

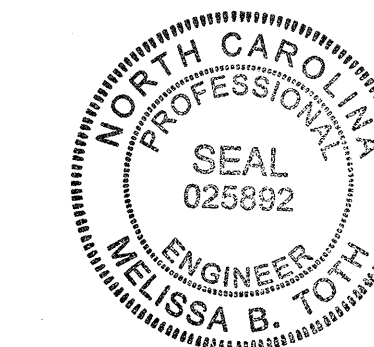
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. I-4928 SHEET NO. SIGN-1

APPROVED: *Melissa B. Toth*

DATE: 1-10-2014

SEAL



SIGNING PLAN
GASTON COUNTY

LOCATION: NEW I-85 NBL WEIGH STATION FROM SR 1302
(CROWDERS MOUNTAIN RD) TO SR 1307 (EDGEWOOD RD)

T.I.P.: I-4928

CONTRACT: C203357

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 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE **RETAINED** UNLESS OTHERWISE NOTED ON PLANS.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING. SEE TRAFFIC CONTROL PLANS.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	8	C.Y.
4057000000	SP	84	C.Y.
4054000000	902	2	C.Y.
4060000000	903	7812	LB.
4066000000	903	1207	LB.
4072000000	903	1034	L.F.
4078000000	903	2	EA.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4096000000	904	22	EA.
4102000000	904	21	EA.
4108000000	904	2	EA.
4109000000	904	2	EA.
4109000000	904	2	EA.
4110000000	904	12	EA.
4110000000	904	7	EA.
4114000000	904	2	EA.
4116100000	904	2	EA.
4138000000	907	2	EA.
4149000000	907	3	EA.
4152000000	907	2	EA.
4155000000	907	4	EA.
4158000000	907	2	EA.
4234000000	907	4	EA.

PAY ITEM NOTES

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

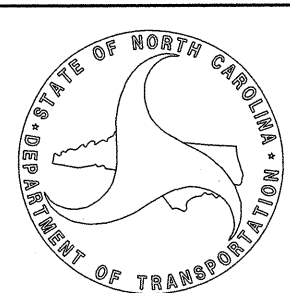
INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 & 2A	SUPPORT INFORMATION
SIGN-3	TYPE E AND F SIGNS AND MILEMARKERS
SIGN-4A-4L	SIGN DESIGNS
SIGN-5-5F	OVERHEAD DETAILS
SIGN-6-15	SIGNING PLAN SHEETS

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

JOSE MARTINEZ SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY:

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEES #F-0326
MELISSA TOTH, PE SIGNING PROJECT ENGINEER
MATTHEW THIGPEN, PE SIGNING PROJECT DESIGN ENGINEER

APPROVED: *Melissa B. Toti*

DATE: 11/4/13

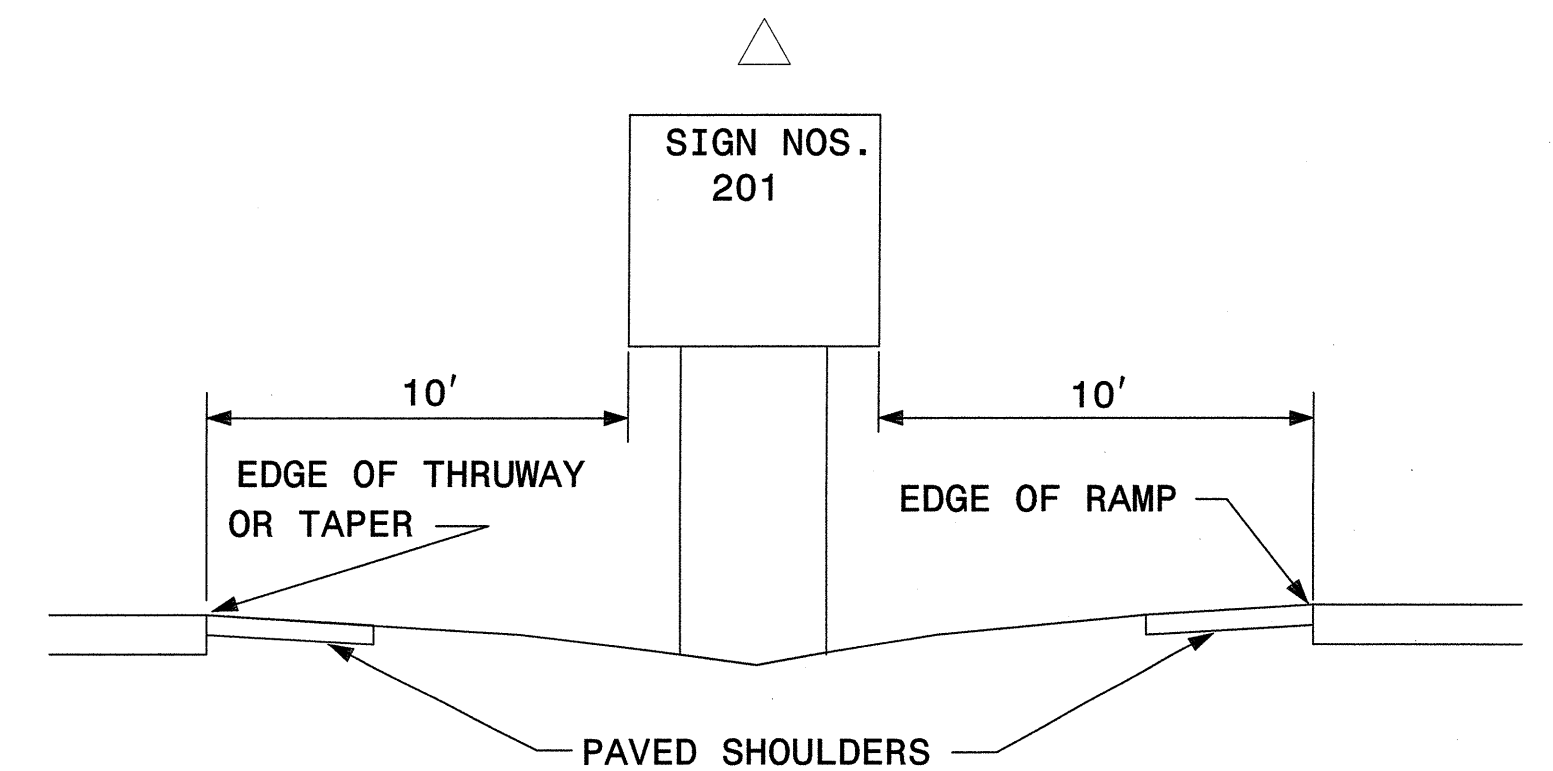
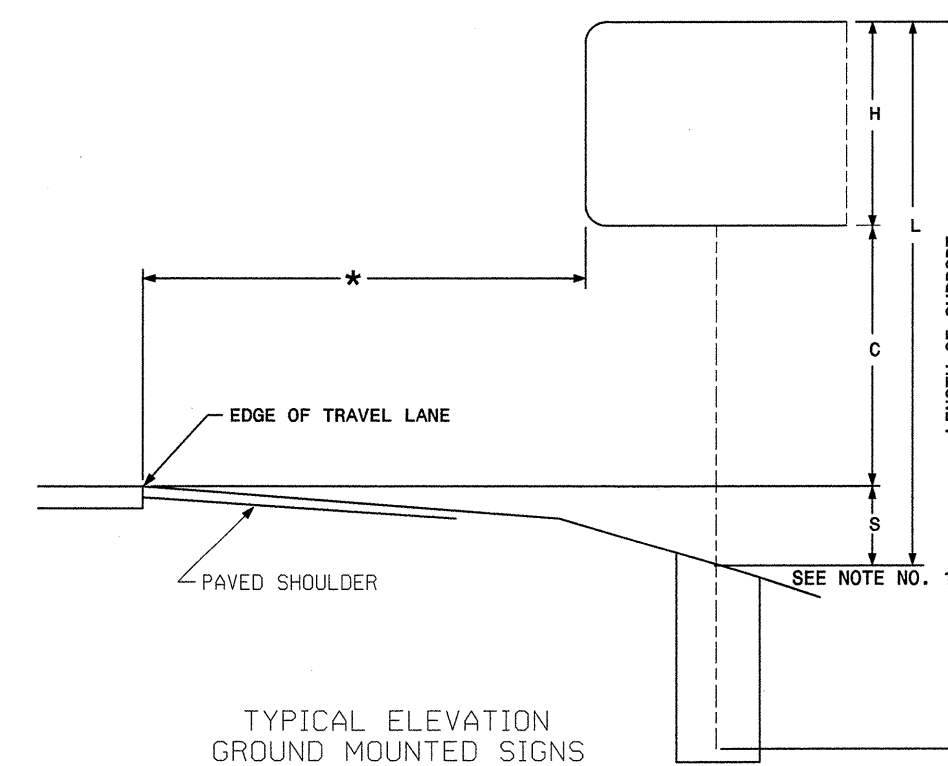
SEAL



SIGN NO.	SIGN TYPE	SIGN SIZE (in.)		ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (ft.)	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETE (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	PLAIN FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)																						
		w	x								h	SNS HT	MTG HT	EMBED	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L								TOTAL LENGTH																					
101A	A	174	X	72																																															
101B	A	174	X	30		W8x21	BA	N/A	2	24.00	8.50	14.50	5.5	1.58	24.58	30.08	0.00	0.00	0.00	-11.50	11.50	17.00	2	6	1174.30	0.00	1.40	0.00																							
102A	A	144	X	78																																															
102B	B	144	X	30		W6x16	BA	N/A	2	30.00	9.00	7.00	5.5	4.90	20.90	26.40	0.00	0.00	0.00	3.30	19.30	24.80	1.5	6	951.58	0.00	0.79	0.00																							
103A	A	144	X	54																																															
103B	B	144	X	30		W6x12	BA	N/A	2	30.00	7.00	7.00	4.5	3.30	17.30	21.80	0.00	0.00	0.00	3.30	17.30	21.80	1.5	5	608.56	0.00	0.65	0.00																							
104A	A	138	X	72																																															
104B	A	138	X	54		W6x16	BA	N/A	2	30.00	10.50	7.70	5.5	2.20	20.40	25.90	0.00	0.00	0.00	-0.70	17.50	23.00	1.5	6	914.78	0.00	0.79	0.00																							
105	A	144	X	72		W6x12	BA	N/A	N/A	30.00	6.00	7.80	4.5	3.30	17.10	21.60	0.00	0.00	0.00	-0.80	13.00	17.50	1.5	5	554.56	0.00	0.65	0.00																							
106	B	102	X	36		S4x7.7	BA	N/A	N/A	33.00	3.00	7.00	3.5	4.70	14.70	18.20	0.00	0.00	0.00	2.60	12.60	16.10	1	4	304.72	0.00	0.00	0.23																							
107	A	144	X	60		W6x12	S	N/A	N/A	30.00	5.00	7.00	4	3.50	15.50	19.50	0.00	0.00	0.00	1.50	13.50	17.50	1.5	4.5	0.00	444.00	0.59	0.00																							
108A	A	108	X	60																																															
108B	B	108	X	24		W6x16	S	N/A	2	20.00	7.00	7.00	4.5	2.99	16.99	21.49	0.00	0.00	0.00	7.66	21.66	26.16	1.50	5	0.00	762.40	0.65	0.00																							
109	B	36	X	54		S3x5.7	BA	N/A	N/A	7.00	4.50	7.40	2.5	-0.40	11.50	14.00	0.00	0.00	0.00	-0.40	11.50	14.00	1	3	195.13	0.00	0.00	0.17																							
110	B	36	X	54		S3x5.7	BA	N/A	N/A	15.00	4.50	7.00	2.5	1.20	12.70	15.20	0.00	0.00	0.00	1.80	13.30	15.80	1	3	212.23	0.00	0.00	0.17																							
111	B	96	X	48		S3x5.7	BA	N/A	N/A	10.50	4.00	7.00	3.5	0.60	11.60	15.10	0.00	0.00	0.00	2.60	13.60	17.10	1	4	219.07	0.00	0.00	0.23																							
112	B	96	X	48		S4x7.7	BA	N/A	N/A	10.00	4.00	7.00	4	2.60	13.60	17.60	0.00	0.00	0.00	4.50	15.50	19.50	1	4.5	326.28	0.00	0.00	0.26																							
113	B	96	X	48		S3x5.7	BA	N/A	N/A	6.00	4.00	7.50	3.5	-0.40	11.10	14.60	0.00	0.00	0.00	-0.50	11.00	14.50	1	4	201.40	0.00	0.00	0.23																							
201	A	84	X	78		S4x7.7	BA	N/A	N/A	10.00	6.50	7.00	4	0.80	14.30	18.30	0.00	0.00	0.00	0.50	14.00	18.00	1	4.5	320.12	0.00	0.00	0.26																							
901	A	180	X	138		W8x21	BA	N/A	N/A	33.00	11.50	7.00	6	2.86	21.36	27.36	0.00	0.00	0.00	0.36	18.86	24.86	2.00	6.5	1282.24	0.00	1.51	0.00																							
902	A	180	X	72		W6x12	BA	N/A	N/A	33.00	6.00	7.00	4.5	2.98	15.98	20.48	0.00	0.00	0.00	0.48	13.48	17.98	1.50	5	546.88	0.00	0.65	0.00																							
																							TOTAL																												
																							7811.87																												
																							USE:																												
																							7812																												

NOTES

- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
- FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
- PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.
- IF THE GROUNDWATER IS ENCOUNTERED AT A DEPTH SHALLOWER THAN 7 FEET, THE SIGN FOUNDATION MUST BE REDESIGNED BASED UPON THE ACTUAL FIELD CONDITIONS. THE FOUNDATION DESIGN DOES NOT APPLY TO VERY SOFT OR LOOSE SOIL, MUCK, WEATHERED ROCK, OR HARD ROCK.



