.

I-5715

SIGN-3J

APPROVED:

AJS

DATE:

5/19/26

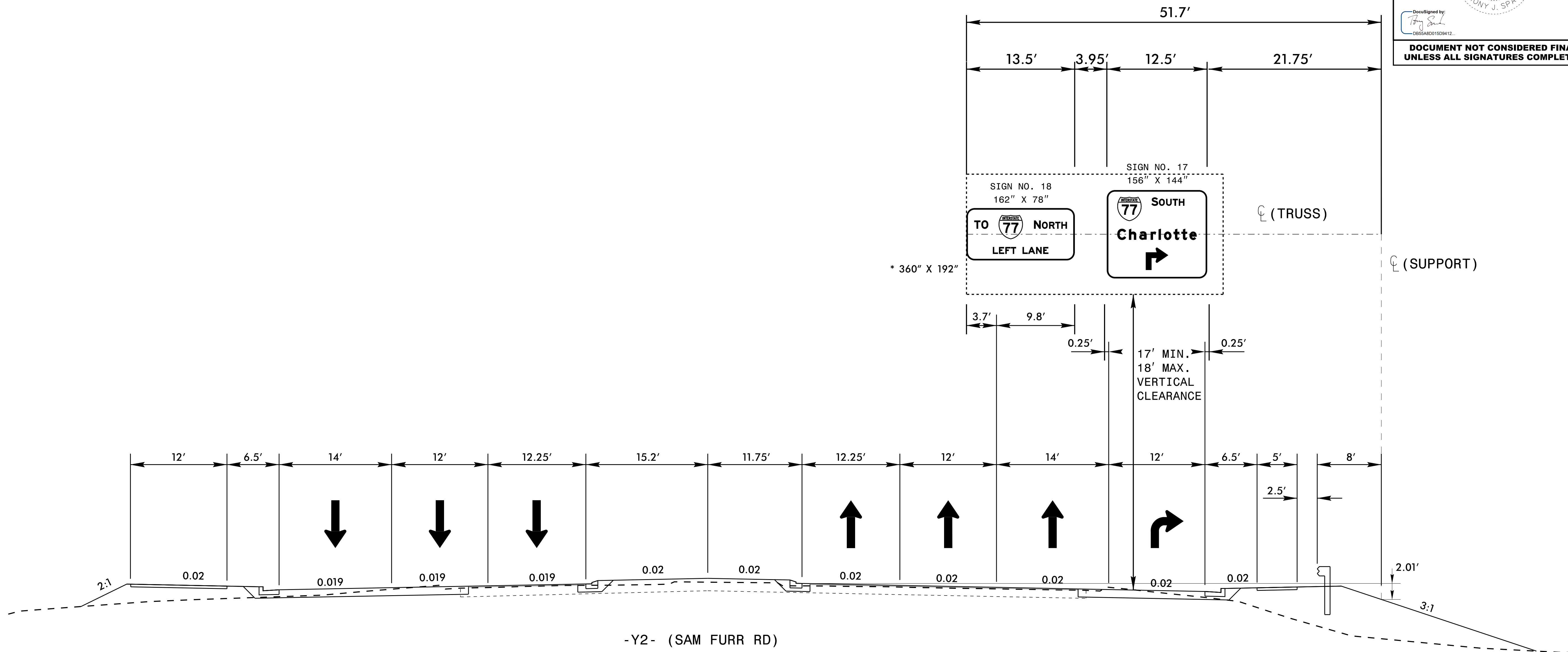
SEAL

9/4/2026



DocuSigned by:
Anthony J. Spack
DB55A6D15D9412...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591738
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "J"
-Y2- (SAM FURR RD)
-Y2- STA 22+75

Kimley»Horn

© 2026

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3K

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by

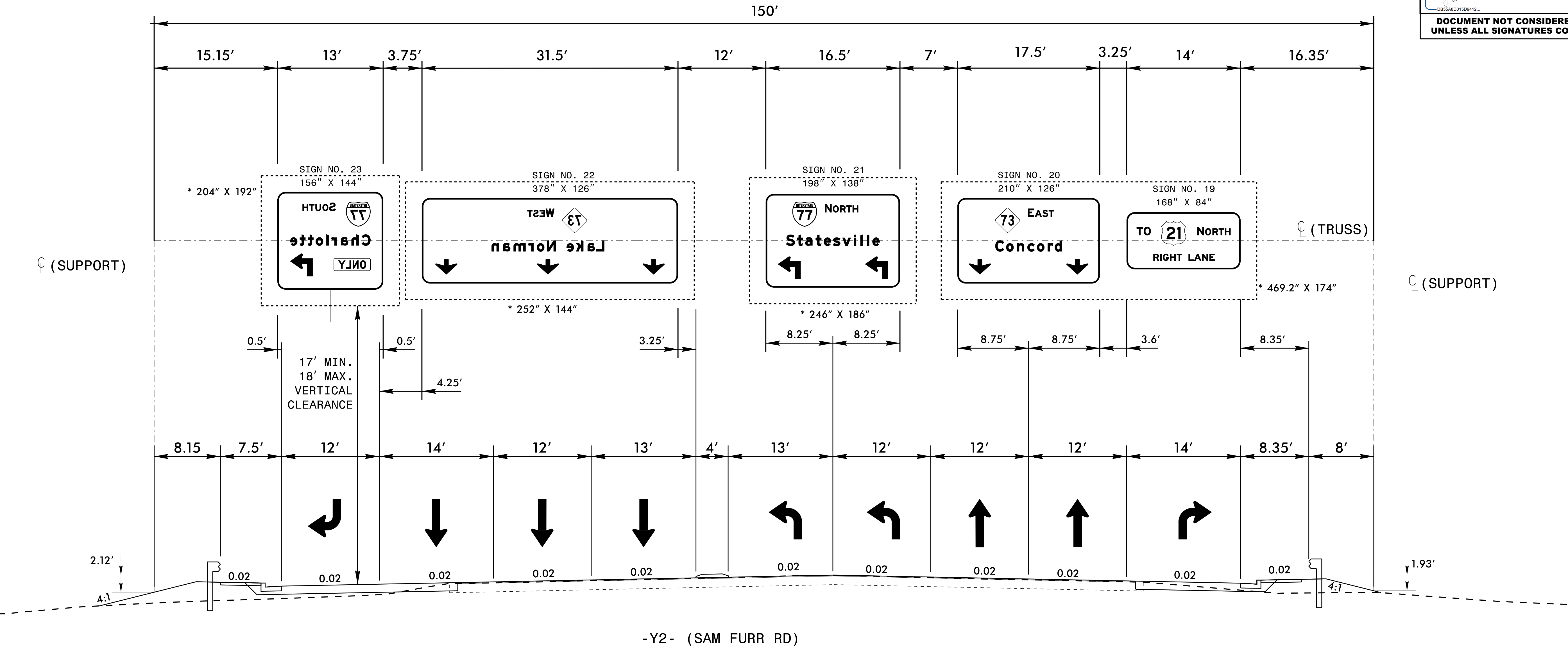
Anthony J. Spack

034207

ENGINEER

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

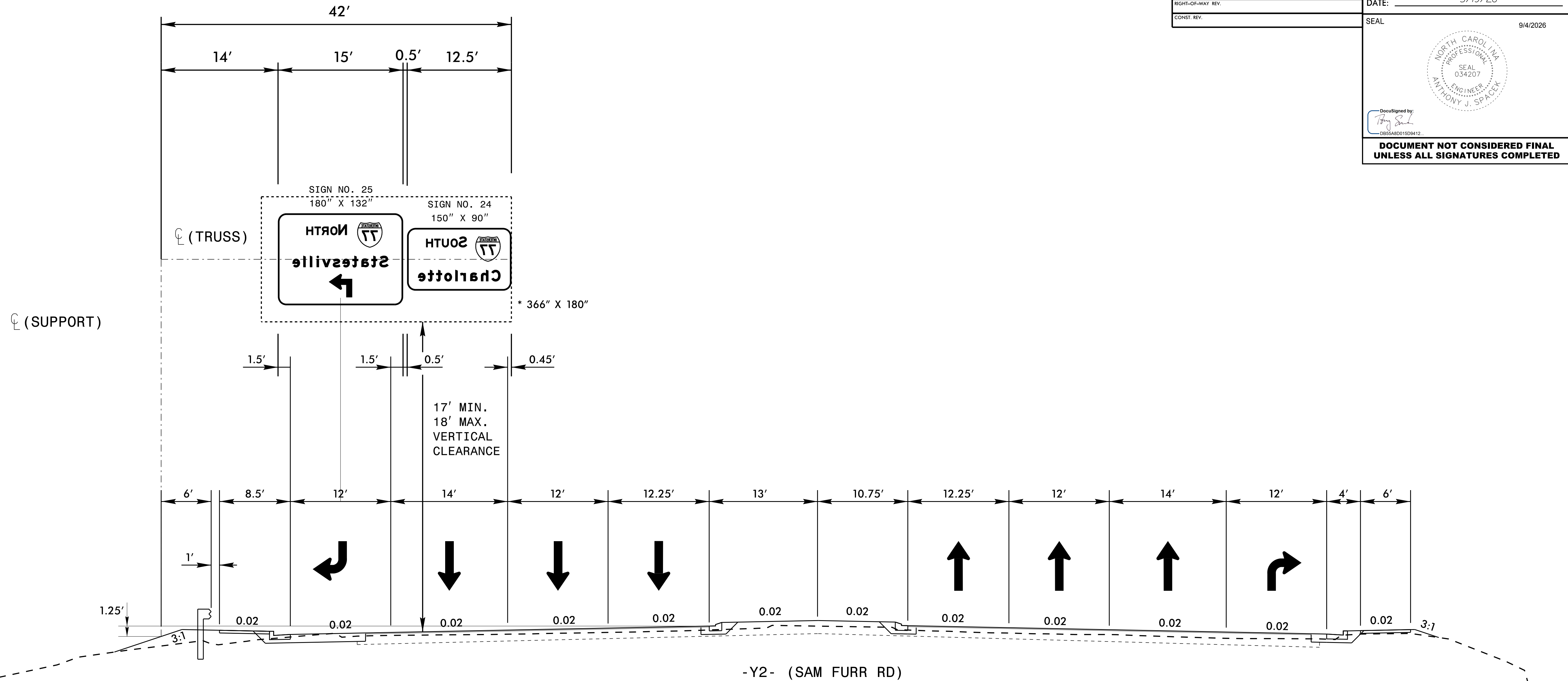


- NOTES:
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
 - MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
 - FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, 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.

