

3/7/2025
U:\R3300A\Traffic\Signing\CADD\Signing Plans\R-3300A Title and Typical.sldgn
Hambricht

T.I.P.: R-3300A

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
NEW HANOVER & PENDER COUNTIES

LOCATION: US 17 BYPASS (HAMPSTEAD BYPASS) FROM I-140 (WILMINGTON BYPASS) TO SOUTH OF NC 210

(The Signing Project Limits extend beyond the construction limits of R-3300A & include: Military Cutoff Rd (constructed as U-4751), part of US 17 Bypass (Hampstead Bypass) constructed as R-3300B, the approaches to the I-40 /I-140 interchange, and the approaches to the I-140 /US 17 interchange near Kirkland.

ROADWAY STANDARD DRAWING

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

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.60	RIVET SPACING FOR OVERLAYED SIGNS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
902.10	FOUNDATIONS FOR GROUND MOUNTNED SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.50	SIGNING FOR SPEED REDUCTION ZONE
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- 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.

SPECIAL PROJECT NOTE

THIS PROJECT INCLUDES SIGNING WORK THAT IS BEYOND THE R-3300A PROJECT LIMITS.

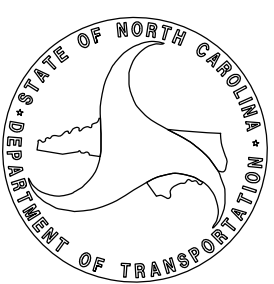
REPLACEMENT SIGNS FOR EXISTING OVERHEAD SIGN STRUCTURES THAT ARE LOCATED BEYOND THE R-3300A PROJECT LIMITS ARE INTENDED TO RESULT IN LESS THAN, OR EQUAL TO, THE TOTAL SQUARE FOOTAGE OF THE EXISTING SIGNS CURRENTLY MOUNTED ON EACH OVERHEAD STRUCTURE. IT IS INTENDED THAT THE REPLACEMENT SIGNS NOT EXCEED THE DESIGN WIND LOAD OF THE EXISTING SIGNS MOUNTED ON THE OVERHEAD STRUCTURE. THE CONTRACTOR SHALL FIELD VERIFY THE SQUARE FOOTAGE OF THE EXISTING SIGNS TO BE REPLACED AND VERIFY THAT THE REPLACEMENT SIGNS DO NOT EXCEED THE SQUARE FOOTAGE OF THE EXISTING SIGNS TO BE REMOVED.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	SUMMARY OF QUANTITIES
SIGN-1B	PLAN SHEET INDEX
SIGN-1C	GROUND MOUNTED SIGN SUPPORT INFORMATION
SIGN-2-2C	TYPE "E", "F" SIGNS & MILEMARKERS
SIGN-3-3P	STRUCTURE LINE DRAWINGS
SIGN-4-4AF	SIGN DESIGNS
SIGN-5-55	SIGNING PLAN SHEETS

PLAN PREPARED FOR THE N.C.D.O.T. SIGNING AND DELINEATION UNIT

Mitch Eaton, P.E. Signing & Delineation Regional Engineer
Stacey Johns Signing & Delineation Design Engineer



Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

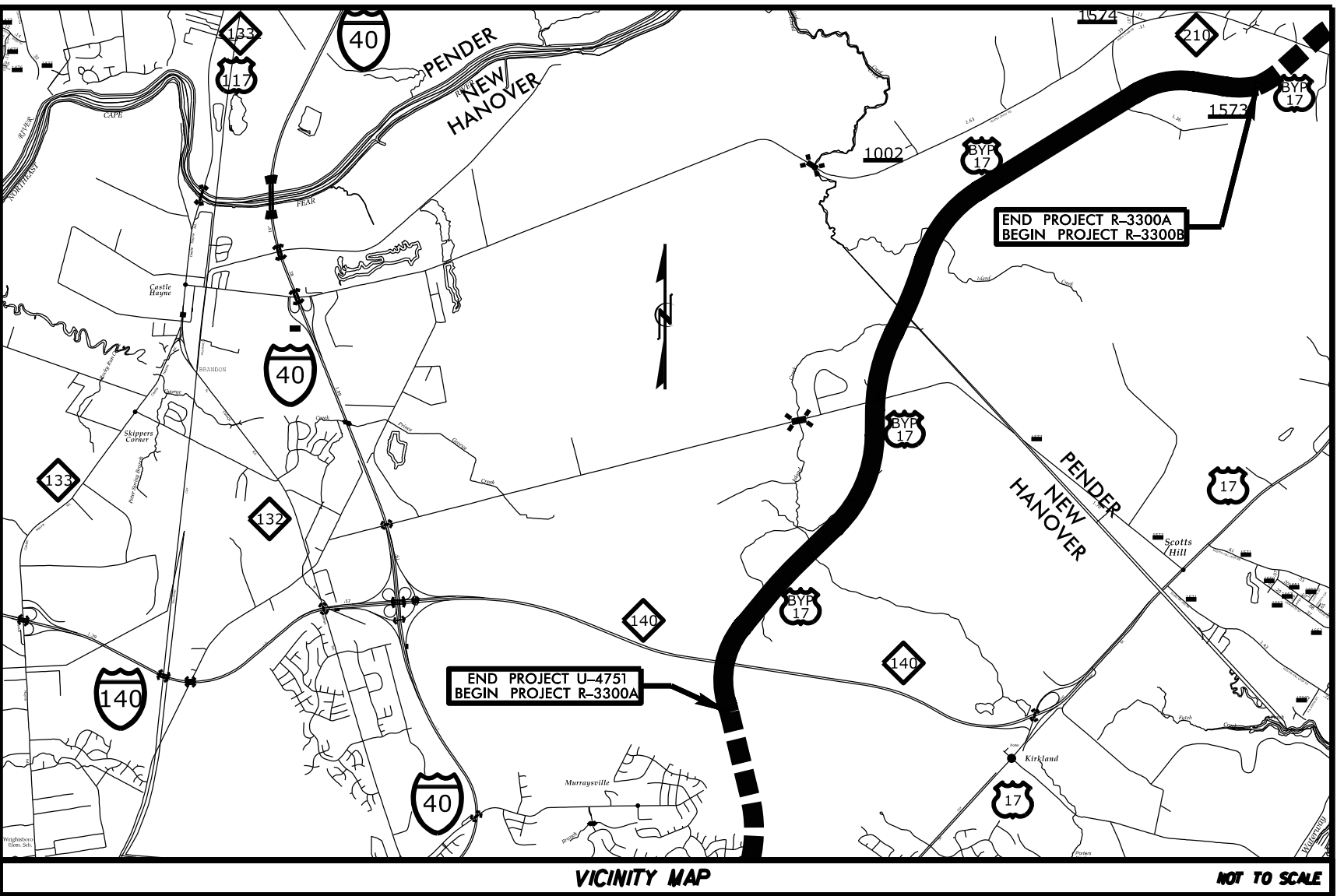
PLAN PREPARED BY: Stantec Consulting Services, Inc.

Betsy L. Watson, PE Deputy Regional Business Leader
Jay Woolard, PE Senior Transportation Engineer
James Hambricht Senior Transportation Technician



TIP NO.	SHEET NO.
R-3300A	SIGN-1
APPROVED: Discussed by: Betsy L. Watson 3/26/2025	
DATE: 3/26/2025	
SEAL Seal of Betsy L. Watson, Professional Engineer, No. 29449	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

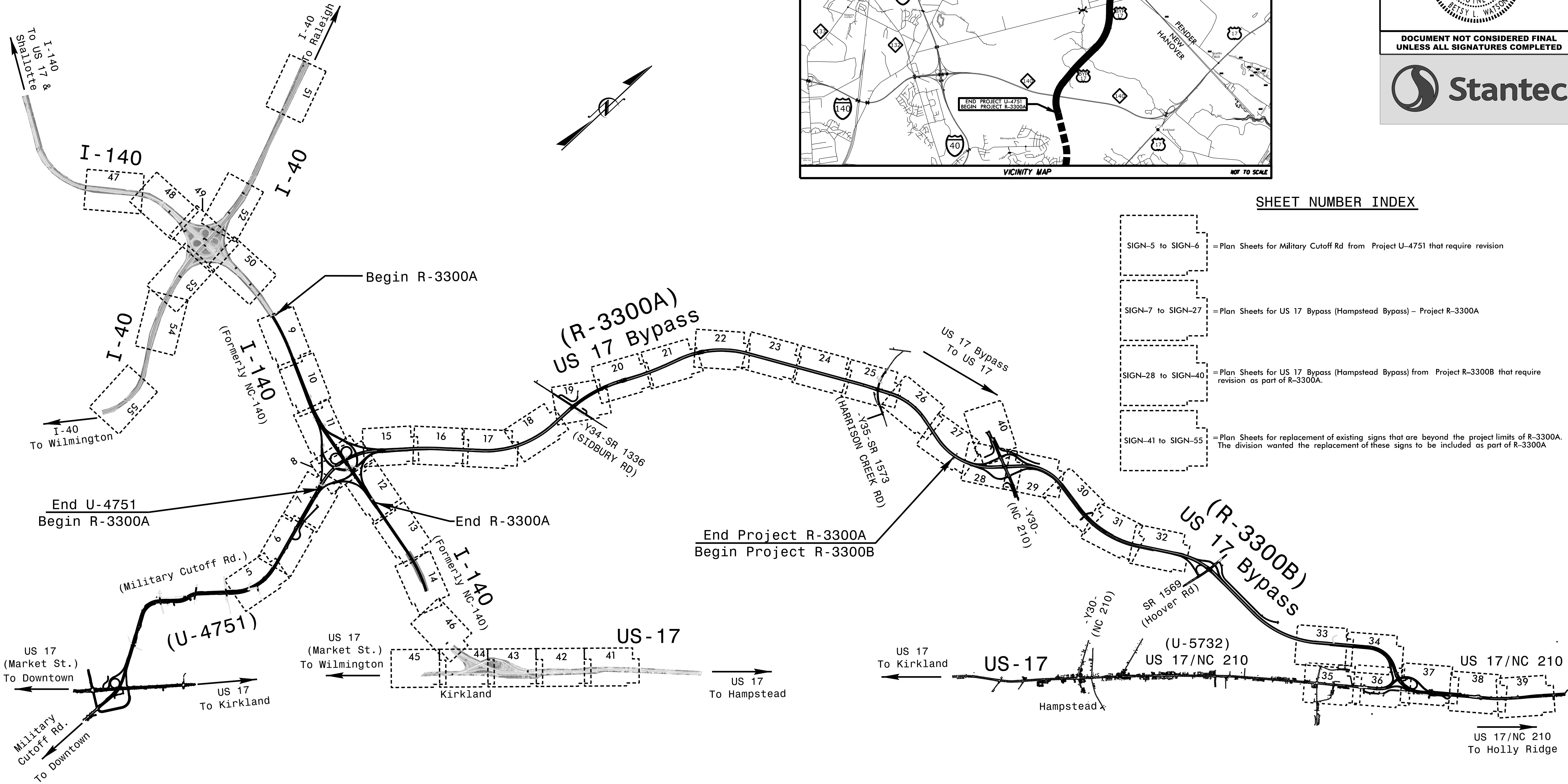
Project R-3300A



TIP NO.	SHEET NO.
R-3300A	SIGN-1B
APPROVED: <i>Petsy L. Watson</i> 3/26/2025	
DATE:	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

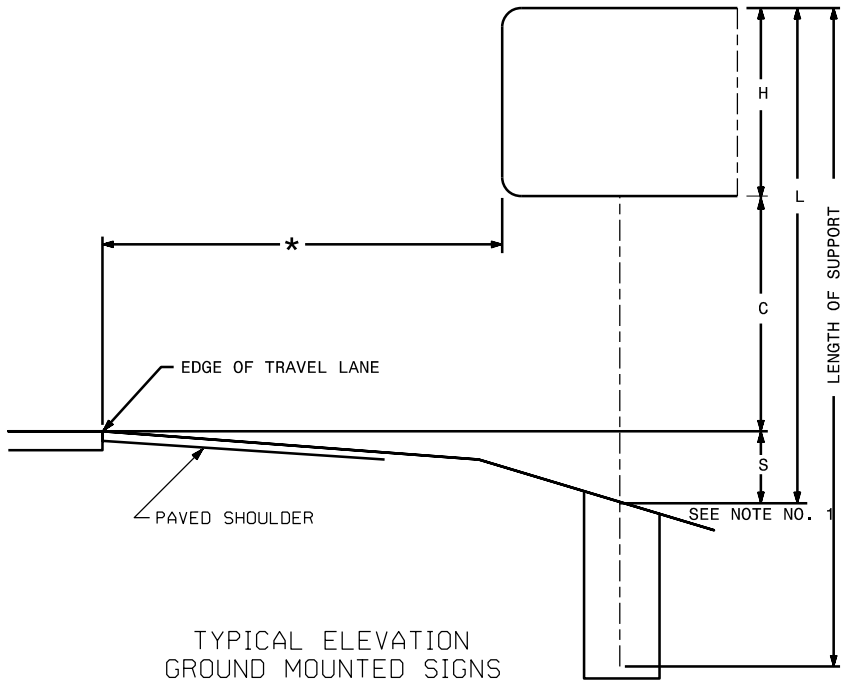
SHEET NUMBER INDEX

- SIGN-5 to SIGN-6 = Plan Sheets for Military Cutoff Rd from Project U-4751 that require revision
- SIGN-7 to SIGN-27 = Plan Sheets for US 17 Bypass (Hampstead Bypass) – Project R-3300A
- SIGN-28 to SIGN-40 = Plan Sheets for US 17 Bypass (Hampstead Bypass) from Project R-3300B that require revision as part of R-3300A.
- SIGN-41 to SIGN-55 = Plan Sheets for replacement of existing signs that are beyond the project limits of R-3300A. The division wanted the replacement of these signs to be included as part of R-3300A



SYSTEMS
NAME

PLAN SHEET INDEX (INCLUDES INCREASED PROJECT LIMITS)

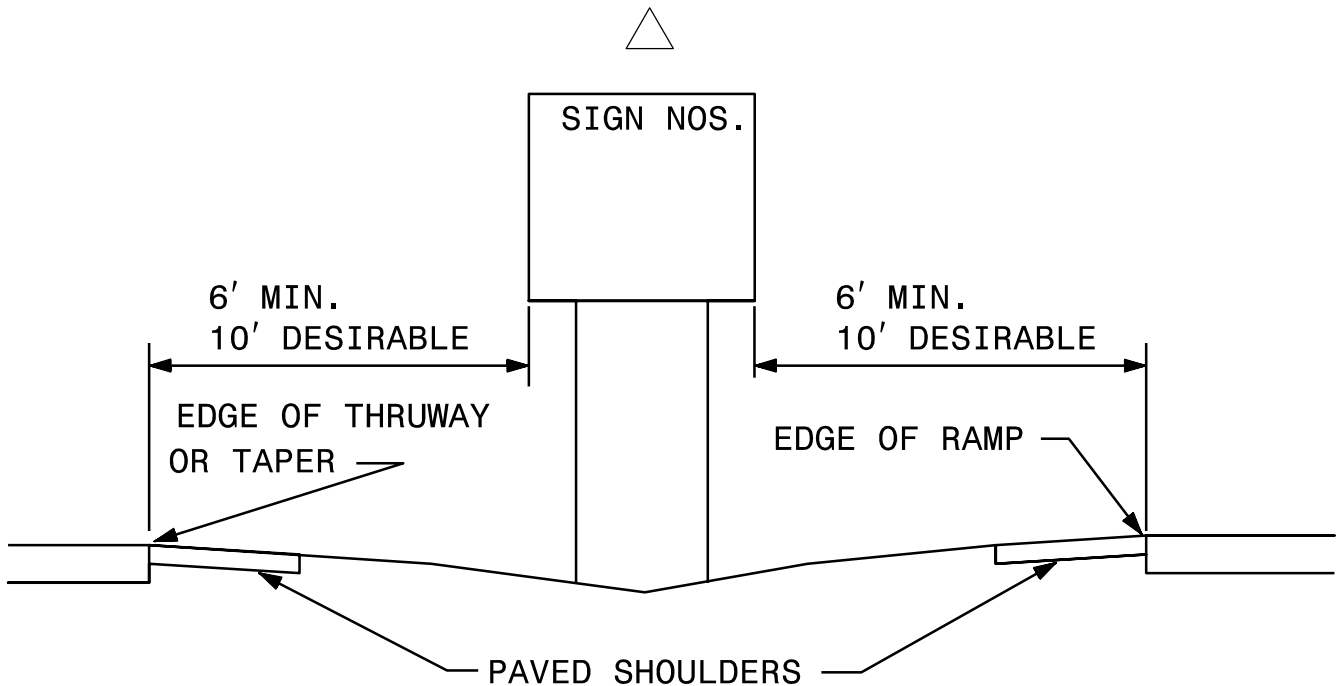


- NOTES
1. DIMENSION "S" REPRESENTS AN INCRE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.

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.

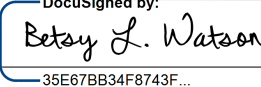
3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

GROUND MOUNTED SIGN SUPPORTS



TIP NO.
R-3300A

SHEET NO.
SIGN-1C

APPROVED: 