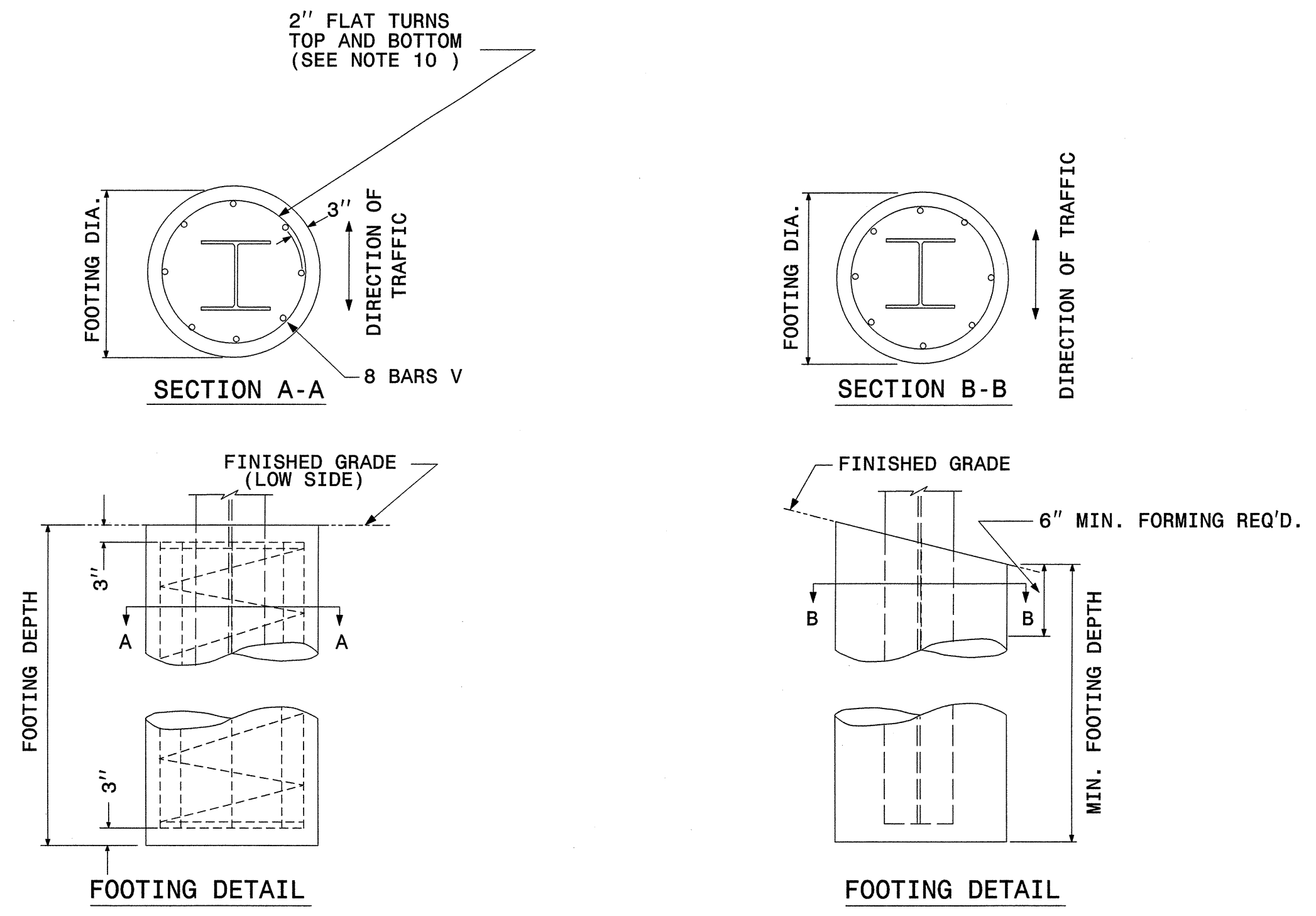
TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

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

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

BEAM SHAPE	BOLT SIZE	SLIP BASE PLATE DATA								KEEPER PLATE DATA							HINGE CONNECTION DATA							BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.		
		A ₁	B ₁	C ₁	D ₁	E ₁	T ₁	R ₁	A ₂	B ₂	C ₂	D ₂	E ₂	R ₂	T ₂	BOLT SIZE	F	G	H	I	J	K	L		R ₃	T ₃
S3X5.7	1/2"DIA. X 3"	7"	4"	1"	3/4"	2 1/2"	1"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 1/4"	3 1/2"	4"	1/2"	1"	1/2"	2"	9/32"	3/8"	18
S4X7.7	1/2"DIA. X 3"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 5/8"	3 1/2"	4"	1/2"	1"	1/2"	2"	9/32"	3/8"	20
W6X9	1/2"DIA. X 3"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	4"	3 1/2"	4"	3/4"	1"	1/2"	2"	9/32"	3/8"	32
W6X12	5/8"DIA. X 3 3/4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	11/32"	11"	5"	1 1/4"	7/8"	3 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	3/8"	39
W6X16	5/8"DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12"	6"	1 1/4"	7/8"	4 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	47
W8X18	5/8"DIA. X 4 1/4"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/2"	11/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	70
W8X21	3/4"DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	13/32"	14"	7"	1 1/2"	1"	5"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	73
W10X22	3/4"DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	119
W10X26	3/4"DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16 1/2"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	140
W12X26	3/4"DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18 1/2"	9"	1 1/2"	1"	7"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	176
W14X30	1"DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	17/32"	22"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	17/32"	5/8"	205
W16X31	1"DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	17/32"	24"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	223
W18X35	1"DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	243
W18X40	1"DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	17/32"	26"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	278
W21X44	1"DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	17/32"	29"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	310



FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
1' 6"	8 # 6 BARS	#3 BAR, 6" PITCH
2'	8 # 7 BARS	#3 BAR, 6" PITCH
2' 6"	8 # 9 BARS	#3 BAR, 6" PITCH
3'	8 # 11 BARS	#3 BAR, 6" PITCH
3' 6"	8 # 12 BARS	#3 BAR, 6" PITCH
4'	8 # 14 BARS	#3 BAR, 6" PITCH

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS

STATE OF NORTH CAROLINA
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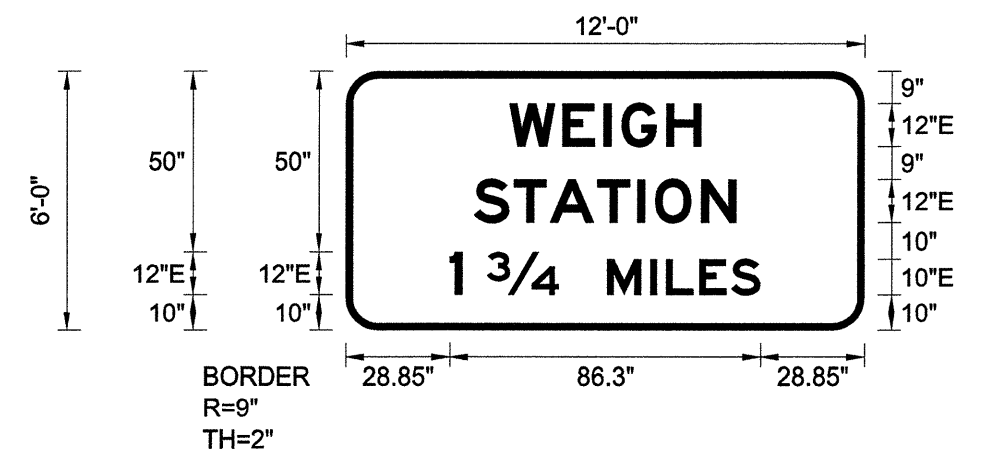
ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

31-OCT-2013 11:17
 C:\Users\paul.d...r\Documents\903D10\903D10.dgn
 25631 AT RALEIGH\80FFR

SIGN NUMBER: 1A TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 12'-0" HEIGHT: 6'-0" TOTAL AREA: 72.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"
 NO. Z BARS: 2 LENGTH: 136.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTM PROJECT ID: I-4928 DIV: 12 DATE: Aug 19, 2013



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

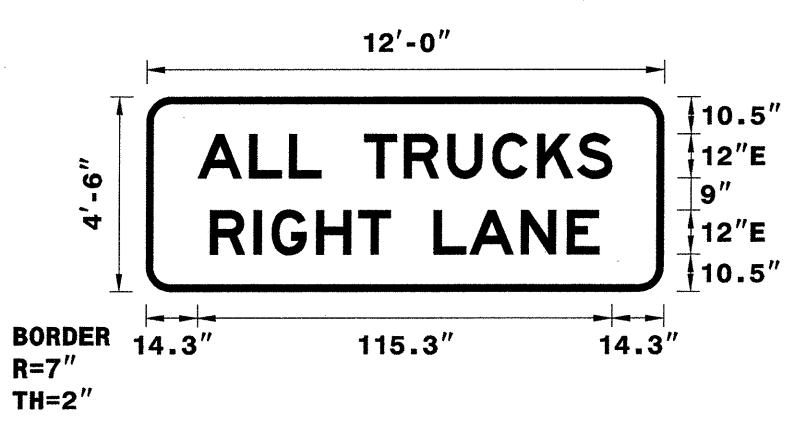
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	53.3
E 2000	72.7
E 2000	86.3

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 1B, 2B TYPE: A BACKG COLOR: White COPY COLOR: Black
 QUANTITY: 2
 SIGN WIDTH: 12'-0" HEIGHT: 4'-6" TOTAL AREA: 54.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 7"
 NO. Z BARS: 2 LENGTH: 136.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTM PROJECT ID: I-4928 DIV: 12 DATE: Aug 22, 2013



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

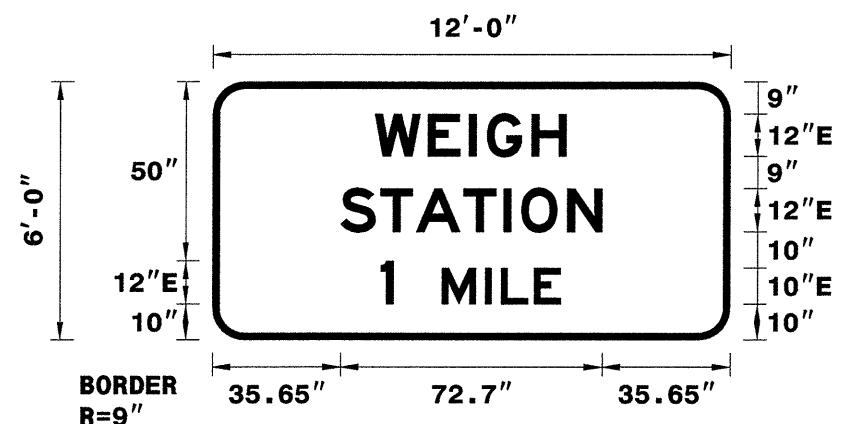
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	115.3
E 2000	108.4

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2A TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 12'-0" HEIGHT: 6'-0" TOTAL AREA: 72.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9"
 NO. Z BARS: 2 LENGTH: 136.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTM PROJECT ID: I-4928 DIV: 12 DATE: Aug 19, 2013



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

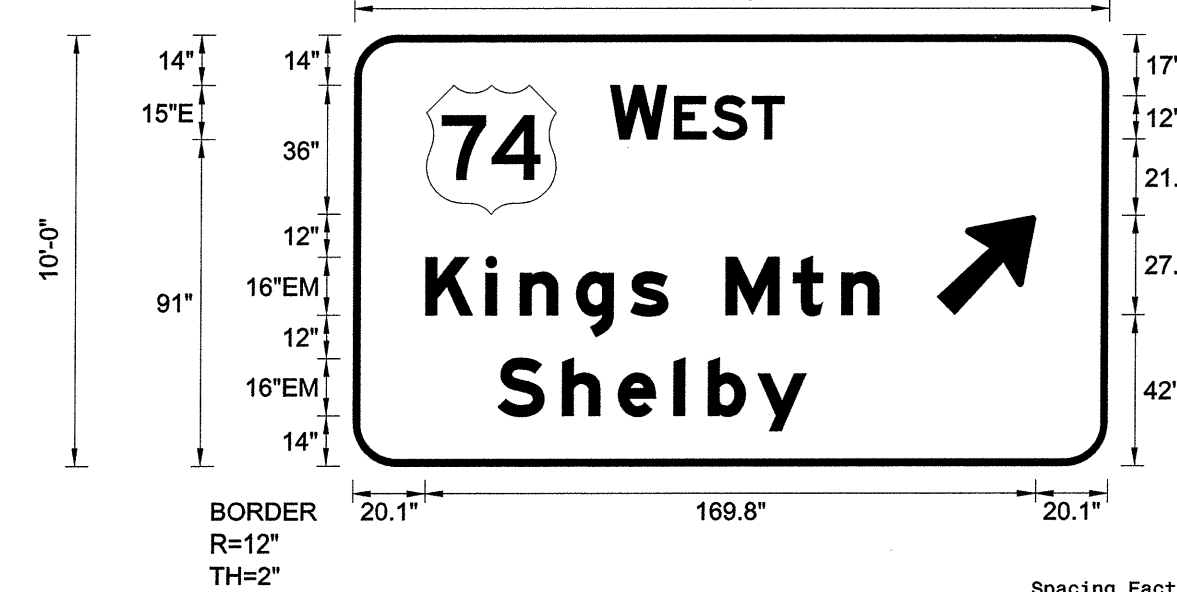
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	53.3
E 2000	72.7
E 2000	50.1

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3 TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 17'-6" HEIGHT: 10'-0" TOTAL AREA: 175.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 3 LENGTH: 202.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTM PROJECT ID: I-4928 DIV: 12 DATE: Sep 26, 2013



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

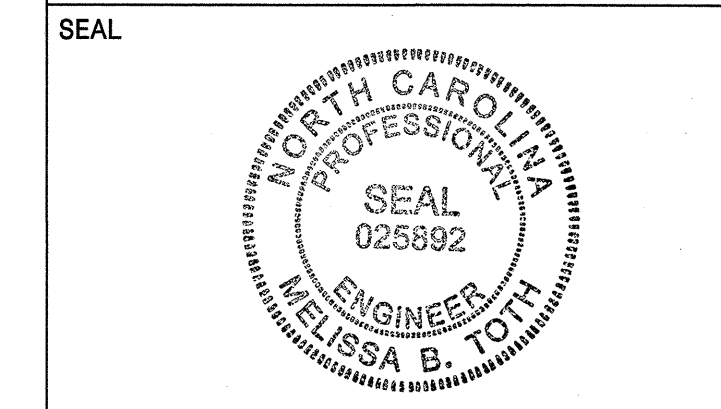
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	48.6
EM 2000	126.2
EM 2000	85.9

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

3-10-2013 11:17 0:\Tran\pct\sign\100033177 I-4928 I-85 NB Weigh Station\sign\sign design sheets.dgn 25651 AT RAL201480FFR

APPROVED: *Melissa B. Toth*
 DATE: 11/4/13



NOTES:

- ENSURE NEW SIGN PANELS 8A, 8B, 9A AND 9B HAVE THE SAME WIND AREA OR LESS THAN THE EXISTING WIND AREA.