STRUCTURE NUMBER: 591739
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "K"
-Y2- (SAM FURR RD)
-Y2- STA 28+50



1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. 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.
4. 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.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

STRUCTURE NUMBER: 591740

NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "L"
-Y2- (SAM FURR RD)
-Y2- STA 37+50

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3M

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

DocuSigned by:

Anthony J. Spack

034207

ENGINEER

ANTHONY J. SPACK

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

NOTES:

- IF THE 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.

STRUCTURE NUMBER: 591741
NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "M"
-Y2RPB- (SOUTHBOUND OFF RAMP)
-Y2RPB- STA 19+82

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-3N

APPROVED:

AJS

DATE:

5/19/28

SEAL

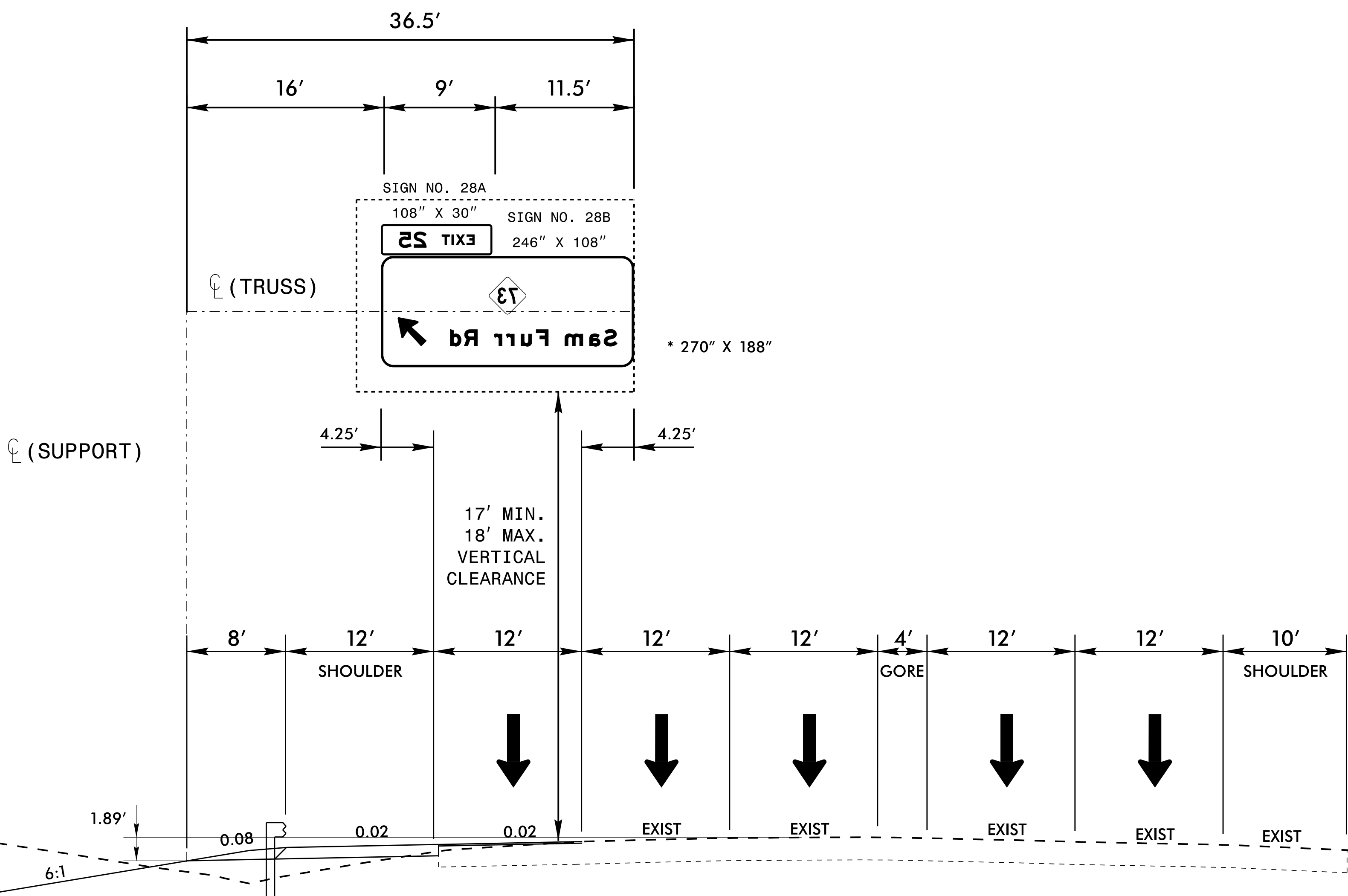
9/4/2026



DocuSigned by

DB55A8D015D

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



-L3SB- (I-77)

NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. 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.
4. 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.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

STRUCTURE NUMBER: 591742

NOTE: INCLUDE STRUCTURE NUMBER
ON ALL FABRICATION DRAWINGS

* 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.

OVERHEAD ASSEMBLY "N"
-L3SB- (I-77)
-Y2RPB- STA 10+60

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

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV

INST. REV.

PROJECT REFERENCE NO.

SHEET NO.

1-5715

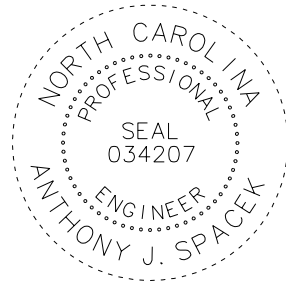
SIGN-4B

APPROVED: _____ AJS

DATE: 5/19/26

SEAL

9/4/2026



DocuSigned by

DB55A8D015D941

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

SIGN NUMBER: 2D, 5D 10D		BACKGROUND COLOR: White		DESIGN BY: EAB		CHECKED BY: TS		Mar 25, 2026																																																		
TYPE: A		COPY COLOR: Black		PROJECT ID: I-5715		LOCATION: -L3NB- 803+55, -L3NB- 835+61, -L3NB- 872+25		DIV: 10																																																		
QUANTITY: 3		<table><thead><tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		SYMBOL	X	Y	WID	HT																																																		
SYMBOL	X	Y	WID	HT																																																						
SIGN WIDTH: 18'-0"				18'-0" 3'-0" 0.75" 1.25" 3" 2 AXLES ONLY 38.3" 139.4" 38.3" BORDER R=3" TH=1.25" IN=0.75"																																																						
HEIGHT: 3'-0"																																																										
TOTAL AREA: 54.0 Sq.Ft.																																																										
BORDER TYPE: RECESS																																																										
RECESS: 0.75"																																																										
WIDTH: 1.25"																																																										
RADIUS: 3"																																																										
NO. Z BARS: 2		MAT'L: 0.125" (3.2 mm) ALUMINUM																																																								
LENGTH: 208.0																																																										
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.																																																										

Letter positions															Series/Size Text Length																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Letter spacings are to start of next letter																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
38.3	9.7	12	13.6	12.8	11	10.7	9.7	12	12.8	12.8	10	12.2	38.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

FILENAME: Guildsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3A TYPE: B QUANTITY: 1 SIGN WIDTH: 9'-6" HEIGHT: 2'-6" TOTAL AREA: 23.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 3" NO. Z BARS: 2 LENGTH: 106.0	BACKGROUND COLOR: Green COPY COLOR: White	DESIGN BY: EAB PROJECT ID: I-5715	CHECKED BY: TS LOCATION: -L3NB- 803+55
--	--	--------------------------------------	---

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) 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.

Diagram showing sign dimensions and spacing factor. The sign is green with white text 'EXIT 23'. Dimensions include overall width (9'-6"), overall height (2'-6"), sign width (20.3"), sign height (7.4"), border width (2.0"), and border height (1.0"). The spacing factor is 1.0.

[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAILS

SIGN NUMBER: 1B	BACKGROUND COLOR: Green	DESIGN BY: EAB	CHECKED BY: TS
TYPE: A	COPY COLOR: White	PROJECT ID: I-5715	LOCATION: -L3NB- 803+55

QUANTITY: 1

SIGN WIDTH: 16'-6"

HEIGHT: 9'-6"

TOTAL AREA: 156.8 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

NO. Z BARS: 3

LENGTH: 190.0

SYMBOL	X	Y	WID	HT
AR_Type A	81.1	6.6	20	31.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

Feb 10, 2026

DIV: 10

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 with Grade A reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum black non-reflective sheeting and demountable. Yellow panel is: 198" X 36"

Spacing Factor is 1 unless specified otherwise

[illegible]

FILENAME: Guildsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4 TYPE: A QUANTITY: 1 SIGN WIDTH: 18'-0" HEIGHT: 15'-0" TOTAL AREA: 270.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 6 LENGTH: 208.0	BACKG COLOR: Green COPY COLOR: White <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>M1-5-2-36-15C</td> <td>90</td> <td>94</td> <td>36</td> <td>36</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	M1-5-2-36-15C	90	94	36	36																																														DESIGN BY: EAB PROJECT ID: I-5715 CHECKED BY: TS LOCATION: -L3NB- 835+61 Feb 10, 2026 DIV: 10
SYMBOL	X	Y	WID	HT																																																					
M1-5-2-36-15C	90	94	36	36																																																					

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 with Grade A reflective sheeting and demountable.

18'-0"

15'-0"

13"

12"E

11"

12"

36"

12"

16"EM

12"

16"EM

14"

10"E

14.01"

11.5"

16.99"

178.1"

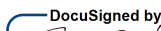
BORDER
R=12"
TH=2"

Spacing Factor is 1 unless specified otherwise

[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAILS



Spacing Factor is 1 unless specified otherwise

FILENAME: Guildsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Spacing Factor is 1 unless specified otherwise

FILENAME: Guildsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

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

Spacing Factor is 1 unless specified otherwise

Spacing Factor is 1 unless specified otherwise

Spacing Factor is 1 unless specified otherwise

Spacing Factor is 1 unless specified otherwise

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

DocuSigned by:
781

[illegible]

Diagram of a green rectangular highway sign with white text and a red and blue interstate shield. The sign reads "TO 77 NORTH" and "LEFT LANE". Dimensions are provided for the sign and its border.

Overall dimensions: 13'-6" (width) x 20'-5" (height).

Sign dimensions: 138.5" (width) x 117.85" (height).

