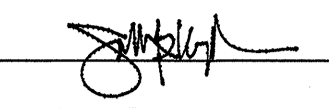




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

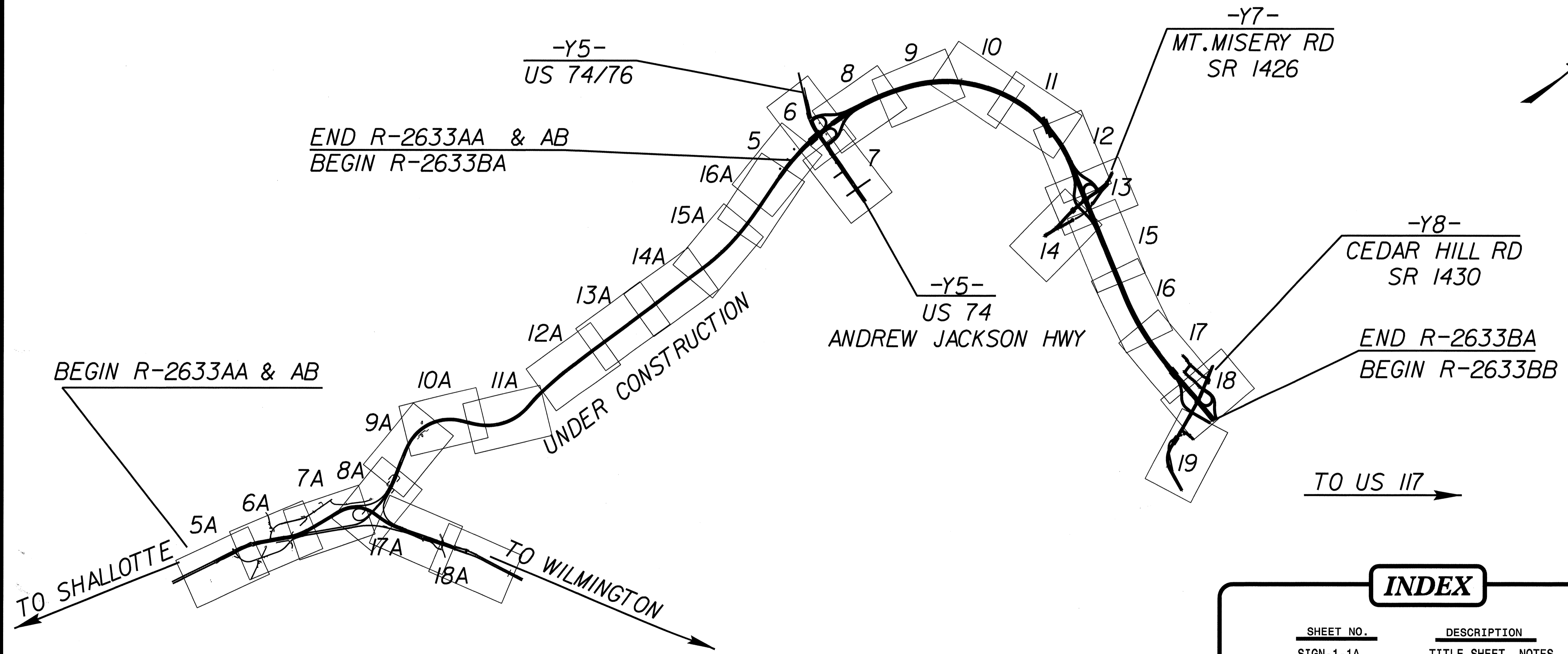
SIGNING PLAN
BRUNSWICK COUNTY

LOCATION: R-2633BA US 17 (WILMINGTON BYPASS) FROM US 74/76
EAST OF MALAMO IN BRUNSWICK COUNTY TO
SR 1430 (CEDAR HILL ROAD) &
R-2633AA & AB WILMINGTON BYPASS (FUTURE I-140)
FROM NC 87 TO US 74/76

TIP NO. R-2633BA	SHEET NO. SIGN-1
APPROVED: 	
DATE: 9/19/13	
SEAL	
	
	
<small>1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197</small>	

T.I.P.: R-2633BA

CONTRACT: C203199



PLAN PREPARED BY: SEPI ENGINEERING & CONSTRUCTION

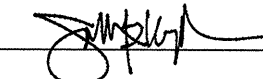
Joseph B. Kopaskie, PE SIGNING & DELINEATION PROJECT ENGINEER
RICHARD DRAYTON SIGNING & DELINEATION PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

AYAMAN I. ALOUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
Mitch Eaton SIGNING & DELINEATION PROJECT DESIGN ENGINEER

INDEX	
SHEET NO.	DESCRIPTION
SIGN-1-1A	TITLE SHEET, NOTES, QUANTITIES AND SPECIFICATIONS
SIGN-2A-2C	SUPPORT INFORMATION
SIGN-3-3C	E, F & MILEMARKERS SHEETS
SIGN-4-4X	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5A-18A	R-2633AA & AB OFFSITE
SIGN-5-19	R-2633BA SIGN DETAIL SHEETS

SYSTEMS
 DESIGN
 CONSULTANTS
 INC.
 1000
 W. HARRIS
 BLVD.
 SUITE 100
 RALEIGH, NC 27605
 TEL: 919-789-9977
 FAX: 919-789-9591
 WWW.SDCON.COM

APPROVED: 
 DATE: 8/27/13

SEAL



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 (SHEETS 1 & 3)
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
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
- . 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.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	70	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	2	C.Y.
4057000000	SP	OVERHEAD FOOTING	30	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	32150	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	13868	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	3592	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	40	EA.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE "F" AT STATION "Y5WBL 37+30"	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE "G" AT STATION "Y5EBL 19+00"	1	LS
4096000000	904	SIGN ERECTION, TYPE D	13	EA.
4102000000	904	SIGN ERECTION, TYPE E	90	EA.
4108000000	904	SIGN ERECTION, TYPE F	32	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	8	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	25	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	19	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	40	EA.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)	3	EA.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	4	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)	5	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	1	EA.
4116200000	904	SIGN ERECTION, REPOSITION OVERHEAD	4	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	7	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	24	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	4	EA.
4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	2	EA.
4238000000	907	DISPOSAL OF SIGN, D, E OR F	1	EA.