SIGN NUMBER: 4
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 13'-6"
 HEIGHT: 8'-6"
 TOTAL AREA: 114.8 Sq.Ft.
 BORDER TYPE: RECESSED
 RECESS: 1"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 154.0

BACKG COLOR: White / White
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT

DESIGN BY: M. THIGPEN
 PROJECT ID: I-4928
 CHECKED BY: M. TOTH
 DIV: 12
 DATE: Aug 20, 2013

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	115.3
E 2000	106.6
E 2000	134.9
E 2000	76.1

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 5A
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 13'-6"
 HEIGHT: 6'-6"
 TOTAL AREA: 87.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 8"
 NO. Z BARS: 2
 LENGTH: 154.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT

DESIGN BY: M. THIGPEN
 PROJECT ID: I-4928
 CHECKED BY: M. TOTH
 DIV: 12
 DATE: Aug 22, 2013

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	53.3
E 2000	72.7
E 2000	106.6

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 5B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 13'-6"
 HEIGHT: 5'-0"
 TOTAL AREA: 67.5 Sq.Ft.
 BORDER TYPE: RECESSED
 RECESS: 1"
 WIDTH: 2"
 RADII: 8"
 NO. Z BARS: 2
 LENGTH: 154.0

BACKG COLOR: White
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT
ARROW	64.8	9.8	24	16.5

DESIGN BY: M. THIGPEN
 PROJECT ID: I-4928
 CHECKED BY: M. TOTH
 DIV: 12
 DATE: Aug 26, 2013

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	115.3
E 2000	134.2

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 6A, 7A, 9A
 TYPE: B
 QUANTITY: 3
 SIGN WIDTH: 9'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 23.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 106.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT

DESIGN BY: M. THIGPEN
 PROJECT ID: I-4928
 CHECKED BY: M. TOTH
 DIV: 12
 DATE: Aug 22, 2013

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

LETTER POSITIONS

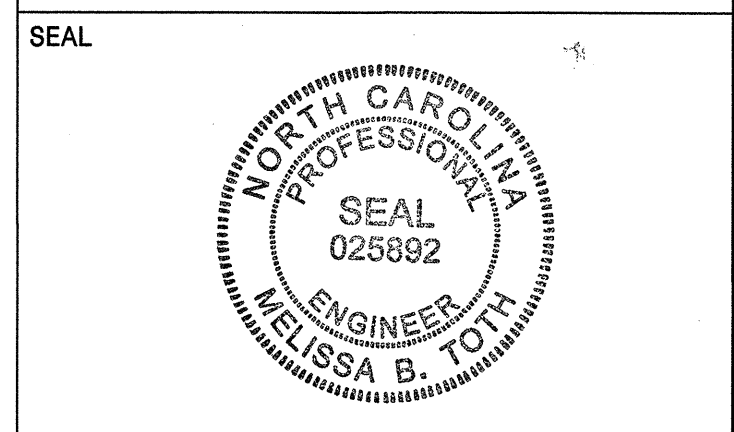
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	65.3

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

04-NOV-2013 11:07 O:\Transportation\Traf\Ic\Cur\1020033177 I-4928 I-85 NB Weigh Station\sign\sign design sheets.dgn 25651 AT RAL20141480FR

APPROVED: *Melissa B. Toth*
DATE: 11/4/13



NOTES:

- ENSURE NEW SIGN PANELS 8A, 8B, 9A AND 9B HAVE THE SAME WIND AREA OR LESS THAN THE EXISTING WIND AREA.

SIGN NUMBER: 6B BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 18'-6"
HEIGHT: 8'-6"
TOTAL AREA: 157.3 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 214.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH
PROJECT ID: I-4928 DIV: 12 DATE: Aug 26, 2013

USE NOTES: 1,2

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.6
d 2000	14.7
g 2000	15.5
e 2000	15.5
w 2000	13.8
o 2000	19.5
o 2000	14.4
d 2000	14.4
R 2000	10.6
d 2000	16
R 2000	15.8
d 2000	10.6
30.6	30.6
B 2000	18
e 2000	16
s 2000	13.8
s 2000	13.8
e 2000	14.1
m 2000	15.5
e 2000	22.6
r 2000	15.5
C 2000	8
i 2000	17.4
t 2000	8
y 2000	11.7
13.8	18
1	18
1/4	18
M 2000	1
I 2000	1
L 2000	1
E 2000	1
S 2000	1
65.2	4.5
7.5	22
15	12
4.4	9.2
8.9	8.1
8.1	65.2
E 2000	91.6

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 7B BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
ARDOWN	90.4	8.7	30	20.6

SIGN WIDTH: 18'-6"
HEIGHT: 11'-6"
TOTAL AREA: 212.8 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 214.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH
PROJECT ID: I-4928 DIV: 12 DATE: Aug 22, 2013

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 222" X 36"

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.6
d 2000	14.7
g 2000	15.5
e 2000	15.5
w 2000	13.8
o 2000	19.5
o 2000	14.4
d 2000	14.4
R 2000	10.6
d 2000	16
R 2000	15.8
d 2000	10.6
30.6	30.6
B 2000	18
e 2000	16
s 2000	13.8
s 2000	13.8
e 2000	14.1
m 2000	15.5
e 2000	22.6
r 2000	15.5
C 2000	8
i 2000	17.4
t 2000	8
y 2000	11.7
13.8	18
1/2	18
M 2000	1
I 2000	1
L 2000	1
E 2000	1
S 2000	1
76	22
15	12
4.4	9.2
7.5	76
E 2000	70.1
X 2000	41.7
I 2000	10.7
T 2000	12.8
4.2	9
143.6	9
O 2000	41.7
N 2000	132.4
L 2000	12.8
Y 2000	12.8
10	12.2
41.7	10
E 2000	47.9

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8A BACKG COLOR: Green
TYPE: B COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 106.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH
PROJECT ID: I-4928 DIV: 12 DATE: Aug 22, 2013

USE NOTES: 1,2

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	23.6
X 2000	8.9
I 2000	10.7
T 2000	3.5
1 2000	7.5
14	15
7.1	14.1
23.6	23.6

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8B BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	108	98	36	36

SIGN WIDTH: 21'-0"
HEIGHT: 12'-6"
TOTAL AREA: 262.5 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 244.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH
PROJECT ID: I-4928 DIV: 12 DATE: Aug 26, 2013

USE NOTES: 1,2,3

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	19.1
11.8	16
B 2000	16
e 2000	13.8
s 2000	13.8
s 2000	14.1
e 2000	22.6
m 2000	15.5
e 2000	8
16	17.4
8	11.7
13.6	19.1
W 2000	141.9
G 2000	17
16.3	16.2
13.9	12
15.8	17
8.2	10.6
55	55
1	1
3/4	1
M 2000	1
I 2000	1
L 2000	1
E 2000	1
S 2000	1
78.7	4.5
7.5	25
15	12
4.4	9.2
8.9	8.1
78.7	78.7
E 2000	94.6

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

04-NOV-2013 10:07 C:\Transportation\Irf\fac\Cur\100033177 I-4928 I-85 NB Weigh Station\sign\sign design sheets.dgn 25651 AT RAL20A1480FFR

APPROVED: *Melissa B. Toth*

DATE: 11/4/13

SEAL



NOTES:

- ENSURE NEW SIGN PANELS 8A, 8B, 9A AND 9B HAVE THE SAME WIND AREA OR LESS THAN THE EXISTING WIND AREA.

SIGN NUMBER: 9B **BACKG COLOR: Green**
TYPE: A **COPY COLOR: White**

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Oct 17, 2013
PROJECT ID: I-4928 DIV: 12

QUANTITY: 1 **SYMBOL** X Y WID HT

SIGN WIDTH: 18'-6"
HEIGHT: 9'-0"
TOTAL AREA: 166.5 Sq.Ft.

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

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 214.0

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 222" X 36"

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
E	d	g	e	w	o	o	d	R	d				EM 2000		
30.6	14.7	15.5	15.5	13.8	19.5	14.4	14.4	10.6	16	15.8	10.6	30.6	160.8		
B	e	s	s	e	n	e	r	C	i	t	y		EM 2000		
18	16	13.8	13.8	14.1	15.5	22.6	15.5	8	16	17.4	8	11.7	13.6	18	185.9
E	X	I	T												E 2000
44.3	10.7	12.8	4.2	9	141										36.7
O	N	L	Y												E 2000
129.8	12.8	12.8	10	12.2	44.3										47.9

FILENAME: Gsdsgn_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101A **BACKG COLOR: White**
TYPE: A **COPY COLOR: Black**

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 26, 2013
PROJECT ID: I-4928 DIV: 12

QUANTITY: 1 **SYMBOL** X Y WID HT

SIGN WIDTH: 14'-6"
HEIGHT: 6'-0"
TOTAL AREA: 87.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 1"
WIDTH: 2"
RADIUS: 9"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 166.0

USE NOTES:

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

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size				
													Text Length				
A	L	L	T	R	U	C	K	S					E 2000				
29.3	14.3	11	9	12	11	12.1	12.5	12.5	11.2	9.7	29.3		115.3				
R	I	G	H	T	L	A	N	E					E 2000				
32.8	12.1	4.9	12.5	11.8	9	12	10	14.3	12.8	9	32.8		108.4				
B	E	G	I	N	2	1/2	M	I	L	E	S		E 2000				
11.7	10.1	9.2	10.4	4.4	8.1	16	9.7	7.5	17.6	15	12	4.4	9.2	8.9	8.1	11.7	150.6

FILENAME: Gsdsgn_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101B **BACKG COLOR: Green**
TYPE: A **COPY COLOR: White**

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 22, 2013
PROJECT ID: I-4928 DIV: 12

QUANTITY: 1 **SYMBOL** X Y WID HT

SIGN WIDTH: 14'-6"
HEIGHT: 2'-6"
TOTAL AREA: 36.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADIUS: 4"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 166.0

USE NOTES: 1,2

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

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size				
													Text Length				
W	E	I	G	H	I	N	N	O	T	I	O	N	E 2000				
26.8	12.3	9.5	4.1	10.4	8.1	5	4.4	8.1	5	11.7	9.8	9.2	4.1	10.7	8.1	26.8	120.5

FILENAME: Gsdsgn_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102A **BACKG COLOR: White**
TYPE: A **COPY COLOR: Black**

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 26, 2013
PROJECT ID: I-4928 DIV: 12

QUANTITY: 1 **SYMBOL** X Y WID HT

SIGN WIDTH: 12'-0"
HEIGHT: 6'-6"
TOTAL AREA: 78.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 1"
WIDTH: 2"
RADIUS: 10"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 136.0

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.

NOTE: THIS SIGN IS MOUNTED ON THE LEFT SHOULDER

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size				
													Text Length				
A	L	L	T	R	U	C	K	S					E 2000				
14.3	14.3	11	9	12	11	12.1	12.5	12.5	11.2	9.7	14.3		115.3				
R	I	G	H	T	L	A	N	E					E 2000				
17.8	12.1	4.9	12.5	11.8	9	12	10	14.3	12.8	9	17.8		108.4				
B	E	G	I	N	2	1/2	M	I	L	E	S		E 2000				
12.7	10.1	9.2	10.4	4.4	8.1	12	9.7	7.5	17.6	15	12	4.4	9.2	8.9	8.1	12.7	118.5

FILENAME: Gsdsgn_English NORTH CAROLINA D.O.T. SIGN DETAIL

04-NOV-2013 11:07 D:\Transportation\100033177 I-4928 I-85 NB Weigh Station\sign design sheets.dgn

SIGN NUMBER: 1088 BACKG COLOR: Yellow
 TYPE: B COPY COLOR: Black
 QUANTITY: 1

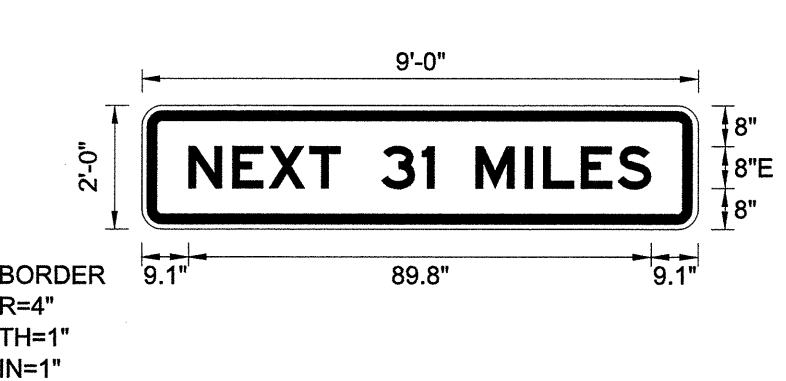
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 9'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 18.0 Sq.Ft.

BORDER TYPE: RECESSED
 RECESS: 1"
 WIDTH: 1"
 RADII: 4"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 100.0

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Oct 03, 2013
 PROJECT ID: I-4928 DIV: 12



USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length		
N	E	X	T	3	1	M	I	L	E	S			E 2000	89.8		
9.1	8.6	7.1	7.8	6	8	7.8	2.4	8	9.6	3.5	7.4	7.1	6.5	9.1		

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 109 BACKG COLOR: White
 TYPE: B COPY COLOR: Black
 QUANTITY: 1

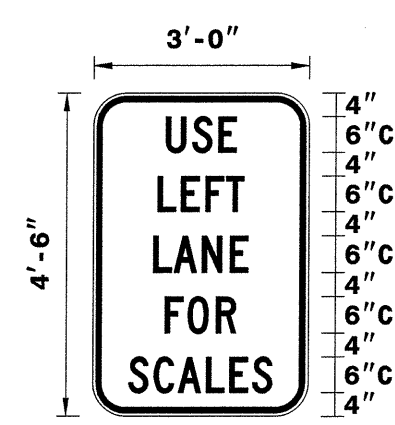
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
 HEIGHT: 4'-6"
 TOTAL AREA: 13.5 Sq.Ft.

BORDER TYPE: RECESSED
 RECESS: 0.5"
 WIDTH: 1"
 RADII: 5"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 28.0

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 26, 2013
 PROJECT ID: I-4928 DIV: 12



USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length
U	S	E											C 2000	11.8
12.1	4.4	4.4	3.1	12.1										
10.8	3.9	4.1	3.4	3.1	10.8									
10.1	3.4	4.7	4.7	3.1	10.1									
12.1	3.8	4.7	3.4	12.1										
6	4.3	4.1	4.7	3.9	3.8	3.4	6							

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 110 BACKG COLOR: White
 TYPE: B COPY COLOR: Black
 QUANTITY: 1

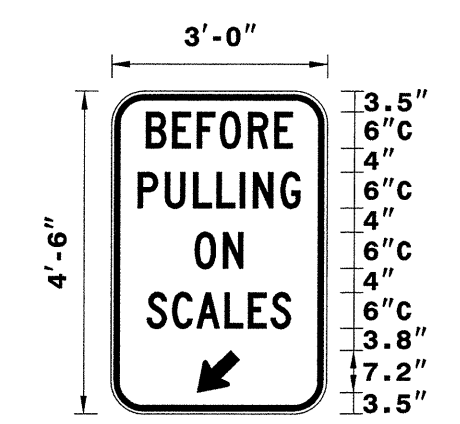
SYMBOL	X	Y	WID	HT
AR_Type D	14.4	3.6	6	9

SIGN WIDTH: 3'-0"
 HEIGHT: 4'-6"
 TOTAL AREA: 13.5 Sq.Ft.