Border dimensions: 1.85" (left), 1.85" (right), 10.2" (top), 9.75" (bottom).

Text dimensions: 18.5" (TO), 12" (77), 10" (NORTH), 27.75" (LEFT), 9.75" (LANE).

Sign content: TO 77 NORTH, LEFT LANE.

Diagram of a green rectangular highway sign with white text and a shield. The sign reads "TO 21 NORTH" and "RIGHT LANE". Dimensions are provided for the sign and its components:

- Overall width: 14'-0"
- Overall height: 7'-0"
- Top left corner: 21.7" (horizontal), 13.5" (vertical)
- Top right corner: 21.75" (horizontal), 23.75" (vertical)
- Left side: 12" (vertical), 50.3" (vertical)
- Right side: 10" (vertical), 50.25" (vertical)
- Bottom left corner: 2.75" (horizontal), 12.5" (vertical)
- Bottom right corner: 2.75" (horizontal), 12.5" (vertical)
- Bottom center: 138.5" (horizontal)
- Text "TO 21 NORTH" is positioned in the upper half, with "21" inside a white shield.
- Text "RIGHT LANE" is positioned in the lower half.
- Border: R=9", TH=2"

K:\CHL_PR\NOI036264 - I-57\57TrafficSigning\CADD\Signing Layout Plans\Plan Sheets\I-57\5_rdy_sgn_4H.dgn

8/3/2026

Kimley»Horn

© 2025

200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-4H

APPROVED:

AJS

DATE:

5/19/26

SEAL

9/4/2026

NORTH CAROLINA PROFESSIONAL SEAL 034207 ENGINEER

ANTHONY J. SPACK

DocuSigned by:

Anthony J. Spack

0B55A8D015D9412

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 21

TYPE: A

QUANTITY: 1

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	39.4	90	36	36
AR90L1	18	12.4	33.3	33.3
AR90L1	146.7	12.4	33.3	33.3

SIGN WIDTH: 16'-6"

HEIGHT: 11'-6"

TOTAL AREA: 189.8 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

NO. Z BARS: 3

LENGTH: 190.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB

CHECKED BY: TS

PROJECT ID: I-5715

LOCATION: -Y2- 28+50

Mar 25, 2026

DIV: 10

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 with Grade A reflective sheeting and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter																									Series/Size	
		N		O	R	T	H																			Text Length
		87.4	9.7	2.1	10.7	9.2	9.2	8.1	61.6																	E 2000
			S	t	a	t	e	s	v	i	i	i	e													49
		30	16.3	12	15.4	12	13.8	13.8	17	9.6	9.6	8.2	10.6	29.9												EM 2000
																										138.1

FILENAME: Guidesign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 22

TYPE: A

QUANTITY: 1

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-2-24-100	134.6	75.3	36	36
ARDOWN	20	13.3	32.1	22
ARDOWN	176	13.3	32.1	22
ARDOWN	326	13.3	32.1	22

SIGN WIDTH: 31'-6"

HEIGHT: 10'-6"

TOTAL AREA: 330.8 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

NO. Z BARS: 3

LENGTH: 370.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB

CHECKED BY: TS

PROJECT ID: I-5715

LOCATION: -Y2- 28+50

May 07, 2026

DIV: 10

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 with Grade A reflective sheeting and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter																									Series/Size	
		W		E	S	T																				Text Length
		182.6	12.7	1.4	8.9	9.2	7.5	155.7																		E 2000
			L	a	k	e		N	o	r	m	a	n													39.7
		108.9	13.9	17	14.1	10.6	16	17	15.8	11.8	22.6	17	10.6	102.9												EM 2000
																										166.2

FILENAME: Guidesign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 23

TYPE: A

QUANTITY: 2

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	18.7	93	36	36
AR90R1	104	19.7	33.3	33.3

SIGN WIDTH: 13'-0"

HEIGHT: 12'-0"

TOTAL AREA: 156.0 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

NO. Z BARS: 3

LENGTH: 148.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB

CHECKED BY: TS

PROJECT ID: I-5715

LOCATION: -Y2- 28+50

Feb 10, 2026

DIV: 10

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 with Grade A reflective sheeting and demountable.

4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is: 54" X 18"

LETTER POSITIONS

Letter spacings are to start of next letter																									Series/Size	
		S		O	U	T	H																			Text Length
		69.9	9.7	1.5	10.7	9.8	9.2	8.1	37.1																	E 2000
			C	h	a	r	i	o	t	t	e															49
		18.7	17.4	15.5	17	11.8	8.2	14.2	11.8	12	10.6	18.7														EM 2000
			O	N	L	Y																				118.6
		25.4	11.2	11	8.2	10.3	89.9																			D 2000
																										40.7

FILENAME: Guidesign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 24

TYPE: A

QUANTITY: 1

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	15.7	41.8	36	36

SIGN WIDTH: 12'-6"

HEIGHT: 7'-6"

TOTAL AREA: 93.8 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

NO. Z BARS: 3

LENGTH: 142.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB

CHECKED BY: TS

PROJECT ID: I-5715

LOCATION: -Y2- 37+50

Mar 25, 2026

DIV: 10

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 with Grade A reflective sheeting and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter																									Series/Size	
		S		O	U	T	H																			Text Length
		63.7	12.2	1.5	12.8	11.8	11	9.7	27.3																	E 2000
			C	h	a	r	i	o	t	t	e															59
		15.7	17.4	15.5	17	11.8	8.2	14.2	11.8	12	10.6	15.7														EM 2000
																										118.6

FILENAME: Guidesign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

[illegible]

[illegible]

DATE: 5/19/26

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

Figure 10.10 shows the dimensions for a rectangular sign. The sign is green with white text and graphics. It features the text "Northcross Drive" on the left, a white arrow pointing right in the center, and a white shield with the number "21" on the right. Dimensions are provided for the sign's overall size, mounting hardware, and spacing. The sign is 10'-6" wide and 7'-0" high. Mounting hardware dimensions include 12" for the top and bottom, 6" for the sides, and 9.05" for the bottom. Spacing dimensions include 107.9" for the main body, 9.05" for the sides, and 18" for the right side. A note specifies "BORDER R=3" TH=0.75".

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Diagram of a rectangular traffic sign with dimensions and content:

- Overall Dimensions:** 7'-0" wide by 8'-0" high.
- Internal Dimensions (from top-left corner):**
 - 4.5' to the first vertical line.
 - 7.5' to the top of the sign face.
 - 6.2' to the top of the sign face.
 - 18" to the top of the sign face.
 - 4" to the top of the sign face.
 - 6'0" to the top of the sign face.
 - 7'0" to the top of the sign face.
 - 37.7' to the bottom of the sign face.
 - 7.7' to the bottom of the sign face.
- Sign Content:**
 - Top: "NORTH" in white.
 - Below "NORTH": "I-77" shield with "77" in red and "I-77" in blue.
 - Below shield: "Statesville" in white.
 - Bottom center: White arrow pointing up and then right.
 - Bottom right: "T0" in white.
 - Bottom right: "21" in white on a blue background.
- Other Dimensions:**
 - Right side: 48.35' to the top of the sign face, 6" to the top of the sign face, 6" to the top of the sign face, 18" to the bottom of the sign face, 17.65' to the bottom of the sign face.
 - Bottom: 11' to the left of the sign face, 65" to the right of the sign face, 8" to the right of the sign face.
- Border:** BORDER R=9" TH=0.75"

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Diagram of a rectangular road sign with dimensions and content:

- Dimensions:**
 - Overall width: 8'-6"
 - Overall height: 7'-6"
 - Top section height: 18"
 - Bottom section height: 37.7"
 - Left side margin: 6.6"
 - Right side margin: 39.36"
 - Bottom section width: 87.1"
 - Left side margin (bottom): 7.45"
 - Right side margin (bottom): 7.45"
 - Bottom section height (left): 8.8"
 - Bottom section height (right): 8.64"
 - Bottom section height (center): 18"
 - Bottom section height (right): 4.5"
 - Bottom section height (right): 38.64"
- Content:**
 - Top section: 73 (diamond shape)
 - Text: Sam Furr Rd
 - Graphic: White arrow pointing up and right
 - Graphic: North 77 Interstate shield
 - Text: Statesville
- Additional Information:**
 - BORDER R=9"
 - TH=0.75"

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Diagram of a rectangular traffic sign with the following dimensions and content:

- Overall width: 7'-6"
- Overall height: 3'-6"
- Sign face width: 78.9"
- Sign face height: 6.78"
- Top border: 7.4"
- Left border: 18"
- Right border: 6.78"
- Bottom border: 6.6"
- Text on sign: "73" (in a diamond shape), "Sam Furr Rd", and a right-turn arrow.
- Border R=3"
- TH=0.75"

FILENAME: Guidsign_Design File

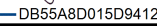
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN-4L

AJS

5/19/26

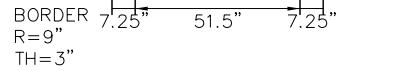
9/4/2026



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

LENGTH: 58.

DIV: 10



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

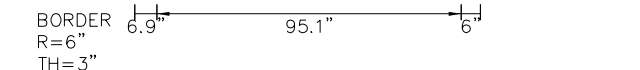
[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

LENGTH: 100.

DIV: 10



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

LENGTH: 100.

