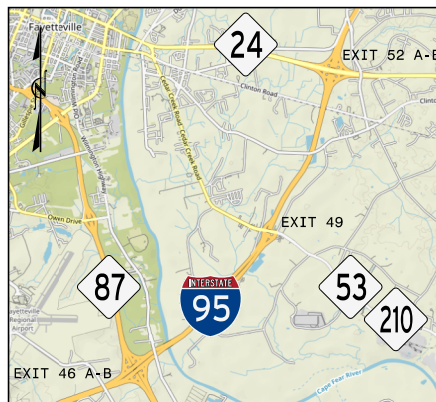


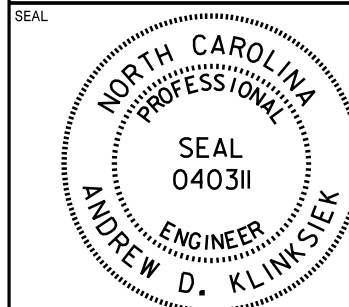
GAS, FOOD, AND LODGING SERVICES  
 I-95 AT NC 53/210  
 (CEDAR CREEK RD) EXIT 49

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION

LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-1
DocuSigned by: APPROVED: <i>Andrew D. Klinsky</i> E3D78FB4596E44B... DATE: 2/2/2023	



LOGO SIGNING PLANS  
 CUMBERLAND COUNTY



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

L-06-195-E49

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
0000100000	800	MOBILIZATION	1	LS
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	3	CY
4054000000	902	PLAIN CONCRETE SIGN FOUNDATIONS	1	CY
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	3970	LB
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	102	LF
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	16	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE B (GROUND MOUNTED)	1	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)	2	EA
4116300000	904	SIGN ERECTION, LOGO TO PANEL	96	EA
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	4	EA
4236000000	907	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)	11	EA
S	SP	SIGN ERECTION, LOGO MILEAGE PANEL TO SIGN	48	EA
S	SP	TRAFFIC CONTROL	1	LS

PROJECT NOTES

- A DETACH LOGO PANELS FROM EXISTING SIGN AND ERECT ON NEW SIGNS AS DIRECTED BY LOGO COORDINATOR (SEE PAY ITEM NOTE 4).
- B MOUNT PROPOSED TOP OF SIGN AT TOP OF EXISTING SUPPORTS.
- C LOGO MILEAGE PANELS TO BE PROVIDED BY LOGO COORDINATOR. ERECT NEW MILEAGE PANELS AS DIRECTED BY THE COORDINATOR (SEE PAY ITEM NOTE 9).

GENERAL NOTES

- . SIGNS FURNISHED BY THE STATE.
- . CONTRACTOR SHALL OBSERVE: STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, DIVISION 9, SECTIONS 900 THRU 907 UNLESS SPECIFICALLY WAIVED BY THE ENGINEER.
- . WORK ZONE TRAFFIC CONTROL DEVICES PROVISIONS APPLY.
- . SIGN LOCATIONS ARE MARKED IN THE FIELD BY PAINT AND/ OR STAKES. IF PRESENT, STAKES MARK APPROXIMATE LOCATIONS OF SUPPORTS. IT IS INCUMBENT UPON THE CONTRACTOR TO LOCATE SUPPORTS ACCORDING TO ROADWAY STANDARD DRAWING 904.10 AND ALL OTHER APPLICABLE STANDARDS.
- . CLEARING MAY BE REQUIRED FOR SIGHT DISTANCE. IF NEEDED, CLEAR VEGETATION ACCORDING TO SECTION 903-3 OF THE SPECIFICATIONS. CLEARING IS INCIDENTAL TO SIGN SUPPORTS.

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS (SEE SIGN-1A FOR SHEET 1 OF 2)
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
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES

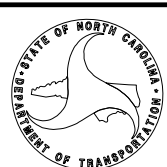
PAY ITEM NOTES

- 1 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 2 SIGN ERECTION, RELOCATE, TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE, TYPE D (GROUND MOUNTED)
- 4 SIGN ERECTION, LOGO TO PANEL
- 5 DISPOSAL OF SUPPORT, STEEL BEAM
- 6 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- 7 DISPOSAL OF SUPPORT, U-CHANNEL
- 8 DISPOSAL OF SIGN, A & B (GROUND MOUNTED)
- 9 SIGN ERECTION, LOGO MILEAGE PANEL TO SIGN

STATE FURNISHED SIGNS ITEM DESCRIPTIONS	QUANTITY	UNIT
TYPE A SIGNS.....	1620.00	SF

PLANS PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT


MATT SPRINGER, PE SIGNING & DELINEATION STANDARDS ENGINEER  
 SEAN SIMMONS DIVISION 06 LOGO COORDINATOR

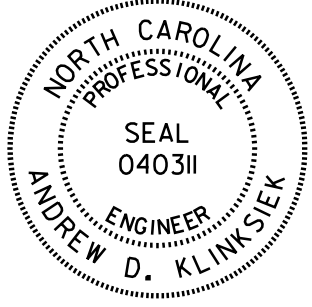


PLANS PREPARED BY :  
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. Six Forks Road, Suite 200  
 Raleigh, North Carolina 27609  
 NC License No: C-1554  
 (919) 546-8997  
 C.A. JOHNSON, III, PE SIGNING PROJECT MANAGER  
 A.D. KLINSIEK, PE, PTOE SIGNING PROJECT ENGINEER  
 E.E. TILLER SIGNING DESIGN ENGINEER

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	REVISED NCDOT STANDARD DRAWING
SIGN-2	SUPPORT INFORMATION
SIGN-3-7	SIGNING PLAN SHEETS
TCP-1	TRAFFIC CONTROL PLAN