PROJECT NOTES

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

TIP NO. R-26338A	SHEET NO. SIGN - 2A
APPROVED: <i>R.W.K.</i>	
DATE: 3/8/12	
SEAL	
	

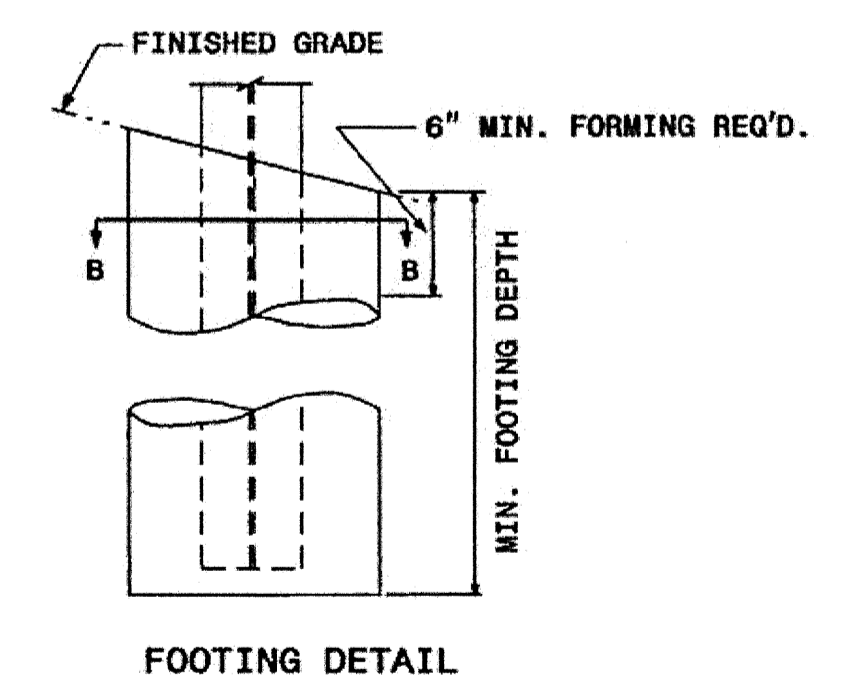
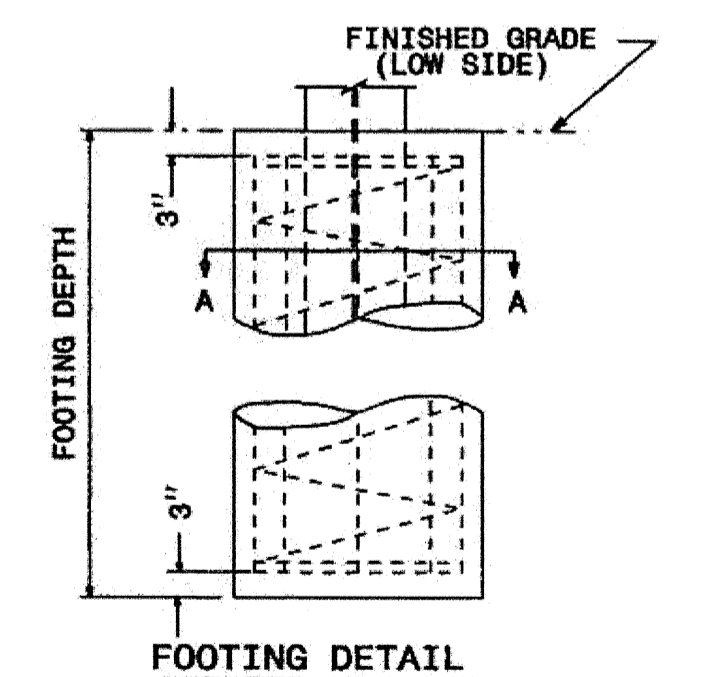
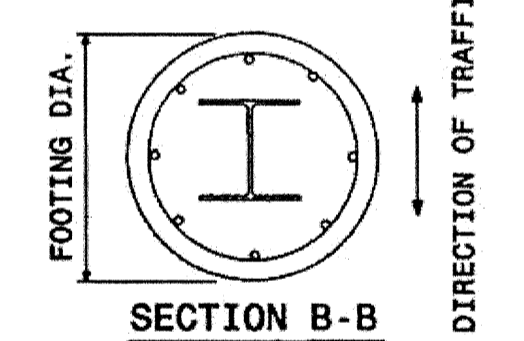
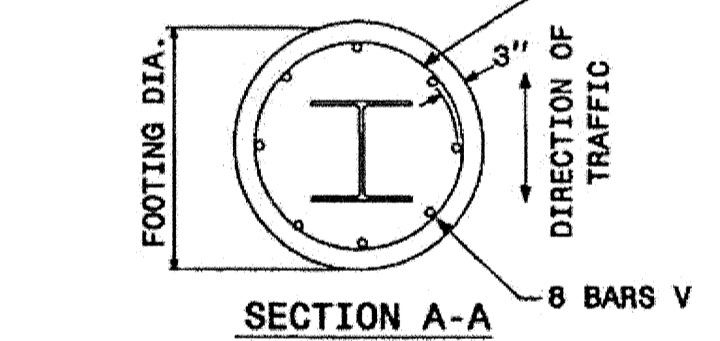
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

BEAM SHAPE	SLIP BASE PLATE DATA							KEEPER PLATE DATA							HINGE CONNECTION DATA							BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.				
	BOLT SIZE	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"	3/32"	7"	4"	1"	3/4"	2 1/2"	3/32"	28 GAUGE	1/2" DIA. X 1 1/4"	2 1/4"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	3/32"	3/8"	18
S4X7.7	1/2" DIA. X 3"	8"	4"	1"	3/4"	2 1/2"	1"	3/32"	8"	4"	1"	3/4"	2 1/2"	3/32"	28 GAUGE	1/2" DIA. X 1 1/4"	2 5/8"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	3/32"	3/8"	20
W6X9	1/2" DIA. X 3"	10"	5"	1"	3/4"	3 1/2"	1"	3/32"	10"	5"	1"	3/4"	3 1/2"	3/32"	28 GAUGE	1/2" DIA. X 1 1/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	3/32"	3/8"	32
W6X12	5/8" DIA. X 3 3/4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	1 1/32"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/32"	28 GAUGE	5/8" DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	3/8"	39
W6X16	5/8" DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	1 1/32"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/32"	28 GAUGE	5/8" DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	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"	1 1/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/32"	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"	1 1/32"	1/2"	70
W8X21	3/4" DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	1 1/32"	14"	7"	1 1/2"	1"	5"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	1/2"	73
W10X22	3/4" DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	1 1/32"	16"	8"	1 1/2"	1"	6"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	1/2"	119
W10X26	3/4" DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	1 1/32"	16 1/2"	8"	1 1/2"	1"	6"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	5/8"	140
W12X26	3/4" DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	1 1/32"	18 1/2"	9"	1 1/2"	1"	7"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	5/8"	176
W14X30	1" DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	1 1/32"	22"	9"	2"	1 1/2"	6"	1 1/32"	28 GAUGE	1" DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	1 1/32"	5/8"	205
W16X31	1" DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	1 1/32"	24"	9"	2"	1 1/2"	6"	1 1/32"	28 GAUGE	1" DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 1/32"	3/4"	223
W18X35	1" DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	1 1/32"	25"	9"	2"	1 1/2"	6"	1 1/32"	28 GAUGE	1" DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 1/32"	3/4"	243
W18X40	1" DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	1 1/32"	26"	9"	2"	1 1/2"	6"	1 1/32"	28 GAUGE	1" DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 1/32"	7/8"	278
W21X44	1" DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	1 1/32"	29"	9"	2"	1 1/2"	6"	1 1/32"	28 GAUGE	1" DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 1/32"	7/8"	310

2" FLAT TURNS TOP AND BOTTOM (SEE NOTE 10)



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
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

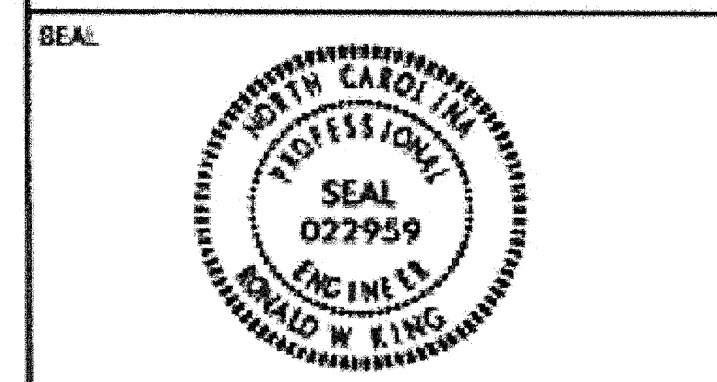
ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