BORDER TYPE: RECESSED
 RECESS: 0.5"
 WIDTH: 1"
 RADII: 5"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 28.0

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 26, 2013
 PROJECT ID: I-4928 DIV: 12



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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length
B	E	F	O	R	E								C 2000	24.4
5.8	4.4	4.1	3.8	4.7	4.4	3.1	5.8							
4.4	4.6	4.7	3.9	3.9	2.2	4.6	3.4	4.4						
14	4.7	3.4	14											
6	4.3	4.1	4.7	3.9	3.8	3.4	6							

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 111 BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 1

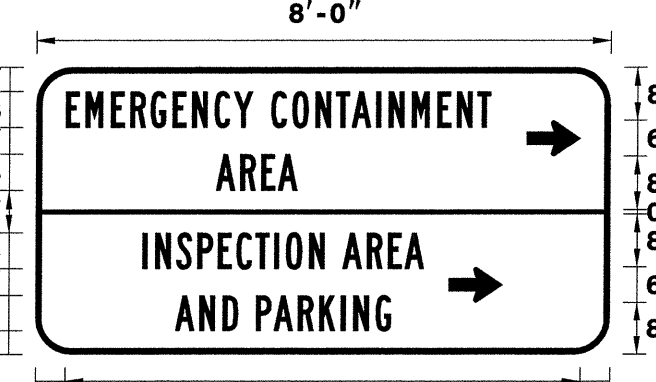
SYMBOL	X	Y	WID	HT
AR_Type D	82	33.2	6	9
AR_Type D	69.1	8.8	6	9

SIGN WIDTH: 8'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 32.0 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 6"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 88.0

DESIGN BY: M. THIGPEN CHECKED BY: M. TOTH DATE: Aug 26, 2013
 PROJECT ID: I-4928 DIV: 12



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

Spacing Factor is 1 unless specified otherwise

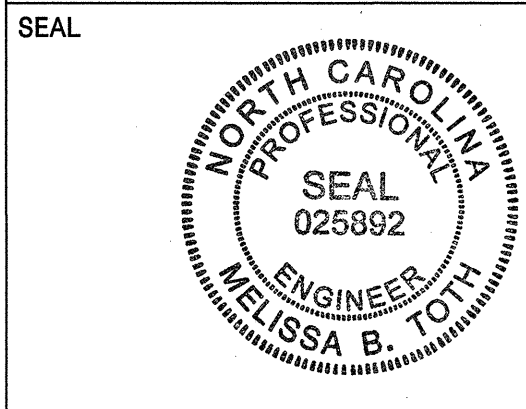
LETTER POSITIONS

Letter spacings are to start of next letter																							Series/Size	Text Length
E	M	E	R	G	E	N	C	Y	3	C	O	N	T	A	I	N	M	E	N	T	20	B 2000	71	
5	3.2	4.3	3.2	3.4	3.7	3.2	3.7	3.2	3.2	3	3.5	3.9	3.4	2.6	4.1	2.1	3.9	4.3	3.2	3.4	2.3	20		
30.1	4.1	3.5	2.8	3.2	52.3																			
17.9	2.1	3.5	3.5	3.4	3.1	3.2	3.1	1.9	3.9	2.6	3	4.1	3.5	2.8	3.2	31.1								
23.3	4.1	3.9	2.6	3	2.9	4.1	3.5	3.6	2.1	3.7	2.6	36.5												

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

3-001-2013 I118
 D:\Engineering\3030\I-4928\I-4928 NB Weigh Station\sign\sign design sheets.dgn
 2:05:51 AM 11/14/13

APPROVED: *Melissa B. Toth*
 DATE: 11/4/13



SIGN NUMBER: 112
TYPE: B
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 4'-0"
TOTAL AREA: 32.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	7.4	31.4	6	9
AR_Type D	16.9	8.1	6	9

DESIGN BY: M. THIGPEN
PROJECT ID: I-4928
CHECKED BY: M. TOTH
DIV: 12
DATE: Aug 26, 2013

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size										
													Text Length										
17.6	3.2	4.3	3.2	3.4	3.7	3.2	3.7	3.2	3.2	3	3.5	3.9	3.4	2.6	4.1	2.1	3.9	4.3	3.2	3.4	2.3	7.4	B 2000
A R E A													71										
42.7	4.1	3.5	2.6	3.2	39.7																	B 2000	
I N S P E C T I O N A R E A													13.6										
30.1	2.1	3.5	3.5	3.4	3.1	3.2	3.1	1.9	3.9	2.6	3	4.1	3.5	2.8	3.2	18.9						B 2000	
A N D P A R K I N G													47										
35.5	4.1	3.9	2.6	3	2.9	4.1	3.5	3.6	2.1	3.7	2.6	24.4											B 2000
A N D P A R K I N G													36.1										

FILENAME: Guidesign_Englsh NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 113
TYPE: B
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 4'-0"
TOTAL AREA: 32.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	7.4	31.4	6	9
AR_Type D	71.4	9	6	9

DESIGN BY: M. THIGPEN
PROJECT ID: I-4928
CHECKED BY: M. TOTH
DIV: 12
DATE: Aug 26, 2013

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size										
													Text Length										
17.6	3.2	4.3	3.2	3.4	3.7	3.2	3.7	3.2	3.2	3	3.5	3.9	3.4	2.6	4.1	2.1	3.9	4.3	3.2	3.4	2.3	7.4	B 2000
A R E A													71										
42.7	4.1	3.5	2.6	3.2	39.7																	B 2000	
I N S P E C T I O N A R E A													13.6										
17.6	2.1	3.5	3.5	3.4	3.1	3.2	3.1	1.9	3.9	2.6	3	4.1	3.5	2.8	3.2	11.2						B 2000	
A N D P A R K I N G													47										
23.2	4.1	3.9	2.6	3	2.9	4.1	3.5	3.6	2.1	3.7	2.6	36.6											B 2000
A N D P A R K I N G													36.1										

FILENAME: Guidesign_Englsh NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 201
TYPE: A
QUANTITY: 1
SIGN WIDTH: 7'-0"
HEIGHT: 6'-6"
TOTAL AREA: 45.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 8"
NO. Z BARS: 2
LENGTH: 76.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	29	7.9	21	33.1

DESIGN BY: M. THIGPEN
PROJECT ID: I-4928
CHECKED BY: M. TOTH
DIV: 12
DATE: Aug 21, 2013

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
19.8	12.3	9.5	4.1	10.4	8.1	19.8							E 2000
W E I G H S T A T I O N													44.4
11.7	9.2	8.3	11	9.2	4.1	10.7	8.1	11.7					E 2000
W E I G H S T A T I O N													60.6

FILENAME: Guidesign_Englsh NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 4'-6"
HEIGHT: 3'-0"
TOTAL AREA: 13.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.75"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Blue
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	2.2	2.2	49.5	2.2

DESIGN BY: M. THIGPEN
PROJECT ID: I-4928
CHECKED BY: M. TOTH
DIV: 12
DATE: Jul 11, 2013

USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

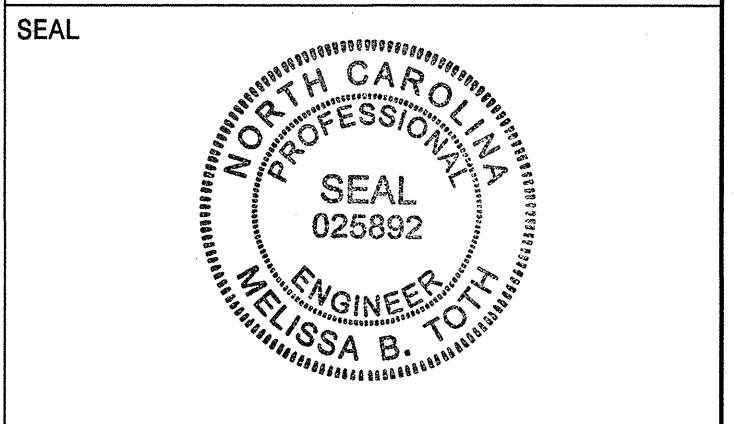
LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size					
													Text Length					
14.8	3.9	4.7	4.1	4.4	4.1	3.4	14.8						C 2000					
B Y P A S S													24.5					
7.4	3.9	4.7	1.9	3.4	6	5.4	4.1	2	4.6	3.4	7.4			C 2000				
T H I S W E I G H													39.2					
14.2	3.9	3.4	4.2	3.9	2	4.7	3.4	14.2					C 2000					
S T A T I O N													25.6					
2.2	1.9	2.5	4.1	4.2	3.9	2.5	4.1	4.3	3.8	2.7	4.3	3.9	3.9	3.4	2.2			C 2000
1 - 8 6 6 - 9 0 3 - 0 3 3 3													49.5					

FILENAME: Guidesign_Englsh NORTH CAROLINA D.O.T. SIGN DETAIL

04-NOV-2013 11:24 C:\Transportation\1000033177 I-4928 1-85 NB Weigh Station\sign\sign design sheets.dgn

APPROVED: *Melissa B. Toth*
 DATE: 11/4/13



SIGN NUMBER: 307, 308 **BACKG COLOR:** White
TYPE: D **COPY COLOR:** Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 1'-0"
TOTAL AREA: 1.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADII: 2"
MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: M. THIGPEN **CHECKED BY:** M. TOTH
PROJECT ID: I-4928 **DIV:** 12 **DATE:** Aug 26, 2013

USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter					Series/Size Text Length
4	0				B 2000
5.7	3.9	2.8	5.7	6.7	

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 309, 310 **BACKG COLOR:** White
TYPE: D **COPY COLOR:** Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 1'-0"
TOTAL AREA: 1.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADII: 2"
MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: M. THIGPEN **CHECKED BY:** M. TOTH
PROJECT ID: I-4928 **DIV:** 12 **DATE:** Aug 26, 2013

USE NOTES:
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter					Series/Size Text Length
5	0				B 2000
5.9	3.4	2.8	5.9	6.1	

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 311, 312 **BACKG COLOR:** White
TYPE: D **COPY COLOR:** Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 1'-0"
TOTAL AREA: 1.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADII: 2"
MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: M. THIGPEN **CHECKED BY:** M. TOTH
PROJECT ID: I-4928 **DIV:** 12 **DATE:** Aug 26, 2013

USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter					Series/Size Text Length
6	0				B 2000
5.9	3.5	2.8	5.9	6.3	

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 313, 314 **BACKG COLOR:** White
TYPE: D **COPY COLOR:** Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 1'-0"
TOTAL AREA: 1.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADII: 2"
MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: M. THIGPEN **CHECKED BY:** M. TOTH
PROJECT ID: I-4928 **DIV:** 12 **DATE:** Aug 26, 2013

USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Panel Style: weigh station 2.ssi
 M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter					Series/Size Text Length
7	0				B 2000
5.9	3.5	2.8	5.9	6.3	

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

3-001-2013 lit8
 06/11/2013 10:30 AM T:\06\Tcf\c\Cur\1000033177 I-4928 I-85 NB Weigh Station\sign\sign design sheets.dgn
 2051 AT 16L20A1821FR

SIGN NUMBER: 315, 316 **BACKG COLOR:** White **DESIGN BY:** M. THIGPEN **CHECKED BY:** M. TOTH **DATE:** Aug 26, 2013
TYPE: D **COPY COLOR:** Black **PROJECT ID:** I-4928 **DIV:** 12

QUANTITY: 2

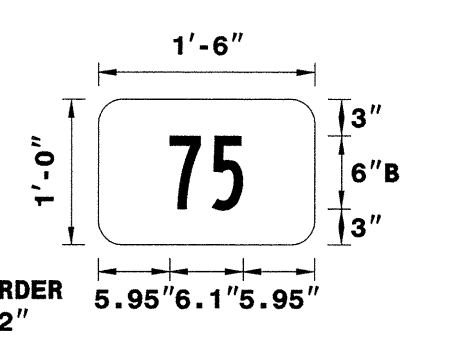
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 1'-0"
TOTAL AREA: 1.5 Sq.Ft.

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

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1, 2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C Sheeting.
 2. Background shall be Grade C reflective sheeting.



Panel Style: weigh station 2.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter					Series/Size Text Length
7	5				B 2000
5.9	3.5	2.6	5.9		6.1

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 317 **BACKG COLOR:** White **DESIGN BY:** M. THIGPEN **CHECKED BY:** M. TOTH **DATE:** Aug 26, 2013
TYPE: D **COPY COLOR:** Black **PROJECT ID:** I-4928 **DIV:** 12

QUANTITY: 1

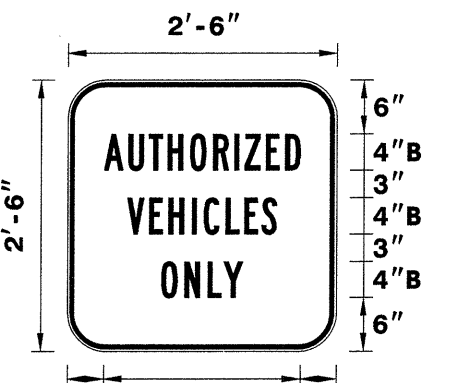
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-6"
HEIGHT: 2'-6"
TOTAL AREA: 6.3 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.25"
WIDTH: 0.5"
RADII: 4"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.



Panel Style: weigh station 2.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size Text Length	
A	U	T	H	O	R	I	Z	E	D			B 2000
4	2.7	2.3	2.1	2.5	2.6	2.4	1.2	2.4	2.2	1.7	4	21.9
V	E	H	I	C	L	E	S					B 2000
6.7	2.4	2.2	2.6	1.3	2.5	2.1	1.9	1.7	6.7			16.7
O	N	L	Y									B 2000
10.4	2.6	2.6	1.8	2.2	10.4							9.1

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 318 **BACKG COLOR:** Green **DESIGN BY:** M. THIGPEN **CHECKED BY:** M. TOTH **DATE:** Aug 21, 2013
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-4928 **DIV:** 12

QUANTITY: 1

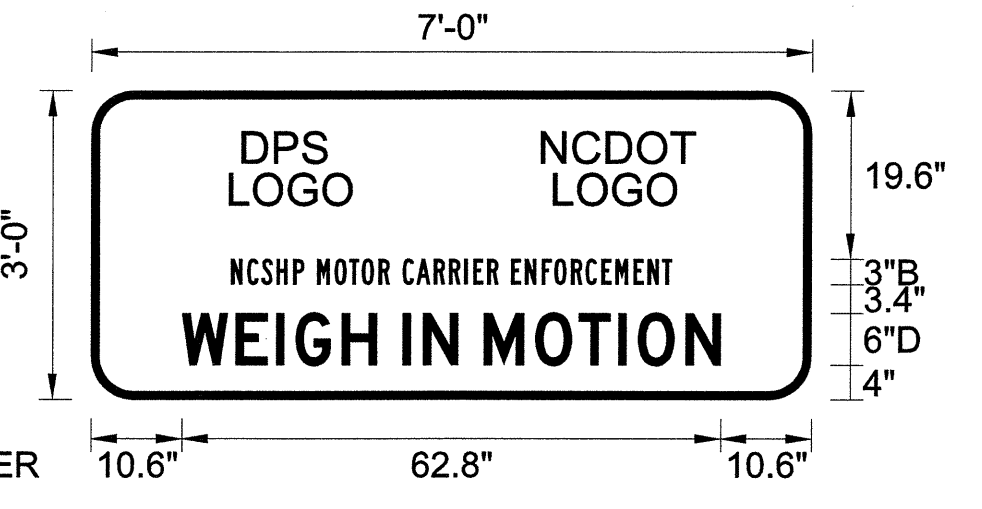
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-0"
HEIGHT: 3'-0"
TOTAL AREA: 21.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 5"

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH:

USE NOTES: 1, 2
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.