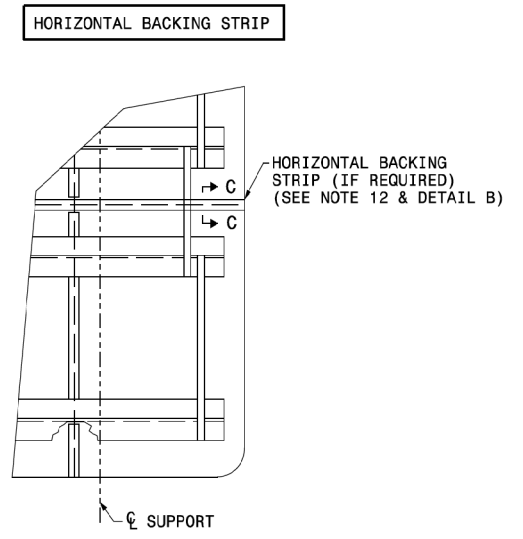
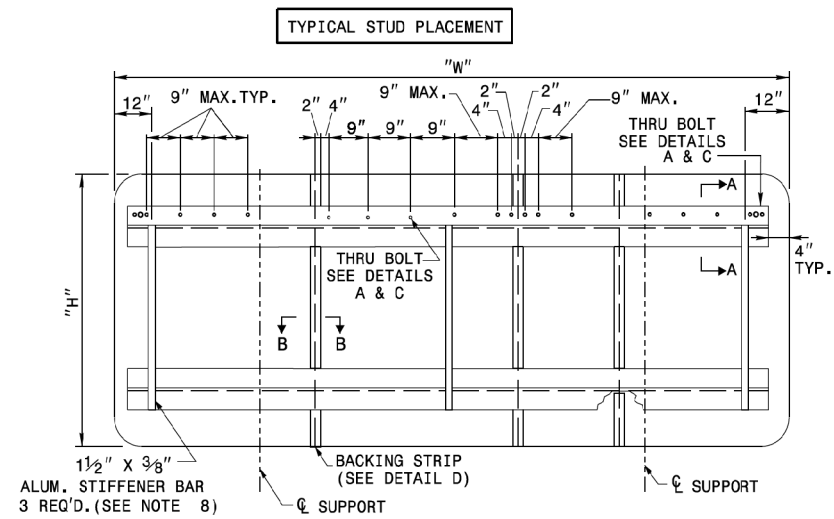
TIP NO.	SHEET NO.
DocuSigned by: <i>Matthew V. Springer</i>	
APPROVED: 3/21/2019	BC9DF8E8B58443...
DATE:	
SEAL	
	

LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-1A
DocuSigned by: <i>Andrew D. Klinsky</i>	
APPROVED: E3D78FB4596E44B...	
DATE: 2/2/2023	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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

ENGLISH DETAIL DRAWING FOR  
**TYPE 'A' SIGNS**  
WELDED STUD CONSTRUCTION

SHEET 1 OF 2  
**901D10**



NOTES:

- USE THE NUMBER AND SIZE OF SUPPORTS SHOWN ON THE SUPPORT CHART IN PROJECT PLANS.
- FABRICATE SIGN PANEL SECTIONS WITH SHEETS 4'-0" WIDE. WHEN FABRICATING SIGNS WHICH ARE NOT MULTIPLES OF 4'-0" IN WIDTH, DO NOT CUT MORE THAN TWO SHEETS TO LESS THAN 4'-0" IN WIDTH. THESE PANELS SHALL NOT BE LESS THAN 1'-0" IN WIDTH.
- SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORTS.
- USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
- SEE ROADWAY STANDARD 904.20 WHEN TYPE "B" SECONDARY SIGN MOUNTING IS REQUIRED.
- DETAILS FOR TYPE "A" SECONDARY SIGNS SHALL BE THE SAME AS FOR TYPE "A" SIGNS.
- THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
- ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
- SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
- FABRICATE SIGNS TALLER THAN 12'-0" AS TWO SEPARATE SIGNS WITH A HORIZONTAL SPLICE. LOCATE STRINGERS ON EACH SECTION OF THE SIGN BY THE SIGN STRINGER CHART. (SEE ROADWAY STANDARD 901.70)
- FABRICATE SIGNS TALLER THAN 12'-0" BUT SHORTER THAN 14'-6" WITH A HORIZONTAL SPLICE LOCATED 7'-0" FROM BOTTOM OF SIGN.
- FABRICATE SIGNS 14'-6" TALL AND TALLER WITH A HORIZONTAL SPLICE. LOCATE THE SPLICE AT LEAST HALF OF THE SIGN HEIGHT FROM THE BOTTOM AND AT LEAST 7'-0" FROM THE TOP.
- THERE SHALL ONLY BE A 1/8" GAP BETWEEN THE VERTICAL BACKING STRIP AND THE "Z" BAR.
- SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
- PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLTS.
- FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT, 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. SEE DETAILS A & C.
- FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT CENTERED IN EACH PANEL THRU THE TOP AND BOTTOM "Z" BAR. CENTERED THRU BOLT REQUIRED IN END PANELS GREATER THAN 2'-0" WIDE. SEE DETAILS A & C.
- THRU BOLTS WILL HAVE A MINIMUM 1/8" TO MAXIMUM 1/8" GAP

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

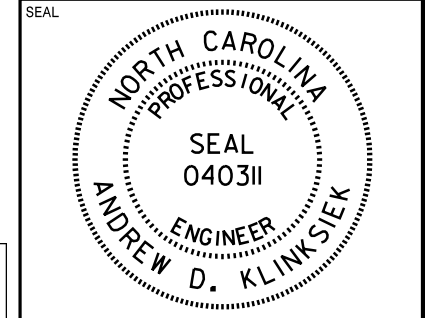
ENGLISH DETAIL DRAWING FOR  
**TYPE 'A' SIGNS**  
WELDED STUD CONSTRUCTION

SHEET 1 OF 2  
**901D10**

**REVISED SIGNING  
ROADWAY STANDARD DRAWING**

03/20/19  
S:\S&D\Standards Group\Standards and Drawings\Drawings\2018 Standard Dwg\Division 9 Final\0901d10\_sgn\_sht01.dwg a sign\_2-19.dgn  
Jasendefokas