REVISED SIGNING
 ROADWAY STANDARD DRAWING

08-MAR-2012 14:05 S:\S&D\Standard Drawings\Standard Dwg 8-17-11\Revised\0903D10_sgn_sht02.dgn support_Revise_Scaled.dgn
 AT TE241745

APPROVED: *[Signature]*
 DATE: 6/11/12

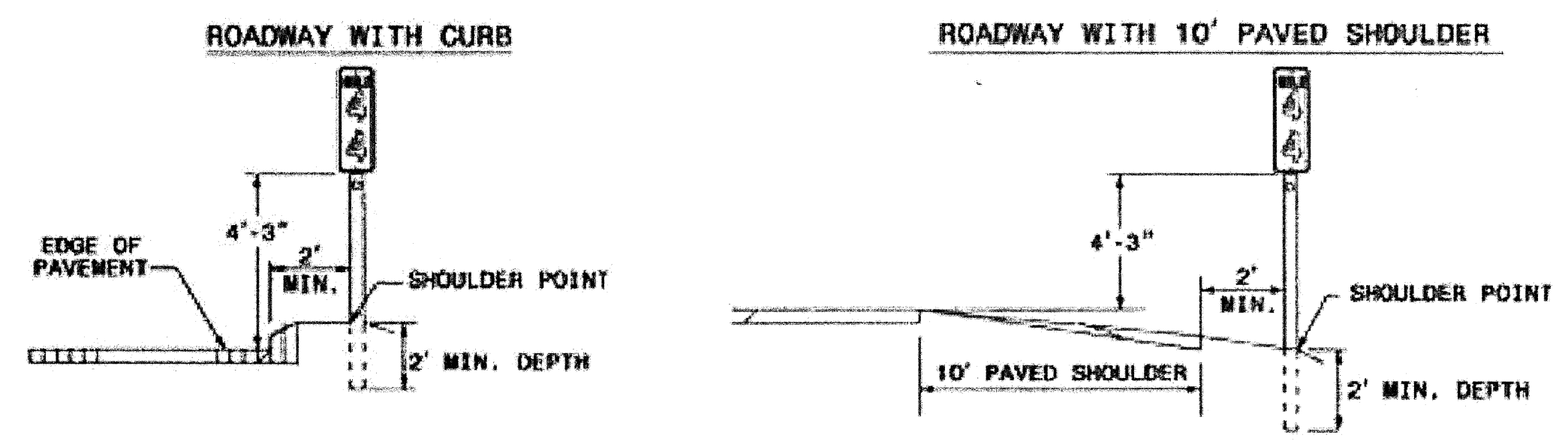


STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR
 MILEPOST AND PLACEMENT

SHEET 1 OF 1
904D40

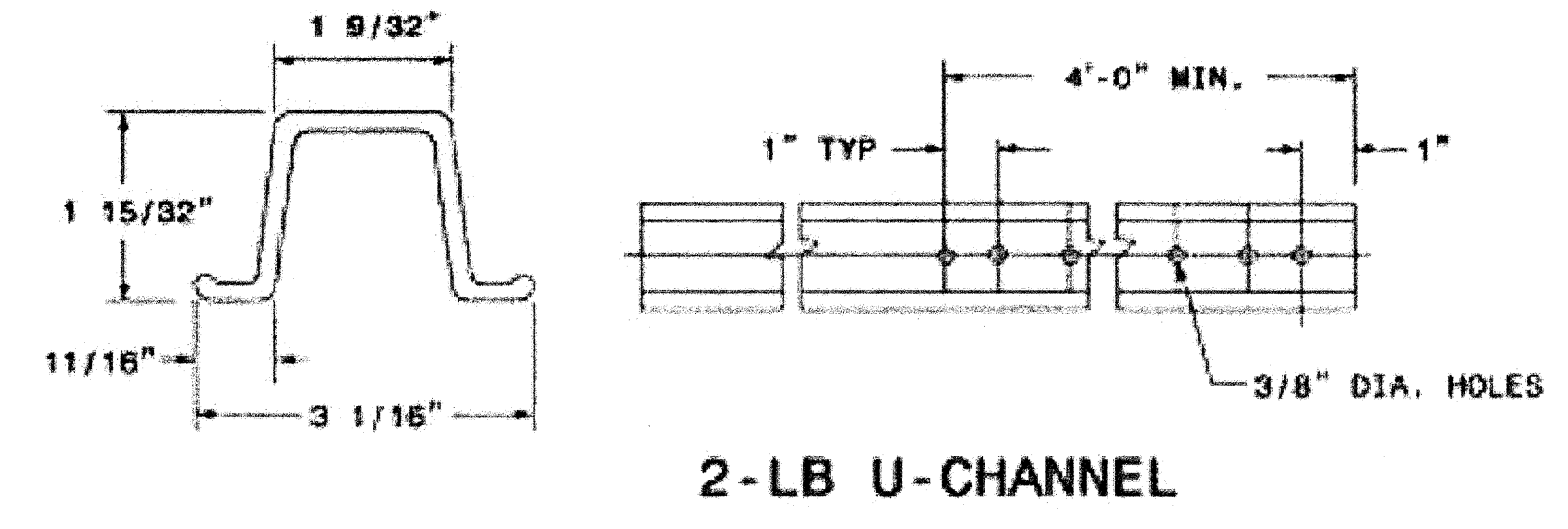
MILEPOST PLACEMENT



NOTES:

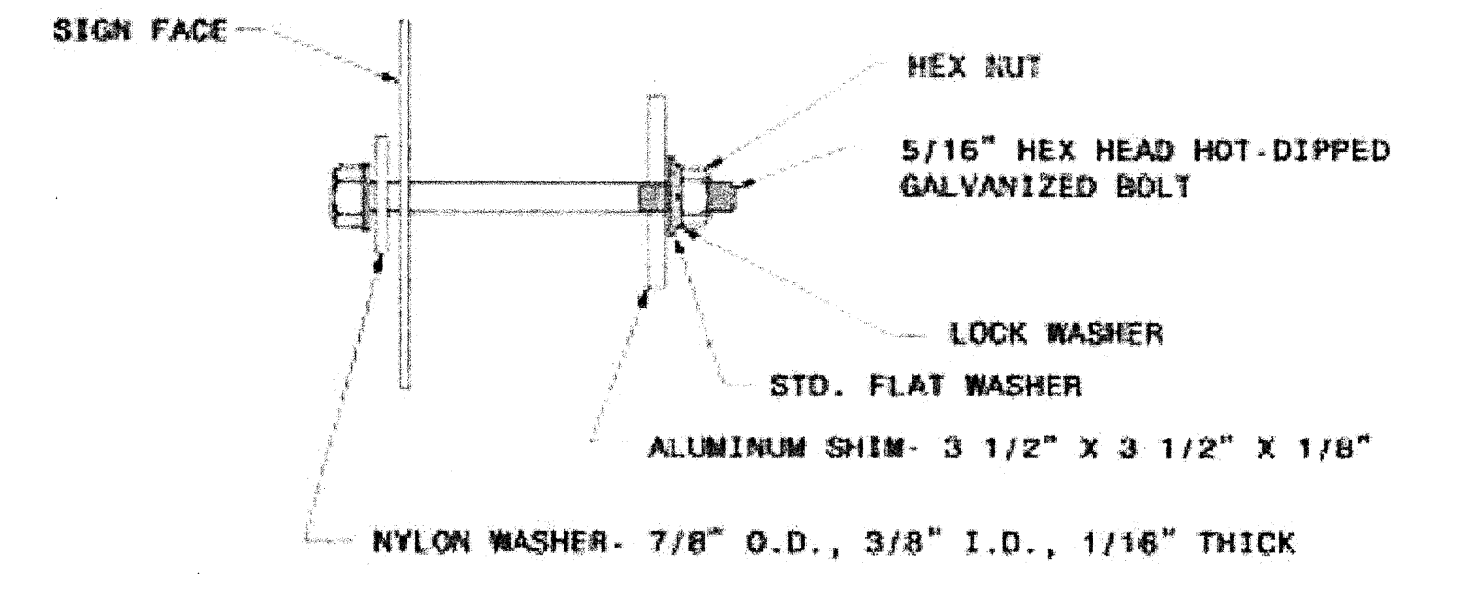
1. A MILEPOST SIGN SHALL CONSIST OF ONE (1) 12" X 24", 12" X 36" OR 12" X 48" SIGN PANEL. AN ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 54" SIGN PANEL. AN INTERMEDIATE ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 60" SIGN PANEL.
2. FABRICATE SIGNS FROM .080" SHEET ALUMINUM. EACH SIGN SHALL HAVE SILVER STUCK-ON MESSAGE AND BORDER ON GREEN BACKGROUND. MESSAGE, BORDER AND BACKGROUND TO BE REFLECTORIZED.
3. MILEPOST AND ENHANCE REFERENCE LOCATION SIGNS REQUIRE ONE (1) 2-LB GALVANIZED STEEL U-CHANNEL POST. THE POST'S LENGTH MUST MEET THE REQUIREMENTS SHOWN IN THESE STANDARDS.
4. POSTS SHALL BE DRIVEN. THE TOP OF POST SHALL NOT PROJECT ABOVE THE TOP OF SIGN.
5. ATTACH EACH SIGN TO THE WIDE FACE (FLANGES) OF THE POST BY MEANS OF THE FOLLOWING COMBINATION: 5/16" HEX HEAD BOLT, NYLON WASHER, SHIM, FLAT WASHER, LOCK WASHER, HEX NUT. FULL CONTACT BETWEEN THE SIGN AND THE POST SHALL BE ACHIEVED. NO BUCKLING OF THE SIGN WILL BE PERMITTED.
6. PLACE MILEPOST SIGNS AT THE SHOULDER POINT UNLESS THE ENGINEER DIRECTS OTHERWISE.

POST DETAILS



2-LB U-CHANNEL

FASTENER



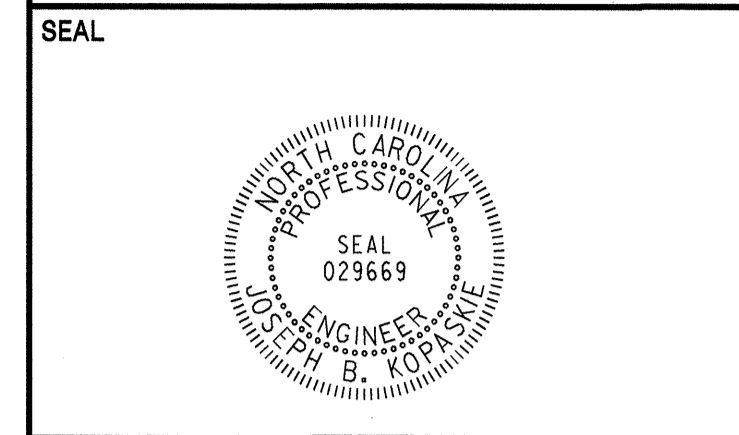
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR
 MILEPOST AND PLACEMENT