DATE: 3/26/2025

SEAL

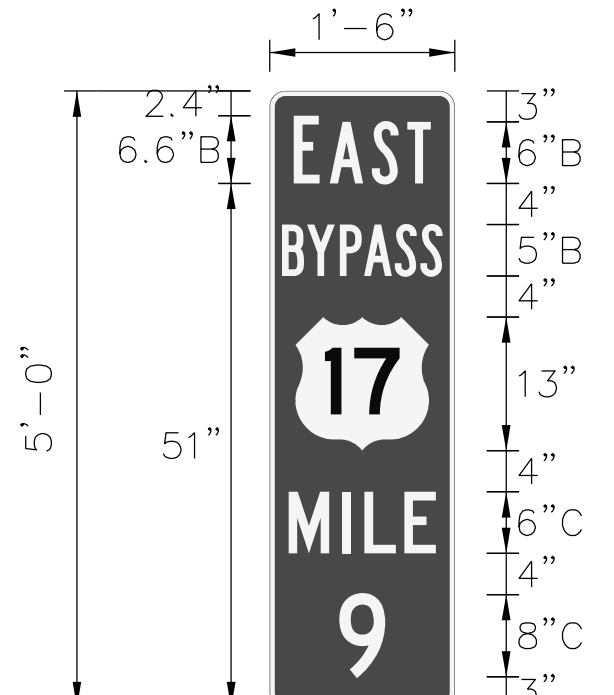
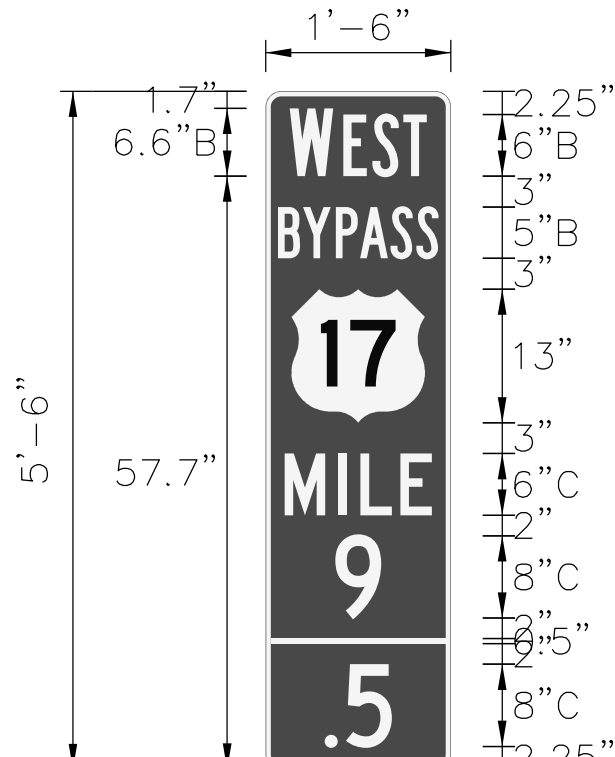
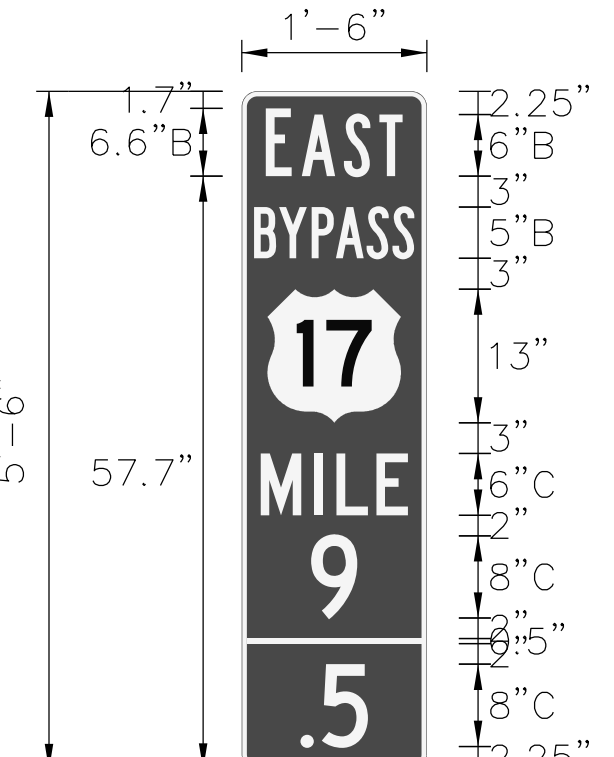
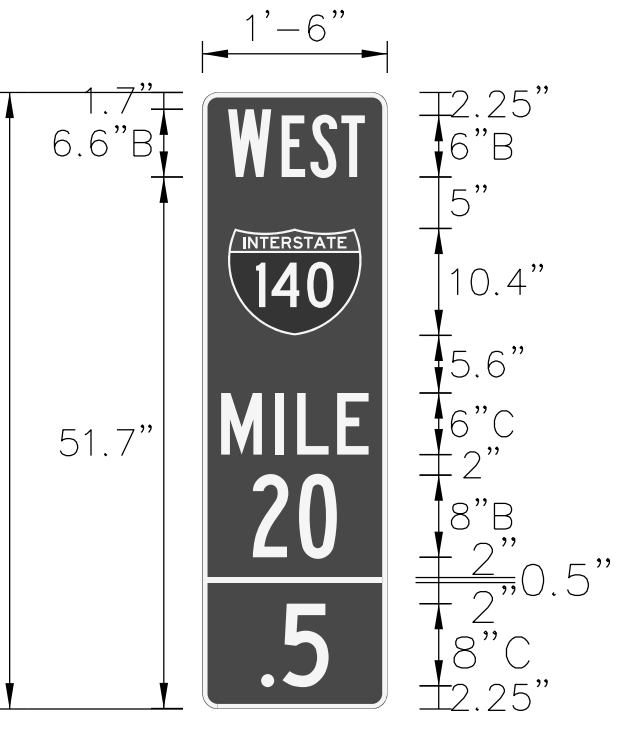
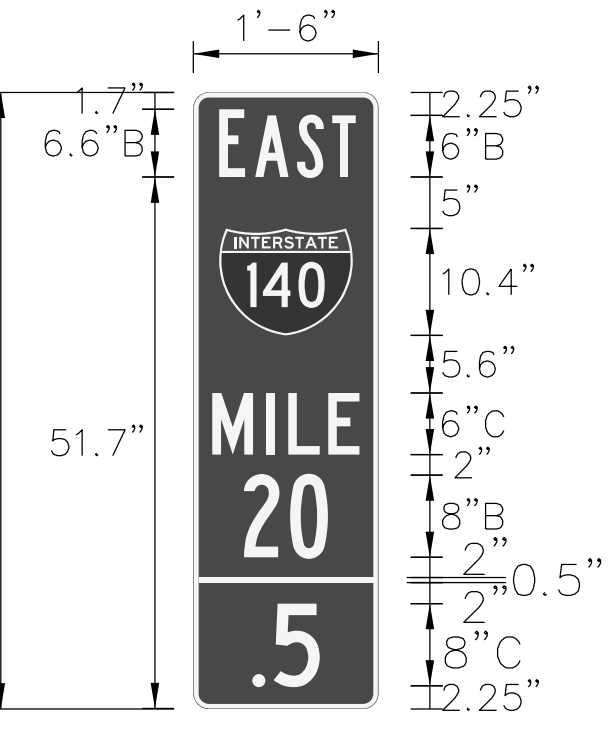
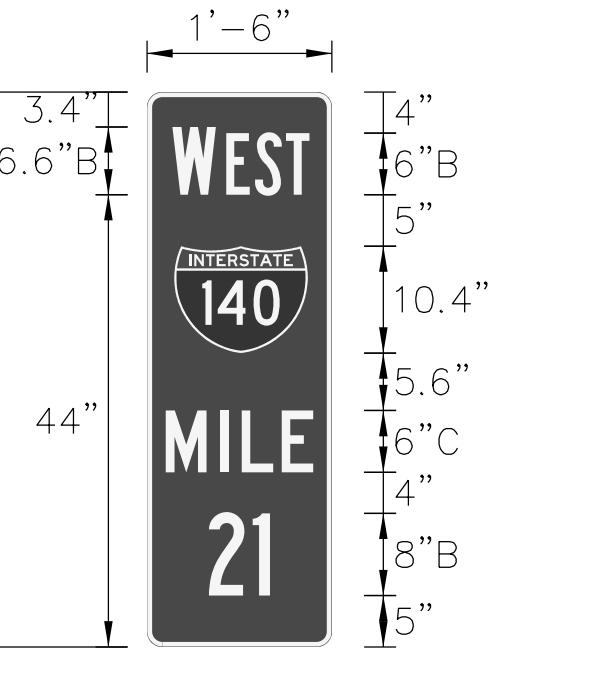
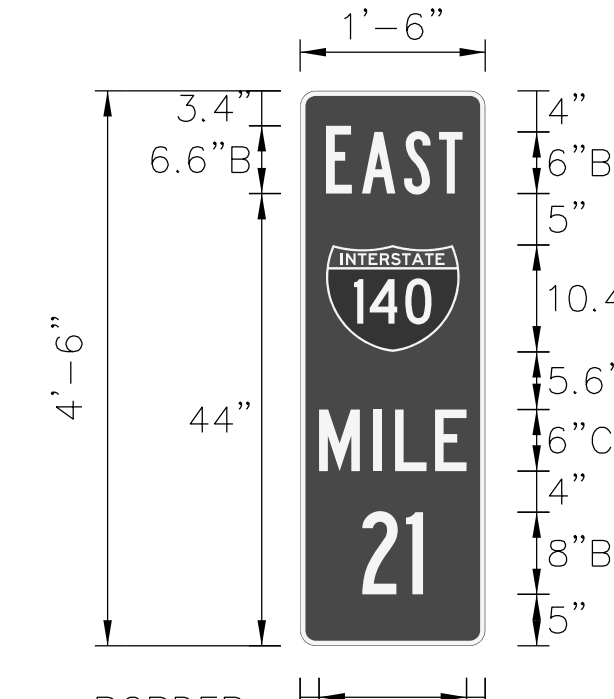
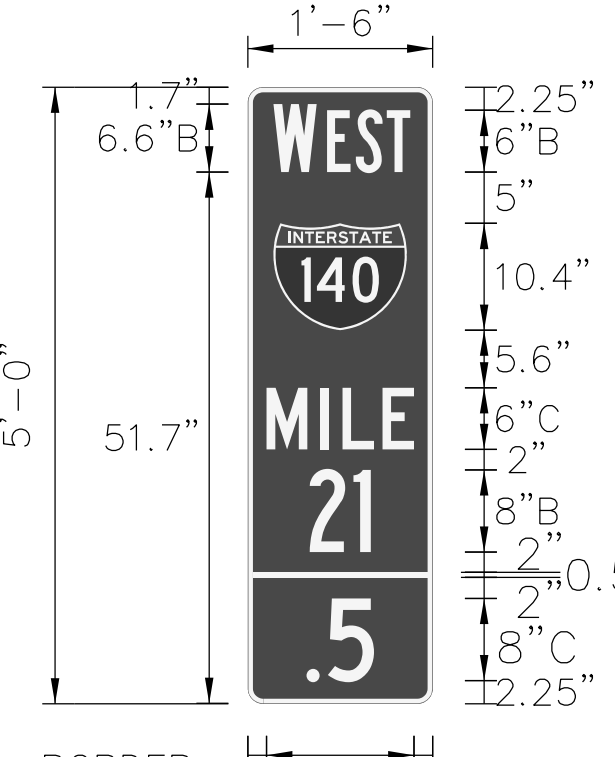
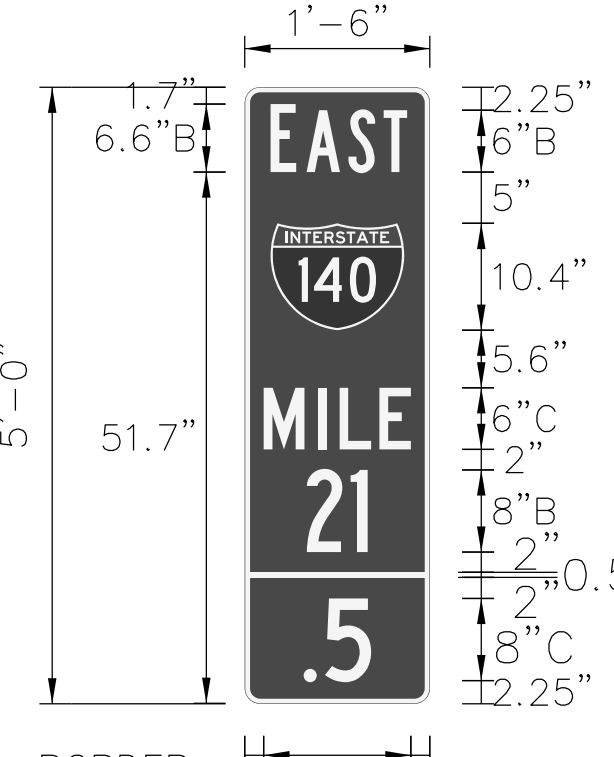
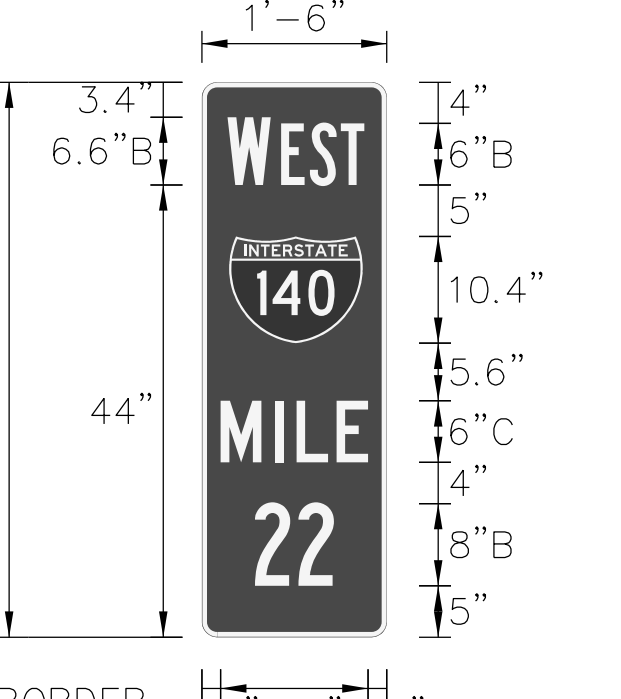
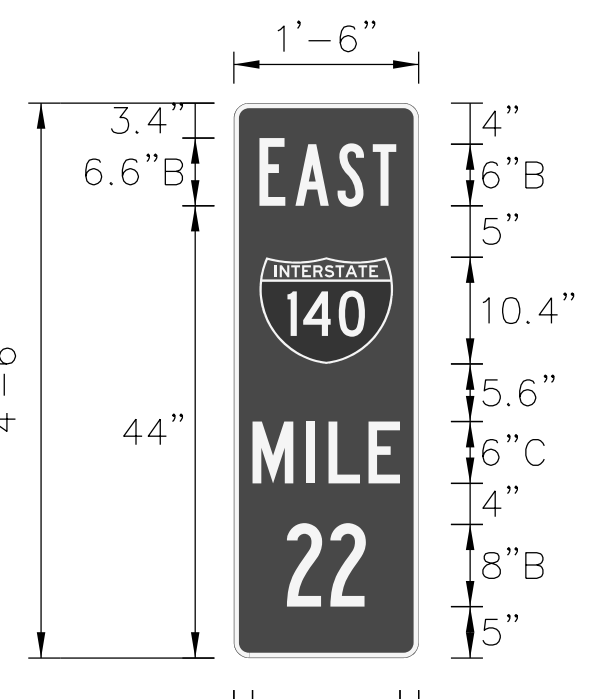
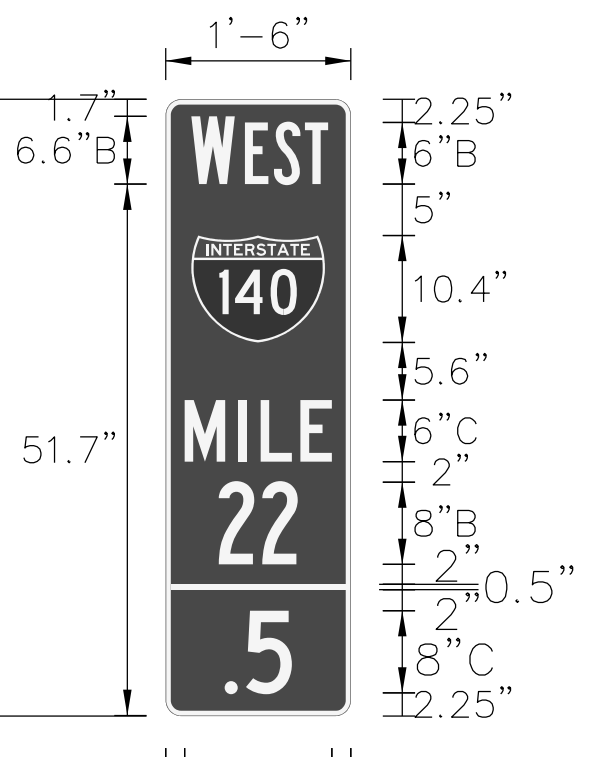
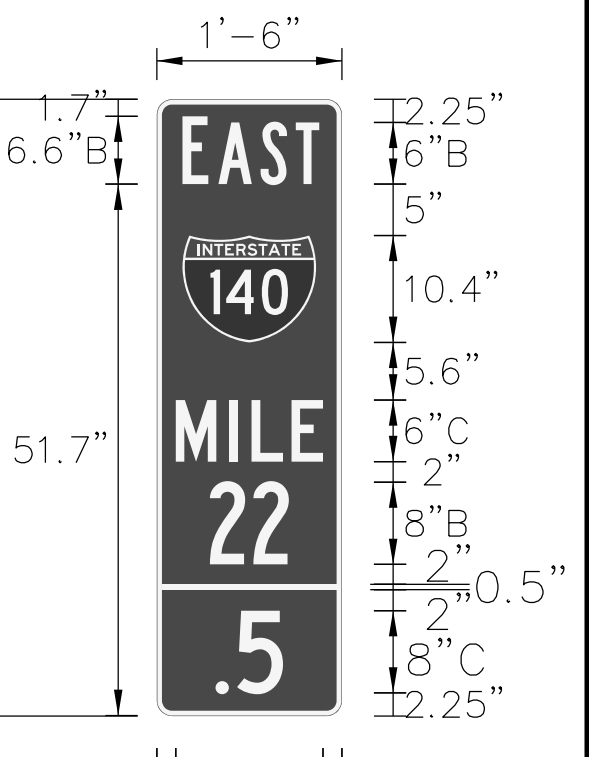
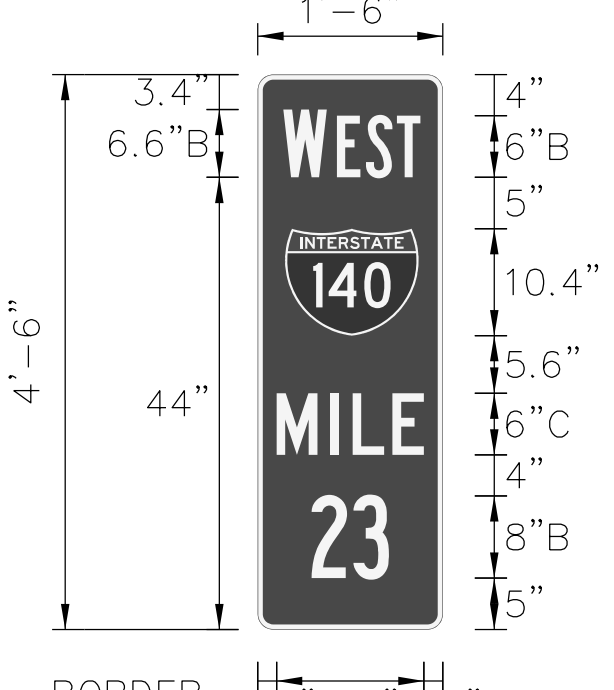
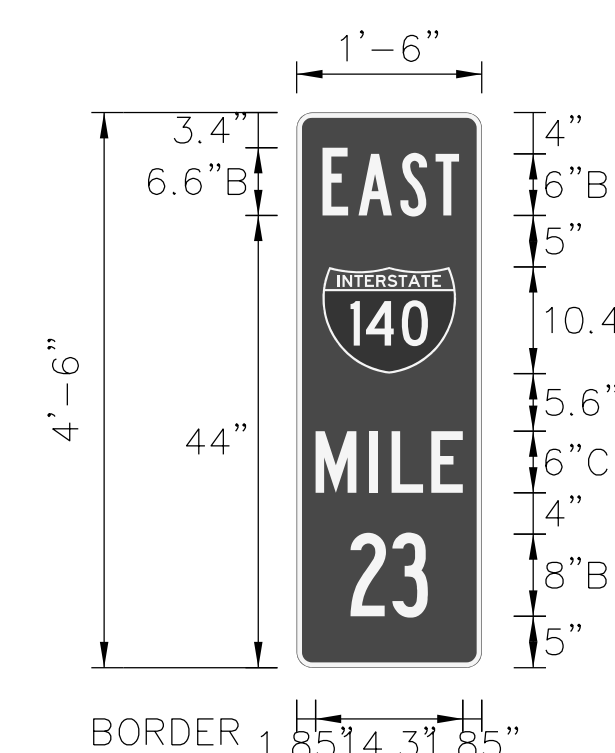
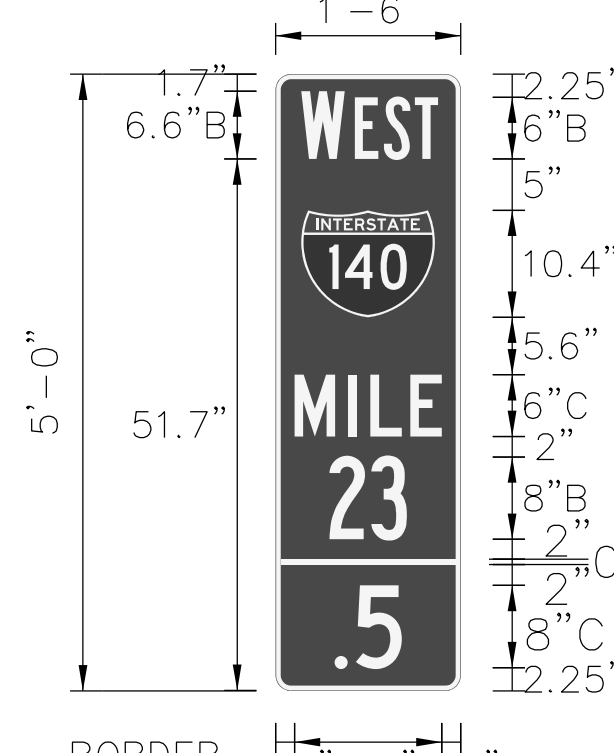
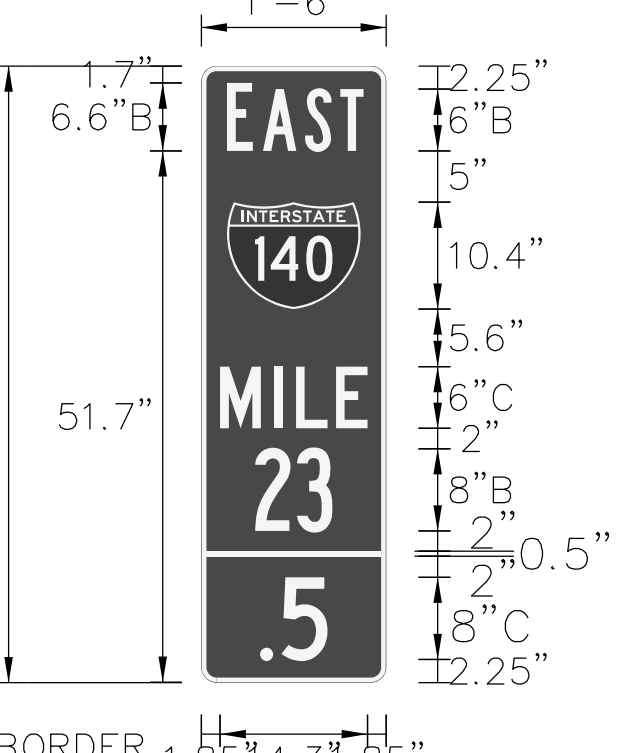
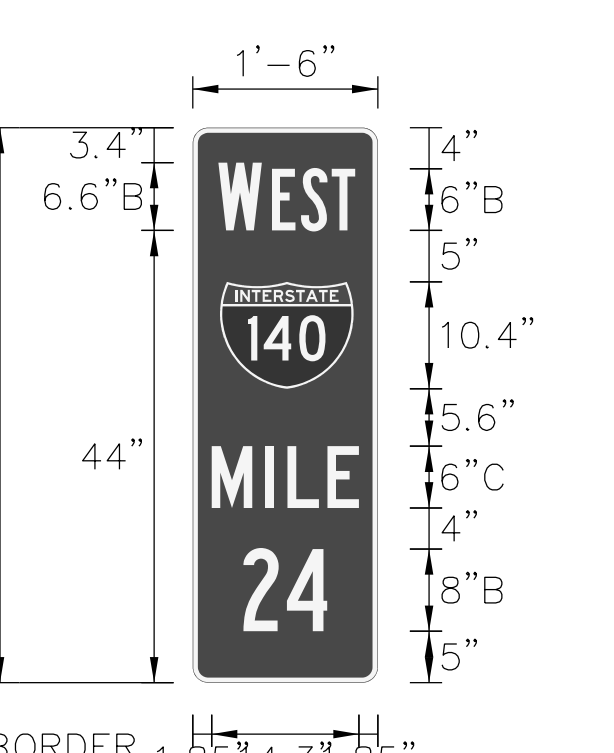
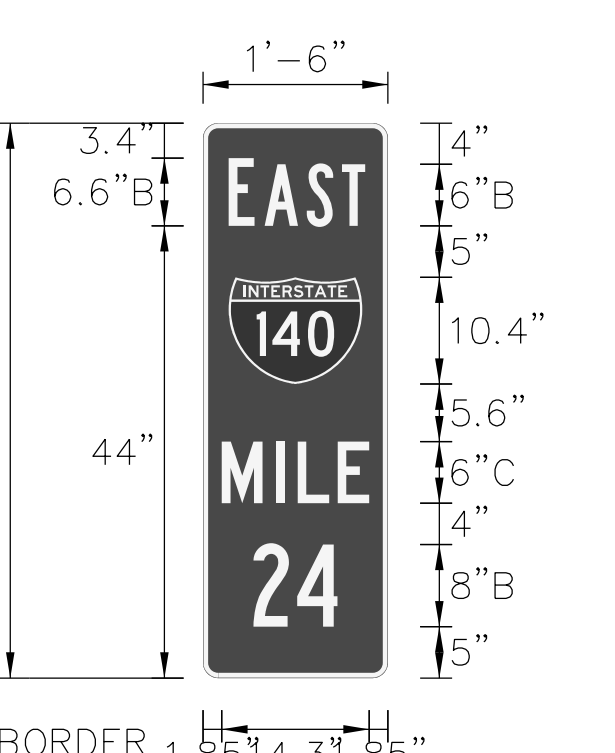
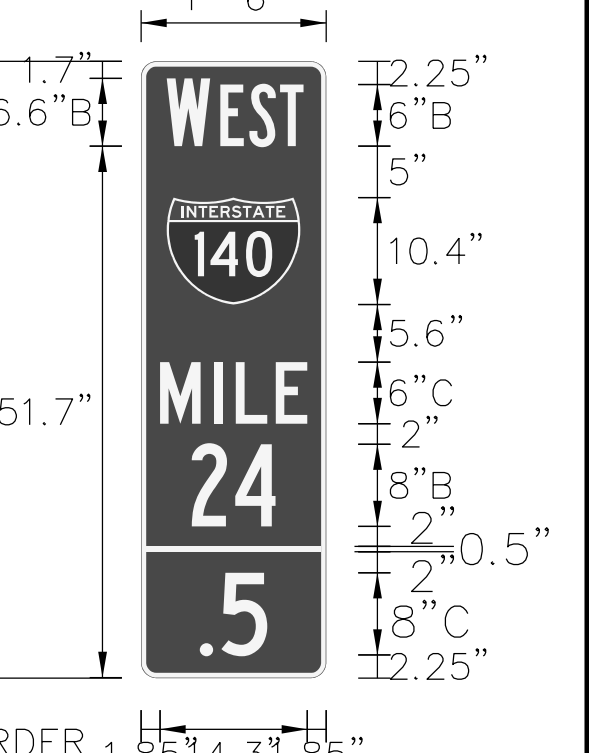
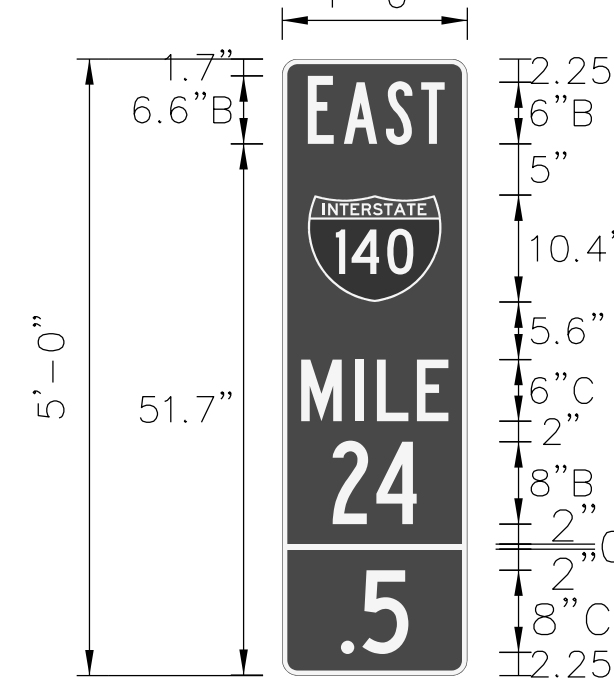
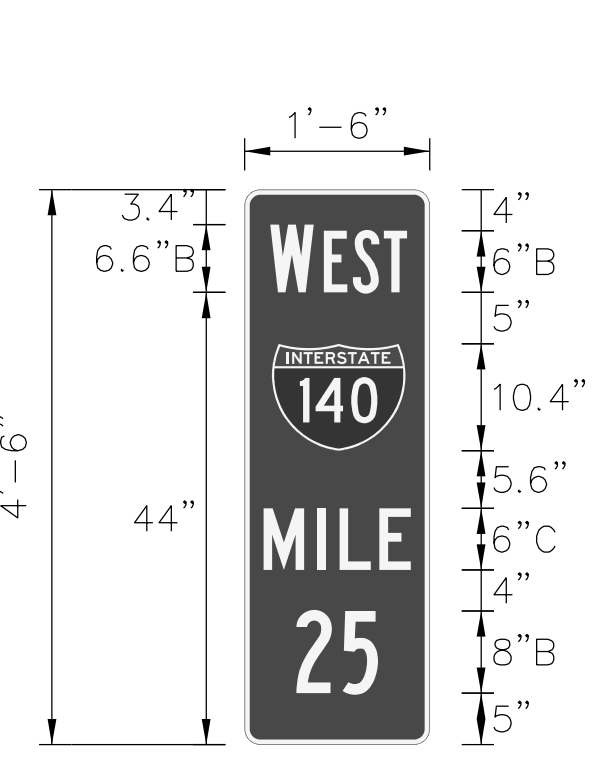
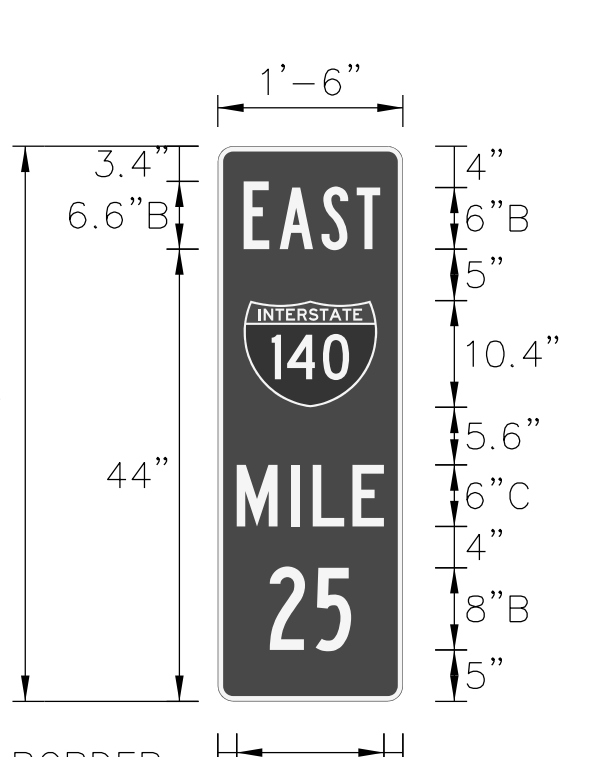
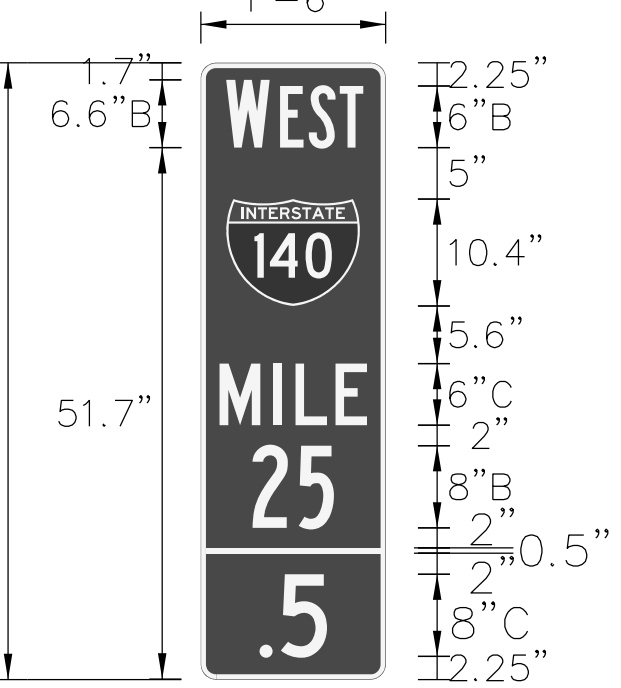
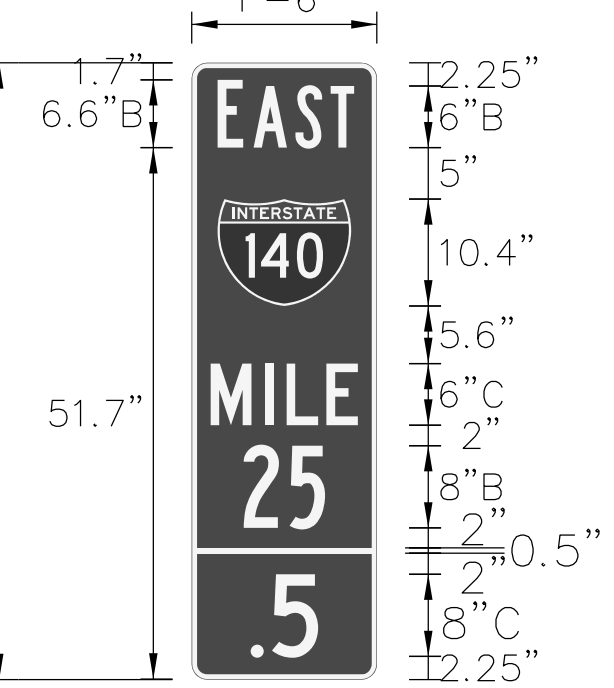