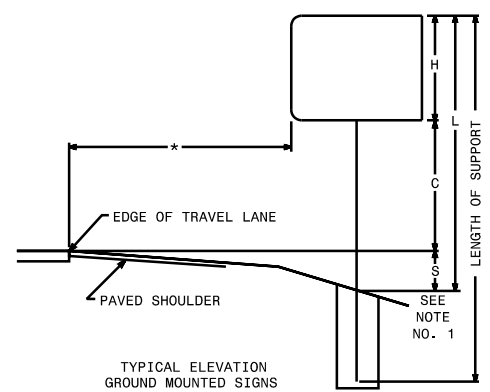
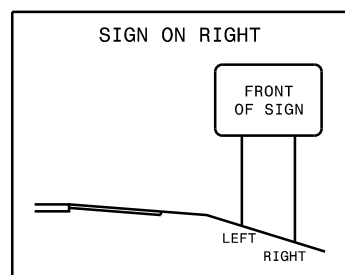
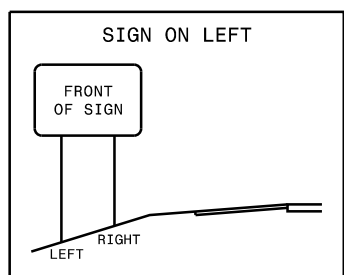
LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-2
DocuSigned by: <i>Andrew D Klinsky</i>	
APPROVED: <i>Andrew D Klinsky</i>	
E3D78FB4596E44B...	
DATE: 2/2/2023	



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

Version: 3.1 Posted: 6/2/2017

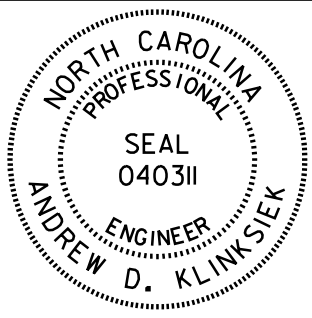
NUMBER	TYPE	SIGN			ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED (mm/dd/yy)						
		w	x	h										SNS HT "H"	MTG HT "C"	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.)							
																																	REINFORCED (c.y.)	PLAIN (c.y.)				
101	A	180	x	120	I-95 NB	2	W6x16	BA	N/A	N/A	N/A	30.00	8.79	10.00	8.80	4.5	-1.00	17.80	22.30	0.00	0.00	0.00	-1.80	17.00	21.50	794.80	0.00	1.5	5	0.65	0.00	6/8/2018						
102	A	180	x	138	I-95 NB	2	W8x21	BA	N/A	N/A	N/A	30.00	8.79	11.50	7.00	4.5	3.90	22.40	26.90	0.00	0.00	0.00	5.70	24.20	28.70	1313.60	0	2.0	5	1.16	0.00	5/10/2018						
103	A	90	x	84	NB Ramp	2	S4x7.7	BA	N/A	N/A	N/A	16.00	4.40	7.00	7.00	3.0	0.30	14.30	17.30	0.00	0.00	0.00	1.50	15.50	18.50	315.66	0	1.0	3.5	0.00	0.20	5/10/2018						
104	A	90	x	84	SB Ramp	2	S4x7.7	BA	N/A	N/A	N/A	17.00	4.40	7.00	7.00	3.0	1.00	15.00	18.00	0.00	0.00	0.00	1.80	15.80	18.80	323.36	0	1.0	3.5	0.00	0.20	5/10/2018						
105	A	180	x	120	I-95 SB	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.5	2.40	19.40	23.90	0.00	0.00	0.00	3.80	20.80	25.30	1025.60	0	2.0	5	1.16	0.00	5/10/2018						
701	A	180	x	120	I-95 NB	2	W8x28	BA	N/A	N/A	N/A	42.00	8.80	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
702	A	180	x	120	I-95 NB	2	W6x25	BA	N/A	N/A	N/A	43.00	8.80	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
703	A	90	x	72	NB Ramp	2	S5x10	BA	N/A	N/A	N/A	15.50	4.40	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
704	A	90	x	72	NB Ramp	2	S5x10	BA	N/A	N/A	N/A	16.00	4.40	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
705	A	90	x	72	NB Ramp	2	S4x7.7	BA	N/A	N/A	N/A	16.75	5.00	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
706	A	90	x	72	SB Ramp	2	S5x10	BA	N/A	N/A	N/A	15.00	4.40	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
707	A	90	x	72	SB Ramp	2	S5x10	BA	N/A	N/A	N/A	17.00	4.40	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
708	A	90	x	72	SB Ramp	2	S5x10	BA	N/A	N/A	N/A	16.75	5.00	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
709	A	180	x	138	I-95 SB	2	W8x28	BA	N/A	N/A	N/A	39.50	8.80	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
710	A	180	x	120	I-95 SB	2	W8x28	BA	N/A	N/A	N/A	40.50	8.80	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
711	A	180	x	120	I-95 SB	2	W8x28	BA	N/A	N/A	N/A	40.50	8.80	ERECT PROPOSED SIGN ON EXISTING SUPPORTS.																								5/10/2018
901	B	84	x	30	I-95 NB	2	S3x5.7	BA	N/A	N/A	N/A	30.00	4.10	2.50	7.00	2.0	2.50	12.00	14.00	0.00	0.00	0.00	2.70	12.20	14.20	196.74	0	1.0	2.5	0.00	0.15	6/8/2018						
																	TOTAL	TOTAL											TOTAL	TOTAL								
																	3969.76	0.00											2.98	0.55								
																	USE:	3970.00	0.00											3.00	1.00							