SHEET 1 OF 1
904D40

**REVISED SIGNING
 ROADWAY STANDARD DRAWING**

APPROVED: [Signature] DATE: 8/27/13

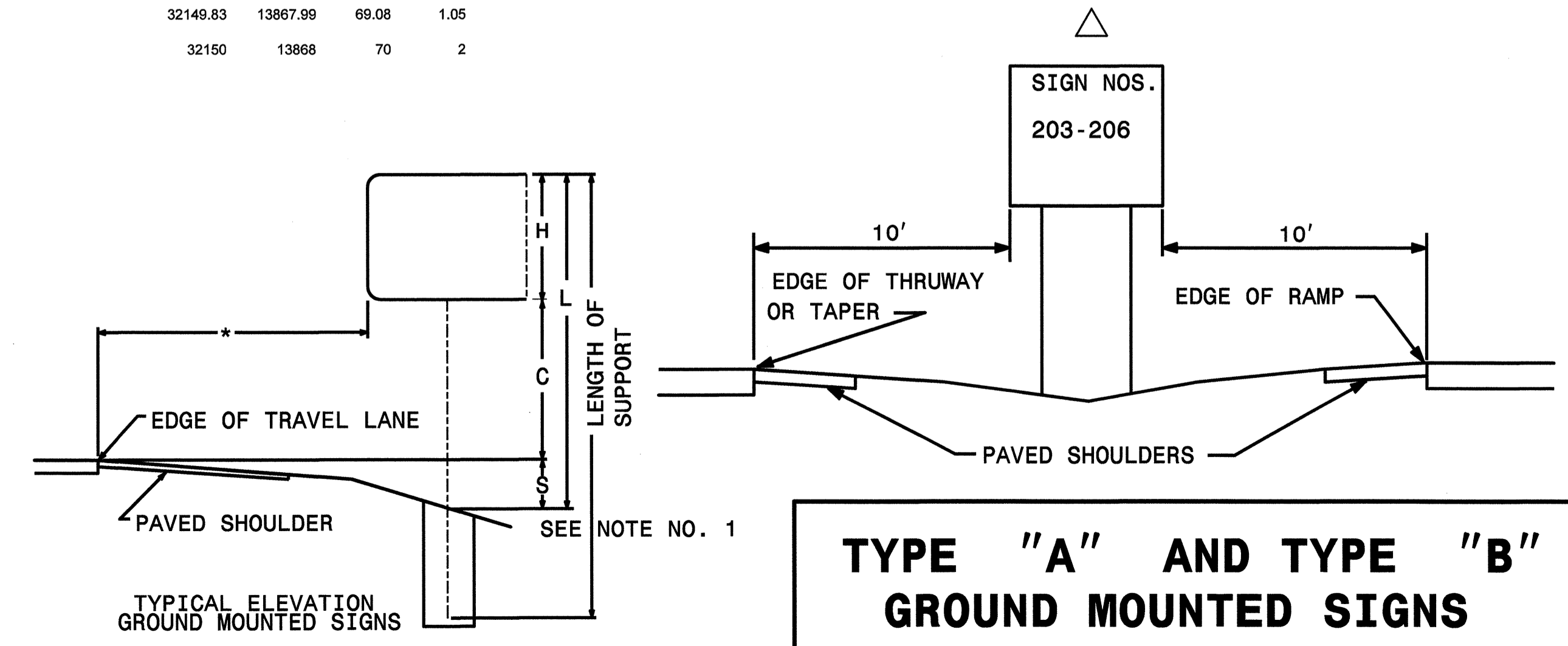


SIGN NO.	SIGN TYPE	SIGN SIZE (in.)		ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR. (ft.)	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETER (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT 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	B	90	X	30																										
101B	A	174	X	174																										
102A	B	90	X	30																										
102B	A	174	X	174																										
103A	B	90	X	30																										
103B	A	174	X	174																										
106	A	174	X	174																										
107	A	174	X	168																										
108	A	168	X	144																										
109	A	204	X	162																										
110	A	174	X	168																										
111	B	132	X	48																										
112A	B	114	X	30																										
112B	A	204	X	72																										
113A	B	114	X	30																										
113B	A	204	X	72																										
114A	B	114	X	30																										
114B	A	204	X	84																										
115A	B	114	X	30																										
115B	A	138	X	66																										
116	B	132	X	48																										
117A	B	114	X	30																										
117B	A	138	X	66																										
118A	B	114	X	30																										
118B	A	138	X	84																										
119A	B	114	X	30																										
119B	A	204	X	72																										
120	B	132	X	36																										
121A	B	114	X	30																										
121B	A	204	X	72																										
122A	B	114	X	30																										
122B	A	204	X	84																										
123	B	132	X	36																										
124A	B	114	X	30																										
124B	A	162	X	150																										
125A	B	114	X	30																										
125B	A	162	X	144																										
126A	B	114	X	30																										
126B	A	162	X	162																										
129	A	114	X	54																										
203	A	78	X	60																										
204	A	78	X	60																										
205	A	78	X	60																										
206	A	78	X	60																										
901A	B	96	X	30																										
901B	A	120	X	126																										

TOTAL: 32149.83 13867.99 69.08 1.05
USE: 32150 13868 70 2

NOTES

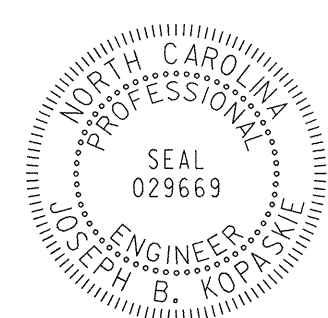
- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
- FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. 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 AN 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.



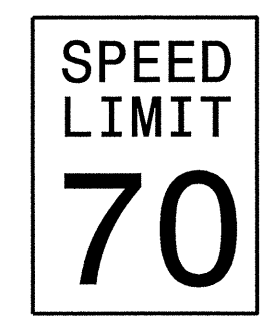
TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

5/14/99

APPROVED: [Signature] DATE: 5/3/13



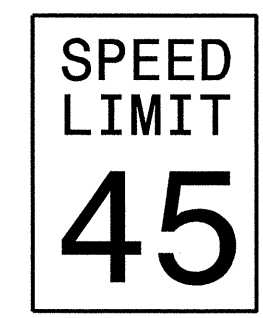
401 QUANTITY REQ'D 8



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

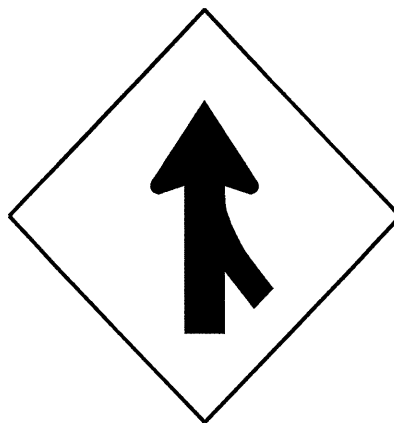
402 QUANTITY REQ'D 4



24" X 30"
R2-1

ONE "U" POSTS PER SIGN

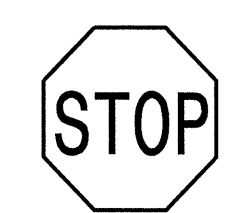
406 QUANTITY REQ'D 6



48" X 48"
W4-1 (R)