Panel Style: weigh station 2.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																Series/Size Text Length																	
N	C	S	H	P	M	O	T	O	R	C	A	R	R	I	E	R	E	N	F	O	R	C	E	M	E	N	T		B 2000				
16.3	1.9	1.7	1.8	2	1.3	1.5	2	1.7	1.5	1.9	1.3	1.5	1.6	2	1.8	1.8	1.1	1.6	1.3	1.5	1.6	1.9	1.5	2	1.7	1.9	1.6	2.1	1.6	1.7	1.1	16.3	51.4
W	E	I	G	H	I	N	M	O	T	I	O	N																				D 2000	
10.6	6.2	4.7	2.3	5.4	4.1	3	2.4	4.1	3	6	5	4.6	2.3	5.6	4.1	10.6															62.8		

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 319 **BACKG COLOR:** Green **DESIGN BY:** M. THIGPEN **CHECKED BY:** M. TOTH **DATE:** Aug 21, 2013
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-4928 **DIV:** 12

QUANTITY: 1

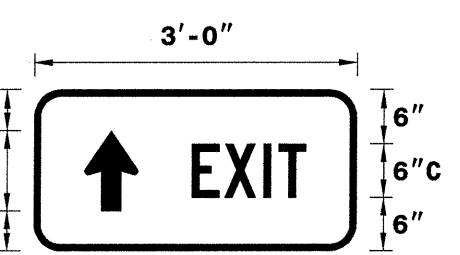
SYMBOL	X	Y	WID	HT
AR_Type D	5.6	4.5	6	9

SIGN WIDTH: 3'-0"
HEIGHT: 1'-6"
TOTAL AREA: 4.5 Sq.Ft.

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

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
LENGTH:

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



Panel Style: weigh station 2.ssi
M.U.T.C.D.: 2009 Edition

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		C 2000	
17.6	3.6	4.4	1.7	3.1	5.6	12.7

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

31-OCT-2013 11:18 D:\Transportation\TrafFic\Cur\100033177 I-4928 I-85 NB Weigh Station\sign\sign design sheets.dgn 25651 AT RALEIGH\B00FFR

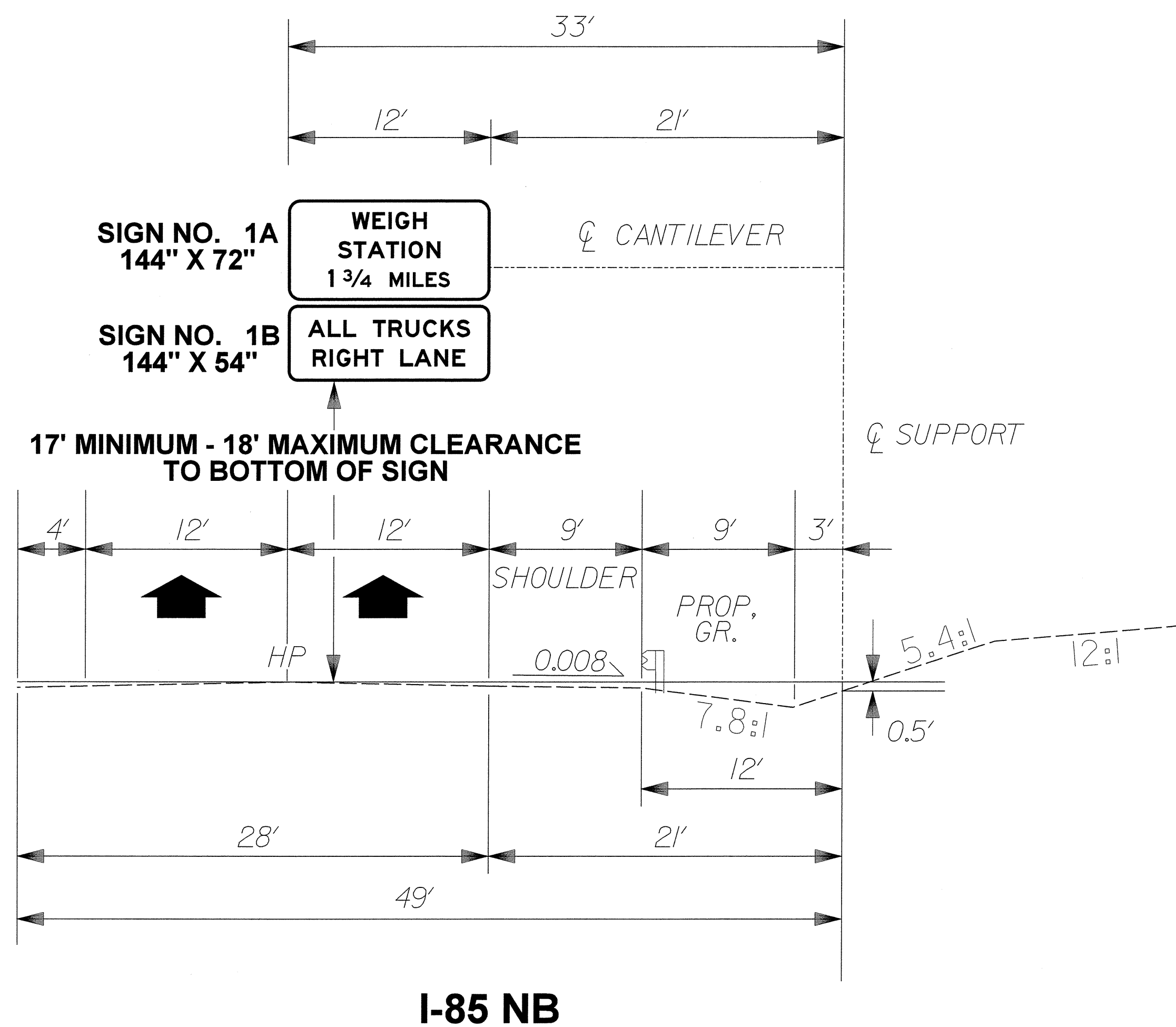
APPROVED: *Melissa B. Toth*
 DATE: 11/4/13

SEAL



NOTES:

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



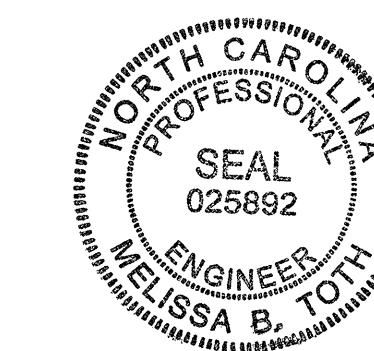
31-OCT-2013 11:18 C:\transportation\signing\Traffic\Cur\100033177 I-4928 I-85 NB Weigh Station\sign\structural line drawings.dgn

**OVERHEAD SIGN ASSEMBLY 'A'
 AT I-85 NBL NORTH OF 74 EAST EXIT
 (SEE SHEET SIGN-7)**

APPROVED: *Melissa Bath*

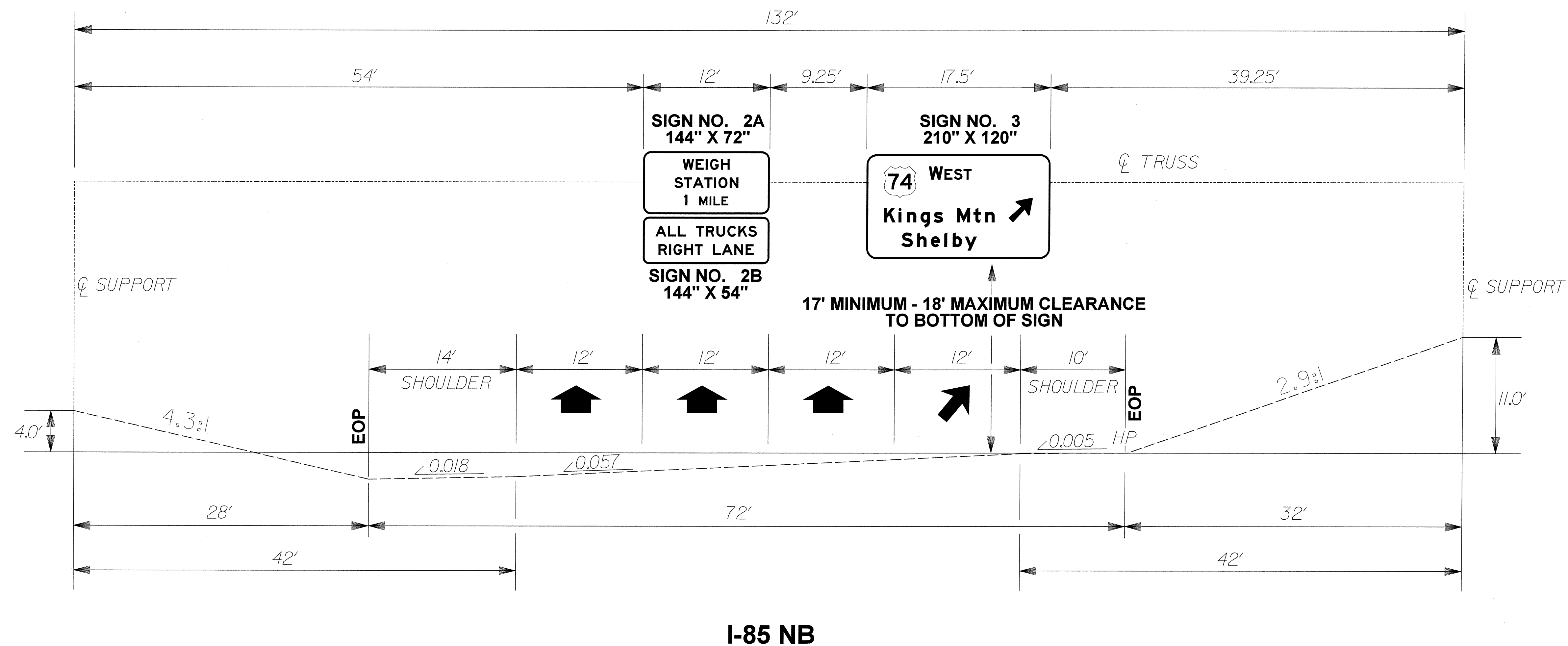
DATE: 11/4/13

SEAL



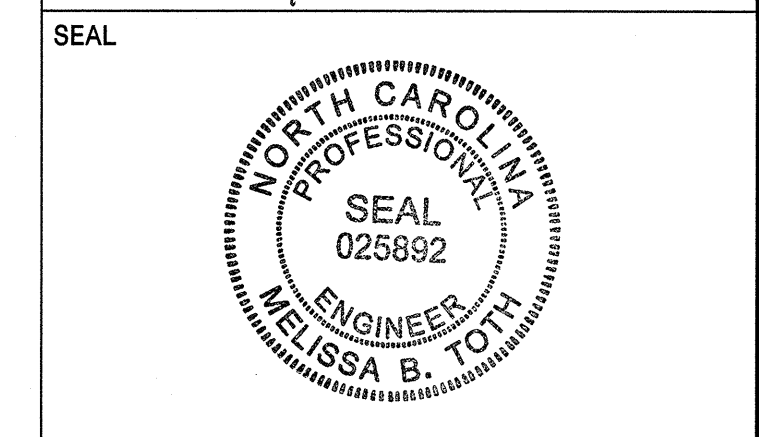
NOTES:

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



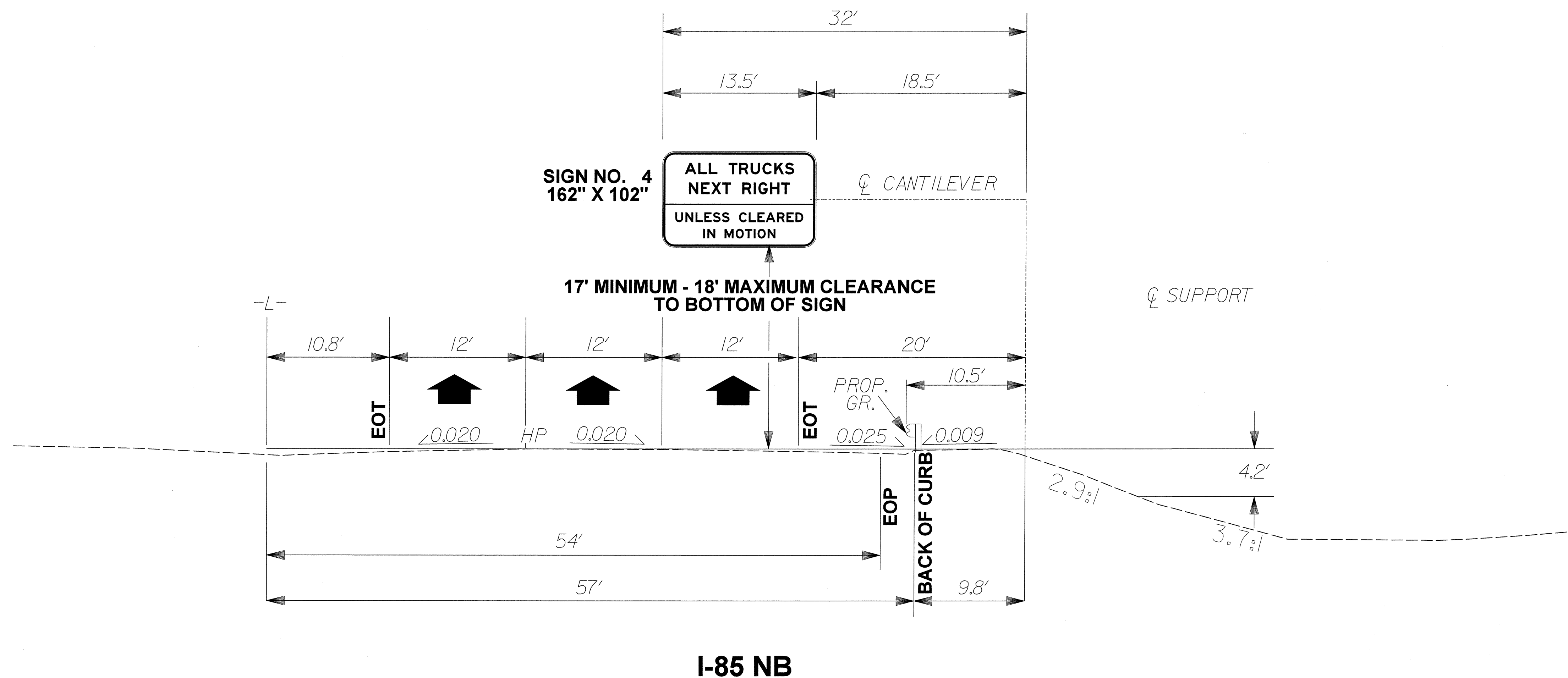
OVERHEAD SIGN ASSEMBLY 'B'
AT I-85 NBL & 74 WEST EXIT
(SEE SHEET SIGN-9)