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

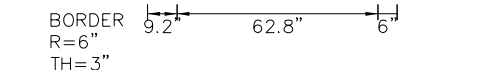
[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

LENGTH: 70.0

DIV: 10



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

[illegible]

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

K:\CHL_PR\NOI036264 - I-57/57T Traffic Signing\CADD\Signing Layout Plans\Plan Sheets\I-57/5_rdy_sgn_4M.dgn

8/3/2026

SIGN NUMBER: 300
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type D 6.5 19.1 6 9
AR_Type D 52.5 5 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715
CHECKED BY: TS
LOCATION: -Y2RPD- 50+56
Feb 10, 2026
DIV: 10

USE NOTES: 1,2
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.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
D 2000 50.3
D 2000 29.2
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: Guidesign_Design File

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 3'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type D 6.1 22.5 6 9
AR_Type D 44.9 5.9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715
CHECKED BY: TS
LOCATION: -Y2- 20+40
Feb 17, 2026
DIV: 10

USE NOTES: 1,2
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.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
D 2000 35.9
D 2000 32.1
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: Guidesign_Design File

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 2'-6"
TOTAL AREA: 21.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type D 85.5 12 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715
CHECKED BY: TS
LOCATION: -Y2RPB- 28+65
Mar 26, 2026
DIV: 10

USE NOTES: 1,2
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.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
D 2000 72.4
D 2000 34
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: Guidesign_Design File

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type D 16.5 19.1 6 9
AR_Type D 62.5 4.9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715
CHECKED BY: TS
LOCATION: -Y2RPB- 27+65
Feb 10, 2026
DIV: 10

USE NOTES: 1,2
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.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
D 2000 29.2
D 2000 50.3
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: Guidesign_Design File

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-4M

APPROVED: AJS

DATE: 5/19/26

SEAL

9/4/2026



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

K:\CHL_PR\NOI036264 - I-57/57N Traffic Signing\CADD\Signing Layout Plans\Plan Sheets\I-57/5_rdy_sgn_4W.dgn

8/3/2026

SIGN NUMBER: 304
TYPE: D
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SIGN WIDTH: 5'-6"
HEIGHT: 3'-0"
TOTAL AREA: 16.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT
AR_Type D	7.2	22.5	6	9
AR_Type D	49.8	6	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715

CHECKED BY: TS
LOCATION: -Y2- 38+41

Mar 26, 2026
DIV: 10

Diagram showing sign layout with dimensions: 5'-6" width, 3'-0" height. Border dimensions: 7.2" top/bottom, 11.2" left, 16.95" right. R=3", TH=0.75".

USE NOTES: 1,2

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.

Letter positions table with letter spacings for 'Charlotte Statesville'.

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 415
TYPE: E
QUANTITY: 1

BACKG COLOR: White
COPY COLOR: Black

SIGN WIDTH: 3'-0"
HEIGHT: 3'-0"
TOTAL AREA: 9.0 Sq.Ft.

BORDER TYPE: RECESS
RECESS: 0.63"
WIDTH: 0.88"
RADII: 2.25"

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT
AR_RIGHT_ONLY	24	8.4	9.3	12.2
AR_ROUNDABOUT	5.5	4.8	8.9	28.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715

CHECKED BY: TS
LOCATION: -Y4- 13+75

Jun 11, 2026
DIV: 10

Diagram showing sign layout with dimensions: 3'-0" width, 3'-0" height. Border dimensions: 2.8" top/bottom, 4.7" left, 15.49" right. R=2.25", TH=0.88", IN=0.63".

USE NOTES: 1,2

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.

Letter positions table with letter spacings for 'ONLY'.

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 421
TYPE: E
QUANTITY: 1

BACKG COLOR: White
COPY COLOR: Black

SIGN WIDTH: 6'-6"
HEIGHT: 3'-0"
TOTAL AREA: 19.5 Sq.Ft.

BORDER TYPE: RECESS
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT
AR_LEFT_ONLY	4.9	11.9	12.2	14.2
AR_THRU_LEFT	42	11.9	12.2	14.2
AR_RIGHT_ONLY	60.8	11.9	12.2	14.2
AR_RIGHT_ONLY	19.8	3.5	15.5	28.1

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715

CHECKED BY: TS
LOCATION: -Y2RPD- 50+23

Jun 09, 2026
DIV: 10

Diagram showing sign layout with dimensions: 6'-6" width, 3'-0" height. Border dimensions: 19.1" top/bottom, 14.2" left, 28.1" right. R=3", TH=1.25", IN=0.75".

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.

Letter positions table with letter spacings for 'ONLY'.

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 900
TYPE: A
QUANTITY: 1

BACKG COLOR: BLUE
COPY COLOR: White

SIGN WIDTH: 2'-4"
HEIGHT: 1'-3"
TOTAL AREA: 2.9 Sq.Ft.

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

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: EAB
PROJECT ID: I-5715

CHECKED BY: TS
LOCATION: -L3NB- 861+35

Mar 27, 2026
DIV: 10

Diagram showing sign layout with dimensions: 2'-4" width, 1'-3" height. Border dimensions: 15'-0" top/bottom, 7.5" left, 25.9" right. R=3", TH=0.75", IN=0.63".

USE NOTES: 1,2

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.

Letter positions table with letter spacings for 'FOOD - EXIT 25'.

Spacing Factor is 1 unless specified otherwise

FILENAME: Guidsign_Design File

NORTH CAROLINA D.O.T. SIGN DETAIL

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

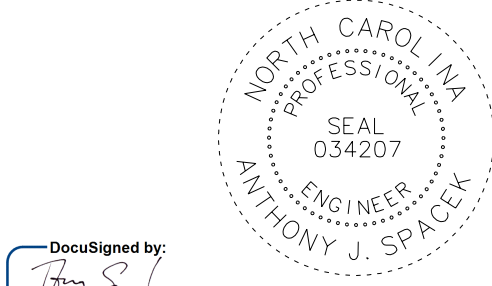
SIGN-4N

APPROVED: AJS

DATE: 5/19/26

SEAL

9/4/2026

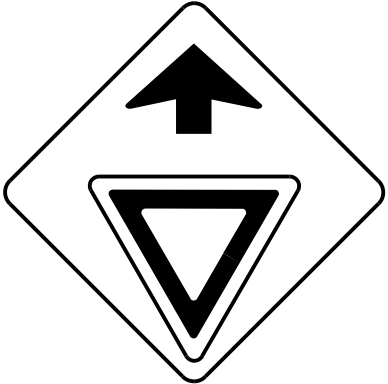
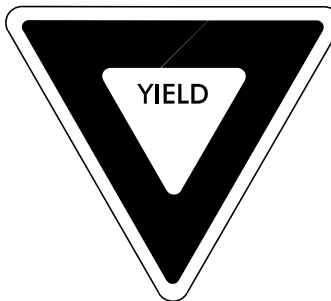
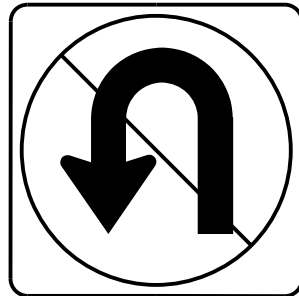
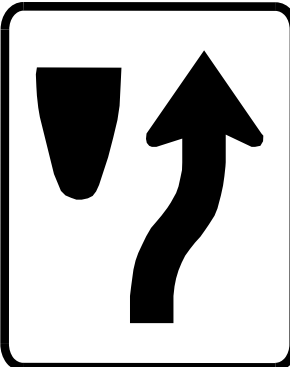
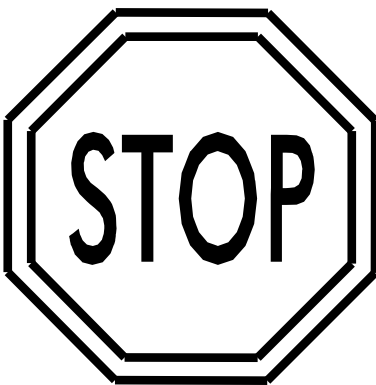
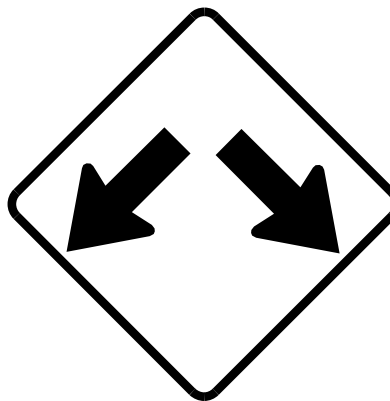
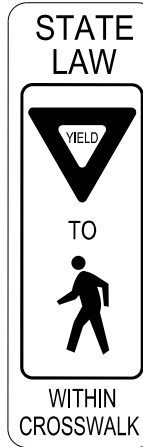
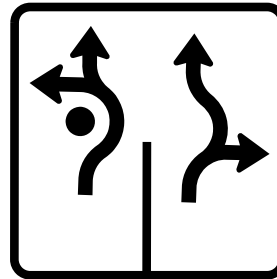
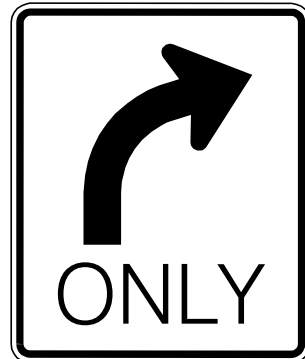
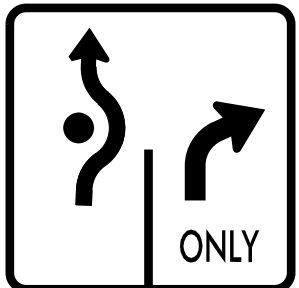
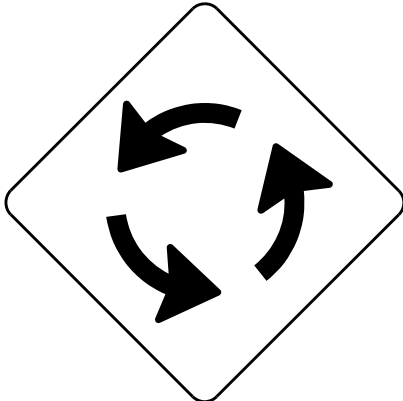
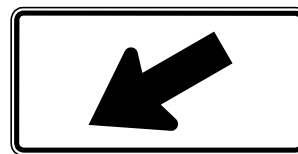
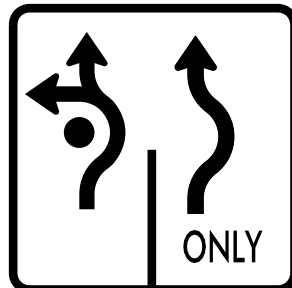
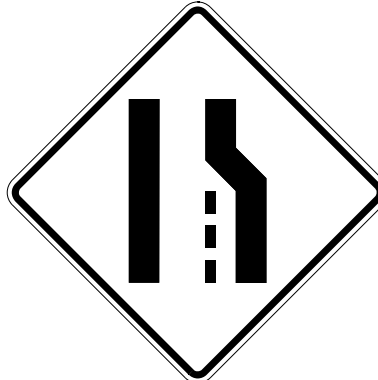
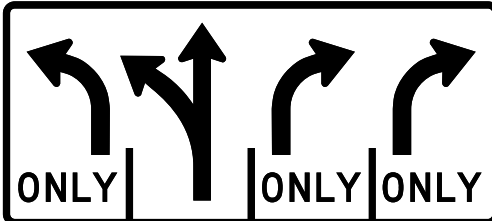
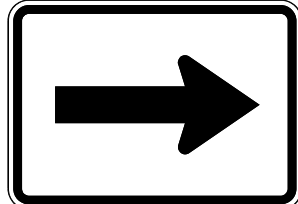
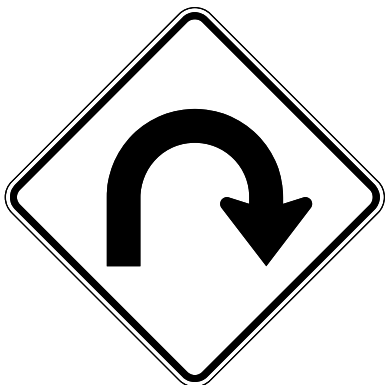
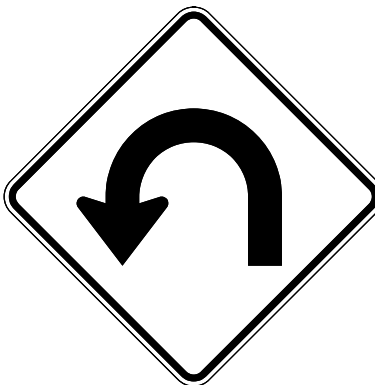