TWO "U" POSTS PER SIGN

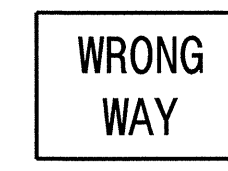
409 QUANTITY REQ'D 8



30" X 30"
R1-1

ONE "U" POST PER SIGN


410 QUANTITY REQ'D 10



36" X 24"
R5-1a

ONE "U" POST PER SIGN


411 QUANTITY REQ'D 7



30" X 30"
R5-1

ONE "U" POST PER SIGN


413 QUANTITY REQ'D 5



36" X 12"
R6-1R

TWO "U" POST PER SIGN

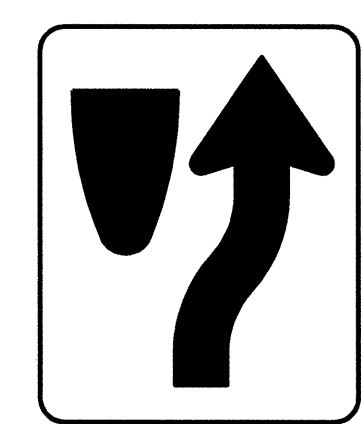
414 QUANTITY REQ'D 3



36" X 12"
R6-1L

MOUNT BACK-TO-BACK WITH SIGN 413 IN 2 INSTALLATIONS

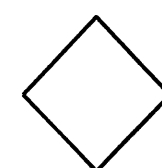
416 QUANTITY REQ'D 13



24" X 30"
W4-7

ONE "U" POSTS PER SIGN

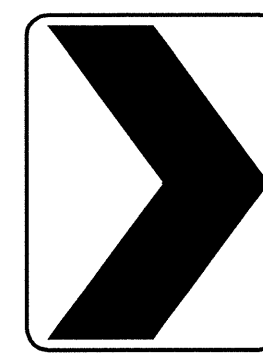
417 QUANTITY REQ'D 3



18" X 18"
OM1-3

MOUNT BELOW SIGN 416 IN 3 INSTALLATIONS

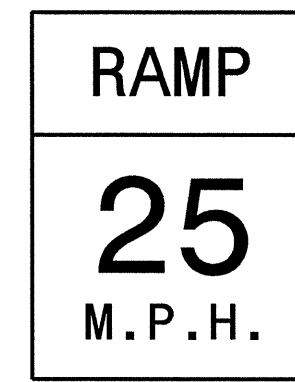
418 QUANTITY REQ'D 21



36" X 48"
W1-8R

TWO "U" POSTS PER SIGN

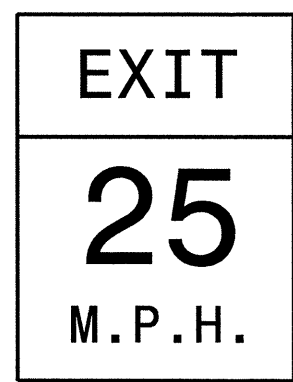
419 QUANTITY REQ'D 1



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

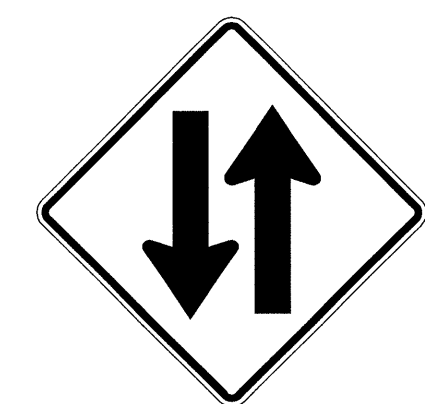
420 QUANTITY REQ'D 1



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

422 QUANTITY REQ'D 1



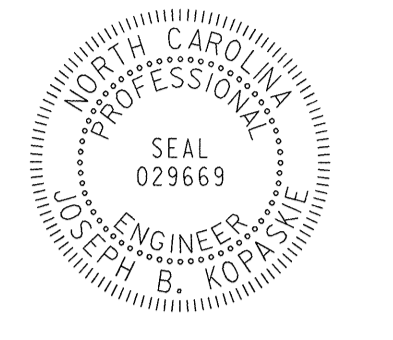
30" X 30"
W6-3

ONE "U" POSTS PER SIGN

5/14/99

5/14/99

APPROVED: [Signature] DATE: 5/3/13



501

BUSINESS 1-24" x 12"
NORTH
17

506

TO
BUSINESS BUSINESS 2-24" x 12"
NORTH SOUTH
17 17
→ →

511 520

EAST NORTH 2-30" x 15"
INTERSTATE INTERSTATE 1-45" x 36"
140 17 1-36" x 36"

TWO "U" POSTS

517

EAST WEST 2-24" x 12"
INTERSTATE INTERSTATE 2-30" x 24"
140 140
NORTH SOUTH 2-24" x 12"
17 17 2-24" x 24"
↑ → 2-21" x 15"

TWO "U" POSTS

526

WEST EAST 2-24" x 12"
INTERSTATE INTERSTATE 2-30" x 24"
140 140
SOUTH NORTH 2-24" x 12"
17 17 2-24" x 24"
← ↑ 2-21" x 15"

TWO "U" POSTS

502

TO
BUSINESS 1-24" x 12"
SOUTH
17
→

507

BUSINESS BUSINESS 2-24" x 12"
NORTH SOUTH
17 17
↪ ↑

512 516 521 525

JCT JCT 2-21" x 15"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"

TWO "U" POSTS

518 527

EAST NORTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
← ← 2-21" x 15"

TWO "U" POSTS

529 530

WEST SOUTH 2-30" x 15"
INTERSTATE INTERSTATE 1-45" x 36"
140 17 1-36" x 36"

TWO "U" POSTS

503

BUSINESS 1-24" x 12"
NORTH
17
→

508

BUSINESS 1-24" x 12"
SOUTH
17

513 522

WEST EAST 2-24" x 12"
INTERSTATE INTERSTATE 2-30" x 24"
140 140
SOUTH NORTH 2-24" x 12"
17 17 2-24" x 24"
↑ → 2-21" x 15"

TWO "U" POSTS

519 528

EAST NORTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
← ← 2-21" x 15"

MOUNT SIGN 519 BELOW SIGN 307
MOUNT SIGN 528 BELOW SIGN 313

531

WEST SOUTH 2-30" x 15"
INTERSTATE INTERSTATE 1-36" x 36"
140 17 1-45" x 36"

TWO "U" POSTS

504

BUSINESS 1-24" x 12"
SOUTH
17
↪

509

EAST NORTH 2-30" x 15"
INTERSTATE INTERSTATE 1-45" x 36"
140 17 1-36" x 36"

TWO "U" POSTS

514

WEST SOUTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
← ← 2-21" x 15"

TWO "U" POSTS

523

WEST SOUTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
→ → 2-21" x 15"

TWO "U" POSTS

532

END BEGIN 4-30" x 15"
WEST SOUTH 1-36" x 36"
INTERSTATE INTERSTATE 140 17 1-45" x 36"

TWO "U" POSTS

505

BUSINESS 1-24" x 12"
NORTH
17

510

EAST WEST 2-24" x 12"
74 74 2-24" x 24"
76 76 2-24" x 24"
← → 2-21" x 15"

TWO "U" POSTS

515

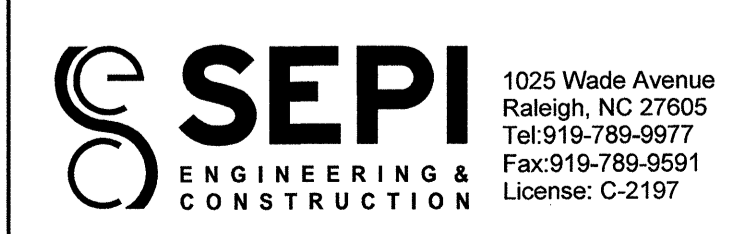
WEST SOUTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
← ← 2-21" x 15"

MOUNTED BELOW SIGN 304

524

WEST SOUTH 2-24" x 12"
INTERSTATE INTERSTATE 1-30" x 24"
140 17 1-24" x 24"
→ → 2-21" x 15"

TWO "U" POSTS

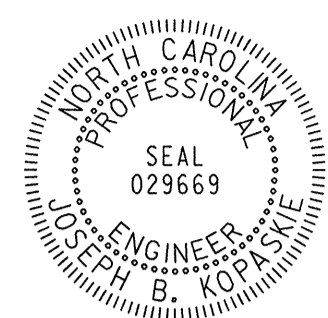


TYPE "F" SIGNS

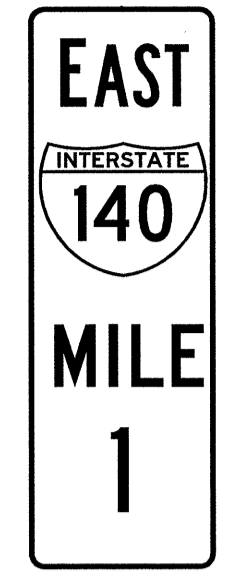
5/14/99

5/14/13

APPROVED: [Signature] DATE: 5/3/13




QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

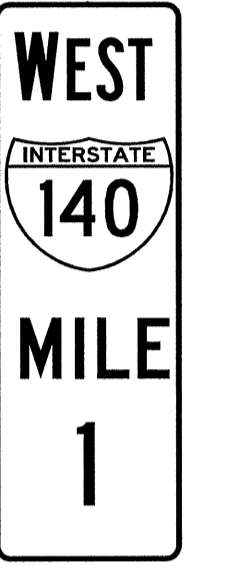
QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

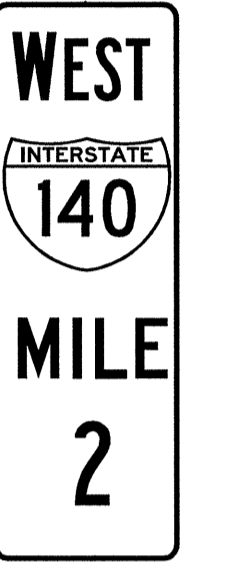
QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

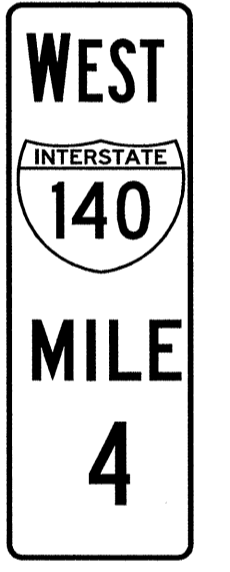
QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

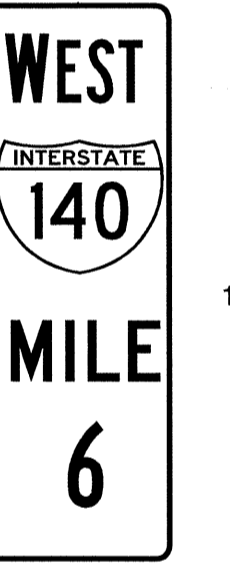
QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN


QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

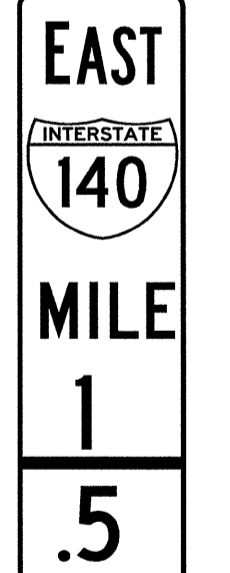
QUANTITY REQ'D 1



D10-4
18" X 54"

ONE "U" POST PER SIGN

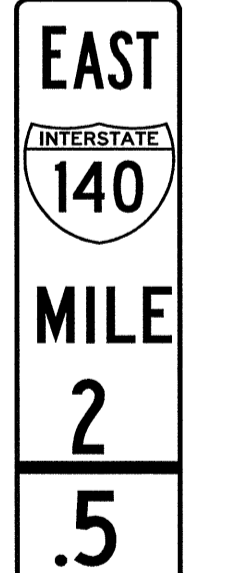
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

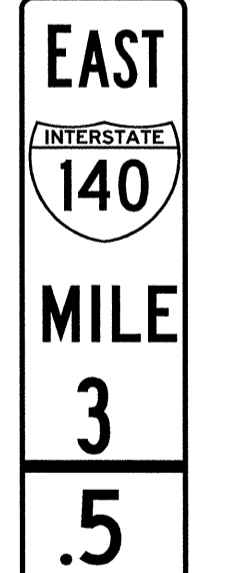
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

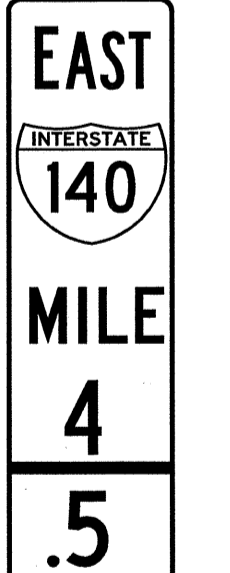
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

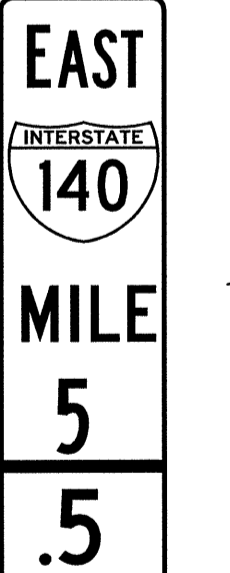
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

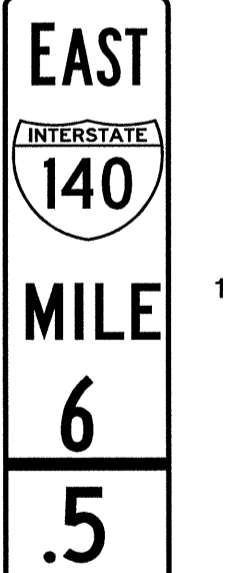
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

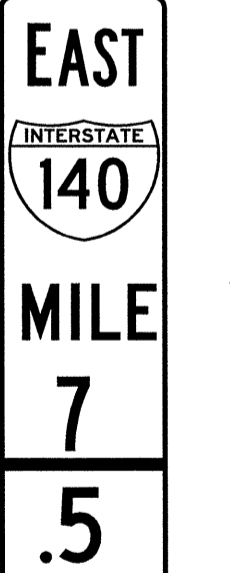
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

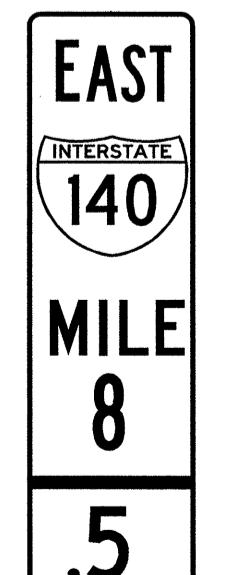
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

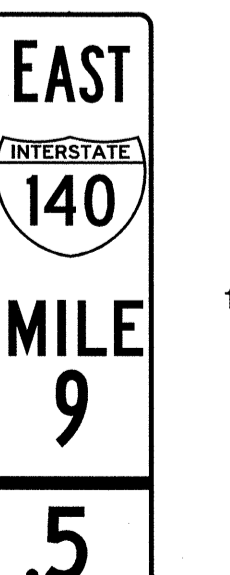
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

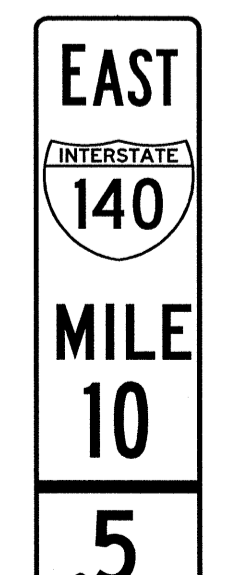
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

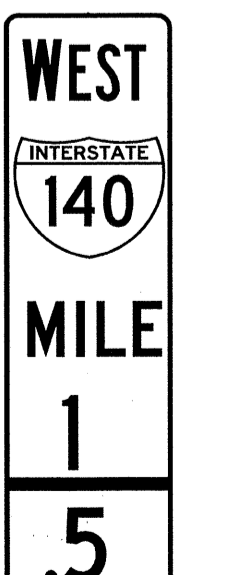
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

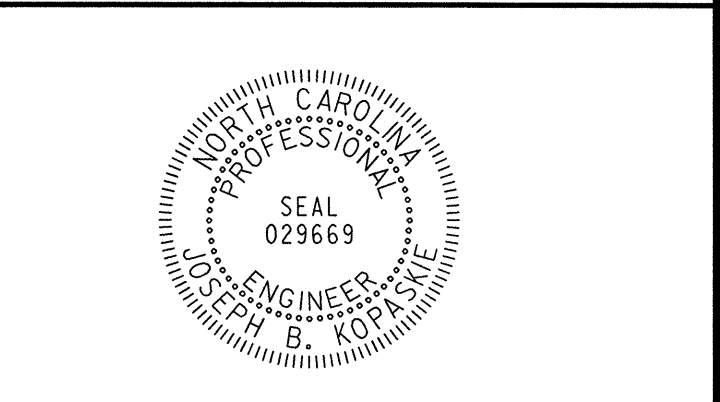


1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-799-9977
Fax: 919-789-9591
License: C-2197


MILE MARKERS

5/14/99

APPROVED: [Signature] DATE: 5/3/13



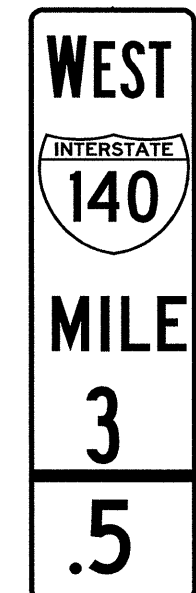
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