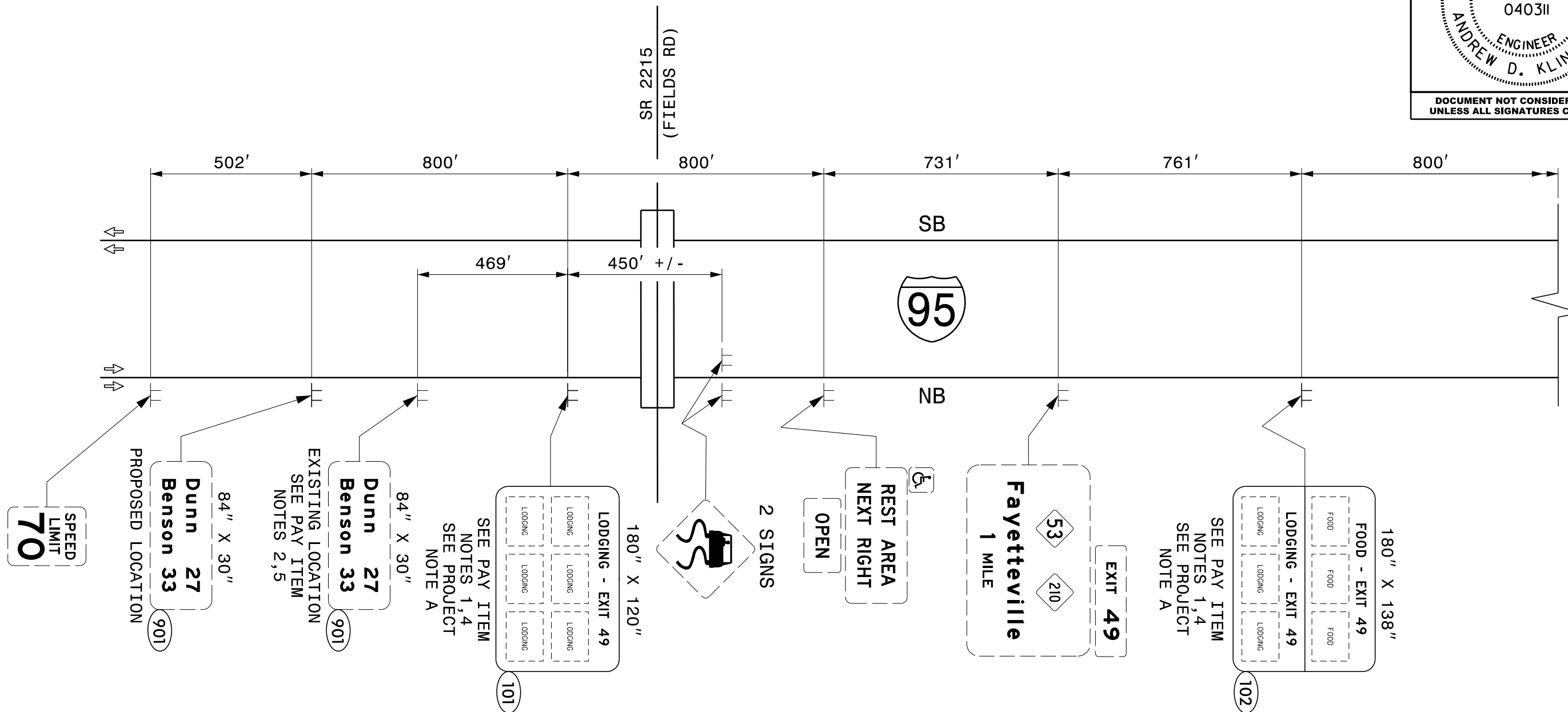


- NOTES
- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
  - PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.
  - SIGN LOCATIONS ARE MARKED IN THE FIELD BY PAINT AND/OR STAKES. IF PRESENT, FIELD STAKES MARK APPROXIMATE LOCATIONS OF SUPPORTS. IT IS INCUMBENT UPON THE CONTRACTOR TO LOCATE SUPPORTS ACCORDING TO ROADWAY STANDARD DRAWING 904.1 AND ALL OTHER APPLICABLE STANDARDS.

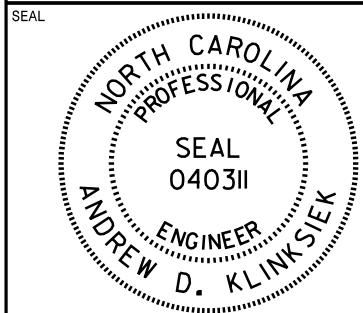
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554  
(919) 546-8997