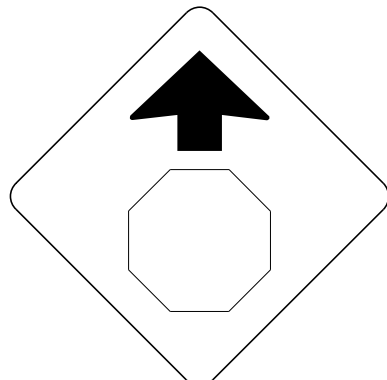
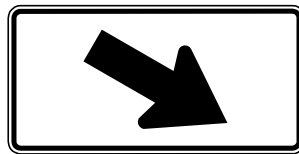
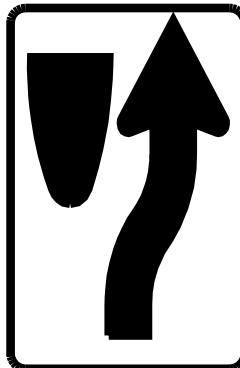
DocuSigned by:

Anthony J. Spacke

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

[illegible]

401 QUANTITY REQ'D 16  24" X 30" R8-3A ONE "U" POST PER SIGN	402 QUANTITY REQ'D 4  36" X 36" W3-2 ONE "U" POST PER SIGN	403 QUANTITY REQ'D 13  36" X 24" R5-1A ONE "U" POST PER SIGN MOUNT BACK TO BACK AT -Y2- STA 21+42 MOUNT ON BACK SIDE OF SIGN 401 AT -Y2RPB- STA 21+91	404 QUANTITY REQ'D 13  36" X 36" R5-1 ONE "U" POST PER SIGN	405 QUANTITY REQ'D 8  36" X 36" X 36" R1-2 MOUNT ABOVE 416	406 QUANTITY REQ'D 4  24" X 24" R3-4 MOUNT ON BACK SIDE OF SIGN 407 AT -Y1- STA. 27+80 -Y2- STA. 34+96	PROJECT REFERENCE NO. 1-5715 SHEET NO. SIGN-5A APPROVED: AJS DATE: 5/19/26 SEAL 9/4/2026 DocuSigned by Anthony J. Spacek 034207 ENGINEER ANTHONY J. SPACEK DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
407 QUANTITY REQ'D 8  24" X 30" R4-7 ONE "U" POST PER SIGN	408 QUANTITY REQ'D 4  36" X 36" R1-1 ONE "U" POST PER SIGN	409 QUANTITY REQ'D 2  24" X 30" R2-1 ONE "U" POST PER SIGN	410 QUANTITY REQ'D 4  30" X 30" W12-1 ONE "U" POST PER SIGN	411 QUANTITY REQ'D 8  12" X 36" R1-6 ONE "U" POST PER 2 SIGNS; MOUNT BACK TO BACK	412 QUANTITY REQ'D 1  36" X 36" R3-8 ONE "U" POST PER SIGN	413 QUANTITY REQ'D 1  30" X 36" R3-5R ONE "U" POST PER SIGN
414 QUANTITY REQ'D 13  36" X 12" R6-1R MOUNT ABOVE SIGN 408 AT -Y2- STA 20+05 AND -Y5- STA 10+30AT TWO "U" POSTS PER SIGN	415 QUANTITY REQ'D 1  36" X 36" R3-8 ONE "U" POST PER SIGN	416 QUANTITY REQ'D 16  30" X 30" W2-6 ONE "U" POST PER SIGN	417 QUANTITY REQ'D 7  30" X 30" W11-2 ONE "U" POST PER SIGN	418 QUANTITY REQ'D 6  24" X 12" W16-7PR MOUNT BELOW SIGN 417	419 QUANTITY REQ'D 1  36" X 36" R3-8 ONE "U" POST PER SIGN	420 QUANTITY REQ'D 1  30" X 30" W4-2R ONE "U" POST PER SIGN
421 QUANTITY REQ'D 1  78" X 36" R3-8 TWO "U" POST PER SIGN	422 QUANTITY REQ'D 1  30" X 30" R1-5L ONE "U" POST PER SIGN	423 QUANTITY REQ'D 1  24" X 30" R2-1 ONE "U" POST PER SIGN	424 QUANTITY REQ'D 1  36" X 12" R6-1L ONE "U" POST PER SIGN	425 QUANTITY REQ'D 2  21" X 15" M6-1 MOUNT BELOW SIGN 426	426 QUANTITY REQ'D 2  24" X 24" D9-13 MOUNT BELOW SIGN 427	427 QUANTITY REQ'D 2  24" X 18" D9-13cP ONE "U" POST PER SIGN
428 QUANTITY REQ'D 1  24" X 24" EM-1 MOUNT BELOW 503	429 QUANTITY REQ'D 1  30" X 30" W9-1 ONE "U" POST PER SIGN	430 QUANTITY REQ'D 1  24" X 30" R2-1 ONE "U" POST PER SIGN	431 QUANTITY REQ'D 1  30" X 30" W1-11R ONE "U" POST PER SIGN	432 QUANTITY REQ'D 1  30" X 30" W1-11L ONE "U" POST PER SIGN	TYPE "E" SIGNS	

433 QUANTITY REQ'D 1  36" X 36" W3-1 ONE "U" POST PER SIGN	434 QUANTITY REQ'D 1  24" X 12" W16-7PL MOUNT BELOW SIGN 417	435 QUANTITY REQ'D 1  24" X 24" R3-1 ONE "U" POST PER SIGN	436 QUANTITY REQ'D 1  18" X 30" R4-7c ONE "U" POST PER SIGN				PROJECT REFERENCE NO. I-57/5 SHEET NO. SIGN-5B APPROVED: AJS DATE: 5/19/26 SEAL DocuSigned by: Anthony J. Spacek 034207 9/4/2026 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
						</	

TYPE "F" SIGNS

MILEMARKERS

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

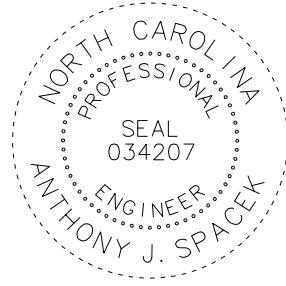
SIGN-6

APPROVED: AJS

DATE: 5/19/26

SEAL

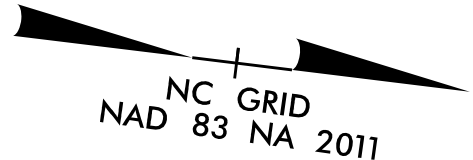
9/4/2026



DocuSigned by:

DocuSign Envelope ID: 06C6A8D615D8412

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



K:\CHL_PR\N\I036264 - I-5715\Traffic\Signing\CADD\Signing Layout\Plans\Plan Sheets\Existing Plan Sheets\I-5715_rdy_sgn.dgn

8/3/2026

RETAIN

LEFT

RETAIN

EXPRESS LANES ENTRANCE

1 MILE

2 AXLES ONLY

LOCAL EXITS

24 Harris Blvd

1 MILE

RETAIN

SOUTH

1 MILE

22

2

I-77 SB

I-77 NB

I-77 SB ON-RAMP

RETAIN

MATCHLINE -L- STA 810+50 (SHEET SIGN-7)