APPROVED: *Melissa B. Toti*
 DATE: 11/4/13



NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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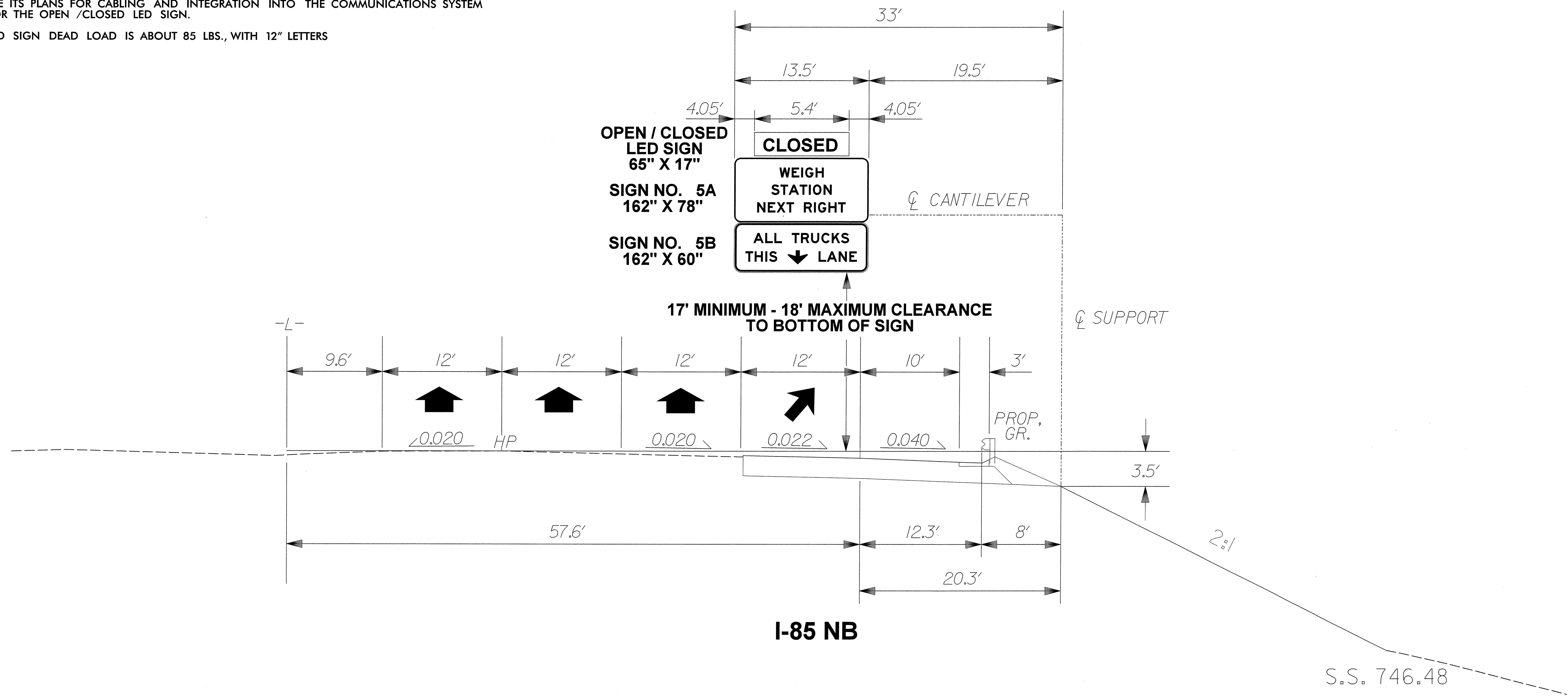


OVERHEAD SIGN ASSEMBLY 'C'
 AT -L- STA. 107+50 (NBL)
 (SEE SHEET SIGN-10)

31-OCT-2013 11:18
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 25651 AT PAL201460FFR

NOTES:

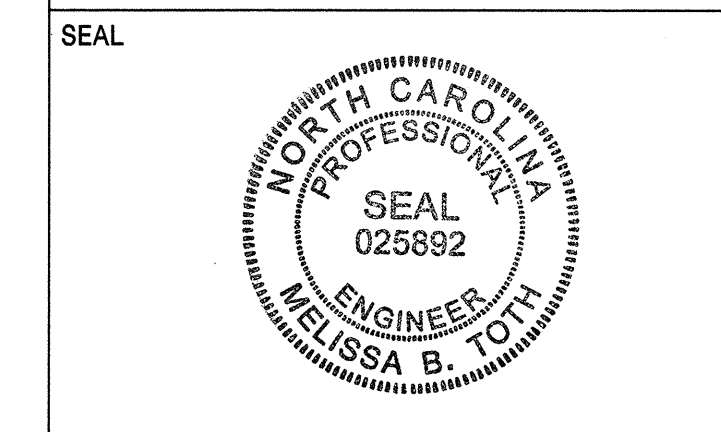
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- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.
- SEE ITS PLANS FOR CABLING AND INTEGRATION INTO THE COMMUNICATIONS SYSTEM FOR THE OPEN /CLOSED LED SIGN.
- LED SIGN DEAD LOAD IS ABOUT 85 LBS., WITH 12" LETTERS



31-OCT-2013 11:48
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 25651 AT RAL201480FFR

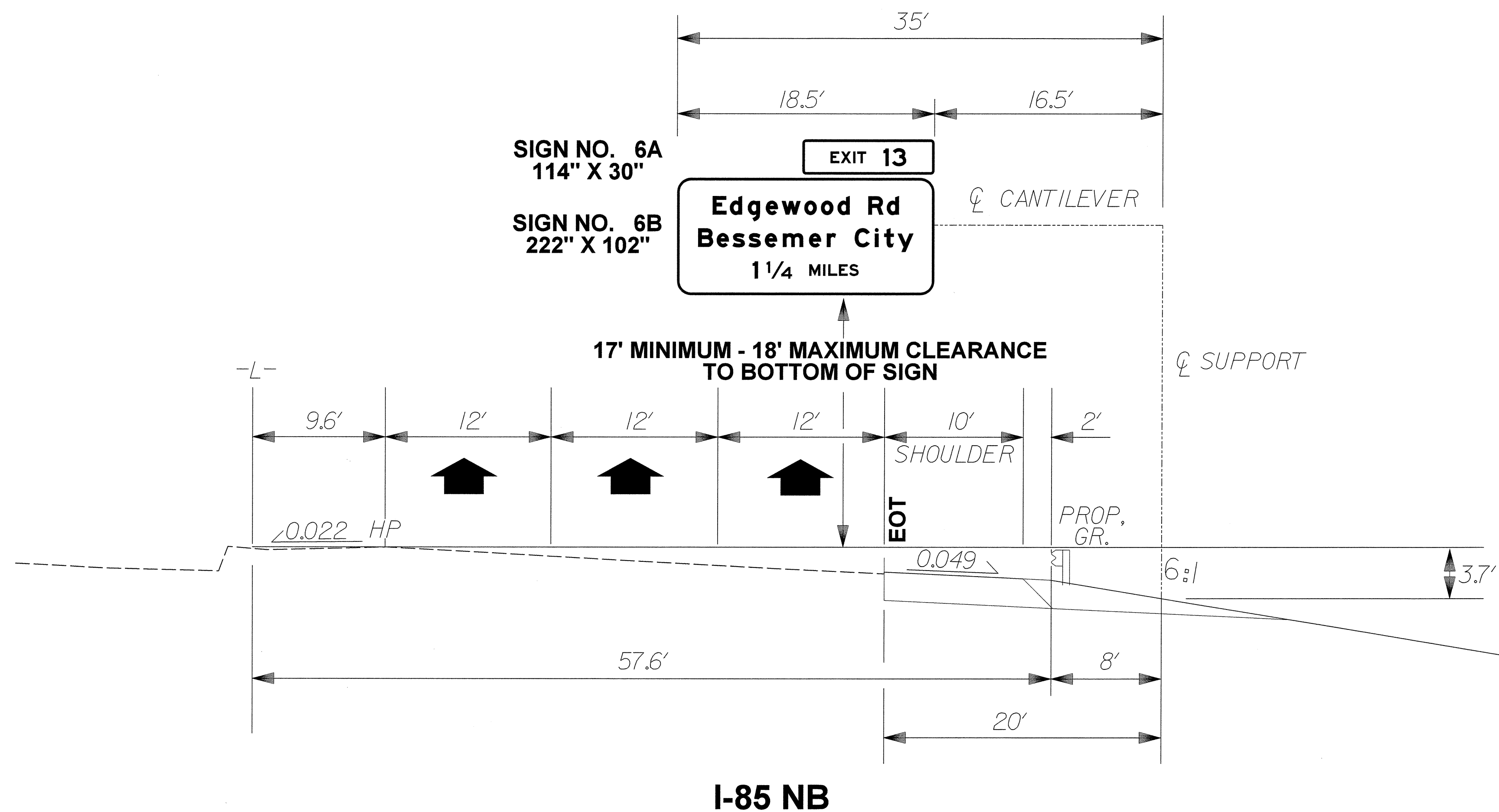
OVERHEAD SIGN ASSEMBLY 'D'
 AT -L- STA. 119+44 (NBL)
 (SEE SHEET SIGN-11)

APPROVED: *Melissa B. Tolh*
 DATE: 11/4/13



NOTES:

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31-OCT-2013 11:18 C:\Transportation\1001\Tolh\1000033177 I-4928 I-85 NB Weigh Station\sign\structural line drawings.dgn

OVERHEAD SIGN ASSEMBLY 'E'
 AT -L- STA. 135+90 (NBL)
 (SEE SHEET SIGN-11)

APPROVED: *Melissa B. Toti*

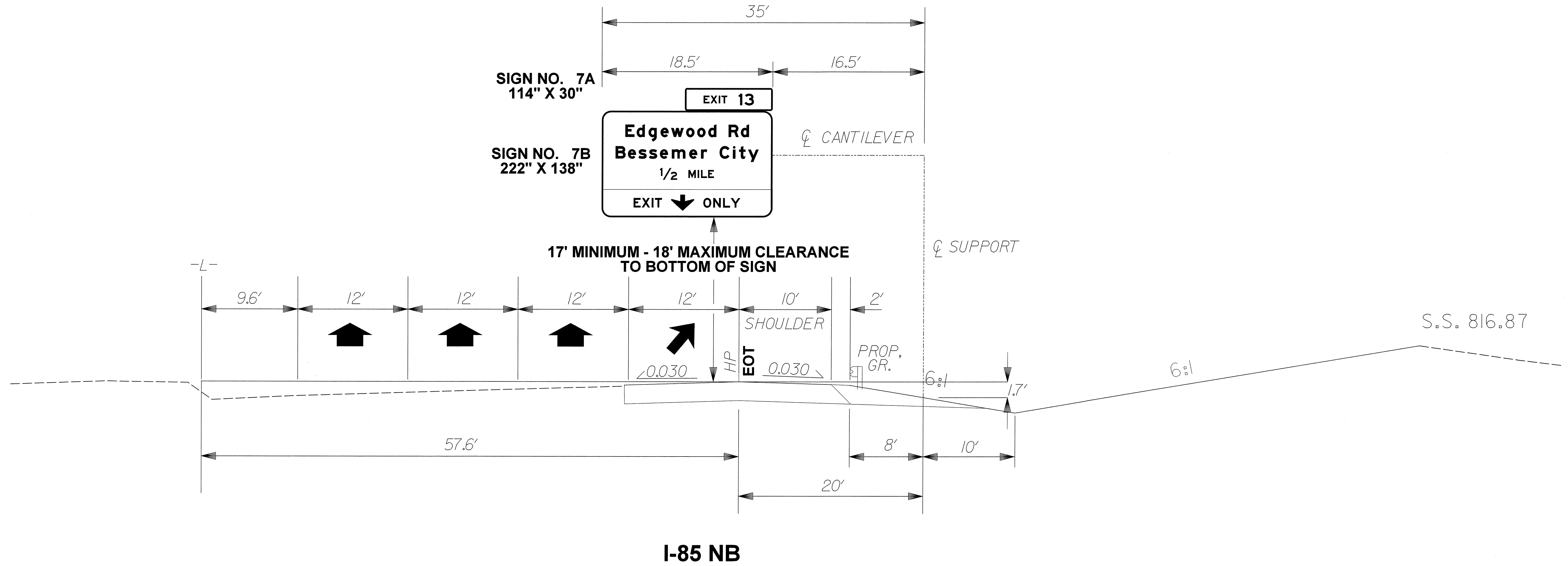
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SEAL



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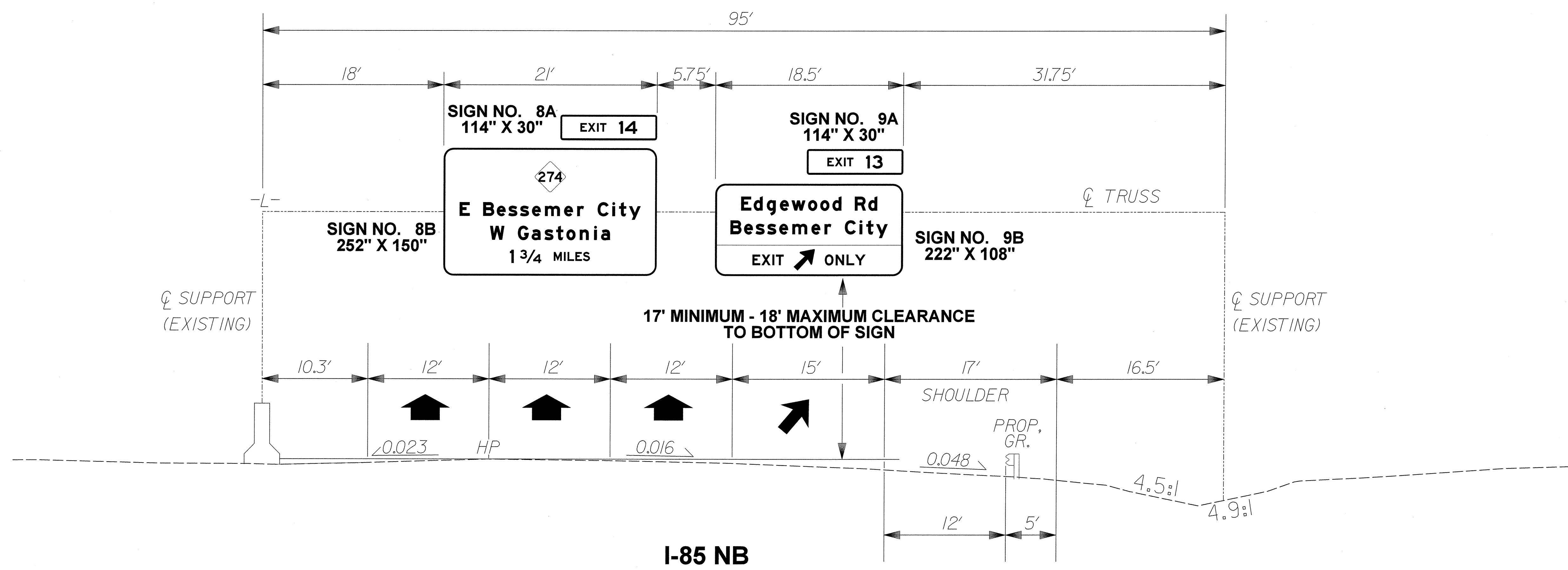
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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31-OCT-2013 11:18 C:\ProgramData\Autodesk\LT2013\Drawings\I-85 NB Weigh Station\sign\structural line drawings.dgn