**TYPE A AND B GROUND MOUNTED SIGNS**

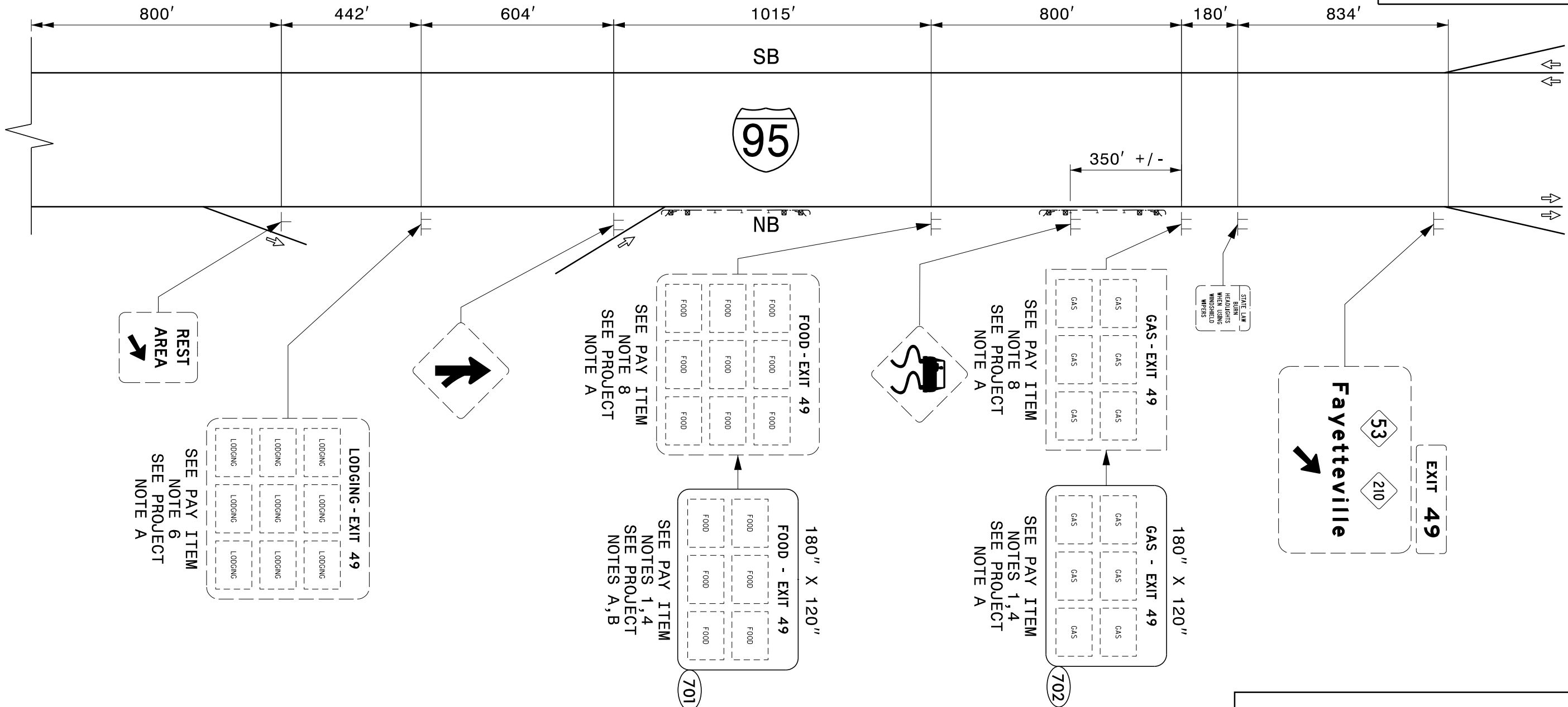
LOGO NO. L-06-195-E49	SHEET NO. SIGN-3
DocuSigned by: APPROVED: <i>Andrew D. Klinsky</i> E3D78FB4596E44B... DATE: 2/2/2023	
SEAL  SEAL 040311 ENGINEER ANDREW D. KLINSYK	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-4
DocuSigned by: <i>Andrew D. Klinksiek</i>	
APPROVED: <i>Andrew D. Klinksiek</i> E3D78FB4596E44B...	
DATE: 2/2/2023	



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

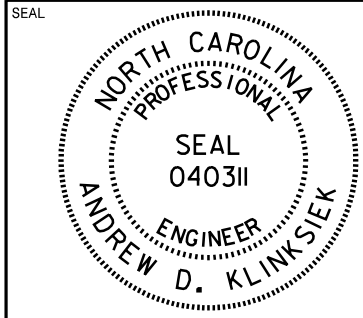


**HNTB** HNTB NORTH CAROLINA, P.C.  
243 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554  
(919) 546-8997

**I-95 AT NC 53/210  
NB MAINLINE**



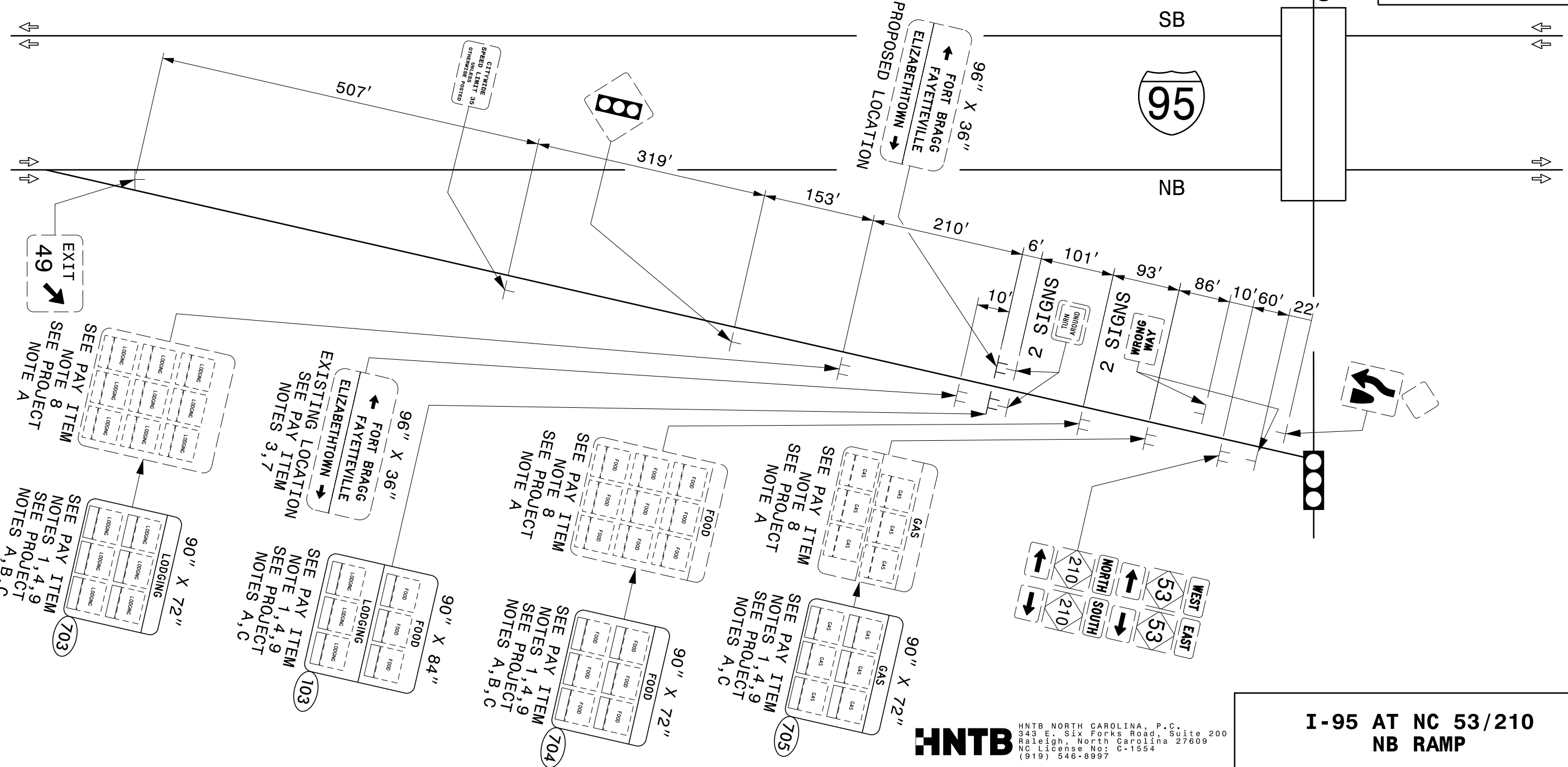
LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-5
DocuSigned by: <i>Andrew D Klinksiek</i>	
APPROVED: <i>Andrew D Klinksiek</i> E3D78FB4596E44B...	
DATE: 2/2/2023	