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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)										
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED- MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)											
		w	x	h										"H"	"C"																											
101A	B	114	x	30	BEYOND LIMITS	3	W10x26	BA	N/A	1-R N/A	N/A N/A	30.00	7.5 NON-STD. SPACING	16.50	7.00	4.5	5.02	28.52	33.02	5.34	28.84	33.34	5.37	28.87	33.37	3012.98	0	2.5	5	2.73	0.00	_____										
101B	A	198	x	198																																						
102A	B	114	x	30	-Y33- Sta. 20+86 (RT)	3	W14x30	BA	N/A	1-R N/A	N/A N/A	28.00	7.57 NON-STD. SPACING	16.50	7.00	4.5	4.35	27.85	32.35	5.91	29.41	33.91	6.84	30.34	34.84	3648.00	0	3.0	5	3.93	0.00	_____										
102B	A	198	x	198																																						
103	A	228	x	84	-Y33- Sta. 10+00 (RT)	3	W6x9	BA	N/A	N/A	N/A	30.00	6.75	7.00	7.00	3.5	0.50	14.50	18.00	0.75	14.75	18.25	1.00	15.00	18.50	588.75	0	1.5	4	0.79	0.00	_____										
104	A	126	x	60	-Y33RPCA- STA. 13+00 (RT)	2	S4x7.7	BA	N/A	N/A	N/A	18.00	6.15	5.00	7.00	3.0	0.50	12.50	15.50	0.00	0.00	0.50	12.50	15.50	278.70	0	1.0	3.5	0.00	0.20	_____											
105A	B	114	x	30	-Y33- STA. 129+77 (RT)	2	W8x18	BA	N/A	1-R N/A	N/A N/A	28.00	8.79	10.50	7.00	4.5	1.00	18.50	23.00	0.00	0.00	0.00	2.00	19.50	24.00	986.00	0	2.0	5	1.16	0.00	_____										
105B	A	180	x	126																																						
106A	B	114	x	30	BEYOND LIMITS	2	W8x18	BA	N/A	1-R N/A	N/A N/A	30.00	8.79	10.50	7.00	4.5	1.00	18.50	23.00	0.00	0.00	0.00	2.00	19.50	24.00	986.00	0	2.0	5	1.16	0.00	_____										
106B	A	180	x	126																																						
107A	A	168	x	30	BEYOND LIMITS	3	W8x21	BA	N/A	1-R N/A	N/A N/A	28.00	7.5 NON-STD. SPACING	16.50	7.00	5.0	0.50	24.00	29.00	0.75	24.25	29.25	1.00	24.50	29.50	2061.75	0	2.0	5.5	1.92	0.00	_____										
107B	A	198	x	198																																						
108A	A	168	x	30	BEYOND LIMITS	3	W12x26	BA	N/A	1-R N/A	N/A N/A	30.00	7.55 NON-STD. SPACING	16.50	7.00	5.0	5.18	28.68	33.68	5.62	29.12	34.12	5.75	29.25	34.25	3181.30	0	2.5	5.5	3.00	0.00	_____										
108B	A	198	x	198																																						
109	A	174	x	66	-Y33- Sta. 113+70 (LT)	2	S4x7.7	BA	N/A	N/A	N/A	22.00	8.50	5.50	7.00	3.5	0.50	13.00	16.50	0.00	0.00	0.00	0.50	13.00	16.50	294.10	0	1.0	4	0.00	0.23	_____										
110A	A	168	x	30	-L1- Sta. 301+01 (LT)	3	W14x30	S	N/A	1-R N/A	N/A N/A	22.00	7.5 NON-STD. SPACING	14.00	7.00	4.5	3.72	24.72	29.22	6.22	27.22	31.72	8.72	29.72	34.22	0.00	2854.8	3.0	5	3.93	0.00	_____										
110B	A	222	x	168																																						
111A	A	168	x	30	-L1- Sta. 274+61 (LT)	3	W10x26	BA	N/A	1-R N/A	N/A N/A	30.00	7.5 NON-STD. SPACING	14.00	7.00	4.5	3.81	24.81	29.31	5.06	26.06	30.56	6.31	27.31	31.81	2803.68	0	2.5	5	2.73	0.00	_____										
111B	A	222	x	168																																						
112	B	120	x	42	-L1- Sta. 391+92 (RT)	2	S4x7.7	BA	N/A	N/A	N/A	30.00	5.86	3.50	7.00	3.0	5.42	15.92	18.92	0.00	0.00	0.00	6.86	17.36	20.36	342.46	0	1.0	3.5	0.00	0.20	_____										
113	A	108	x	54	-L1- Sta. 392+54 (LT)	2	W6x9	BA	N/A	N/A	N/A	30.00	5.27	4.50	7.00	2.5	4.39	15.89	18.39	0.00	0.00	0.00	5.41	16.91	19.41	404.20	0	1.5	3	0.39	0.00	_____										
114A	B	114	x	30	-L1- Sta. 532+55 (RT)	2	W6x16	BA	N/A	II N/A	N/A N/A	30.00	5.57	10.00	7.00	4.0	4.23	21.23	25.23	0.00	0.00	0.00	5.21	22.21	26.21	917.04	0	1.5	4.5	0.59	0.00	_____										
114B	A	114	x	90																																						
115A	B	114	x	30	L1- Sta. 559+15 (RT)	2	W6x16	BA	N/A	II N/A	N/A N/A	30.00	5.57	10.00	7.00	4.0	4.38	21.38	25.38	0.00	0.00	0.00	5.47	22.47	26.47	923.60	0	1.5	4.5	0.59	0.00	_____										
115B	A	114	x	90																																						
116					(NOTE: SIGN #116A & 116B REMOVED FROM PLAN SET)								(NOTE: SIGN #116A & 116B REMOVED FROM PLAN SET)								(NOTE: SIGN #116A & 116B REMOVED FROM PLAN SET)																					
117	A	132	x	72	-L- Sta. 292+00 (LT)	2	S4x7.7	BA	N/A	N/A	N/A	18.00	6.45	6.00	7.00	3.5	0.31	13.31	16.81	0.00	0.00	0.00	0.81	13.81	17.31	302.72	0	1.0	4	0.00	0.23	_____										
118	A	180	x	126	BEYOND LIMITS	2	W6x16	BA	N/A	N/A	N/A	20.00	8.79	10.50	7.00	4.5	1.00	18.50	23.00	0.00	0.00	0.00	0.50	18.00	22.50	822.00	0	1.5	5	0.65	0.00	_____										
119	A	126	x	72	BEYOND LIMITS	2	S4x7.7	BA	N/A	N/A	N/A	20.00	6.15	6.00	7.00	3.5	1.00	14.00	17.50	0.00	0.00	0.00	0.50	13.50	17.00	305.65	0	1.0	4	0.00	0.23	_____										
120	A	180	x	126	BEYOND LIMITS	2	W6x16	BA	YES	N/A	N/A	15.00	8.79	10.50	7.00	0.0	1.00	18.50	18.50	0.00	0.00	0.00	1.50	19.00	19.00	600.00	0	1.5	5.5	0.72	0.00	_____										
121A	B	114	x	30	BEYOND LIMITS	2	W8x18	BA	N/A	1-R N/A	N/A N/A	18.00	7.45 NON-STD. SPACING	11.00	7.00	4.5	0.75	18.75	23.25	0.00	0.00	0.00	1.00	19.00	23.50	981.50	0	2.0	5	1.16	0.00	_____										
121B	A	150	x	132																																						
122	B	138	x	48	BEYOND LIMITS	2	S3x5.7	BA	N/A	N/A	N/A	18.00	6.74	4.00	7.00	3.0	0.50	11.50	14.50	0.00	0.00	0.00	0.75	11.75	14.75	202.73	0	1.0	3.5	0.00	0.20	_____										
123A	B	114	x	30	BEYOND LIMITS	2	W8x18	BA	N/A	1-R N/A	N/A N/A	18.00	7.45 NON-STD. SPACING	11.00	7.00	4.5	0.75	18.75	23.25	0.00	0.00	0.00	1.00	19.00	23.50	981.50	0	2.0	5	1.16	0.00	_____										
123B	A	150	x	132																																						
124	A	162	x	60	-L1- Sta. 291+00 (LT)	2	W6x12	BA	N/A	N/A	N/A	30.00	7.91	5.00	7.00	3.5	5.68	17.68	21.18	0.00	0.00	0.00	7.66	19.66	23.16	610.08	0	1.5	4	0.52	0.00	_____										
125																																										

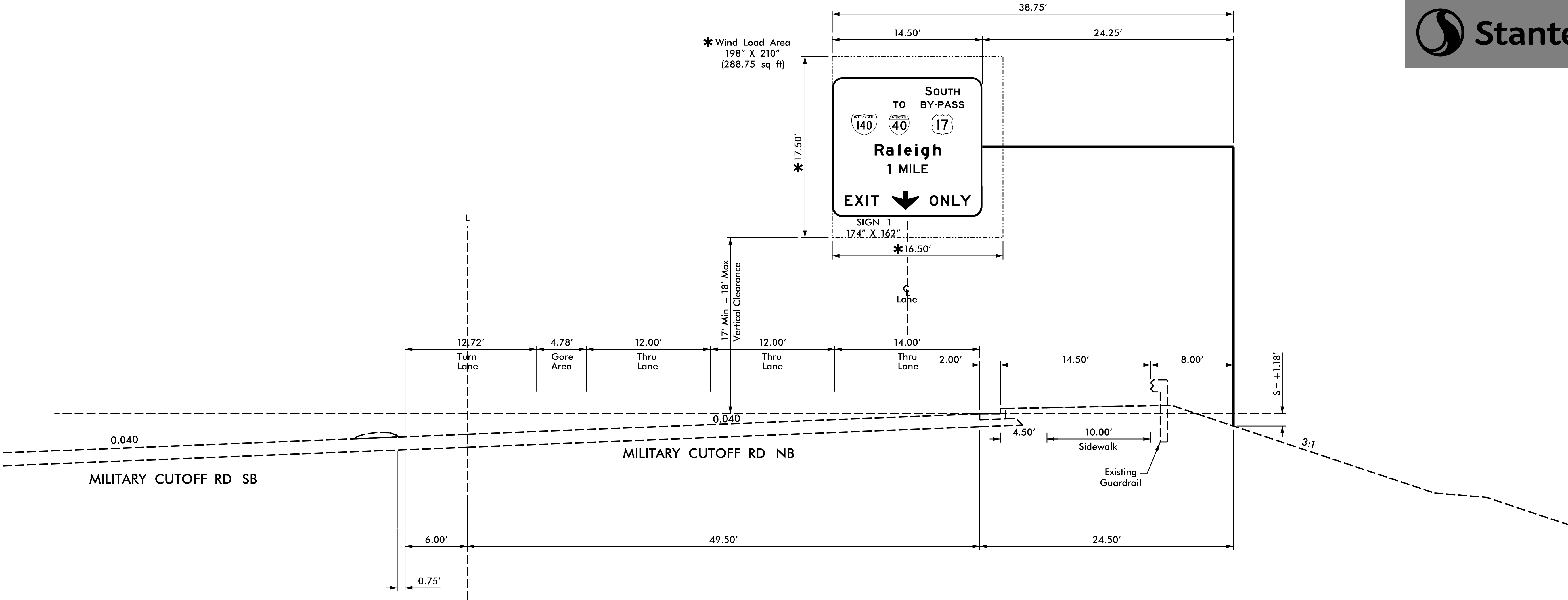
							<table><tr><td>TIP NO.</td><td>SHEET NO.</td></tr><tr><td>R-3300A</td><td>SIGN-2B</td></tr><tr><td>APPROVED:</td><td> DocuSigned by: Betsey L. Watson 35E67B34F8743F... </td></tr><tr><td>DATE:</td><td>3/26/2025</td></tr><tr><td colspan="2">SEAL</td></tr><tr><td colspan="2"></td></tr><tr><td colspan="2">DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</td></tr><tr><td colspan="2"></td></tr></table>	TIP NO.	SHEET NO.	R-3300A	SIGN-2B	APPROVED:	DocuSigned by: Betsey L. Watson 35E67B34F8743F...	DATE:	3/26/2025	SEAL				DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
TIP NO.	SHEET NO.																						
R-3300A	SIGN-2B																						
APPROVED:	DocuSigned by: Betsey L. Watson 35E67B34F8743F...																						
DATE:	3/26/2025																						
SEAL																							
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED																							
					MILE MARKERS																		

*****SIGN*****
*****DO NOT REMOVE*****

							<table><tr><th>TIP NO.</th><th>SHEET NO.</th></tr><tr><td>R-3300A</td><td>SIGN-2C</td></tr><tr><td>APPROVED:</td><td> DocuSigned by: Betsey L. Watson 35E97B34F8743F... </td></tr><tr><td>DATE:</td><td>3/26/2025</td></tr><tr><td>SEAL</td><td></td></tr><tr><td colspan="2">DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</td></tr><tr><td colspan="2"></td></tr></table>	TIP NO.	SHEET NO.	R-3300A	SIGN-2C	APPROVED:	DocuSigned by: Betsey L. Watson 35E97B34F8743F...	DATE:	3/26/2025	SEAL		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
TIP NO.	SHEET NO.																				
R-3300A	SIGN-2C																				
APPROVED:	DocuSigned by: Betsey L. Watson 35E97B34F8743F...																				
DATE:	3/26/2025																				
SEAL																					
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED																					
																					
 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"																
 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"															
 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"															
 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	 BORDER R=1.5" TH=0.5"	MILE MARKERS																

*****SIGNED*****
*****STANTEC*****
*****DATE*****

OVERHEAD SIGN STRUCTURE '1'
Military Cutoff Road NB
-L- STA. 150+00 (within U-4751 Project Limits)



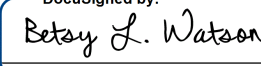
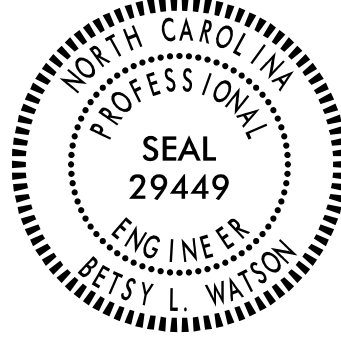
NOTES:

- 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 130 M.P.H.