**OVERHEAD SIGN ASSEMBLY 'F'
AT -L- STA. 182 + 30 (NBL)
(SEE SHEET SIGN-13)**

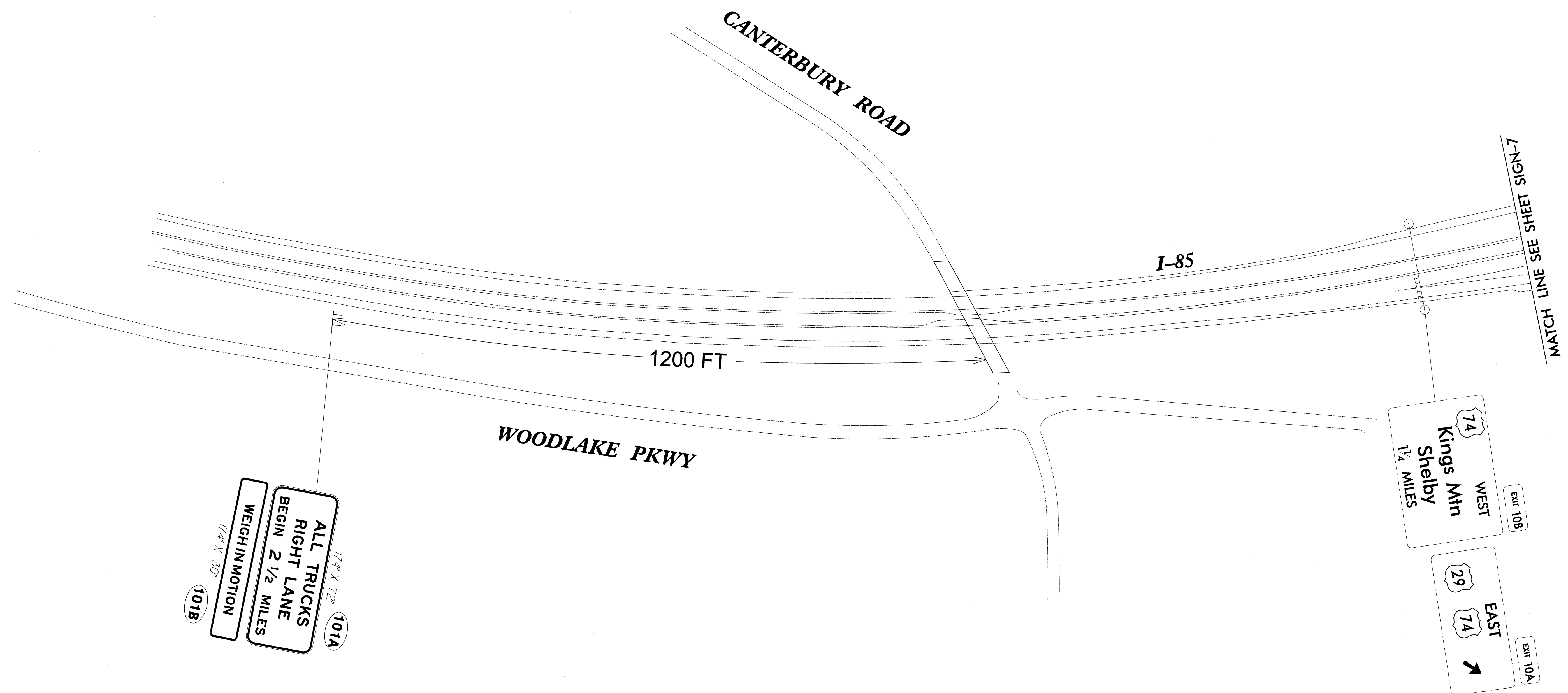
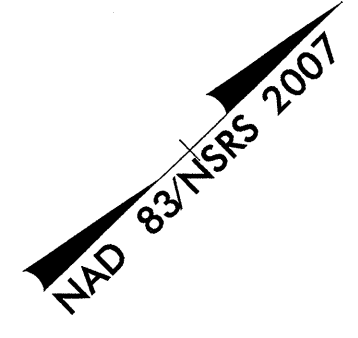
- NOTES:
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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 - TRUSS IS EXISTING WITH EXISTING SIGN PANELS TO BE REMOVED AS PART OF THIS PROJECT. INSTALL NEW SIGN PANELS AS SHOWN ON EXISTING TRUSS.
 - ENSURE NEW SIGN PANELS 8A, 8B, 9A AND 9B HAVE THE SAME WIND AREA OR LESS THAN THE EXISTING WIND AREA.



01-NOV-2013 10:30
 C:\Users\jtrapp\Documents\I-85 NB Weigh Station\sign\structural line drawings.dgn
 28651 PL 20141480FFR

EXISTING OVERHEAD SIGN ASSEMBLY
 AT -L- STA. 208+74 (NBL)
 (SEE SHEET SIGN-14)


TIP NO. I-4928	SHEET NO. SIGN-6
APPROVED: <i>Melissa B. Toth</i>	
DATE: 11/4/13	
SEAL	
	



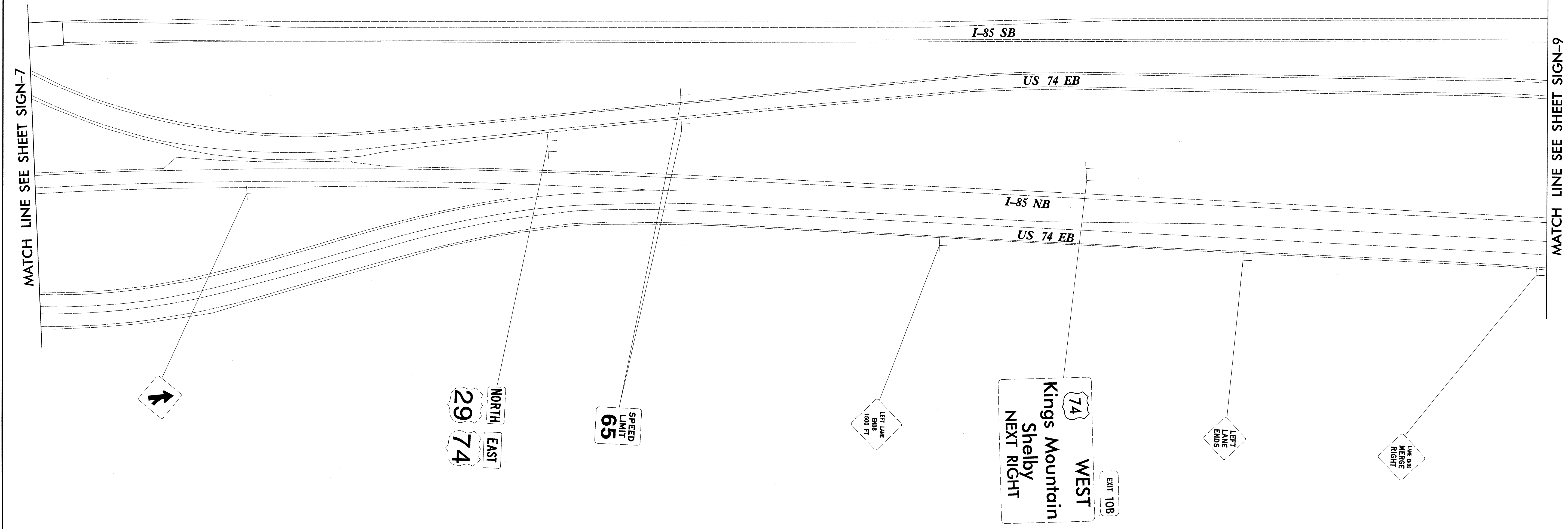
EXISTING AND PROPOSED SIGNS

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 AT: RAL20A1460FFR

TIP NO. I-4928	SHEET NO. SIGN- 8
APPROVED: <i>Melissa B. Toti</i>	
DATE: 11/4/13	
SEAL	




NAD 83/NGS 2007



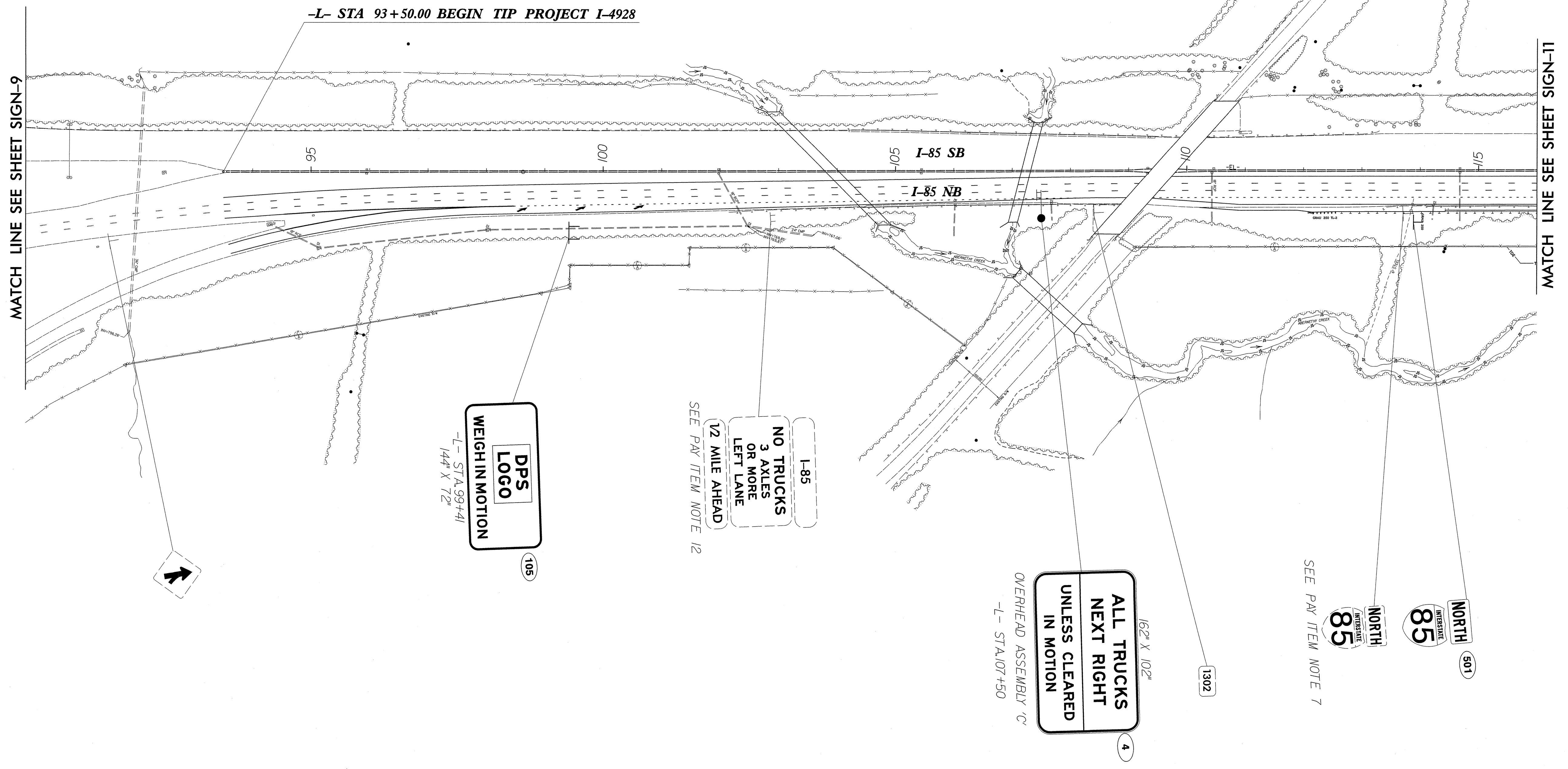
EXISTING AND PROPOSED SIGNS

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 23651 AT RAL20A146OFFR

TIP NO. I-4928	SHEET NO. SIGN-10
APPROVED: <i>Melissa B. Toth</i>	
DATE: 11/4/13	
SEAL	
	

NAD 83/NSRS 2007

**CROWDERS
MOUNTAIN
RD**



-L- STA 93+50.00 BEGIN TIP PROJECT I-4928

MATCH LINE SEE SHEET SIGN-9

MATCH LINE SEE SHEET SIGN-11

**DPS
LOGO
WEIGH IN MOTION**

-L- STA. 99+41
144' X 72'

105

**NO TRUCKS
3 AXLES
OR MORE
LEFT LANE**

1/2 MILE AHEAD

SEE PAY ITEM NOTE 12

I-85

**ALL TRUCKS
NEXT RIGHT
UNLESS CLEARED
IN MOTION**

162' X 102'

OVERHEAD ASSEMBLY 'C'

-L- STA. 107+50

4

**85
NORTH**

**85
NORTH**

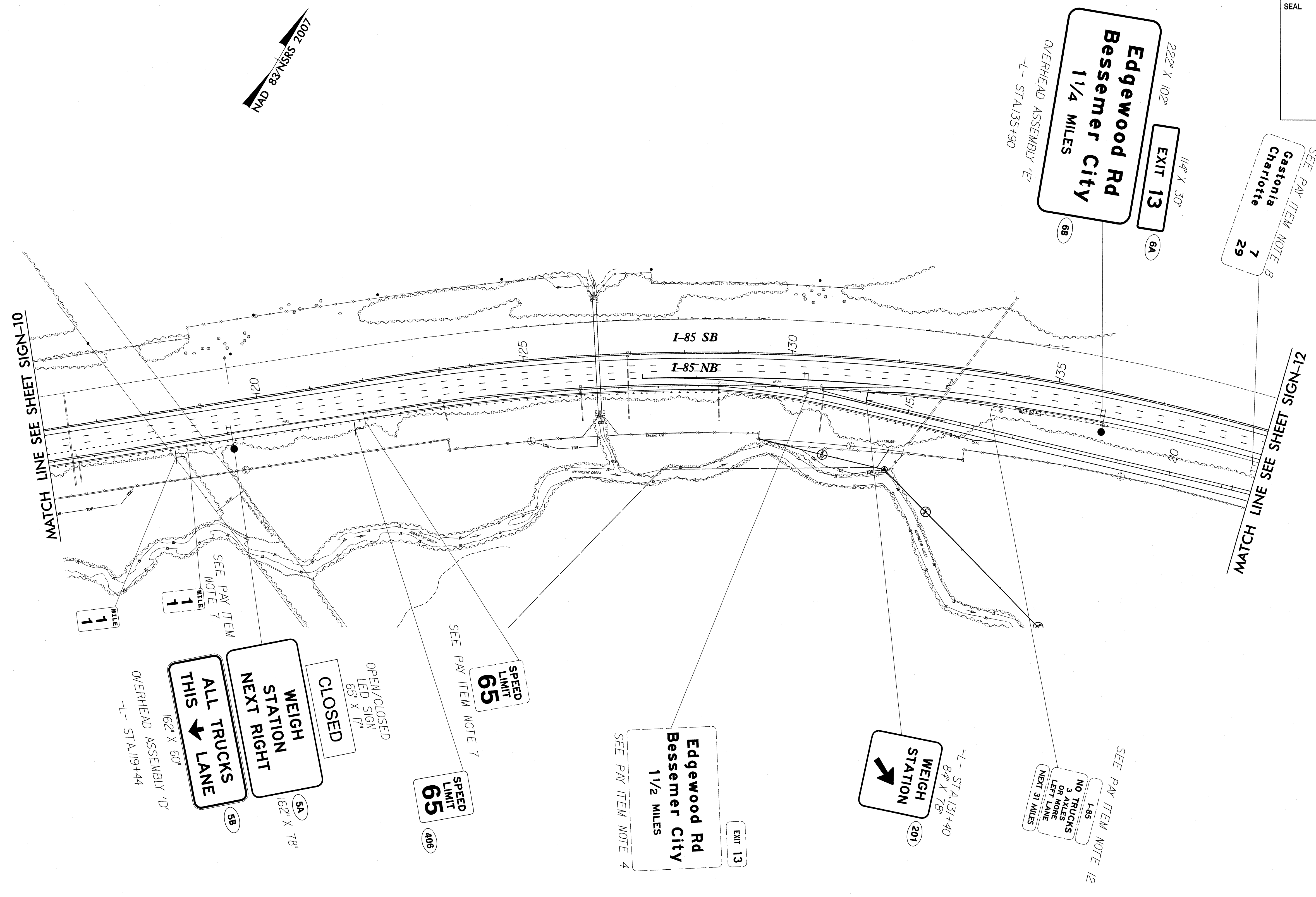
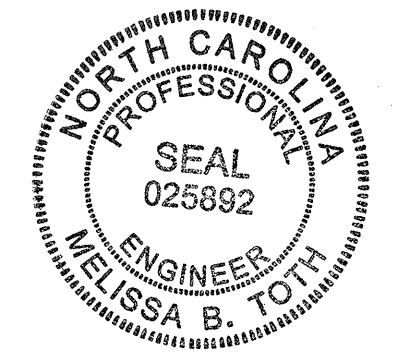
501