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



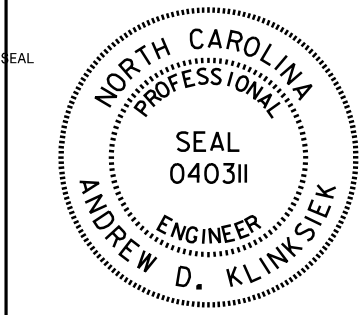
(CEDAR CREEK RD)



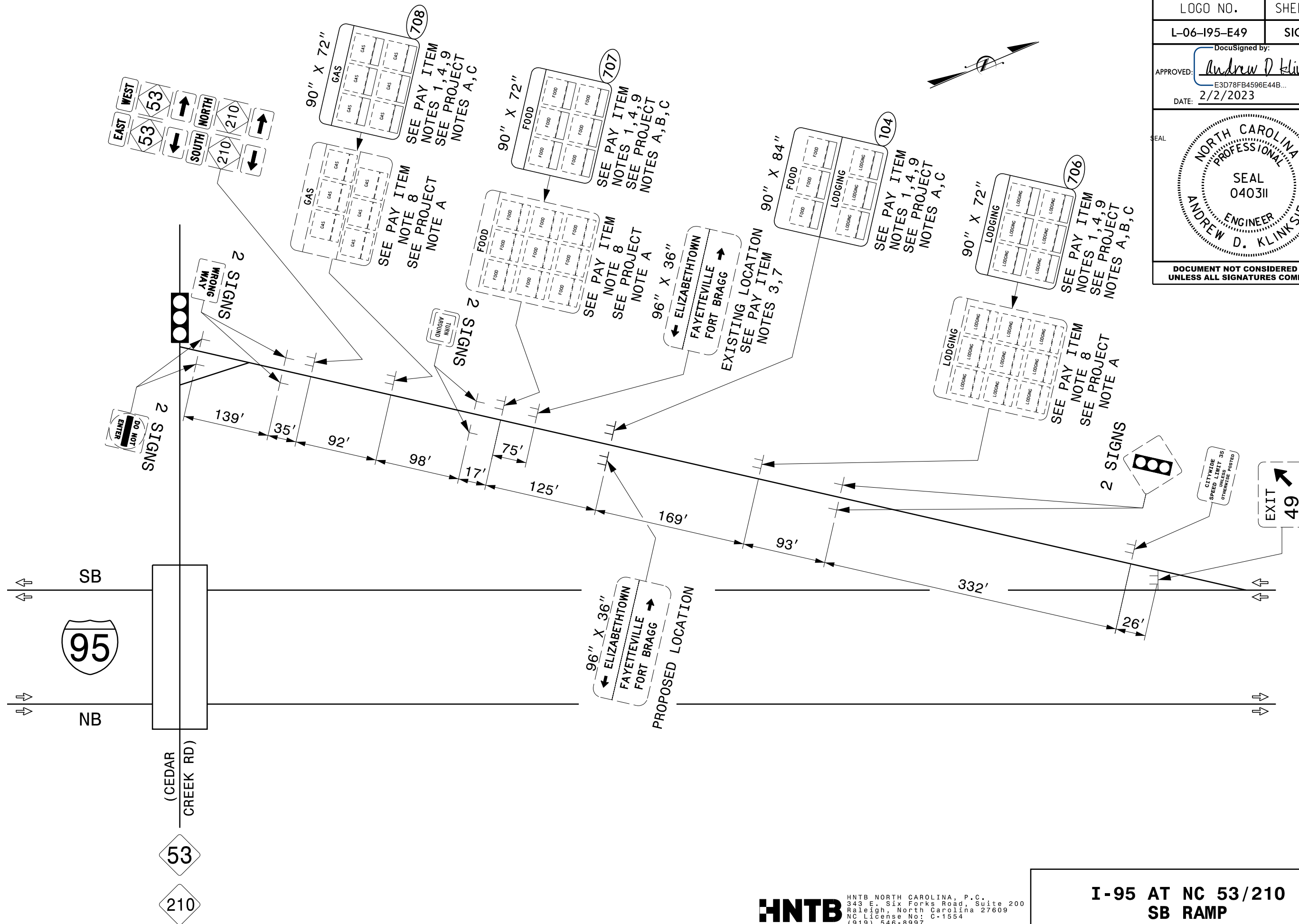
**HNTB**  
HNTB NORTH CAROLINA, P.C.  
943 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554  
(919) 546-8997

I-95 AT NC 53/210 NB RAMP

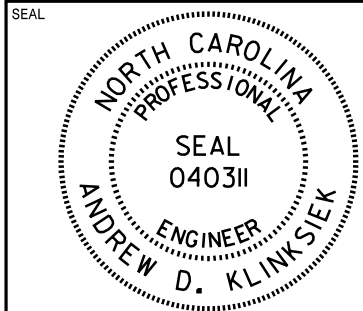
LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-6
DocuSigned by: <i>Andrew D Klinsky</i>	
APPROVED: <i>Andrew D Klinsky</i>	
E3D78FB4596E44B...	
DATE: 2/2/2023	