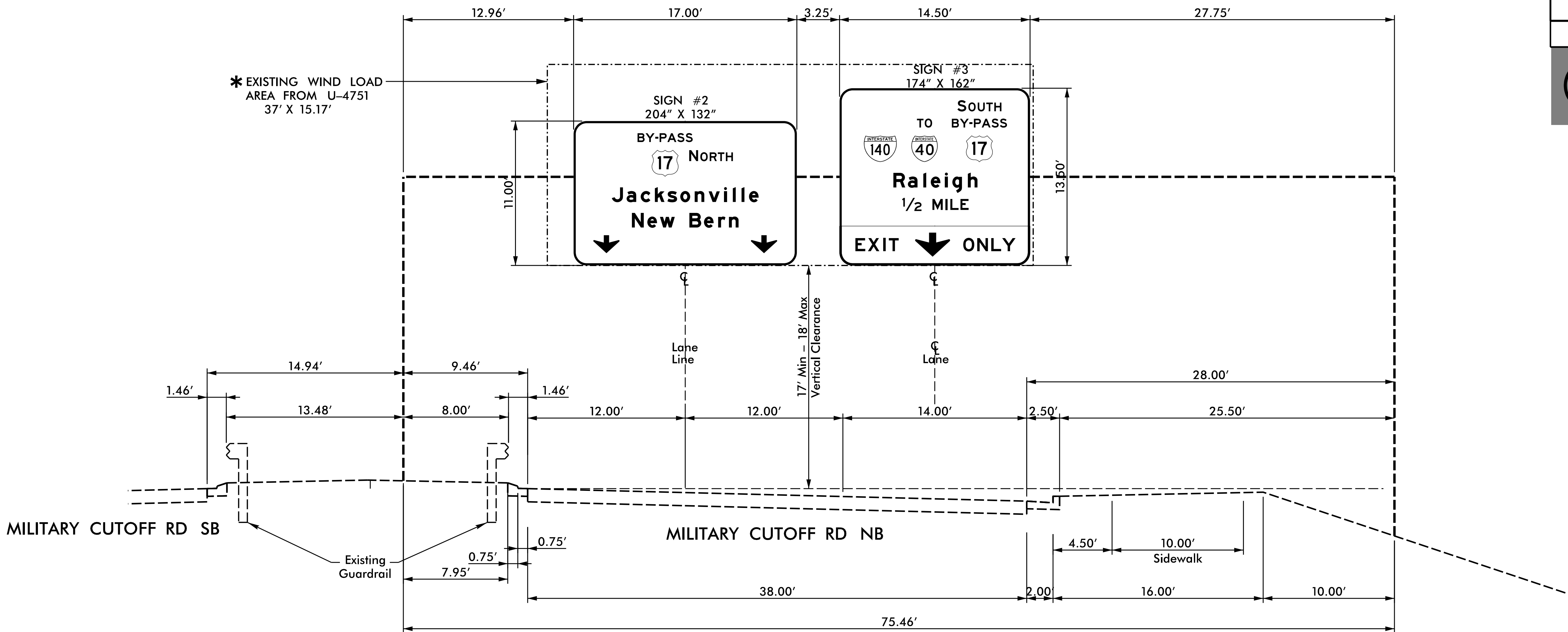
*THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):

OVERHEAD SIGN STRUCTURE '1'
Military Cutoff Road NB
-L- STA. 150+00

TIP NO.	SHEET NO.
R-3300A	SIGN-3
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

EXISTING OVERHEAD SIGN STRUCTURE
(U-4751 - STRUCTURE "F")
MILITARY CUTOFF RD NB @ -L- STA. 167+50

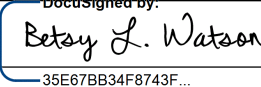
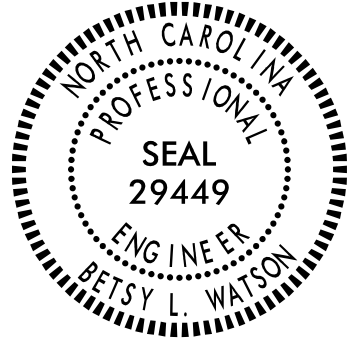


NOTES:

1. EXISTING SIGN STRUCTURE
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
4. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

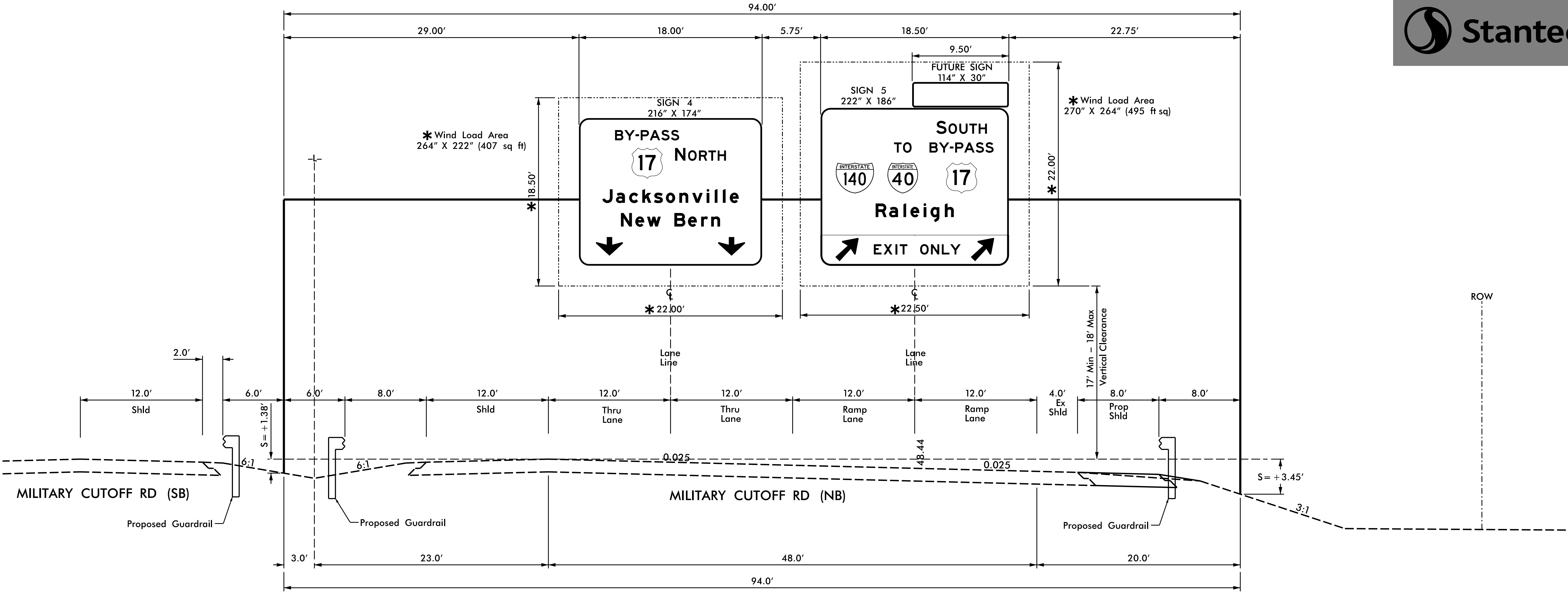
*THESE DIMENSIONS WERE SPECIFIED TO BE USED FOR THE WIND LOAD AND DEAD LOAD COMPUTATIONS IN THE DESIGN OF THE EXISTING STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO. :
LATITUDE (DD) :
LONGITUDE (DD) :
EXISTING OVERHEAD SIGN STRUCTURE
(U-4751 - STRUCTURE "F")
MILITARY CUTOFF ROAD NB
@ -L- STA. 167+50

TIP NO.	SHEET NO.
R-3300A	SIGN-3A
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

OVERHEAD SIGN STRUCTURE '2'
Military Cutoff Road NB
-L- STA. 201+77

* Total Structure Wind
Load Area = 902 ft sq



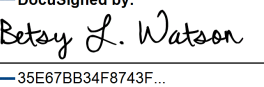
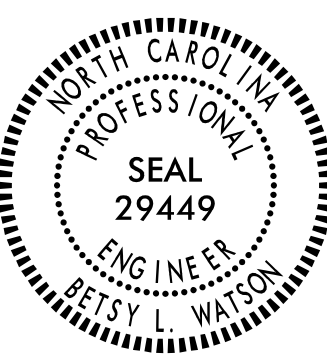
NOTES:

- 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 130 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 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):

OVERHEAD SIGN STRUCTURE '2'
Military Cutoff Road NB
-L- STA. 201+77

TIP NO. R-3300A	SHEET NO. SIGN-3B
APPROVED:  DATE: 4/10/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

EXISTING OVERHEAD SIGN STRUCTURE 'G'
(U-4751 - STRUCTURE "G")
Military Cutoff Road NB Off-Ramp
-Y8RPDB- STA. 23+50

TIP NO.
R-3300A

SHEET NO.
SIGN-3C

APPROVED:

Petsy L. Watson

3/26/2025

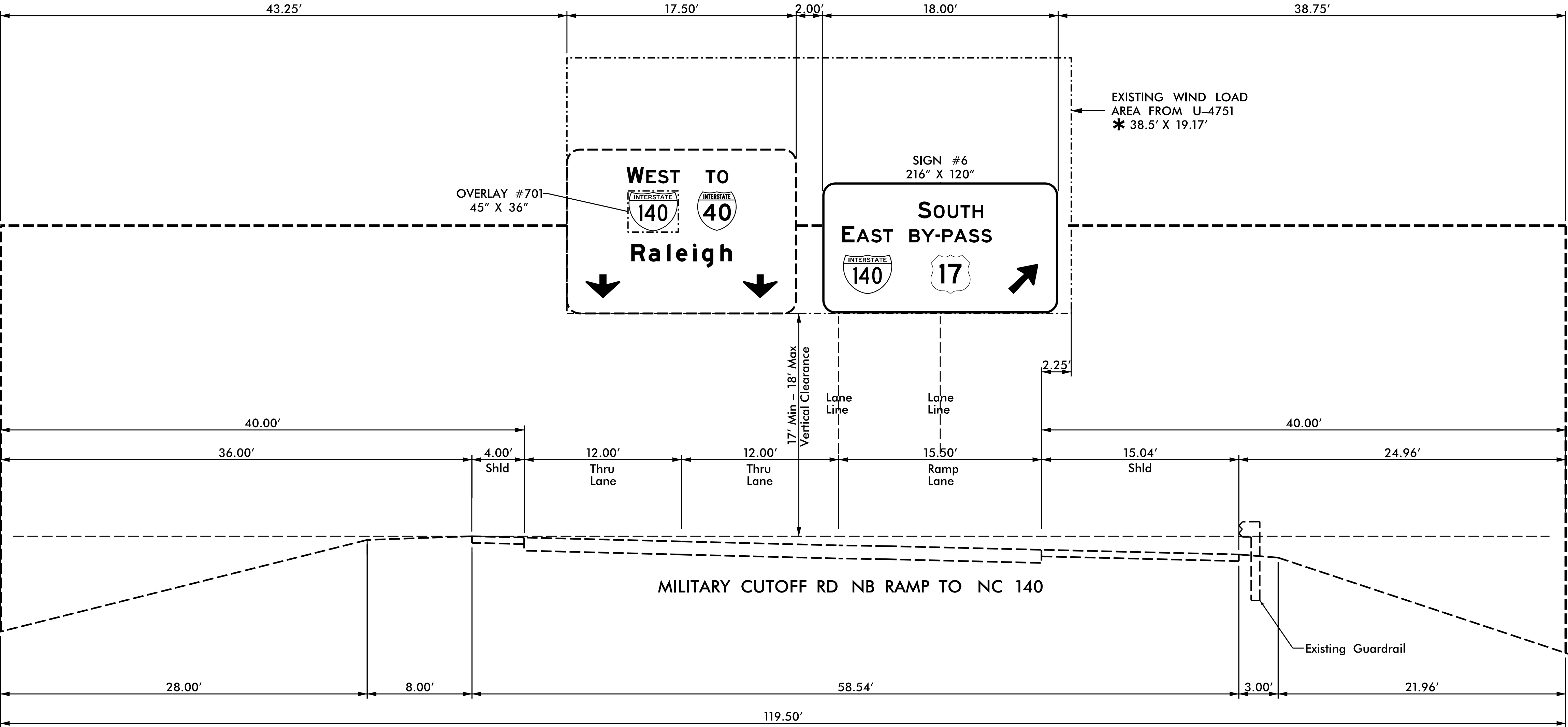
DATE: 3/26/2025

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
29449
ENGINEER
PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



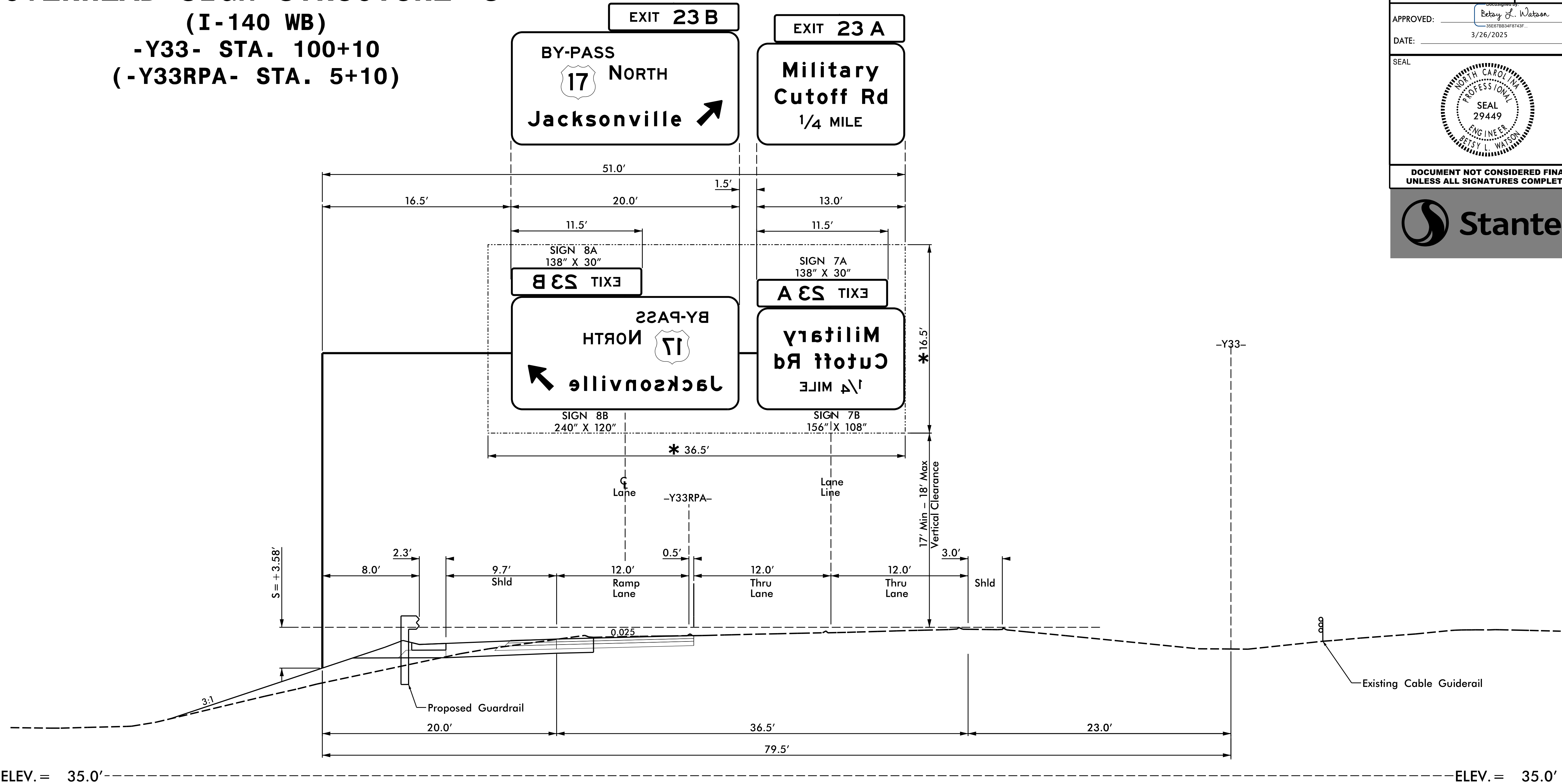
NOTES:

- EXISTING SIGN STRUCTURE
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 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 130 M.P.H.

*THESE DIMENSIONS WERE SPECIFIED TO BE USED FOR THE WIND LOAD AND DEAD LOAD COMPUTATIONS IN THE DESIGN OF THE EXISTING STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):
EXISTING OVERHEAD SIGN STRUCTURE 'G' (U-4751 - STRUCTURE "G") Military Cutoff Road NB Off-Ramp @ -Y8RPDB- STA. 23+50

OVERHEAD SIGN STRUCTURE '3'
(I-140 WB)
-Y33- STA. 100+10
(-Y33RPA- STA. 5+10)

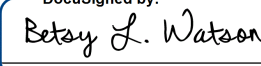
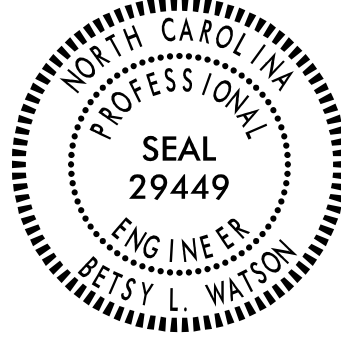


NOTES:

- 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 130 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 130 M.P.H.

STRUCTURE NO.:	
LATITUDE (DD):	
LONGITUDE (DD):	
OVERHEAD SIGN STRUCTURE '3' (I-140 WB) -Y33- STA. 100+00 (-Y33RPA- STA. 5+00)	

TIP NO.	SHEET NO.
R-3300A	SIGN-3D
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

EXISTING OVERHEAD SIGN STRUCTURE 'H'
I-140 WB @ -Y33- Sta. 75+70
(-Y8- STA. 93+50)

TIP NO.
R-3300A

SHEET NO.
SIGN-3E

APPROVED:

Petsy L. Watson

SS0678854F8743F...

DATE: 3/26/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

29449

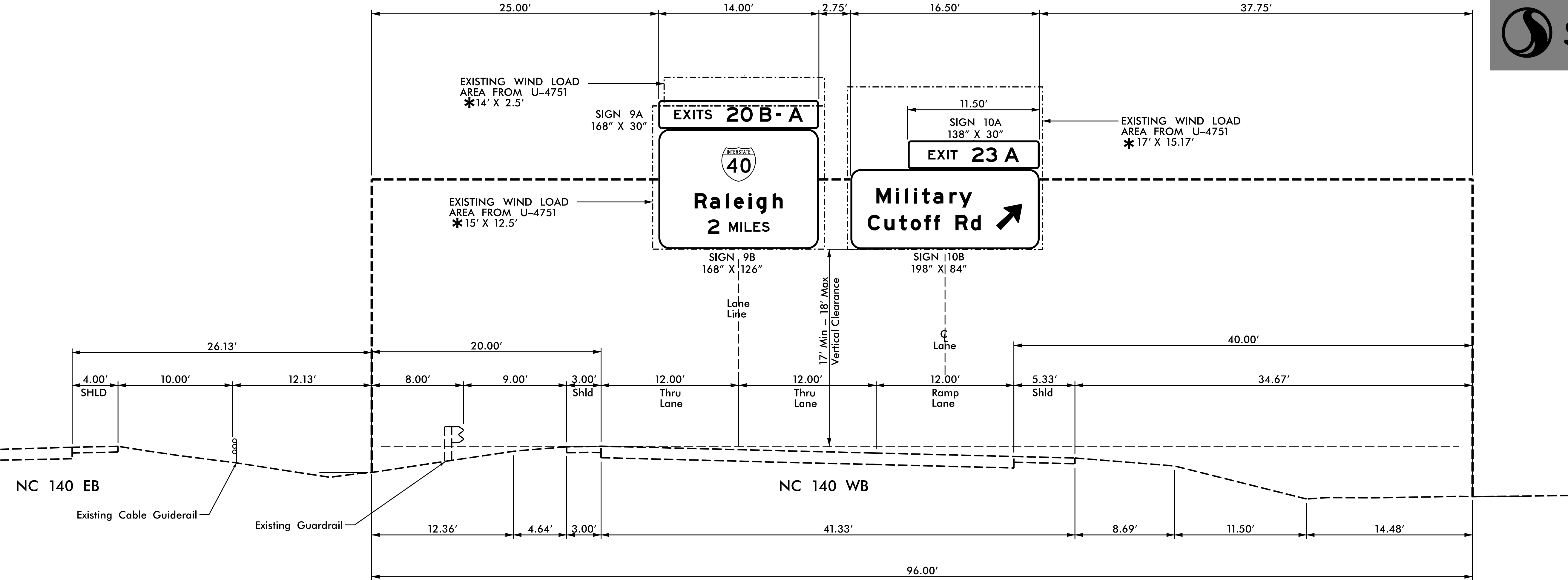
ENGINEER

PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Stantec



NOTES:

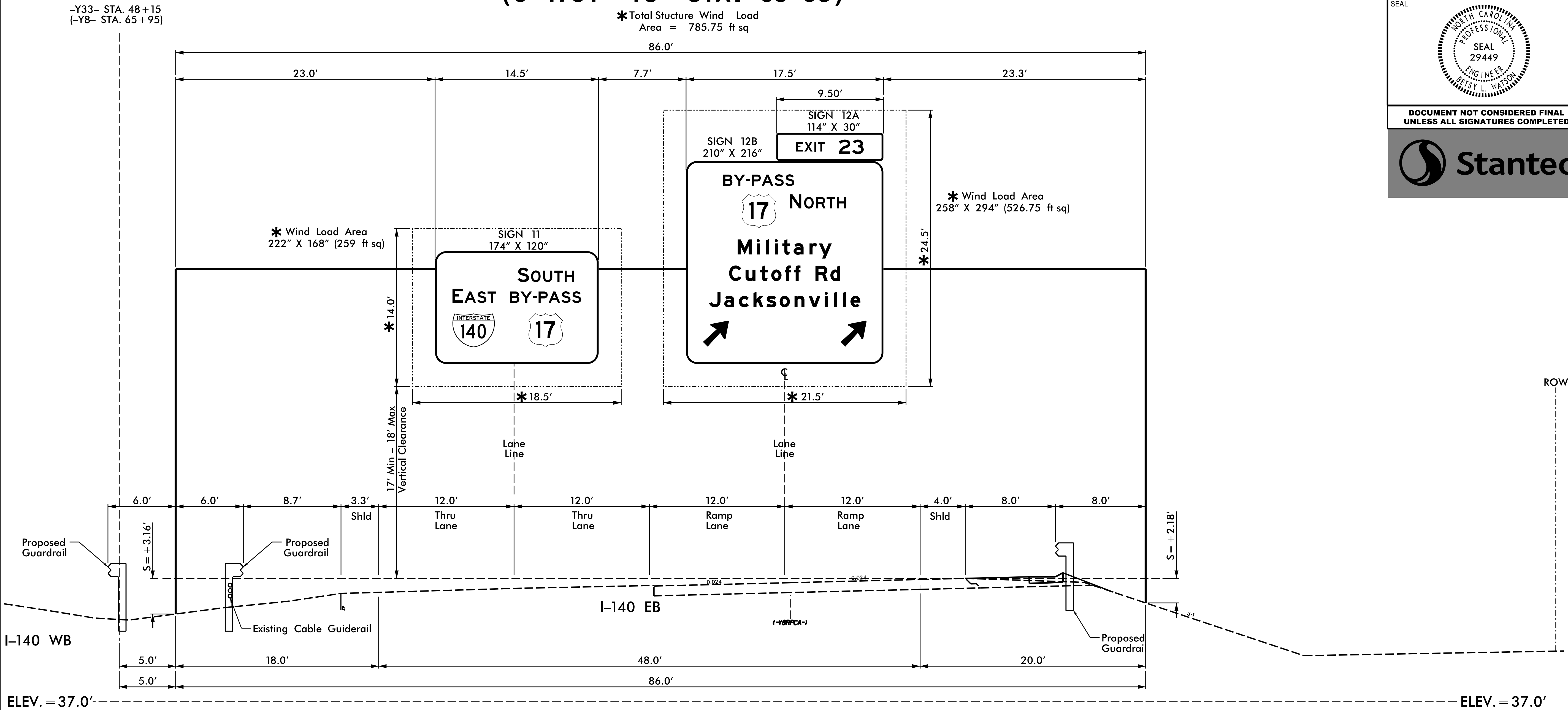
- EXISTING SIGN STRUCTURE
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

*THESE DIMENSIONS WERE SPECIFIED TO BE USED FOR THE WIND LOAD AND DEAD LOAD COMPUTATIONS IN THE DESIGN OF THE EXISTING STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):
EXISTING OVERHEAD SIGN STRUCTURE 'H' I-140 WB @ -Y33- Sta. 75+70 (-Y8- STA. 93+50)

OVERHEAD SIGN STRUCTURE '4'
I-140 EB @-Y33- STA. 48+15
(U-4751 -Y8- STA. 65+95)

*Total Structure Wind Load
Area = 785.75 ft sq



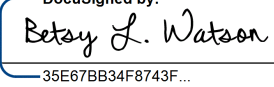
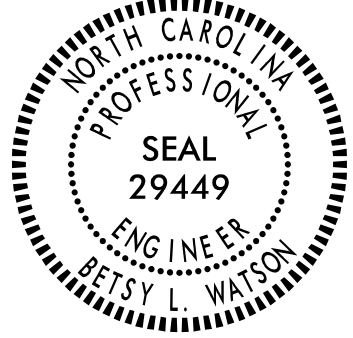
NOTES:

- 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 130 M.P.H.