I-77 NB OFF-RAMP

EXIT

23

RETAIN

EXIT

Huntersville
Gilead Rd

ONLY

EXIT

23

SEE PROJECT NOTE 4

RETAIN

NORTH

1 MILE

22

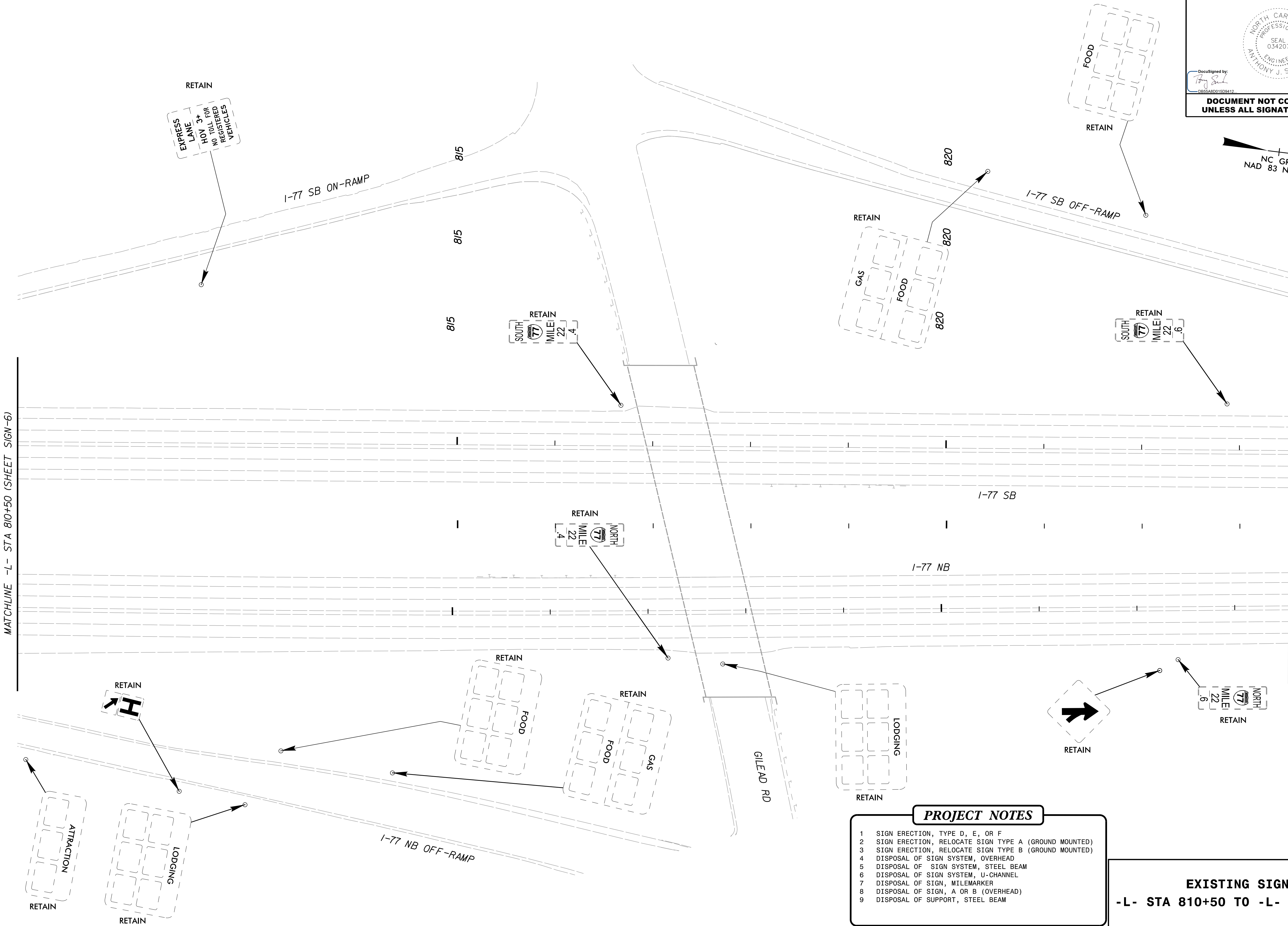
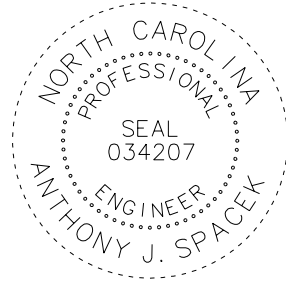
2

PROJECT NOTES

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

EXISTING SIGNS

-L- STA 796+00 TO -L- STA 810+50



PROJECT NOTES

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

EXISTING SIGNS

-L- STA 810+50 TO -L- STA 823+50

K:\CHL_PR\N\1036264 - I-57/57N\Traffic\Signing\CADD\Signing Layout Plans\Plan Sheets\Existing Plan Sheets\I-57/5_rdy_sgn_8.dgn

8/3/2026

Kimley»Horn
© 2026
200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.
I-57/5

SHEET NO.
SIGN-8

APPROVED: AJS

DATE: 5/19/26

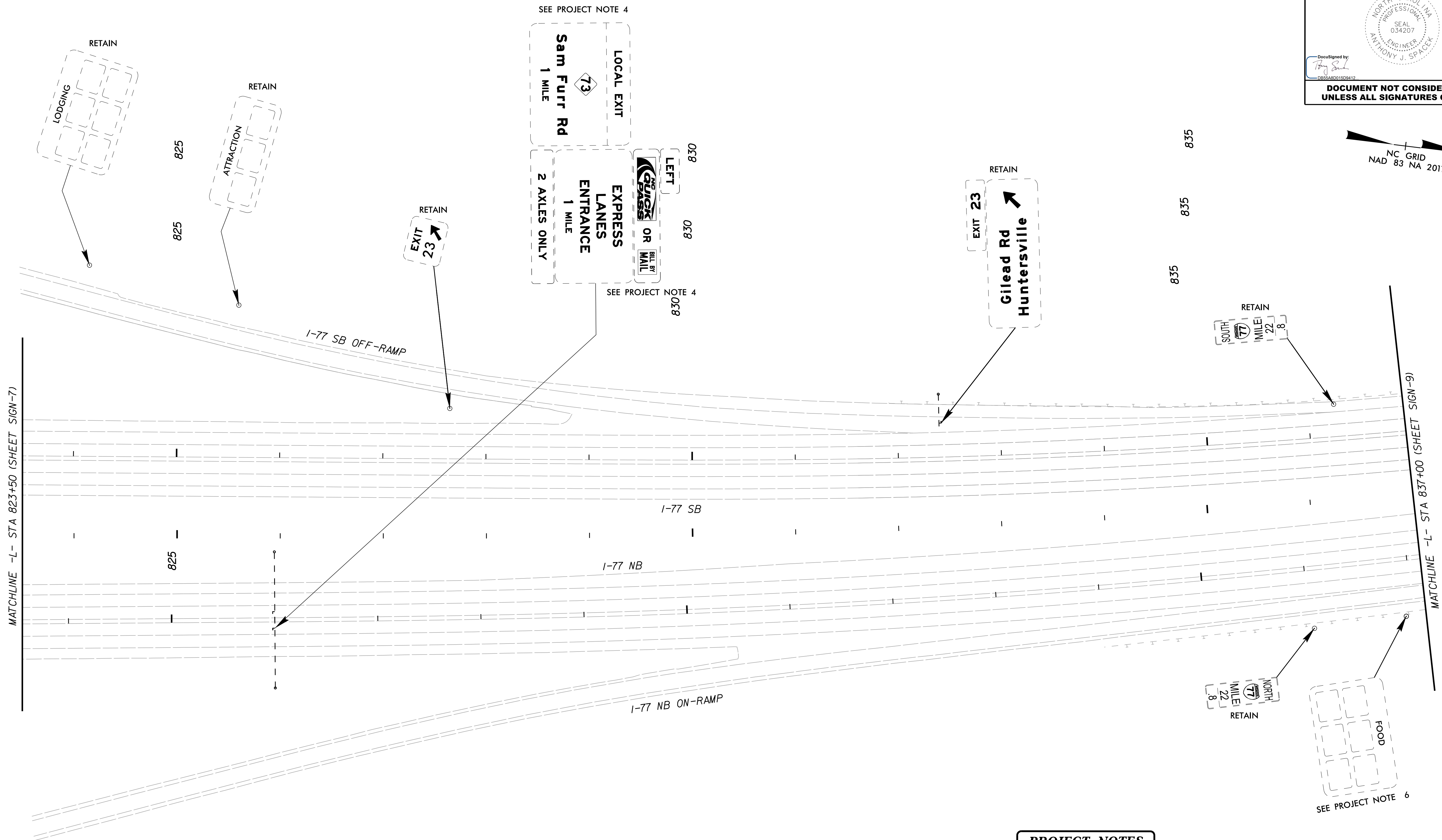
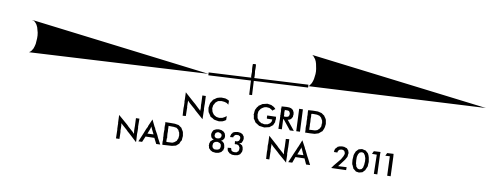
SEAL

9/4/2026

NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
034207
ANTHONY J. SPACK

DocuSigned by:
Anthony J. Spack
D6C6A8D615D6412

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



- PROJECT NOTES**
- SIGN ERECTION, TYPE D, E, OR F
 - SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
 - SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
 - DISPOSAL OF SIGN SYSTEM, OVERHEAD
 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM
 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - DISPOSAL OF SIGN, MILEMARKER
 - DISPOSAL OF SIGN, A OR B (OVERHEAD)
 - DISPOSAL OF SUPPORT, STEEL BEAM

EXISTING SIGNS
-L- STA 823+50 TO -L- STA 837+00

K:\CHL_PR\NOI036264 - I-57/57Traffic\Signing\CADD\Signing Layout\Plans\Plan Sheets\Existing Plan Sheets\I-57/57_rdy_sgn_9.dgn

8/3/2026

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-57/5

SHEET NO.