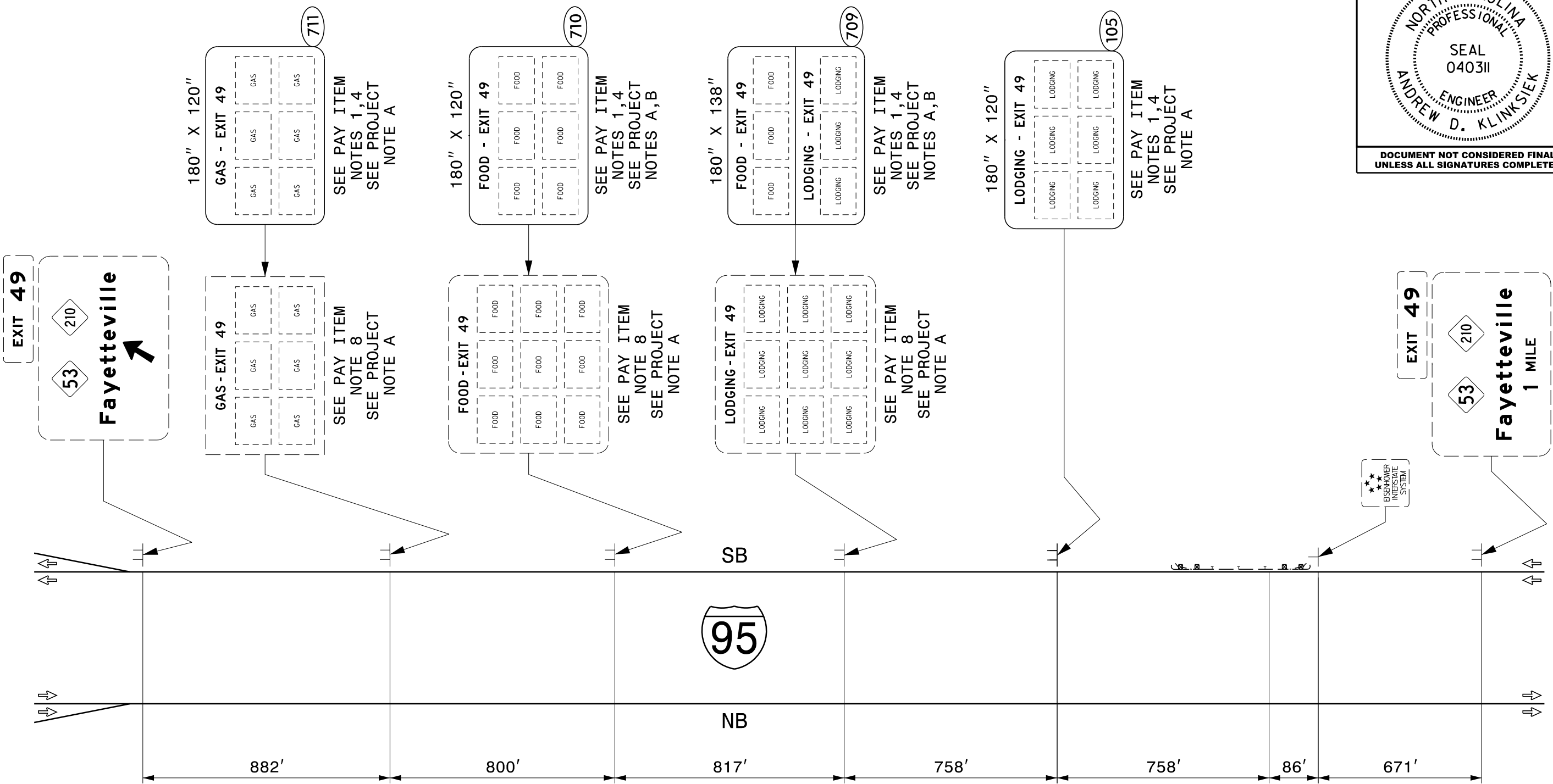
DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



LOGO NO.	SHEET NO.
L-06-195-E49	SIGN-7
DocuSigned by: <i>Andrew D Klinsky</i>	
APPROVED: <i>Andrew D Klinsky</i> E3D78FB4596E44B...	
DATE: 2/2/2023	