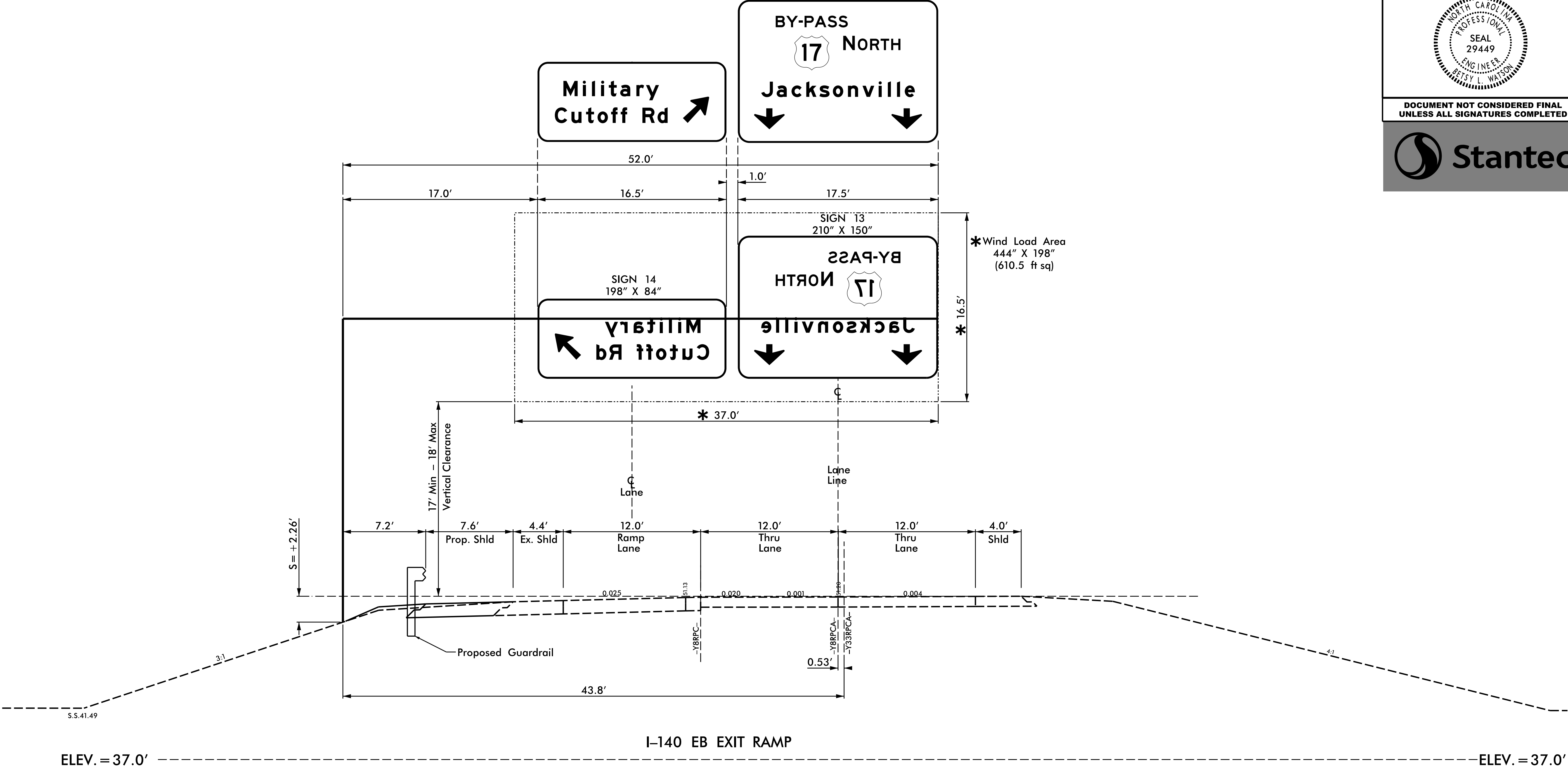
* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO. :
LATITUDE (DD) :
LONGITUDE (DD) :

OVERHEAD SIGN STRUCTURE '4'
I-140 EB @ -Y33- STA. 48+15
(-Y8- STA. 65+95)

TIP NO.	SHEET NO.
R-3300A	SIGN-3F
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

OVERHEAD SIGN STRUCTURE '5'
I-140 EB EXIT RAMP @ -Y33RPCA- STA. 18+36
(U-4751 -Y8RPCA- STA. 52+29 LT /-Y8RPC- STA. 34+66 LT)



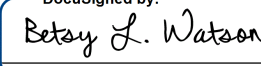
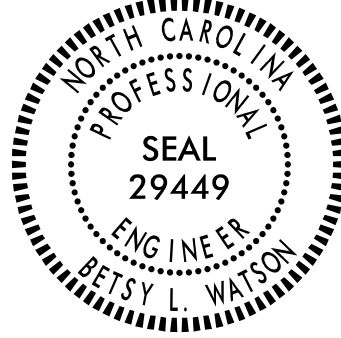
NOTES:

- 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 130 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 130 M.P.H.

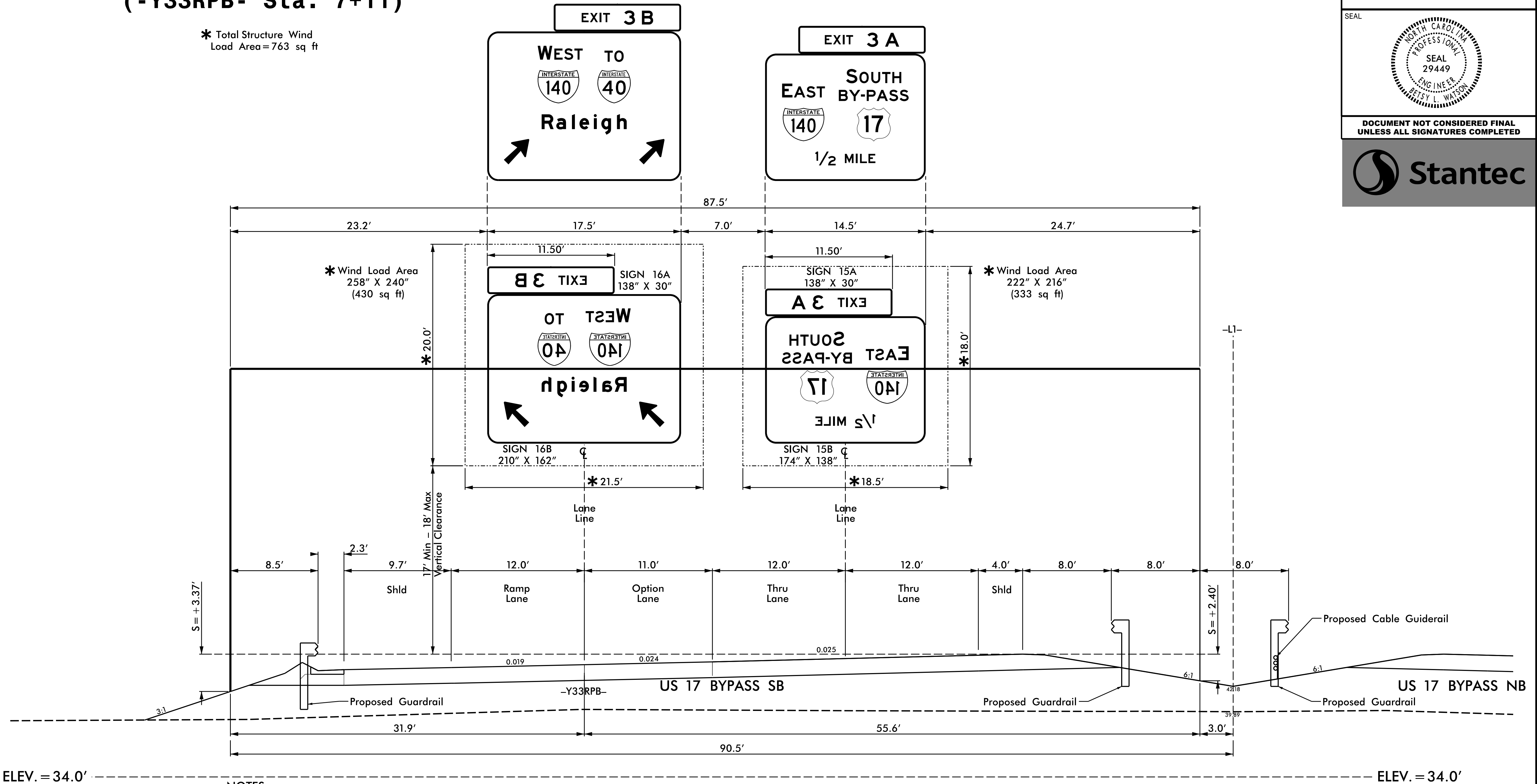
STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):

OVERHEAD SIGN STRUCTURE '5'
I-140 EB EXIT RAMP @
-Y33RPCA- STA. 18+36
(-Y8RPC- STA. 34+66)

TIP NO.	SHEET NO.
R-3300A	SIGN-3G
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

OVERHEAD SIGN STRUCTURE '6'
US 17 BYPASS SB @ -L1- STA. 246+10
(-Y33RPB- Sta. 7+11)

* Total Structure Wind
Load Area=763 sq ft



ELEV. = 34.0' ----- ELEV. = 34.0'

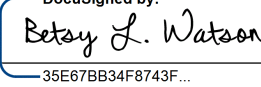
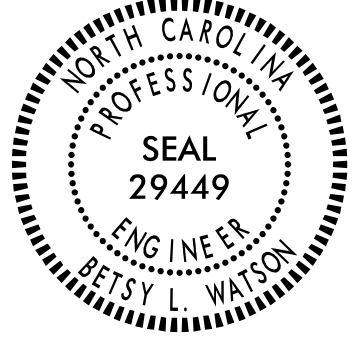
NOTES:

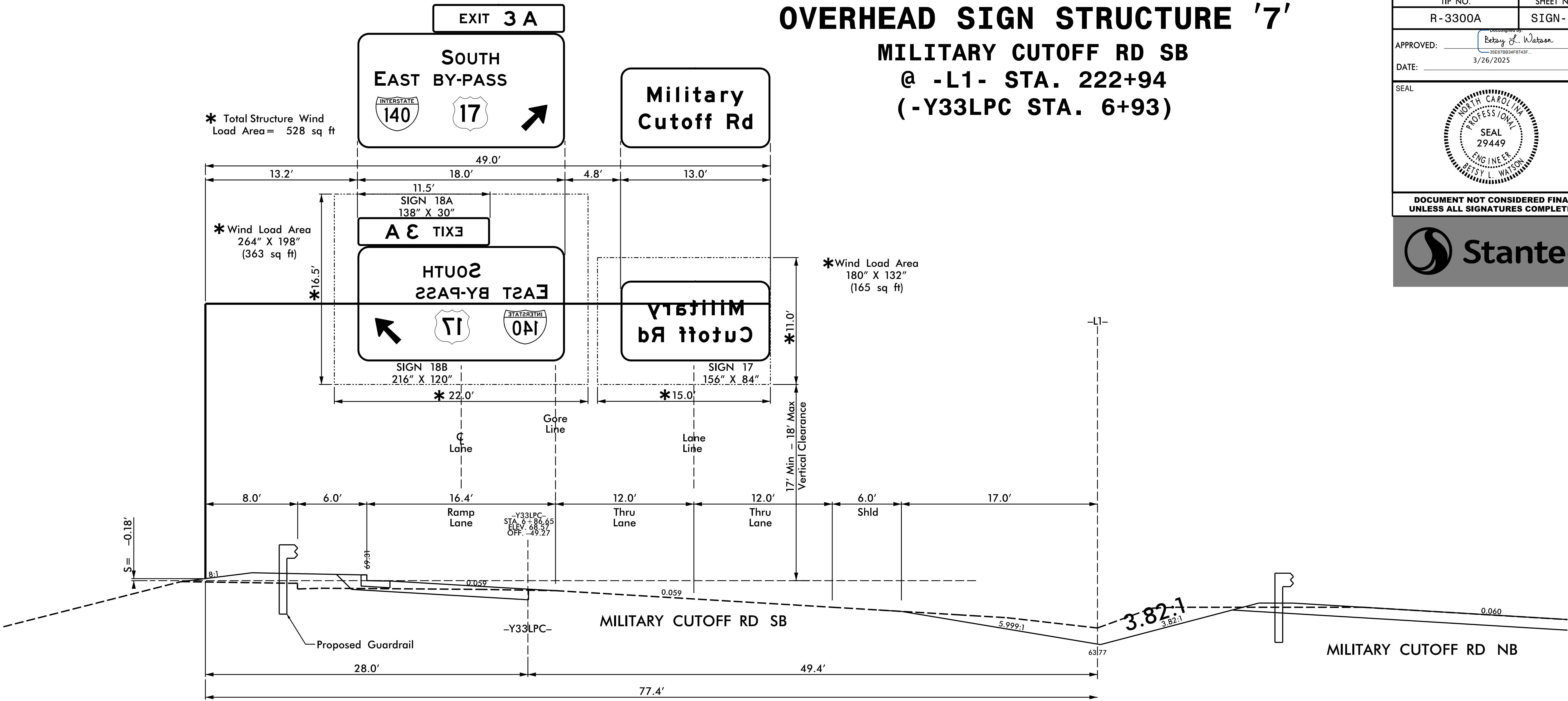
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER 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 130 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 130 M.P.H.

STRUCTURE NO. :
LATITUDE (DD) :
LONGITUDE (DD) :

OVERHEAD SIGN STRUCTURE '6'
US 17 BYPASS SB @ -L1- STA. 246+00
(-Y33RPB- Sta. 7+21)

TIP NO.	SHEET NO.
R-3300A	SIGN-3H
APPROVED: 	
DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	



OVERHEAD SIGN STRUCTURE '7'
MILITARY CUTOFF RD SB
@ -L1- STA. 222+94
(-Y33LPC STA. 6+93)

TIP NO. R-3300A	SHEET NO. SIGN-3I
APPROVED: <i>Petsy L. Watson</i> DATE: 3/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ELEV. = 39.0' ----- ELEV. = 39.0'

65.21

* 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 130 M.P.H.

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 130 M.P.H.

STRUCTURE NO. : LATITUDE (DD) : LONGITUDE (DD) :
OVERHEAD SIGN STRUCTURE '7' (MILITARY CUTOFF RD SB) -L1- STA. 222+94 -Y33LPC STA. 6+93

OVERHEAD SIGN STRUCTURE '8'
US 17 BYPASS NB @ -L1- STA. 246+70
(-Y33RPCA- STA. 59+99)

TIP NO.
R-3300A

SHEET NO.
SIGN-3J

APPROVED:

Petsy L. Watson

SS0678854F8743F...

DATE: 3/26/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

29449

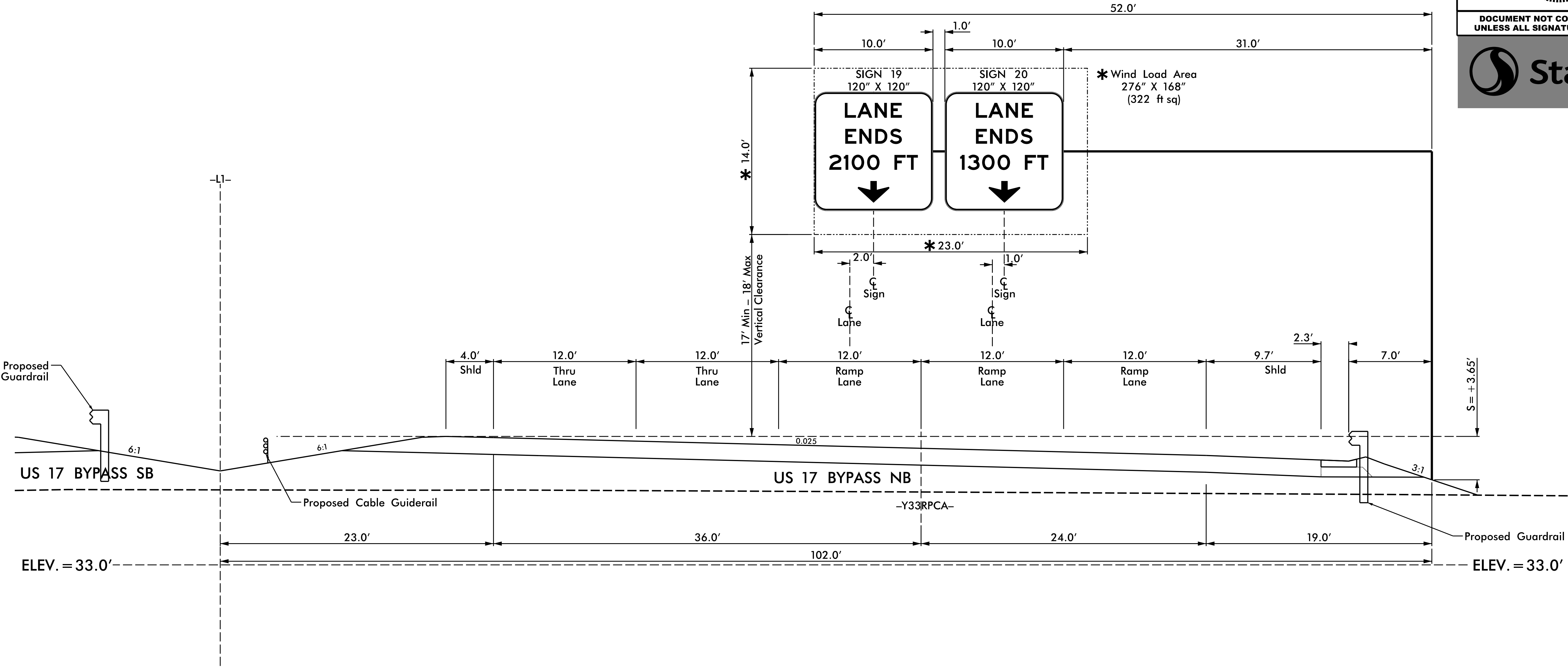
ENGINEER

PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Stantec



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 130 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 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):

OVERHEAD SIGN STRUCTURE '8'
US 17 BYPASS NB @ -L1- STA. 246+70
(-Y33RPCA- STA. 59+99)

OVERHEAD SIGN STRUCTURE '9'
US 17 BYPASS NB @ -L1- STA. 259+88

TIP NO.
R-3300A

SHEET NO.
SIGN-3K

APPROVED:

DESIGNED BY

Petsy L. Watson

DATE: 3/26/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

29449

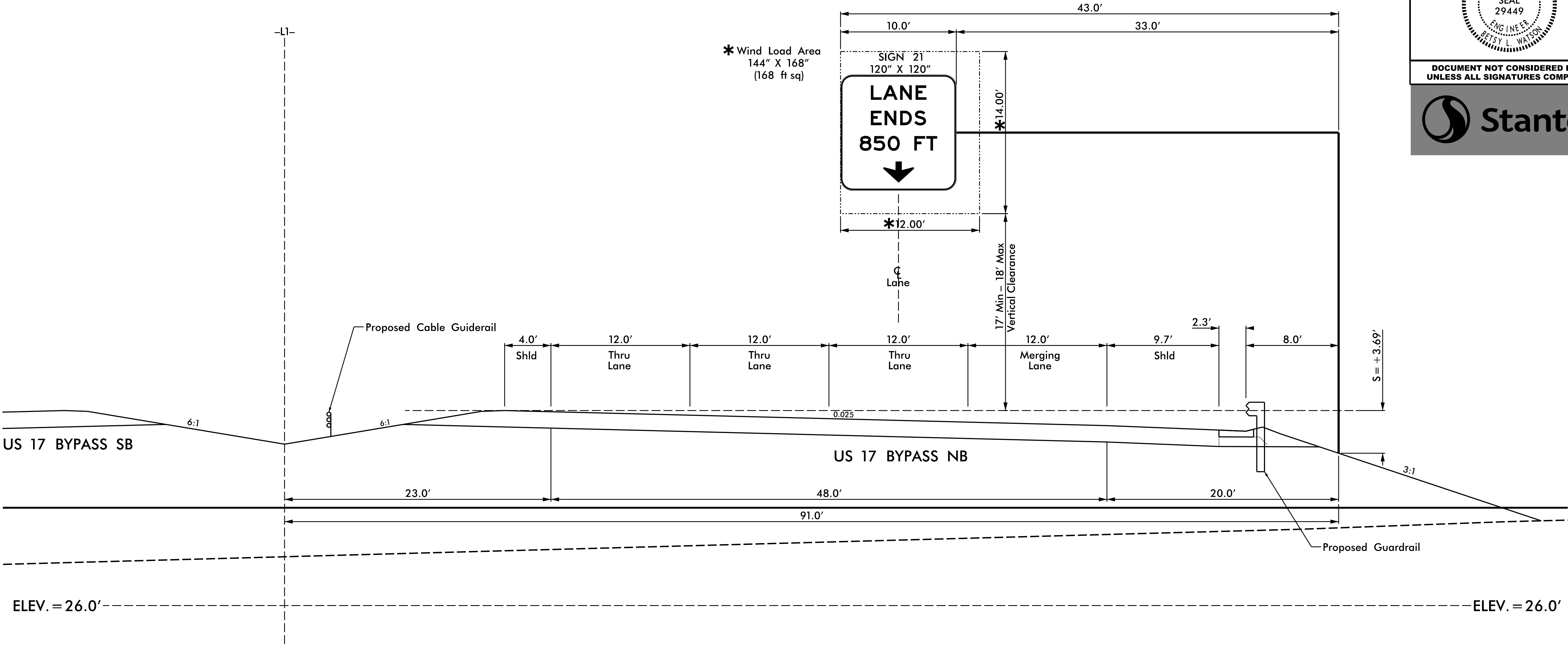
ENGINEER

PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Stantec



NOTES:

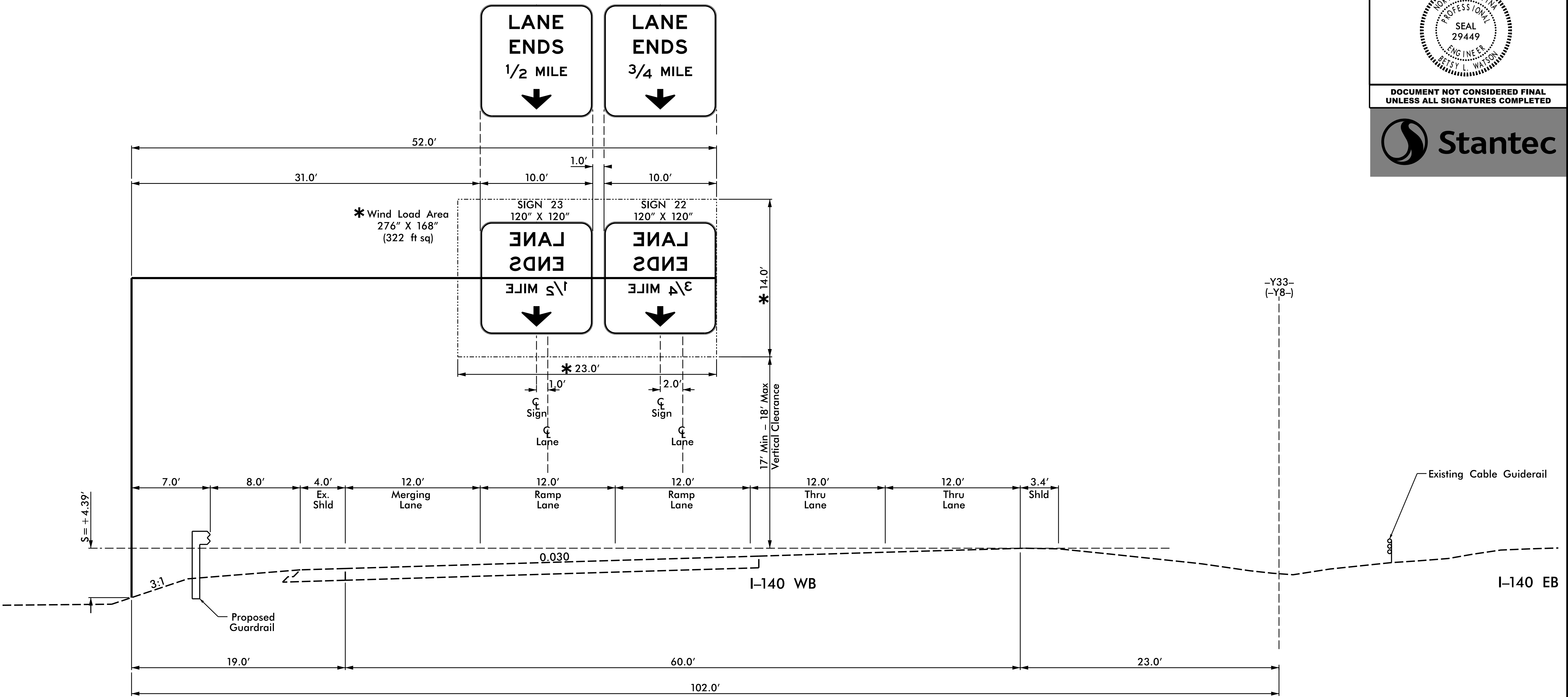
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE 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 130 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 130 M.P.H.

STRUCTURE NO. :
LATITUDE (DD) :
LONGITUDE (DD) :

OVERHEAD SIGN STRUCTURE '9'
US 17 BYPASS NB @ -L1- STA. 259+88

OVERHEAD SIGN STRUCTURE '10'
I-140 WB @ -Y33- STA. 52+00
(U-4751 -Y8- STA. 69+80)



NOTES:

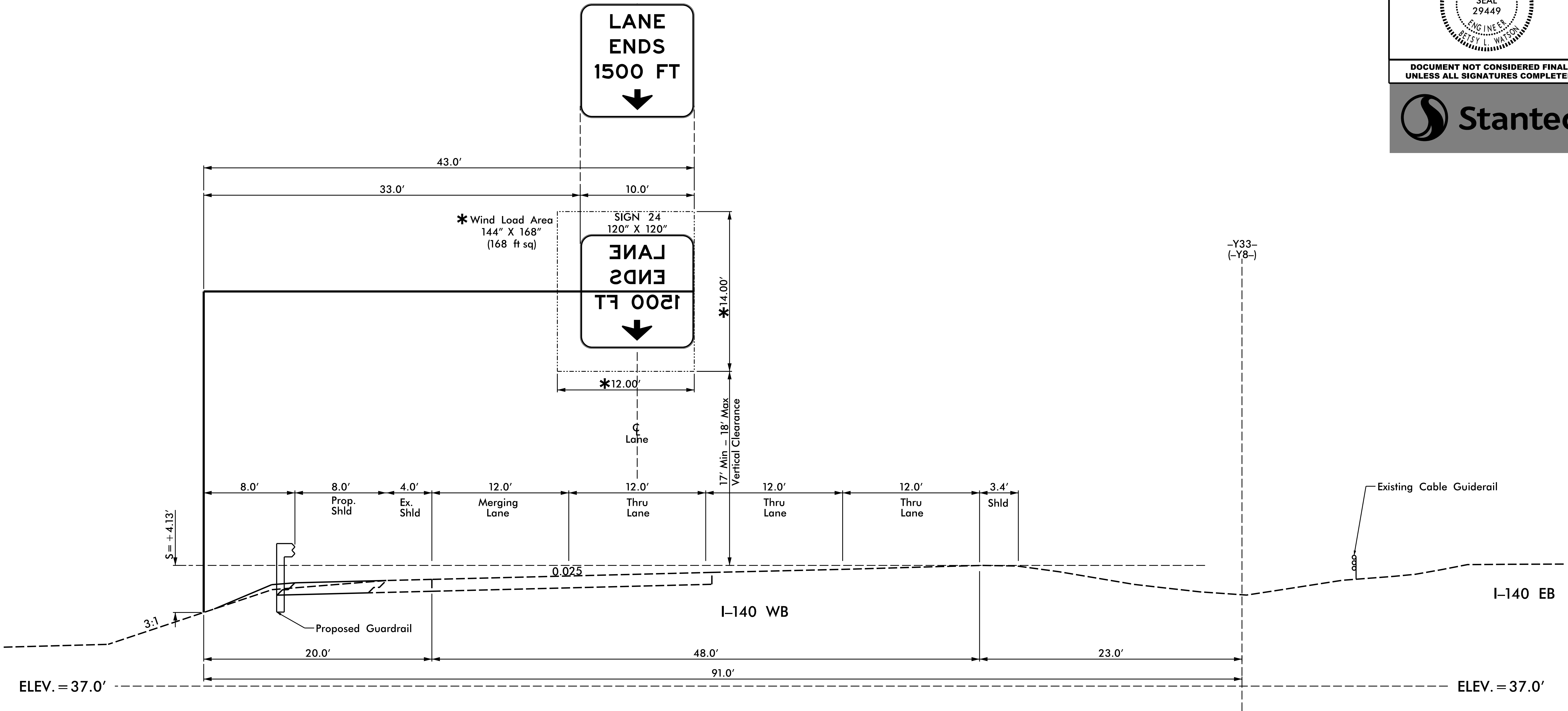
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE 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 130 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 130 M.P.H.

STRUCTURE NO.:	
LATITUDE (DD):	
LONGITUDE (DD):	
OVERHEAD SIGN STRUCTURE '10' I-140 WB @ -Y33- STA. 52+00 (-Y8- STA. 69+80)	

TIP NO.	SHEET NO.
R-3300A	SIGN-3L
APPROVED:	
DATE:	3/26/2025
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

OVERHEAD SIGN STRUCTURE '11'
I-140 WB @ -Y33- STA. 36+80
(U-4751 -Y8- STA. 54+60)



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 130 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 130 M.P.H.

STRUCTURE NO.:
LATITUDE (DD):
LONGITUDE (DD):

OVERHEAD SIGN STRUCTURE '11'
I-140 WB @ -Y33- STA. 36+80
(-Y8- STA. 54+60)

```

#####SYTIME#####
#####CDN#####
#####USERNAME#####

```


EXISTING OVERHEAD SIGN STRUCTURE
(R-3300B - STRUCTURE "E")
US 17/NC 210 @ -L- STA. 233+44
(-Y32- STA. 12+44)

TIP NO.
R-3300A

SHEET NO.
SIGN-3N

APPROVED:

Petsy L. Watson

3/26/2025

DATE:

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

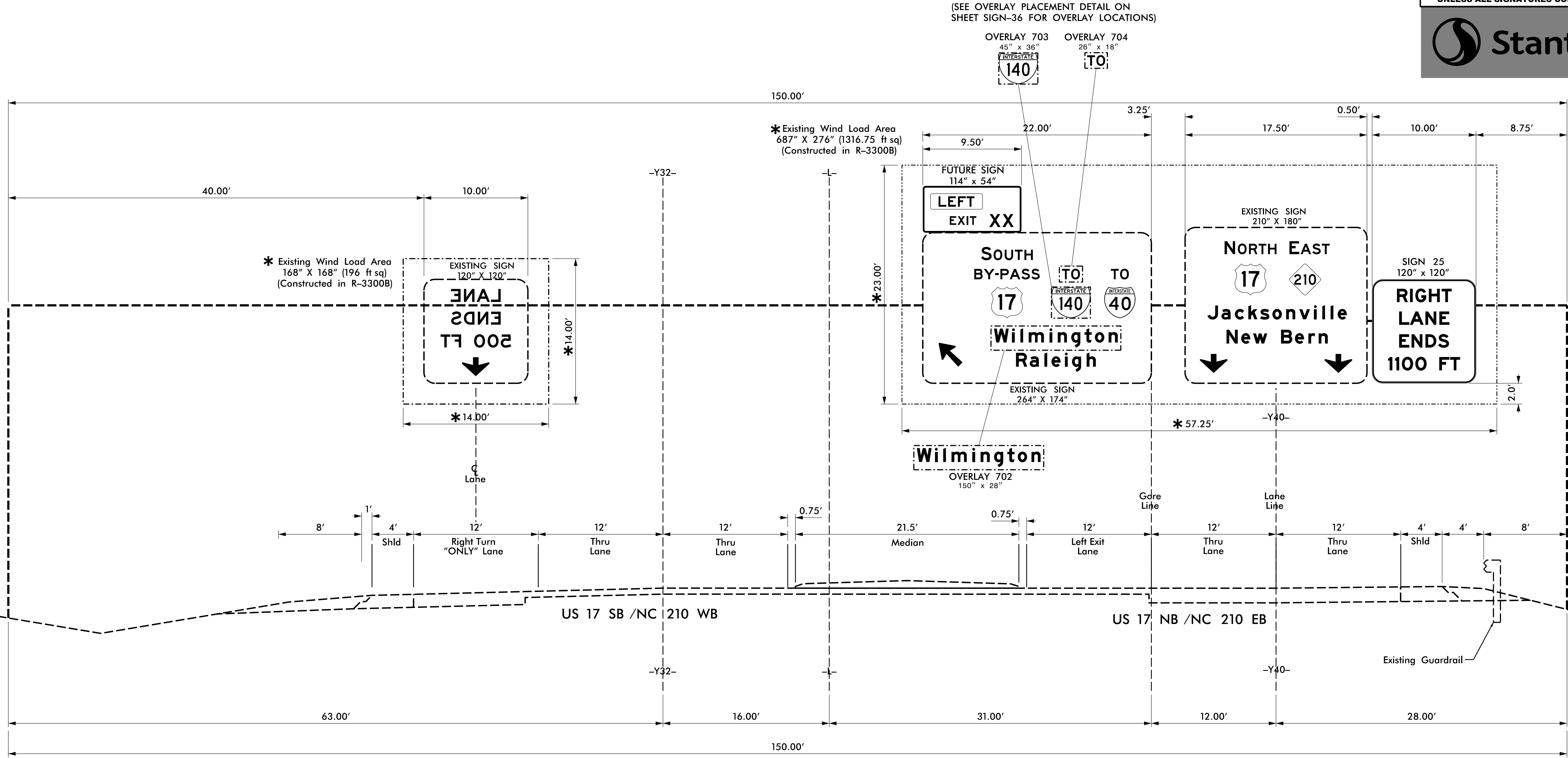
29449

ENGINEER

PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



NOTES:
1. EXISTING SIGN STRUCTURE
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
4. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

*THESE DIMENSIONS WERE SPECIFIED TO BE USED FOR THE WIND LOAD AND DEAD LOAD COMPUTATIONS IN THE DESIGN OF THE EXISTING STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO.: 700270
LATITUDE (DD): 34.404664
LONGITUDE (DD): -77.663378
EXISTING OVERHEAD SIGN STRUCTURE
(R-3300B - STRUCTURE "E")
(US 17/NC 210 @ -L- STA. 233+44)
(-Y32- STA. 12+44)

SEAL/STAMP AREA

EXISTING OVERHEAD SIGN STRUCTURE
(R-3300B - STRUCTURE "F")
(US 17 SB/NC 210 WB @ -L1 NORTHERN- STA. 874+60)
(-Y32- Sta. 47+12)

TIP NO.
R-3300A

SHEET NO.
SIGN-30

APPROVED:

Petsy L. Watson

SS0978854F8743F...

DATE: 3/26/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

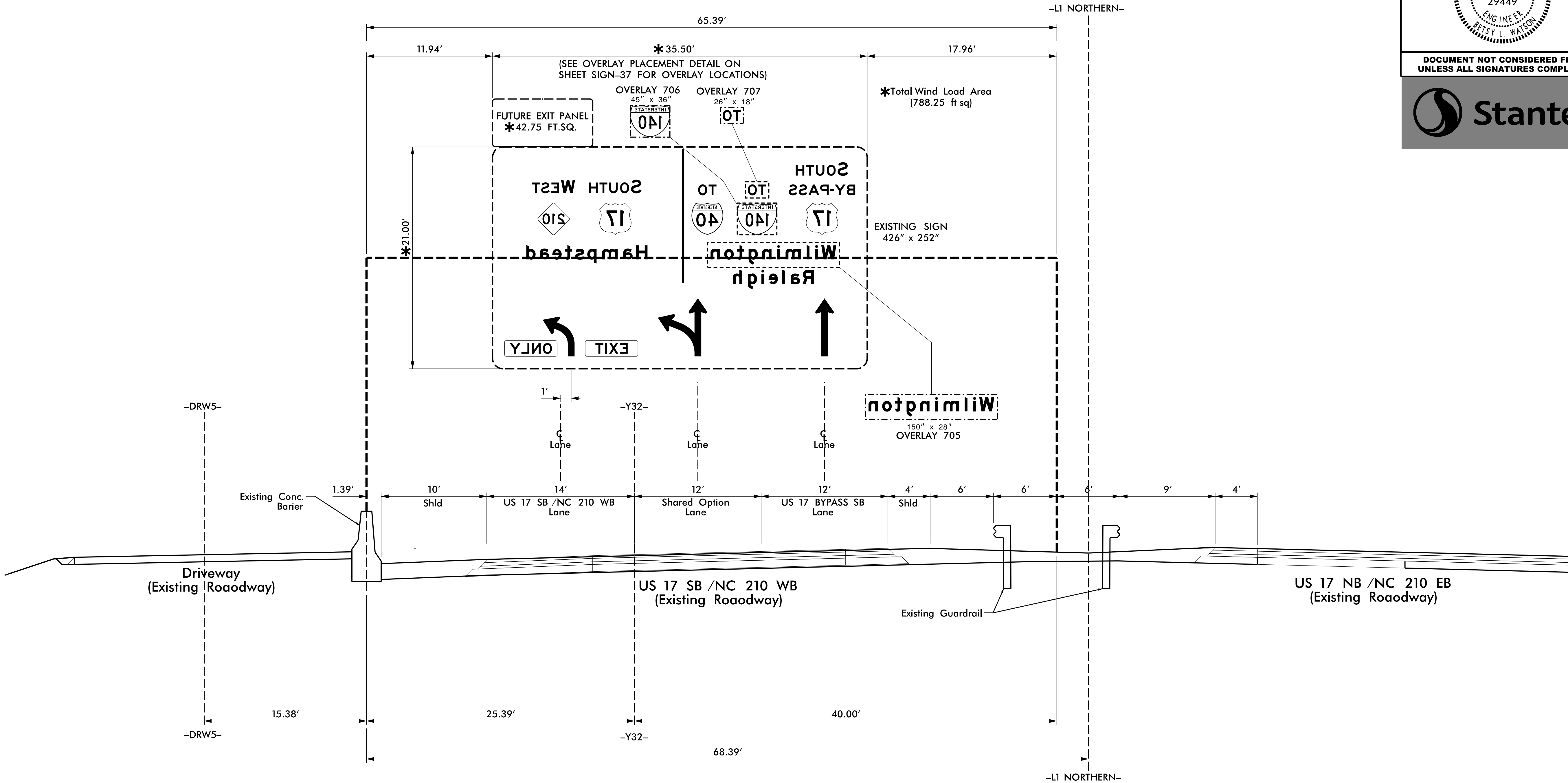
29449

ENGINEER

PETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec



NOTES:

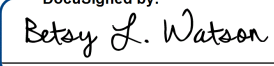
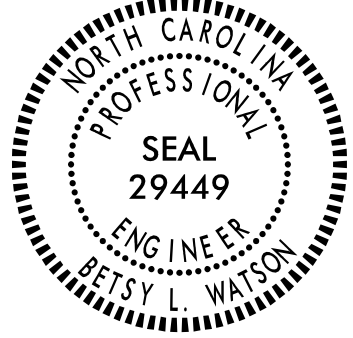
1. NA
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. NA
4. NA
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

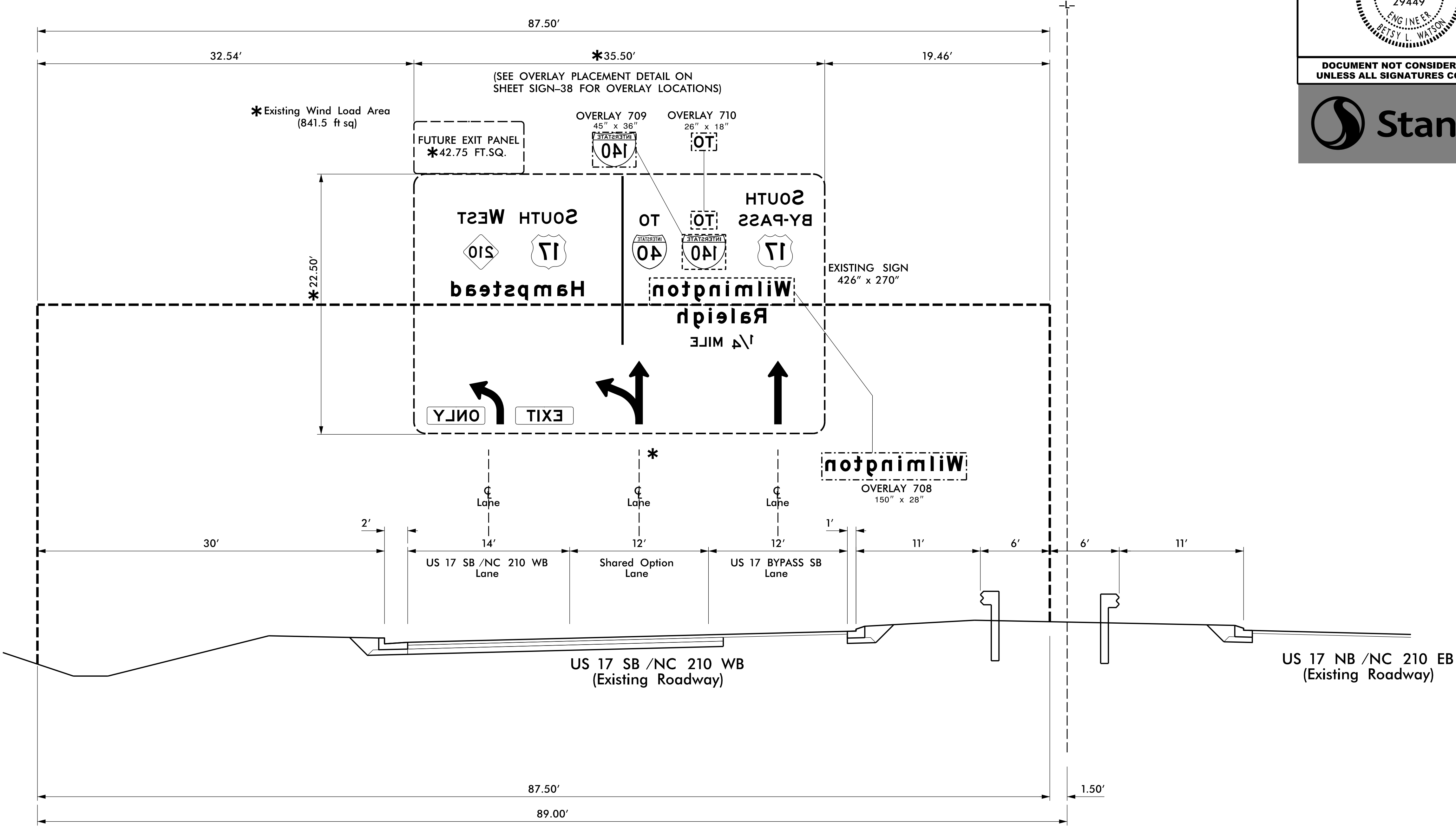
*THESE DIMENSIONS WERE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

STRUCTURE NO.: 700271
LATITUDE (DD): 34.401724
LONGITUDE (DD): -77.667233

EXISTING OVERHEAD SIGN STRUCTURE
(R-3300B - STRUCTURE "F")
(US 17 SB/NC 210 WB @
-L1 NORTHERN- STA. 874+60)

EXISTING OVERHEAD SIGN STRUCTURE
(R-3300B - STRUCTURE "G")
(US 17 SB/NC 210 WB @ -L- STA. 279+50)

TIP NO.	SHEET NO.
R-3300A	SIGN-3P
APPROVED: 	
DATE: 3/26/2025	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	



NOTES:

1. N/A
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. N/A
4. N/A
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 130 M.P.H.