SEE PAY ITEM NOTE 7

1302

**EXISTING AND PROPOSED
SIGNS**

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MATCH LINE SEE SHEET SIGN-10

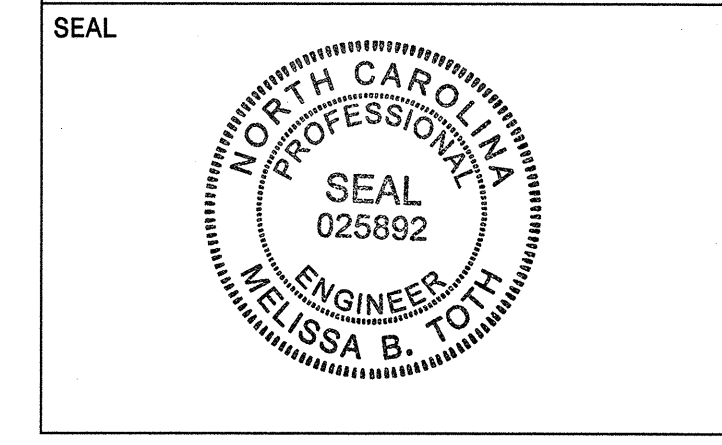
MATCH LINE SEE SHEET SIGN-12

EXISTING AND PROPOSED SIGNS

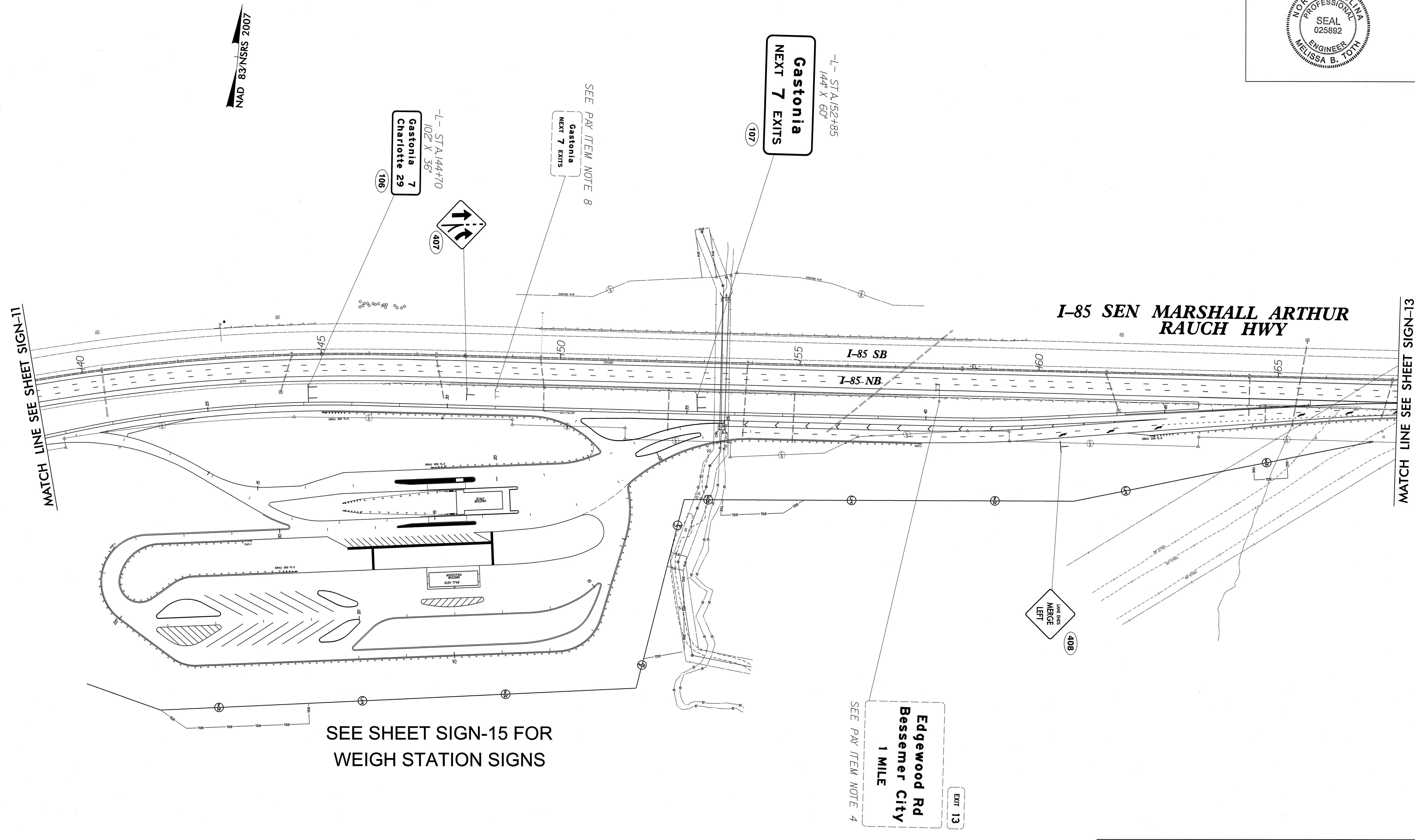
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APPROVED: *Melissa B. Toth*

DATE: 11/4/13

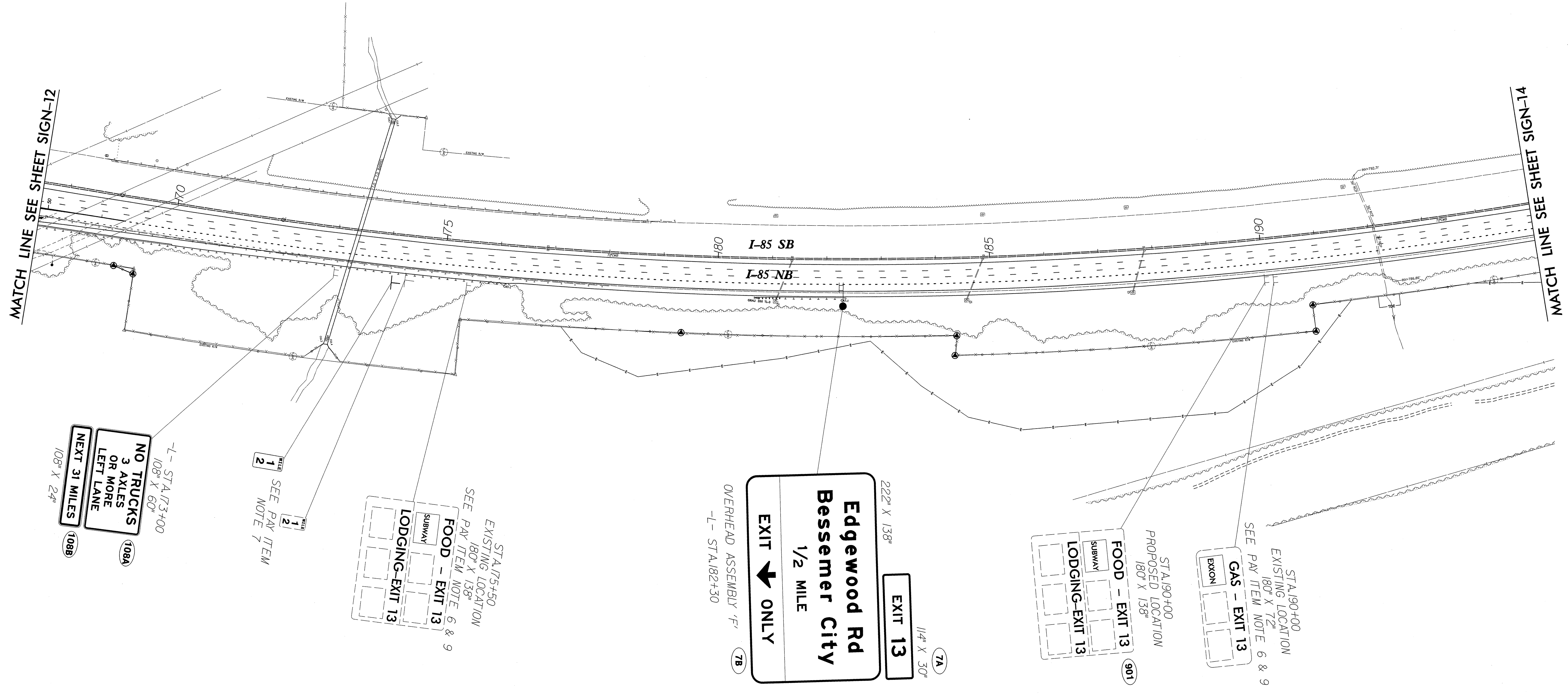


NAD 83/NSRS 2007



**EXISTING AND PROPOSED
SIGNS**

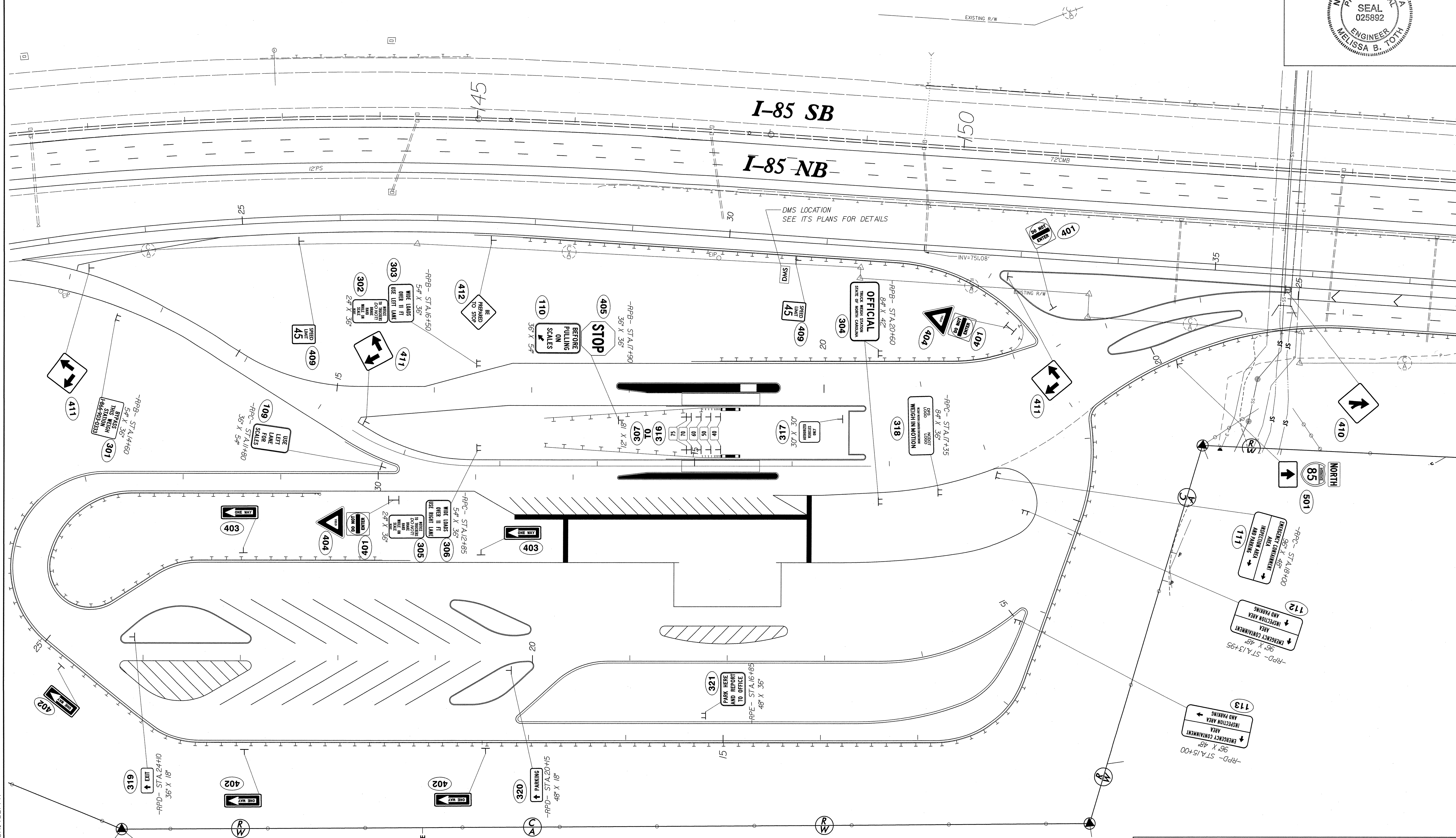
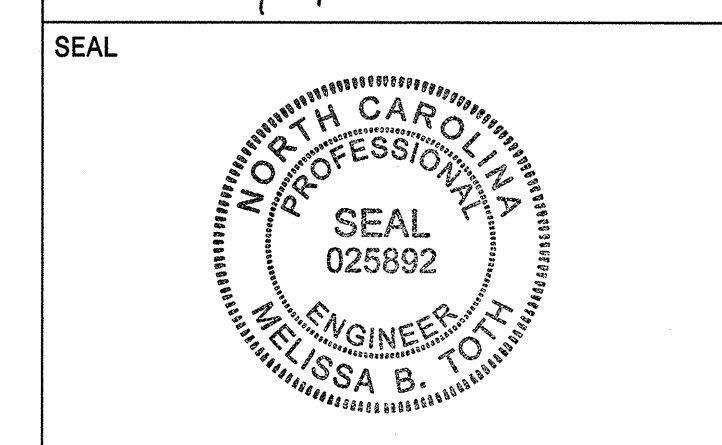
NAD 83/NSRS 2007



**EXISTING AND PROPOSED
SIGNS**

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APPROVED: *Melissa Bjork*
 DATE: 11/4/13



EXISTING AND PROPOSED SIGNS

04-NOV-2013 13:22
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