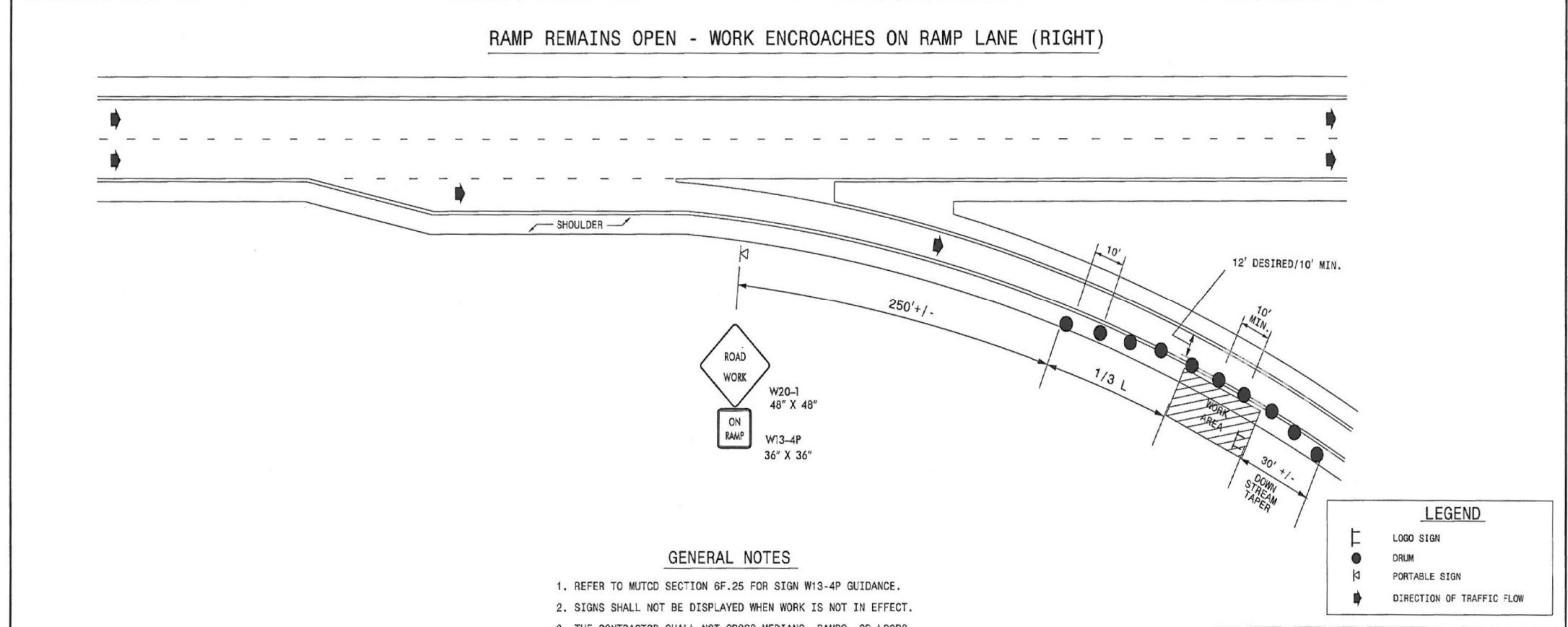
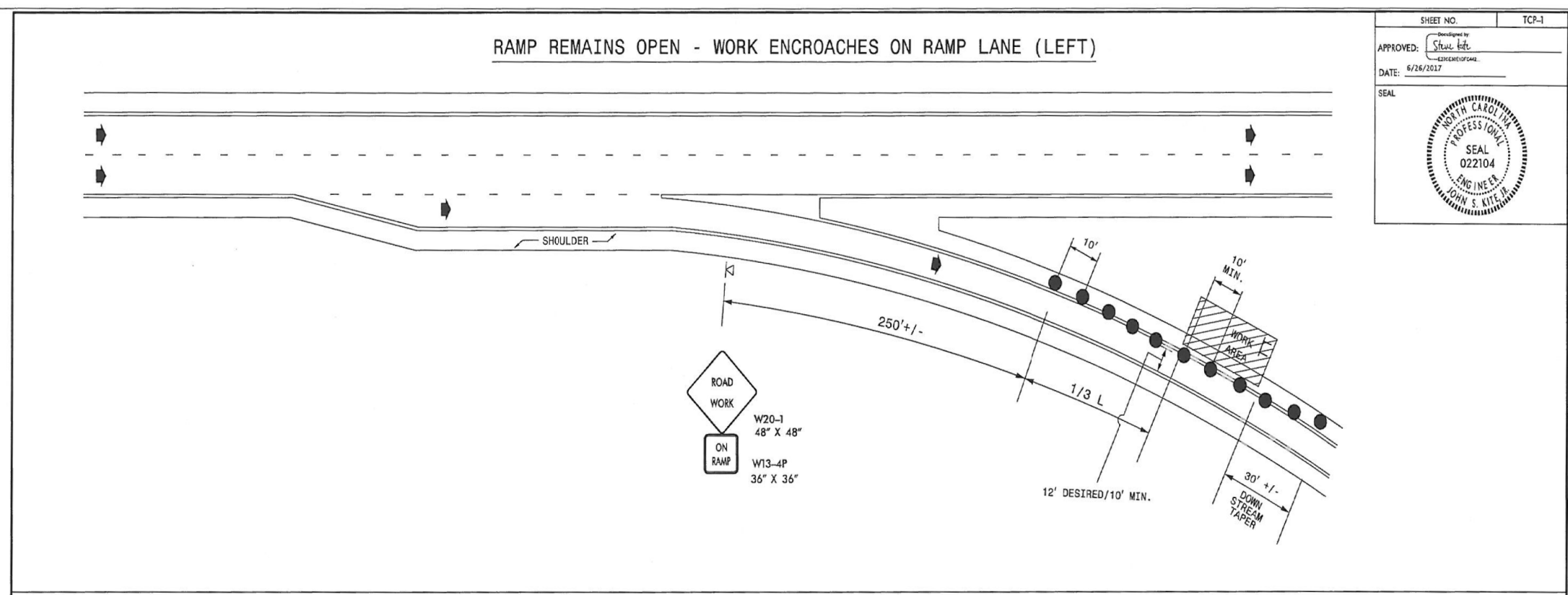
DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED





SHEET NO.	TCP-1
APPROVED:	<i>Andrew D. Klinsky</i>
DATE:	6/26/2017
SEAL	

LOGO NO.	SHEET NO.
L-06-195-E49	TCP-1
DocuSigned by: <i>Andrew D. Klinsky</i>	
APPROVED: <i>Andrew D. Klinsky</i>	
DATE: 2/2/2023	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



**GENERAL NOTES**

1. REFER TO MUTCD SECTION 6F.25 FOR SIGN W13-4P GUIDANCE.
2. SIGNS SHALL NOT BE DISPLAYED WHEN WORK IS NOT IN EFFECT.
3. THE CONTRACTOR SHALL NOT CROSS MEDIANS, RAMPS, OR LOOPS WITH WORK VEHICLES UNLESS A LOCATION HAS BEEN APPROVED BY THE ENGINEER.
4. REFER TO ROADWAY STANDARD DRAWING 1101.11, SHEET 1 OF 4. USE 1/2 POSTED MAINLINE SPEED FOR (S) VALUE. USE THE LANE ENCROACHMENT DISTANCE AS THE LATERAL WIDTH (W) TO DETERMINE "L".

**LEGEND**

	LOGO SIGN
	DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW

**TRAFFIC CONTROL ON RAMP  
FOR LOGO SIGN INSTALLATION**