* THESE DIMENSIONS WERE 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 130 M.P.H.

STRUCTURE NO.:	700272
LATITUDE (DD):	34.404597
LONGITUDE (DD):	-77.663432
EXISTING OVERHEAD SIGN STRUCTURE (R-3300B - STRUCTURE "G") (US 17 SB/NC 210 WB @ -L- STA. 279+50)	

[illegible]

SIGN NUMBER: 4

TYPE: A

QUANTITY: 1

SIGN WIDTH: 18'-0"

HEIGHT: 14'-6"

TOTAL AREA: 261.0 Sq.Ft.

BORDER TYPE: FLUSH

RECESS: 0"

WIDTH: 2"

RADII: 12"

No. Z BARS: 5

LENGTH: 208.0

BACKG COLOR: Green

COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	62.4	102.8	36	36
ARDOWN	20	11.8	32	22
ARDOWN	164	11.8	32	22

MAT'L: 0.125" (3.2 mm) ALUMINUM

NOTES:

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

PROJECT ID: R-3300A

DESIGN BY: James Hambricht

LOCATION: OVERHEAD SIGN STRUCTURE ("2")

-L- STA. 201+77 (RT)

CHECKED BY: Name

DIVISION: 3

DATE: Feb 09, 2023

18'-0"

14'-6"

14.2"

12.1"

9"

36"

69.1"

22"

11.7"

35.18"

15"E

12"E

33.72"

16"EM

12"

16"EM

12.36"

21.96"

11.78"

120"

176"

20"

BORDER

R=12"

TH=2"

BY-PASS

17

NORTH

Jacksonville

New Bern

↓

↓

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size
	B	Y	-	P	A	S	S											Text Length
42.6	11	13.1	6.1	10.7	13.6	11.4	9.7	97.8										E 2000
	N		O	R	T	H												75.6
113.4	12.2	3.1	12.8	11	11	9.7	42.6											E 2000
	J	o	c	k	s	o	n	v	i	l	l	e						59.9
27.5	16.2	15.5	15.5	13.8	14.1	15.8	15.2	17	9.6	9.6	8.2	10.6	27.5					EM 2000
	N	e	w		B	e	r	n										161
49.5	17	13.8	16.3	16	16	15.5	11.8	10.6	49.5									EM 2000
																		117

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" AND "B" SIGNS (OVERHEAD)

TIP NO.
R-3300A

SHEET NO.
SIGN-4A

APPROVED:

DocuSign Envelope ID: 35E678B54F8743F...

Betsy L. Watson

DATE:

3/26/2025

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



SIGN NUMBER: 5

TYPE: A
QUANTITY: 1

SIGN WIDTH: 18'-6"
HEIGHT: 15'-6"
TOTAL AREA: 286.8 Sq.Ft.

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

No. Z BARS: 6
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_1	17.9	85.3	45	36
MT_4	148.3	85.3	36	36
AR_Type A	17.3	5.2	22.2	35
AR_Type A	177.2	5.2	22.2	35

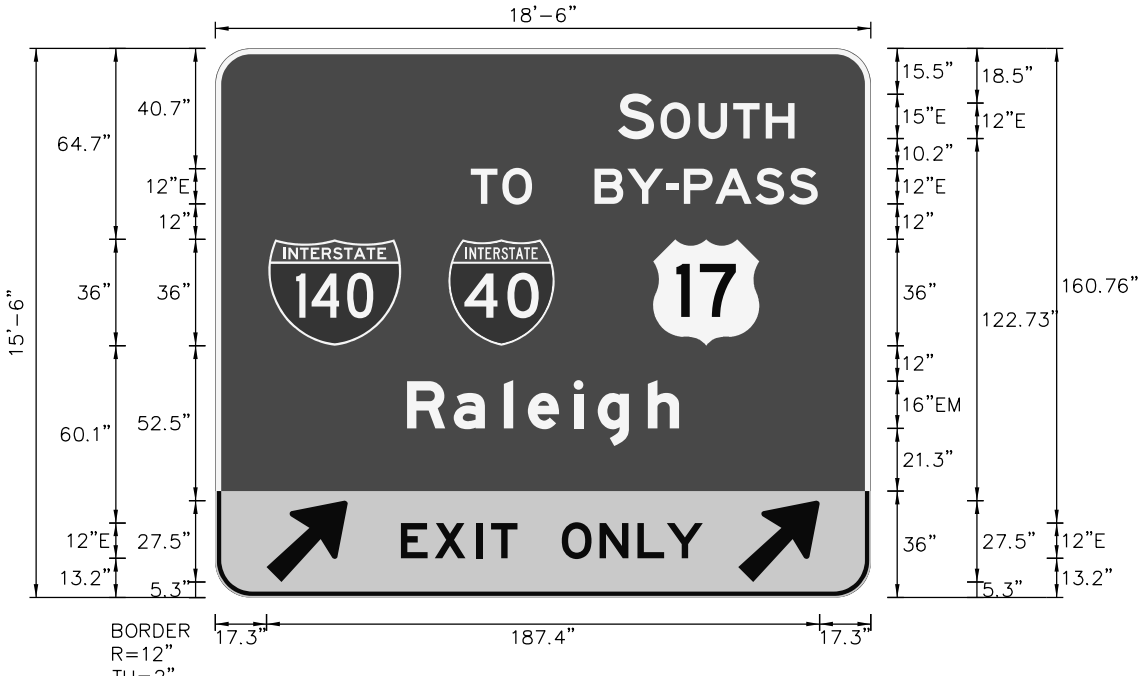
MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: OVERHEAD SIGN STRUCTURE ("2")
-L- STA. 201+77 (RT)

CHECKED BY: Name

DIVISION: 3

DATE: Feb 09, 2023



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																Series/Size Text Length
	S	O	U	T	H											E 2000
	136.4	12.2	2.2	12.8	11.8	11	9.7	25.9								59.8
	T	O														E 2000
	86.6	10.7	10.1	114.7												20.8
	B	Y	-	P	A	S	S									E 2000
	128.5	11	13.1	6.1	10.7	13.6	11.4	9.7	17.9							75.6
	R	O	I	E	I	Q	H									EM 2000
	64.9	15.8	17	8.2	15.5	8.2	17	10.6	64.9							92.2
	E	X	I	T												E 2000
	62.8	11.4	13.9	5.1	9	119.6										39.5
	O	N	L	Y												E 2000
	117.4	12.8	12.8	9.9	12.2	56.8										47.8

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 6

TYPE: A
QUANTITY: 1

SIGN WIDTH: 18'-0"
HEIGHT: 10'-0"
TOTAL AREA: 180.0 Sq.Ft.

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

No. Z BARS: 3
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_1	18.9	17.8	45	36
MT_4	99.4	17.8	36	36
AR_Type A	170.2	17.8	22.2	35

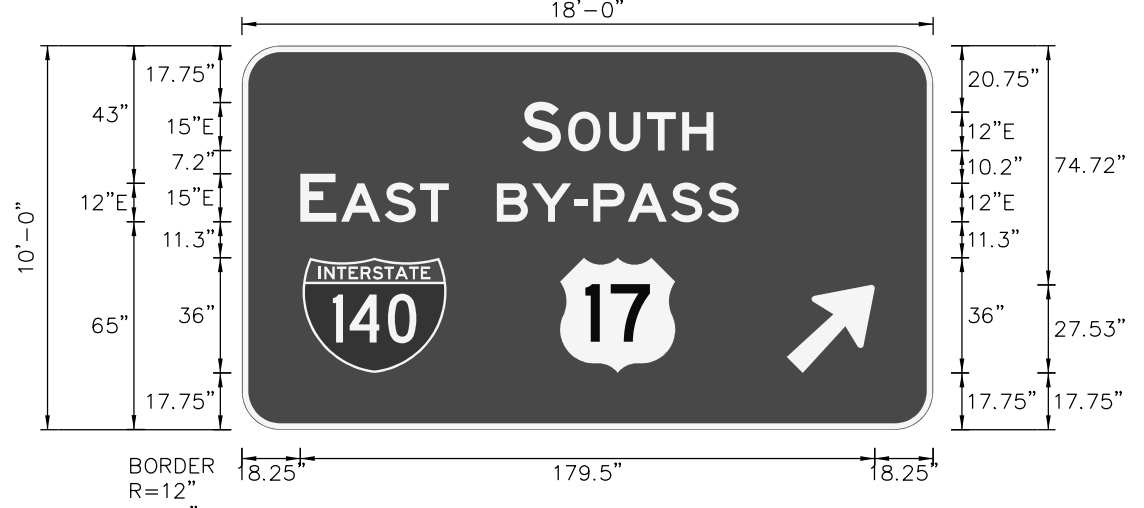
MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: EXISTING OVERHEAD SIGN STRUCTURE "G"
-Y8RDPB- STA. 23+50

CHECKED BY: Name

DIVISION: 3

DATE: Feb 09, 2023



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																Series/Size Text Length
	S	O	U	T	H											E 2000
	87.5	12.2	2.2	12.8	11.8	11	9.7	68.7								59.8
	E	A	S	T												E 2000
	18.2	11.3	1.5	13.6	11	9	51.4									46.4
	B	Y	-	P	A	S	S									E 2000
	79.6	11	13.1	6.1	10.7	13.6	11.4	9.7	60.8							75.6

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 7A, 10A

TYPE: B
QUANTITY: 2

SIGN WIDTH: 11'-6"
HEIGHT: 2'-6"
TOTAL AREA: 28.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 3"

No. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

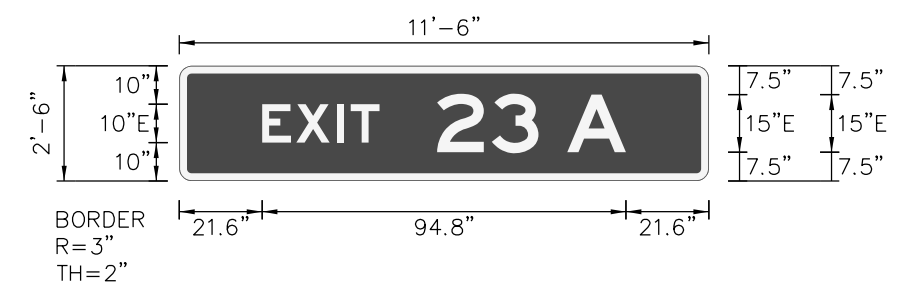
MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: Mount above Sign #7B and #10B

CHECKED BY: Name

DIVISION: 3

DATE: Aug 30, 2018



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																Series/Size Text Length
	E	X	I	T	2	3	A									E 2000
	21.6	8.9	10.7	3.5	7.5	15	14.3	12.2	7.5	15.3	21.6					94.8

FILENAME: Proposed Sign Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 7B

TYPE: A
QUANTITY: 1

SIGN WIDTH: 13'-0"
HEIGHT: 9'-0"
TOTAL AREA: 117.0 Sq.Ft.

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

No. Z BARS: 3
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: OVERHEAD SIGN STRUCTURE ("3")
-Y33- STA. 100+00 (-Y33RPA- STA. 5+00)

CHECKED BY: Name

DIVISION: 3

DATE: Dec 05, 2022



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																Series/Size Text Length
	M	i	I	i	t	o	r	y								EM 2000
	27.9	20.3	9.6	9.6	8	12	17	10.1	13.6	27.9						100.2
	C	u	t	o	f	f	R	d								EM 2000
	18.9	17.4	15.4	12	14.2	10.1	6.7	16	15.8	10.6	18.9					118.2
	1/4	M	I	L	E											E 2000
	45.5	22	10	12	4.4	9.2	7.5	45.5								65.1

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" AND "B" SIGNS
(OVERHEAD)

SIGN NUMBER: 9A	PROJECT ID: R-3300A DESIGN BY: James Hambright LOCATION: Mount above Sign #9B	CHECKED BY: Name DIVISION: 3 DATE: Jan 31, 2023																																																		
TYPE: A QUANTITY: 1	BKGRD COLOR: Green COPY COLOR: White																																																			
SIGN WIDTH: 14'-0" HEIGHT: 2'-6" TOTAL AREA: 35.0 Sq.Ft.	<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> </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																																																
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIO: 3.25"	MAT'L: 0.125" (3.2 mm) ALUMINUM																																																			
No. Z BARS: 2 LENGTH: 160.0	NOTES:																																																			
1. Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black). 2. Background shall be Grade "C" reflective sheeting.																																																				

EXITS 20 B-A

Dimensions shown:
 Width: 14'-0"
 Height: 2'-6"
 Corner Radius: R=3.25"
 Spacing Factor: 1 unless specified otherwise.

[illegible]

TYPE "A" AND "B" SIGNS (OVERHEAD)

[illegible][illegible]

TYPE "A" AND "B" SIGNS (OVERHEAD)

[illegible][illegible]

TYPE "A" AND "B" SIGNS (OVERHEAD)

[illegible]

SIGN NUMBER: 19	PROJECT ID: R-3300A DESIGN BY: James Hambrick LOCATION: OVERHEAD SIGN STRUCTURE "B" -L1- STA. 246+70 (RT) (-Y33RPA- STA. 59+99)	CHECKED BY: Name DIVISION: 3 DATE: Sep 04, 2018																																													
TYPE: A QUANTITY: 1	BACKG COLOR: Yellow COPY COLOR: Black																																														
SIGN WIDTH: 10'-0" HEIGHT: 10'-0" TOTAL AREA: 100.0 Sq.Ft.	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr><td>ARDOWN</td><td>44</td><td>8.1</td><td>32</td><td>22</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	ARDOWN	44	8.1	32	22																																				
SYMBOL	X	Y	WID	HT																																											
ARDOWN	44	8.1	32	22																																											
BORDER TYPE: FLUSH RECESS: 0.5" WIDTH: 1.5" RADII: 12"	MAT'L: 0.125" (3.2 mm) ALUMINUM																																														
No. Z BARS: 3 LENGTH: 112.0	NOTES:																																														
1. Legend and border shall be direct applied, non-reflective, black sheeting. 2. Background shall be Grade "C" reflective sheeting.		BORDER R=12" TH=1.5" IN=0.5" Spacing Factor is 1 unless specified otherwise																																													

TYPE "A" AND "B" SIGNS (OVERHEAD)

SIGN NUMBER: 20	PROJECT ID: R-3300A DESIGN BY: James Hambright LOCATION: OVERHEAD SIGN STRUCTURE "8" -L1- STA. 246+70 (RT) (-Y3RPCA- STA. 59+99)	DIVISION: 3 DATE: Sep 04, 2018																																													
TYPE: A QUANTITY: 1	BACKG COLOR: Yellow COPY COLOR: Black																																														
SIGN WIDTH: 10'-0" HEIGHT: 10'-0" TOTAL AREA: 100.0 Sq.Ft.	<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>ARDOWN</td> <td>44.2</td> <td>8.1</td> <td>32</td> <td>22</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	ARDOWN	44.2	8.1	32	22																																				
SYMBOL	X	Y	WID	HT																																											
ARDOWN	44.2	8.1	32	22																																											
BORDER TYPE: FLUSH RECESS: 0.5" WIDTH: 1.5" RADII: 12"																																															
No. Z BARS: 3 LENGTH: 112.0																																															
NOTES:																																															
1. Legend and border shall be direct applied, non-reflective, black sheeting. 2. Background shall be Grade "C" reflective sheeting.																																															
Spacing Factor is 1 unless specified otherwise																																															

LETTER POSITIONS														
Letter spacings are to start of next letter														
	L	A	N	E										Series/Size Text Length
31.2	12.5	17.9	16	11.3	31.2									E 2000 57.6
	E	N	D	S										E 2000 57.2
31.4	14.3	16.1	14.7	12.2	31.4									E 2000 57.2
	I	3	O	O		F	T							E 2000 89.1
15.5	7.5	14.7	15.6	12.6	15	12.4	11.3	15.5						

SIGN NUMBER: A TYPE: A QUANTITY: 1 SIGN WIDTH: 10'-0" HEIGHT: 10'-0" TOTAL AREA: 100.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.5" WIDTH: 1.5" RADII: 12" No. Z BARS: 3 LENGTH: 112.0	BACKG COLOR: Yellow COPY COLOR: Black <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> </thead> <tbody> <tr> <td>ARDOWN</td><td>44.2</td><td>8.1</td><td>32</td><td>22</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	ARDOWN	44.2	8.1	32	22																																														PROJECT ID: R-3300A DESIGN BY: James Hambright LOCATION: OVERHEAD SIGN STRUCTURE "g" -L1- STA. 259+88 (RT) BORDER R=12" TH=1.5" IN=0.5"
SYMBOL	X	Y	WID	HT																																																					
ARDOWN	44.2	8.1	32	22																																																					
NOTES: 1. Legend and border shall be direct applied, non-reflextive, black sheeting. 2. Background shall be Grade "C" reflective sheeting.																																																									

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter															Series/Size Text Length
L	A	N	E												E 2000 57.6
E	N	D	S												E 2000 57.2
8	5	O	F	T											E 2000 80.3

FILENAME: Proposed Sign Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 22	PROJECT ID: R-3300A DESIGN BY: James Hambrick LOCATION: OVERHEAD SIGN STRUCTURE "10" -Y33- STA. 52+00 (LT)	DIVISION: 3 DATE: Sep 04, 2018																																													
TYPE: A QUANTITY: 1	BACKG COLOR: Yellow COPY COLOR: Black																																														
SIGN WIDTH: 10'-0"	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>ARROWN</td> <td>44</td> <td>8.1</td> <td>32</td> <td>22</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	ARROWN	44	8.1	32	22																																				
SYMBOL	X	Y	WID	HT																																											
ARROWN	44	8.1	32	22																																											
HEIGHT: 10'-0"																																															
TOTAL AREA: 100.0 Sq.Ft.																																															
BORDER TYPE: FLUSH	MAT'L: 0.125" (3.2 mm) ALUMINUM																																														
RECESS: 0.5"																																															
WIDTH: 1.5"																																															
RADII: 12"																																															
No. Z BARS: 3																																															
LENGTH: 112.0																																															
NOTES:																																															
1. Legend and border shall be direct applied, non-reflective, black sheeting. 2. Background shall be Grade "C" reflective sheeting.																																															

Spacing Factor is 1 unless specified otherwise

[illegible]

TIP NO.	SHEET NO.
R-3300A	SIGN-4F
DocuSigned by: <i>Betsy L. Watson</i> 35E67B54F8743F	
APPROVED:	
DATE:	3/26/2025
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

TYPE "A" AND "B" SIGNS (OVERHEAD)

```

#####SYTIME#####
#####DGN#####
#####USERNAME#####

```


SIGN NUMBER: 26		PROJECT ID: R-3300A CHECKED BY: Name DIVISION: 3																																									
TYPE: A QUANTITY: SIGN WIDTH: HEIGHT: TOTAL AREA: BORDER TYPE: RECESS: WIDTH: RADII: No. Z BARS: LENGTH: BACKG COLOR: COPY COLOR: <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 60%;">SYMBOL</th><th style="width: 5%;">X</th><th style="width: 5%;">Y</th><th style="width: 10%;">WID</th><th style="width: 10%;">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></tbody></table> MAT'L:		SYMBOL	X	Y	WID	HT																																				DESIGN BY: James Hambricht LOCATION: DATE: Sign #26 has been removed from this plan set.	
SYMBOL	X	Y	WID	HT																																							
NOTES:																																											

TYPE "A" AND "B" SIGNS
(OVERHEAD)

TYPE "A" AND "B" SIGNS (OVERHEAD)

TIP NO.
R-3300A

SHEET NO.
SIGN-4H

APPROVED:

DocuSign Envelope ID: 35E678B8-6AF8-743F-...

Betsy L. Watson

DATE:

3/26/2025

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
29449
ENGINEER
BETSY L. WATSON

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Stantec

SIGN NUMBER: 27

TYPE: A
QUANTITY: 1

SIGN WIDTH: 18'-6"
HEIGHT: 14'-6"
TOTAL AREA: 268.3 Sq.Ft.

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

No. Z BARS: 5
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_1	18.9	74.9	45	36
MT_1	79.9	74.9	36	36
MT_4	149.2	74.9	36	36
ARDOWN	23	13	32	22
ARDOWN	167	13	32	22

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambricht
LOCATION: US 17 NB @ I-140/US 17 Bypass Interchange
(Mount on existing overhead sign structure)

CHECKED BY: Name

DIVISION: 3

DATE: Feb 13, 2023

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length
	N		O	R	T	H												E 2000 59.9
	W		E	S	T													E 2000 59.9
	17		15.9	2.2	10.7	11	9	56.2										E 2000 48.8
	B	Y	-	P	A	S	S											E 2000 75.6
	129.4	11	13.1	6.1	10.7	13.6	11.4	9.7	17									E 2000 20.8
	T	O																E 2000 20.8
	87.5	10.7	10.1	113.7														EM 2000 92.2
	R	o	i	e	i	g	h											
	64.9	15.8	17	8.2	15.5	8.2	17	10.6	64.9									

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 28

TYPE: A
QUANTITY: 1

SIGN WIDTH: 19'-0"
HEIGHT: 8'-6"
TOTAL AREA: 161.5 Sq.Ft.