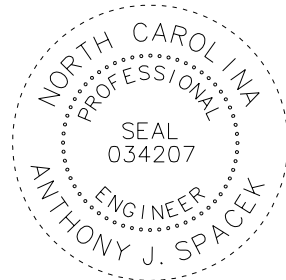
SIGN-9

APPROVED: AJS

DATE: 5/19/26

SEAL

9/4/2026

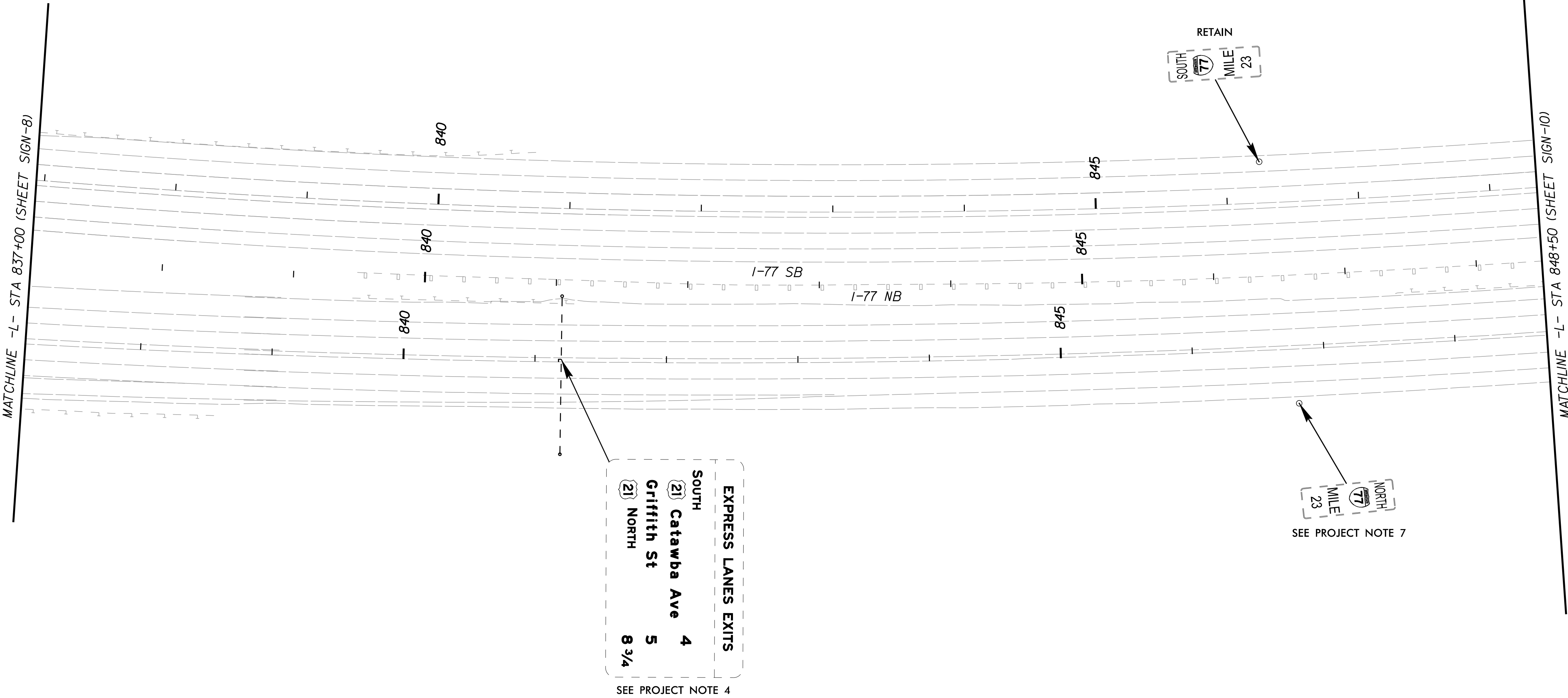


DocuSigned by:

DPGASB015009412

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NC GRID
NAD 83 NA 2011

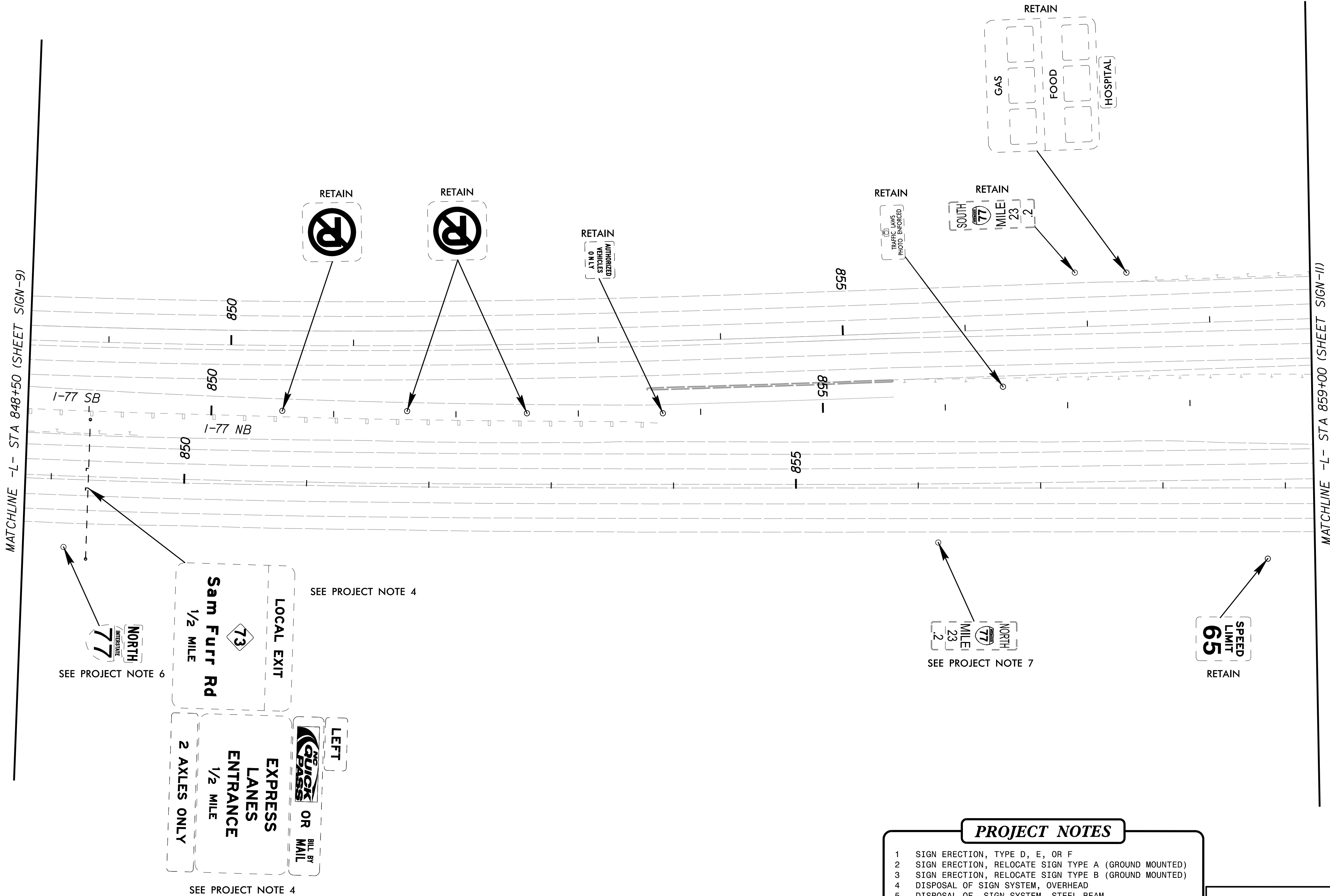
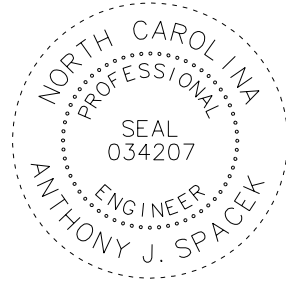


PROJECT NOTES

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

EXISTING SIGNS

-L- STA 838+00 TO -L- STA 848+50



PROJECT NOTES

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

EXISTING SIGNS

-L- STA 848+50 TO -L- STA 859+00

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

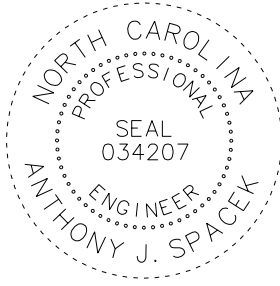
SIGN-11

APPROVED: AJS

DATE: 5/19/26

SEAL

9/4/2026



DocuSigned by:

DocuSign Envelope ID: 0661506412

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NAD NC GRID NA 2011

MATCHLINE -L- STA 859+00 (SHEET SIGN-10)

MATCHLINE -L- STA 870+00 (SHEET SIGN-12)

EXPRESS LANES

TOLLS

SOUTH

Catawba Ave

Griffith St

BILL BY MAIL

TOLLS HIGHER

SEE PROJECT NOTE 4

RETAIN

EXIT 23

Gilead Rd

Huntersville

1/2 MILE

RETAIN

RETAIN

RETAIN

SOUTH

MILE 23.4

FOOD

RETAIN

RETAIN

NORTH

MILE 23.4

RETAIN

2140

PROJECT NOTES

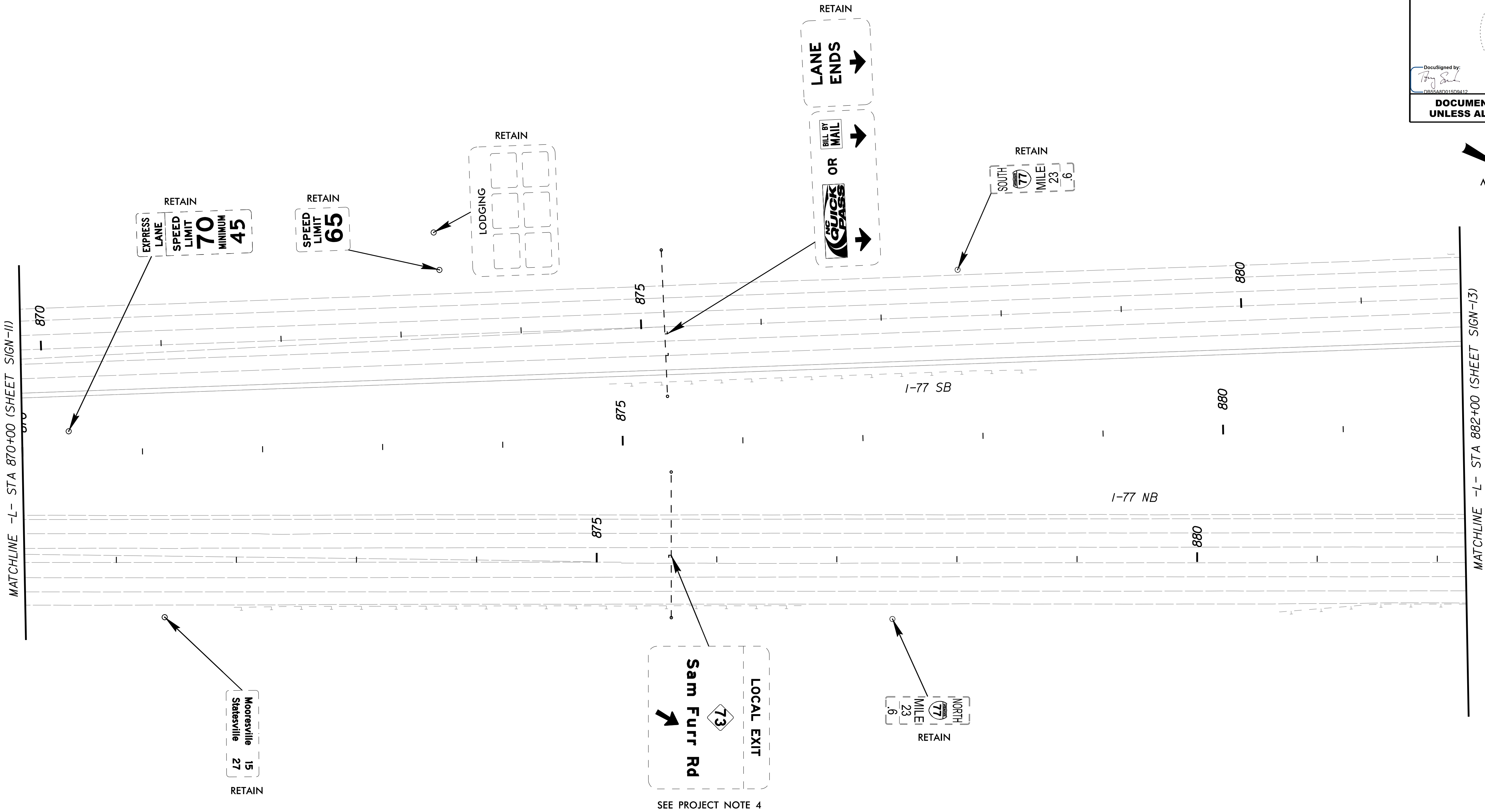
- SIGN ERECTION, TYPE D, E, OR F
- SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
- SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- DISPOSAL OF SIGN SYSTEM, OVERHEAD
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN, MILEMARKER
- DISPOSAL OF SIGN,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