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

No. Z BARS: 3
LENGTH: 220.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	20.8	50.5	36	36
AR_Type A	179.7	16.7	22.2	35

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambricht
LOCATION: US 17 SB @ I-140/US 17 Bypass Interchange
(Mount on existing overhead sign structure)

CHECKED BY: Name

DIVISION: 3

DATE: Dec 09, 2020

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length
	S		O	U	T	H												E 2000 59.8
	71.8	12.2	2.2	12.8	11.8	11	9.7	96.4										E 2000 59.8
	W	i	l	m	i	n	g	t	o	n								EM 2000 142.9
	20.8	20.8	9.6	9.6	24	9.6	15.5	15.4	12	15.8	10.6	64.3						

FILENAME: Proposed Sign Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 29

TYPE: A
QUANTITY: 1

SIGN WIDTH: 17'-0"
HEIGHT: 13'-0"
TOTAL AREA: 221.0 Sq.Ft.

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

No. Z BARS: 4
LENGTH: 196.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_1	12.6	59.1	45	36
MT_1	73.8	59.1	36	36
MT_4	137.5	59.1	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambricht
LOCATION: US 17 NB @ I-140/US 17 Bypass Interchange
(Mount on existing overhead sign structure)

CHECKED BY: Name

DIVISION: 3

DATE: Feb 13, 2023

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length
	N		O	R	T	H												E 2000 59.9
	W		E	S	T													E 2000 59.9
	10.7	15.9	2.2	10.7	11	9	44.6											E 2000 48.8
	B	Y	-	P	A	S	S											E 2000 75.6
	117.7	11	13.1	6.1	10.7	13.6	11.4	9.7	10.7									E 2000 20.8
	T	O																E 2000 20.8
	81.2	10.7	10.1	102.1														EM 2000 92.2
	R	o	i	e	i	g	h											
	55.9	15.8	17	8.2	15.5	8.2	17	10.6	55.9									E 2000 92.2
	L	E	F	T		L	A	N	E									E 2000 82.9
	60.6	9.2	9.5	8.3	7.5	10	8.3	11.9	10.7	7.5	60.6							

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 30

TYPE: A
QUANTITY: 1

SIGN WIDTH: 16'-0"
HEIGHT: 11'-6"
TOTAL AREA: 184.0 Sq.Ft.

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

No. Z BARS: 3
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	40.5	87.2	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambricht
LOCATION: US 17 NB @ I-140/US 17 Bypass Interchange
(Mount on existing overhead sign structure)

CHECKED BY: Name

DIVISION: 3

DATE: Jan 31, 2023

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length
	N		O	R	T	H												E 2000 59.9
	91.5	12.2	3.1	12.8	11	11	9.7	40.5										E 2000 59.9
	J	a	c	k	s	o	n	v	i	l	l	e						EM 2000 161
	15.5	16.2	15.5	15.5	13.8	14.1	15.8	15.2	17	9.6	9.6	8.2	10.6	15.5				EM 2000 117
	N	e	w		B	e	r	n										E 2000 90.3
	37.5	17	13.8	16.3	16	16	15.5	11.8	10.6	37.5								
	R	i	G	H	T		L	A	N	E								
	50.9	10.1	4.1	10.4	9.8	7.5	10	8.3	11.9	10.7	7.5	50.8						

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" AND "B" SIGNS
(OVERHEAD)

[illegible]

SIGN NUMBER: 13

TYPE: A
QUANTITY: 1

SIGN WIDTH: 18'-0"
HEIGHT: 13'-0"
TOTAL AREA: 234.0 Sq.Ft.

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

No. Z BARS: 4
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	54.8	103	45	36
ARDOWN	20	13.1	32	22
ARDOWN	164	13.1	32	22

MAT'L: 0.125" (3.2 mm) ALUMINUM

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: I-140 EB - Existing Overhead Sign Structure in advance of Exit 20 (I-140/I-40 Interchange).

DIVISION: 3
DATE: Jun 15, 2022

NOTES:

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																		Series/Size Text Length
114.8	11.3	1.5	13.6	11	9	54.8												E 2000 46.4
	J	a	c	k	s	o	n	v	i	l	l	e						EM 2000 161
27.5	16.2	15.5	15.5	13.8	14.1	15.8	15.2	17	9.6	9.6	8.2	10.6	27.5					EM 2000 117
49.5	17	13.8	16.3	16	16	15.5	11.8	10.6	49.5									

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" AND "B" SIGNS (OVERHEAD)

SIGN NUMBER: 34A 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: 3.25" No. Z BARS: 2 LENGTH: 106.0	PROJECT ID: R-3300A DESIGN BY: James Hambright LOCATION: Mount above Sign #34B.	DIVISION: 3 DATE: Jan 20, 2023
--	--	---

BACKG COLOR: Green COPY COLOR: White					
SYMBOL	X	Y	WID	HT	

MAT'L: 0.125" (3.2 mm) ALUMINUM

BORDER
R=3.25"
TH=2"

1. Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black).
2. Background shall be Grade "c" reflective sheeting.

Spacing Factor is 1 unless specified otherwise

[illegible][illegible]

SIGN NUMBER: 36	PROJECT ID: R-3300A DESIGN BY: James Hambrick LOCATION: I-140 EB - Exit 20 Off-Ramp approx. 150' in advance of the split to I-40 EB & WB (I-140/I-40 Interchange).	CHECKED BY: Name DIVISION: 3																																																							
TYPE: A QUANTITY: 1		DATE: Jun 15, 2022																																																							
SIGN WIDTH: 15'-0" HEIGHT: 11'-6" TOTAL AREA: 172.5 Sq.Ft.	BACKG COLOR: Green COPY COLOR: White																																																								
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADI: 12"	<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_1</td><td>41.3</td><td>86</td><td>36</td><td>36</td></tr> <tr><td>AR_Type A</td><td>76.2</td><td>18.5</td><td>22.2</td><td>34.9</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_1	41.3	86	36	36	AR_Type A	76.2	18.5	22.2	34.9																																									
SYMBOL	X	Y	WID	HT																																																					
M1_1	41.3	86	36	36																																																					
AR_Type A	76.2	18.5	22.2	34.9																																																					
No. Z BARS: 3 LENGTH: 172.0	NOTES:																																																								
- Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black). - Background shall be Grade "C" reflective sheeting. - Shields and Type "A", "B", and "C" Arrows shall be demountable and made from 0.032" (0.8mm) aluminum.																																																									

TIP NO.		SHEET NO.	
R - 3300A		SIGN - 4J	
APPROVED: _____ DATE: _____			
3/26/2025			
SEAL			
NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 Stantec			

TYPE "A" AND "B" SIGNS (OVERHEAD)

```

#####SYTIME#####
#####DCN#####
#####ISFNAME#####

```


[illegible][illegible]

TYPE "A" AND "B" SIGNS (OVERHEAD)

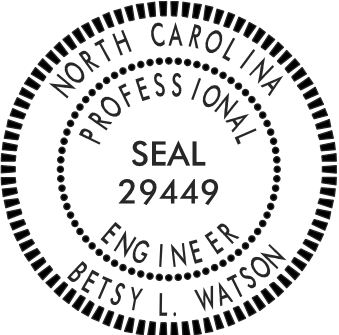
[illegible]

SIGN NUMBER: 40B	PROJECT ID: R-3300A DESIGN BY: James Hambright LOCATION: I-140 WB - Existing Overhead Sign Structure in advance of Exit 20B (I-140/I-40 Interchange).	CHECKED BY: Name DIVISION: 3																																													
TYPE: A QUANTITY: 1	BACKGK COLOR: Green COPY COLOR: White	DATE: Jan 20, 2023																																													
SIGN WIDTH: 14'-6" HEIGHT: 9'-0" TOTAL AREA: 130.5 Sq.Ft.	<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_1</td><td>19.2</td><td>54.1</td><td>36</td><td>36</td></tr> <tr><td>AR_Type A</td><td>127.3</td><td>20.4</td><td>22.2</td><td>34.9</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_1	19.2	54.1	36	36	AR_Type A	127.3	20.4	22.2	34.9																															
SYMBOL	X	Y	WID	HT																																											
M1_1	19.2	54.1	36	36																																											
AR_Type A	127.3	20.4	22.2	34.9																																											
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"	No. Z BARS: 3 LENGTH: 166.0																																														
NOTES:																																															
1. Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black). 2. Background shall be Grade "C" reflective sheeting. 3. Shields and Type "A", "B", and "C" Arrows shall be demountable and made from 0.032" (0.8mm) aluminum.																																															

Spacing Factor is 1 unless specified otherwise

[illegible]

SIGN NUMBER: 42A TYPE: A QUANTITY: _____ SIGN WIDTH: _____ HEIGHT: _____ TOTAL AREA: _____ BORDER TYPE: _____ RECESS: _____ WIDTH: _____ RADII: _____ No. Z BARS: _____ LENGTH: _____	BACKG. COLOR: _____ COPY COLOR: _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">SYMBOL</th> <th style="width: 10%;">X</th> <th style="width: 10%;">Y</th> <th style="width: 10%;">WID</th> <th style="width: 10%;">HT</th> </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> </table> MAT'L: _____	SYMBOL	X	Y	WID	HT																																				PROJECT ID: R-3300A DESIGN BY: James Hambricht LOCATION: Mount above Sign #42B. CHECKED BY: Name DIVISION: 3 DATE: _____
SYMBOL	X	Y	WID	HT																																						
EXITS 20 B-A																																										
NOTES: Sign 42A has been replaced by I-6039 and has therefore been removed from this plan set. The existing sign shall be retained.																																										

TIP NO.	SHEET NO.
R-3300A	SIGN-4L
DocuSigned by: <i>Betsy L. Watson</i> 35E67B834F8743F...	
APPROVED:	
DATE:	3/26/2025
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 Stantec	

TYPE "A" AND "B" SIGNS (OVERHEAD)

```
#####SYTIME#####
#####CDGN#####
#####USERNAVE###
```


Sign 42B has been replaced by I-6039 and has therefore been removed from this plan set. The existing sign shall be retained.

TIP NO.	SHEET NO.
R-3300A	SIGN-4M
APPROVED: <u>Betsy L. Watson</u> DATE: <u>3/26/2025</u>	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 Stantec	

FILENAME: Proposed Sign Designs -US 17 Bypass

FILENAME: Proposed Sign Designs -US 17 Bypass

TYPE "A" AND "B" SIGNS (OVERHEAD)

[illegible]

SIGN NUMBER: 47B TYPE: A QUANTITY: 1 SIGN WIDTH: 18'-0" HEIGHT: 13'-0" TOTAL AREA: 234.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" BACKGROUND COLOR: Green COPY COLOR: White <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>M1_1</td> <td>54.8</td> <td>103</td> <td>45</td> <td>36</td> </tr> <tr> <td>ARDOWN</td> <td>92</td> <td>13.1</td> <td>32</td> <td>22</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> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	M1_1	54.8	103	45	36	ARDOWN	92	13.1	32	22																															PROJECT ID: R-3300A DESIGN BY: James Hambricht LOCATION: I-40 EB - Existing Overhead Sign Structure on EB Collector in advance of Exit 416 A-B (X-140/I-40 Interchange).	DIVISION: 3 DATE: Jan 23, 2023																																							
SYMBOL	X	Y	WID	HT																																																																																		
M1_1	54.8	103	45	36																																																																																		
ARDOWN	92	13.1	32	22																																																																																		
NOTES: 1. Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black). 2. Background shall be Grade "C" reflective sheeting. 3. Shields and Type "A", "B", and "C" Arrows shall be demountable and made from 0.032" (0.8mm) aluminum.																																																																																						
Spacing Factor is 1 unless specified otherwise																																																																																						
LETTER POSITIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="20" style="text-align: center;">Letter spacings are to start of next letter</th> <th style="text-align: center;">Series/Size Text Length</th> </tr> </thead> <tbody> <tr> <td>E</td><td>A</td><td>S</td><td>T</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="text-align: center;">E 2000 46.4</td> </tr> <tr> <td>T</td><td>o</td><td>p</td><td>s</td><td>a</td><td>i</td><td>l</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="text-align: center;">EM 2000 177.3</td> </tr> <tr> <td>N</td><td>e</td><td>w</td><td></td><td></td><td>B</td><td>e</td><td>r</td><td>n</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="text-align: center;">EM 2000 117</td> </tr> </tbody> </table>			Letter spacings are to start of next letter																				Series/Size Text Length	E	A	S	T																	E 2000 46.4	T	o	p	s	a	i	l														EM 2000 177.3	N	e	w			B	e	r	n												EM 2000 117
Letter spacings are to start of next letter																				Series/Size Text Length																																																																		
E	A	S	T																	E 2000 46.4																																																																		
T	o	p	s	a	i	l														EM 2000 177.3																																																																		
N	e	w			B	e	r	n												EM 2000 117																																																																		

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" AND "B" SIGNS (OVERHEAD)

[illegible]

SIGN NUMBER: 48B BACK COLOR: Green COPY COLOR: White TYPE: A QUANTITY: 1 SIGN WIDTH: 21'-0" HEIGHT: 10'-6" TOTAL AREA: 220.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" No. Z BARS: 3 LENGTH: 244.0	PROJECT ID: R-3300A DESIGN BY: James Hambricht LOCATION: I-40 EB - Existing Overhead Sign Structure on EB Collector in advance of Exit 416 A-B (I-140/I-40 Interchange).	DIVISION: 3 DATE: Jan 23, 2023
---	---	---

SYMBOL	X	Y	WID	HT
M1_1	49.9	74.2	45	36
AR_Type A	203.7	26.5	22.2	34.9

MAT'L: 0.125" (3.2 mm) ALUMINUM

NOTES: 1. Legend and border shall be direct applied, Grade "A" sheeting (except those that are colored black). 2. Background shall be Grade "C" reflective sheeting. 3. Shields and Type "A", "B", and "C" Arrows shall be demountable and made from 0.032" (0.8mm) aluminum.	
---	--

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter															Series/Size Text Length
	W		E	S	T										E 2000 48.8
109.9	15.9	2.2	10.7	11	9	93.4									
	S	h	a	i	l	o	t	t	e						EM 2000 116.8
45.8	17.9	15.5	17	9.6	8.2	14.2	11.8	12	10.6	89.4					
	M	y	r	t	i	e		B	e	a	c	h			EM 2000 166.9
20.8	18.6	18.2	10.2	13.4	8.2	10.6	16	16	14.1	15.5	15.5	10.6	64.3		

FILENAME: Proposed Sign Designs -US 17 Bypass

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 49 TYPE: A QUANTITY: SIGN WIDTH: HEIGHT: TOTAL AREA: BORDER TYPE: RECESS: WIDTH: RADII: No. Z BARS: LENGTH: BACKG COLOR: COPY COLOR: <table border="1" style="width: 100%; border-collapse: collapse;"> <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> </tbody> </table> MAT'L:	SYMBOL	X	Y	WID	HT																																				PROJECT ID: R-3300A DESIGN BY: James Hambricht CHECKED BY: Name DIVISION: 3 LOCATION: I-40 EB - Existing Overhead Sign Structure on EB Collector in advance of Exit 416 B (I-140/I-40 Interchange). DATE:
SYMBOL	X	Y	WID	HT																																					



Sign 49 has been replaced by I-6039 and has therefore been removed from this plan set.

The existing sign shall be retained.

SIGN NUMBER: 50B TYPE: A QUANTITY: SIGN WIDTH: HEIGHT: TOTAL AREA: BORDER TYPE: RECESS: WIDTH: RADII: No. Z BARS: LENGTH: BACKG COLOR: COPY COLOR: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </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> </table> MAT'L:	SYMBOL	X	Y	WID	HT																																				PROJECT ID: R-3300A DESIGN BY: James Hambricht LOCATION: I-40 EB - Existing Overhead Sign Structure on EB Collector in advance of Exit 416 B (I-140/I-40 Interchange).	DIVISION: 3 CHECKED BY: Name DATE:
SYMBOL	X	Y	WID	HT																																						
																																										
NOTES:																																										

TIP NO.	SHEET NO.
R-3300A	SIGN-40
DocuSigned by: <i>Betsy L. Watson</i> 35E67B54F8743F...	
APPROVED: _____	_____
DATE: _____	3/26/2025
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 Stantec	

TYPE "A" AND "B" SIGNS (OVERHEAD)

```
#####SYTIME#####
#####CDGN#####
#####USERNAVE###
```


SIGN NUMBER: 51

TYPE: A
QUANTITY:

SIGN WIDTH:
HEIGHT:
TOTAL AREA:

BORDER TYPE:
RECESS:
WIDTH:
RADII:

No. Z BARS:
LENGTH:

NOTES:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L:

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: I-40 WB - Existing Overhead Sign Structure in advance of Exit 416 A (I-140/I-40 Interchange).

CHECKED BY: Name
DATE:

DIVISION: 3

Sign 51 has been replaced by I-6039 and has therefore been removed from this plan set. The existing sign shall be retained.

SIGN NUMBER: 52B

TYPE: A
QUANTITY:

SIGN WIDTH:
HEIGHT:
TOTAL AREA:

BORDER TYPE:
RECESS:
WIDTH:
RADII:

No. Z BARS:
LENGTH:

NOTES:

BACKG COLOR:
COPY COLOR:

SYMBOL	X	Y	WID	HT

MAT'L:

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: I-40 WB - Existing Overhead Sign Structure in advance of Exit 416 A (I-140/I-40 Interchange).

CHECKED BY: Name
DATE:

DIVISION: 3

Sign 52A & 52B have been replaced by I-6039 and have therefore been removed from this plan set. The existing sign shall be retained.

SIGN NUMBER: 53B

TYPE: A
QUANTITY:

SIGN WIDTH:
HEIGHT:
TOTAL AREA:

BORDER TYPE:
RECESS:
WIDTH:
RADII:

No. Z BARS:
LENGTH:

NOTES:

BACKG COLOR:
COPY COLOR:

SYMBOL	X	Y	WID	HT

MAT'L:

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: I-40 WB - Existing Overhead Sign Structure in advance of Exit 416 B (I-140/I-40 Interchange).

CHECKED BY: Name
DATE:

DIVISION: 3

Sign 53A & 53B have been replaced by I-6039 and have therefore been removed from this plan set. The existing sign shall be retained.

SIGN NUMBER: 54B

TYPE: A
QUANTITY:

SIGN WIDTH:
HEIGHT:
TOTAL AREA:

BORDER TYPE:
RECESS:
WIDTH:
RADII:

No. Z BARS:
LENGTH:

NOTES:

BACKG COLOR:
COPY COLOR:

SYMBOL	X	Y	WID	HT

MAT'L:

PROJECT ID: R-3300A
DESIGN BY: James Hambright
LOCATION: I-40 WB - Existing Overhead Sign Structure in advance of Exit 416 B (I-140/I-40 Interchange).

CHECKED BY: Name
DATE:

DIVISION: 3

Signs 54A & 54B have been replaced by I-6039 and have therefore been removed from this plan set. The existing sign shall be retained.

TIP NO.
R-3300A

SHEET NO.
SIGN-4P

APPROVED:

DESIGNED BY
Petsy L. Watson

SEAL
29449
ENGINEER
Petsy L. Watson

DATE: 3/26/2025

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TYPE "A" AND "B" SIGNS
(OVERHEAD)

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

SIGN NUMBER: 102B	PROJECT ID: R-3300A DESIGN BY: James Hambrick LOCATION: -Y33- Sta. 20+86 (RT)	CHECKED BY: Name DIVISION: 3 DATE: Feb 08, 2023																																																							
TYPE: A QUANTITY: 1 SIGN WIDTH: 16'-6" HEIGHT: 16'-6" TOTAL AREA: 272.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" No. Z BARS: 6 LENGTH: 190.0	BACKGROUND COLOR: Green COPY COLOR: White <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> </thead> <tbody> <tr> <td>M1_4</td><td>53.4</td><td>126.3</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_4	53.4	126.3	36	36																																														
SYMBOL	X	Y	WID	HT																																																					
M1_4	53.4	126.3	36	36																																																					
NOTES: 1. Legend and border shall be direct applied, Grade "C" sheeting (except those that are colored black). 2. Background shall be Grade "C" reflective sheeting. 3. Shields and Type "A", "B", and "C" Arrows shall be demountable and made from 0.032" (0.8mm) aluminum.	The diagram shows a rectangular sign with rounded corners. The overall width is 16'-6" and the height is 16'-6". The sign has a dark background with white text. At the top, it says "BY-PASS" above a shield containing the number "17", followed by "NORTH". Below this is "Military Cutoff Rd" and at the bottom "1/2 MILE". Dimensions around the sign indicate a 2-inch border and specific radii at the corners.																																																								
Spacing Factor is 1 unless specified otherwise																																																									

Letter spacings are to start of next letter																				Series/Size Text Length
33.6	B	Y	-	P	A	S	S												E 2000	
	11	13.1	6.1	10.7	13.6	11.4	9.7	88.8											75.6	
	N		O	R	T	H													E 2000	
104.4	12.2	3.1	12.8	11	11	9.7	33.6												59.9	
	M	i	l	i	t	a	r	y											EM 2000	
48.9	20.3	9.6	9.6	8	12	17	10.1	13.6	48.9										100.2	
	C	u	t	o	f	f	R	d											EM 2000	
39.9	17.4	15.4	12	14.2	10.1	6.7	16	15.8	10.6	39.9									118.2	
	J	a	c	k	s	o	n	v	i	l	e								EM 2000	
18.5	16.2	15.5	15.5	13.8	14.1	15.8	15.2	17	9.6	9.6	8.2	10.6	18.5						161	
	1/2		M	I	L	E													E 2000	
66.5	22	10	12	4.4	9.2	7.5	66.5												65.1	

FILENAME: Proposed Sign Designs -US 17 Bypass NORTH CAROLINA D.O.T. SIGN DETAIL

[illegible]

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

TIP NO.	SHEET NO.
R-3300A	SIGN-4R
DocuSign® Betsy L. Watson	
APPROVED: _____	35E87B834F8743F _____
DATE: _____	3/26/2025 _____
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 Stantec	

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

```

#####SYTIME#####
#####DGN#####
#####ISFNAME###

```