EXISTING SIGNS

-L- STA 859+00 TO -L- STA 870+00

K:\CHL_PR\NOI036264 - I-57/57Traffic\Signing\CADD\Signing Layout\Plans\Plan Sheets\Existing Plan Sheets\I-5715_rdy_sgn_12.dgn

8/3/2026



Kimley»Horn
© 2025

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-12

APPROVED: AJS

DATE: 5/19/26

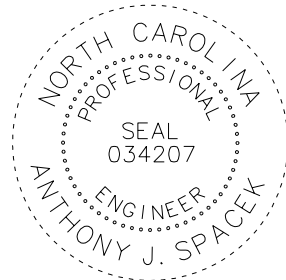
SEAL

9/4/2026

DocuSigned by:

DPK638D15D9M12

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



NC GRID
NAD 83 NA 2011

PROJECT NOTES

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

EXISTING SIGNS

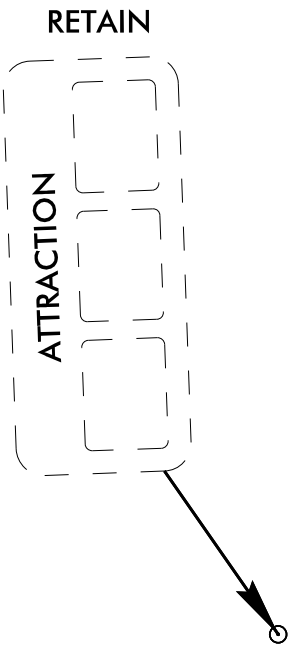
-L- STA 870+00 TO -L- STA 882+00

K:\CHL_PR\NOI036264 - I-57/57Traffic\Signing\CADD\Signing Layout Plans\Plan Sheets\Existing Plan Sheets\I-5715_rdy_sgn_13.dgn

8/3/2026

MATCHLINE -L- STA 882+00 (SHEET SIGN-12)

MATCHLINE -L- STA 894+00 (SHEET SIGN-14)



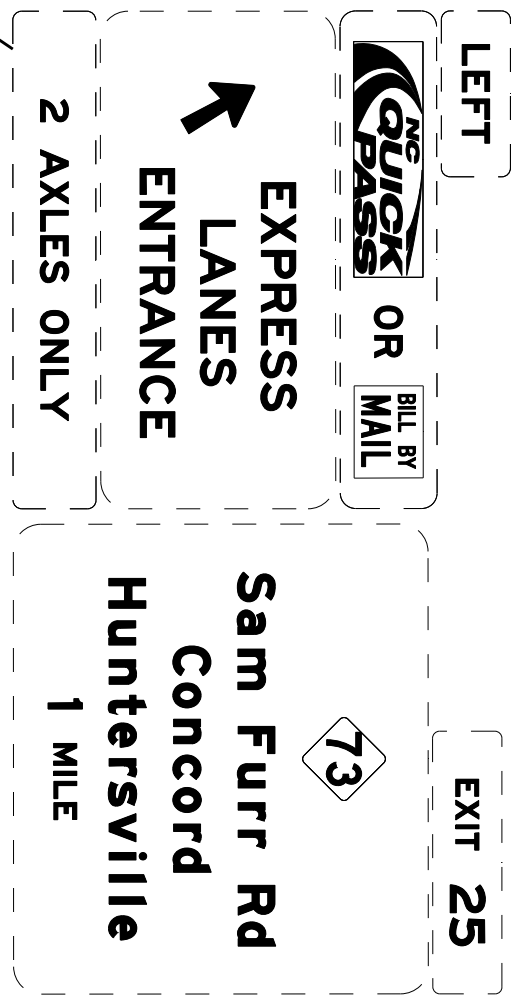
885

885

885

885

SEE PROJECT NOTE 4



SEE PROJECT NOTE 4

LEFT



EXPRESS
LANES
ENTRANCE

2 AXLES ONLY

EXIT 23

Gilead Rd
Huntersville
1 MILE

RETAIN

890

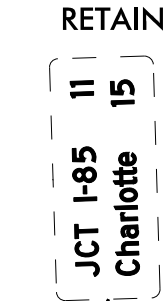
890

I-77 NB

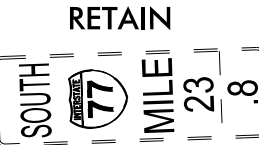
890



RETAIN



JCT I-85
Charlotte
15



RETAIN

Kimley»Horn

200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

I-5715

SHEET NO.

SIGN-13

APPROVED: AJS

DATE: 5/19/26

SEAL

9/4/2026



DocuSigned by:

DocuSign Envelope ID: 787626CB-3D20-893B-82B5-F375EF7396B6

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NC GRID
NAD 83 NA 2011

PROJECT NOTES

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

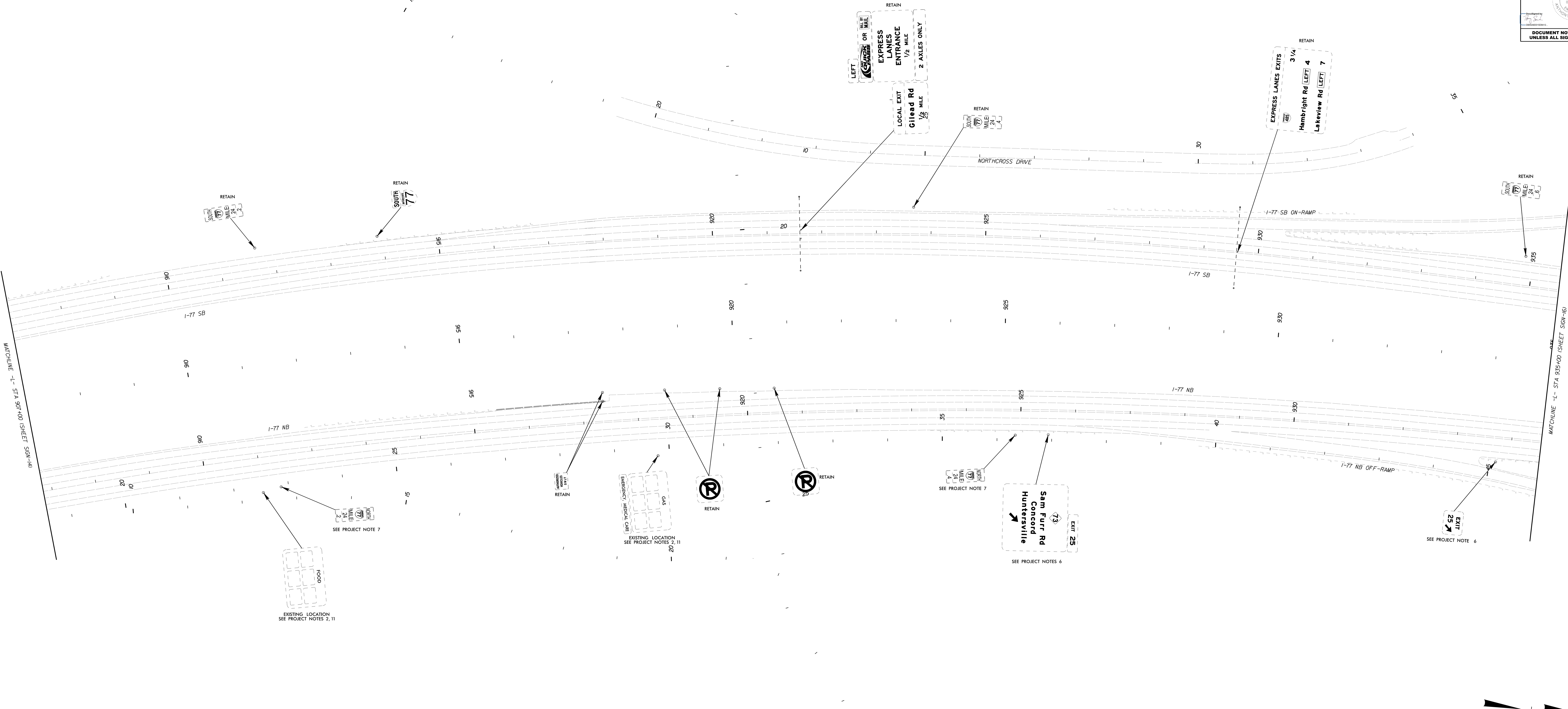
EXISTING SIGNS

-L- STA 882+00 TO -L- STA 894+00

EXISTING SIGNS
-L- STA 894+00 TO -L- STA 907+00

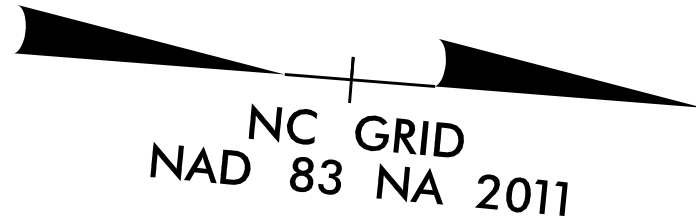
8/3/2026 K:\CHL\PR\01036264 - I-5715\Traffic\Signing\CADD\Signing Layout Plans\Plan Sheets\Existing Plan Sheets\I-5715_rdy_sgn_15.dgn

PROJECT REFERENCE NO. I-5715		SHEET NO. SIGN-15
APPROVED: AJS		
DATE: 5/19/26		
SEAL		
Seal of the State of North Carolina Professional Engineer Matthew J. Sparta No. 2474 Expiration 12/31/2028		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



PROJECT NOTES

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



Kimley»Horn

EXISTING SIGNS
-L- STA 907+00 TO -L- STA 935+00