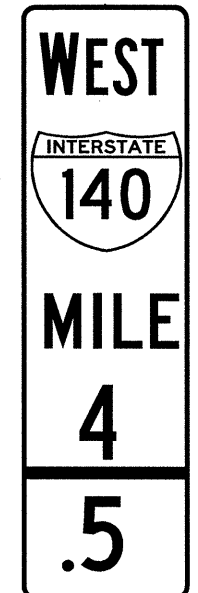
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

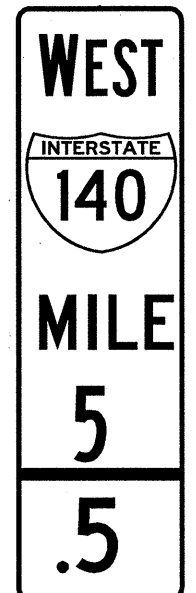
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

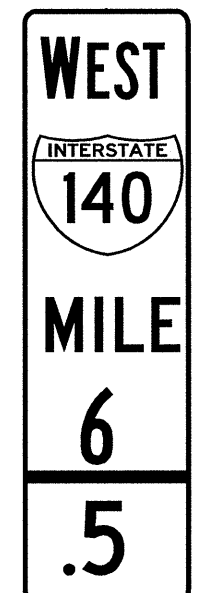
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

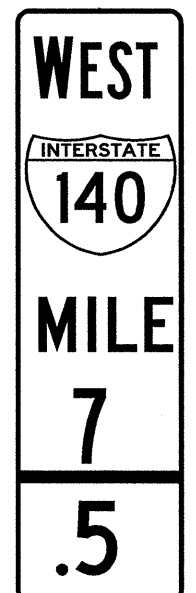
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

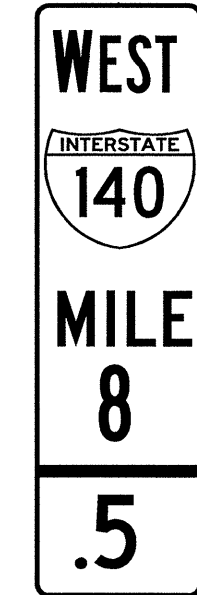
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

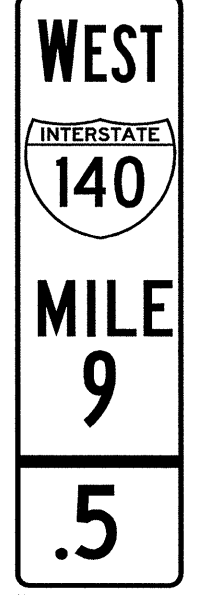
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

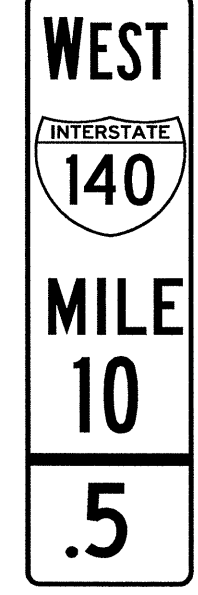
QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



D10-5
18" X 60"

ONE "U" POST PER SIGN

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QUANTITY REQ'D 1

CONSTRUCTION

SIGN NUMBER: **1B** BACKG COLOR: **GREEN**
 TYPE: **A** COPY COLOR: **WHITE**
 QUANTITY: **1**

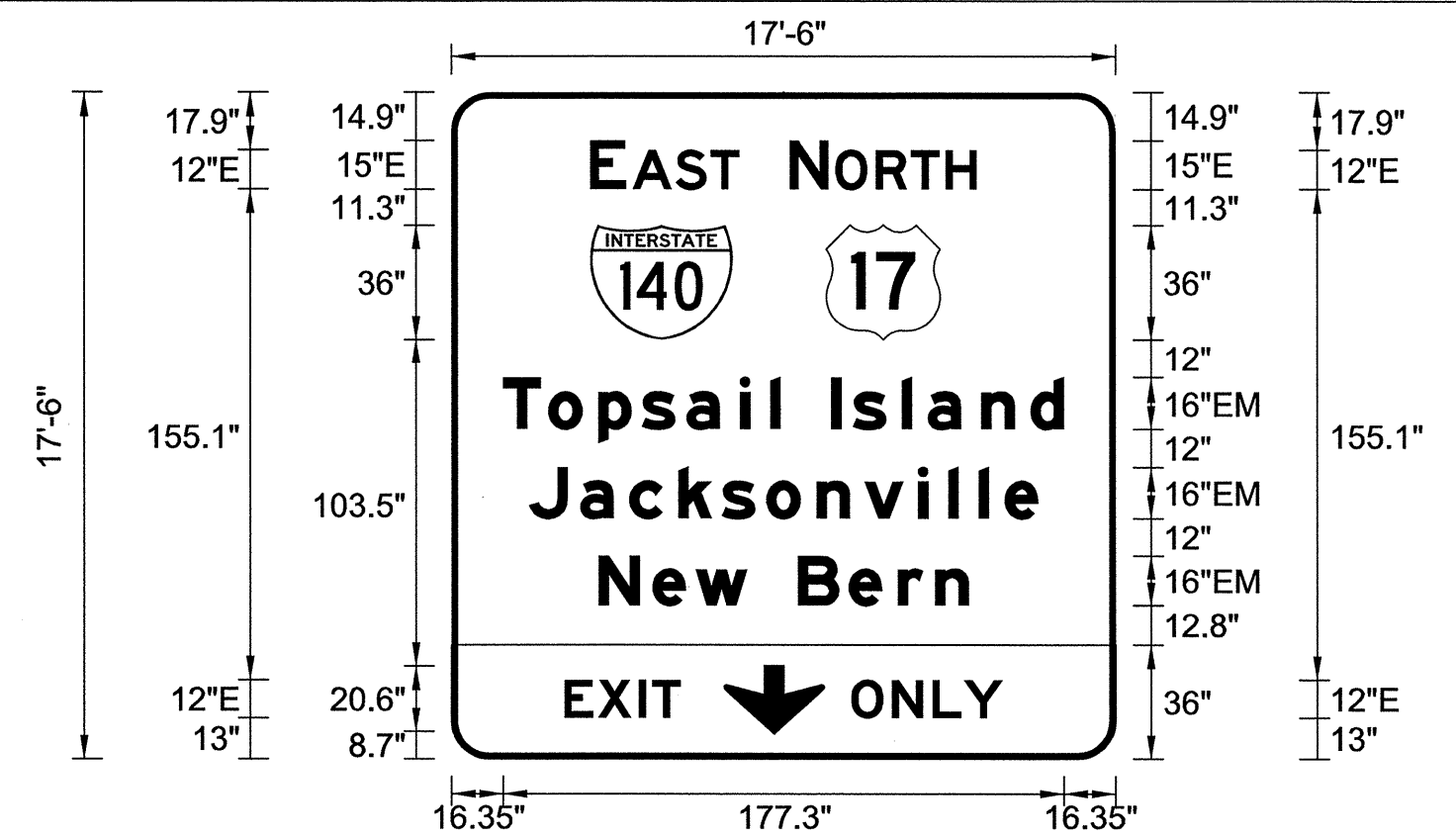
SYMBOL	X	Y	WID	HT
M1_1	43.9	132.8	45	36
M1_4	118.5	132.8	36	36
ARDOWN	84.4	8.7	30	20.6

SIGN WIDTH: **17'-6"**
 HEIGHT: **17'-6"**
 TOTAL AREA: **306.3 Sq.Ft.**

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

NO. Z BARS: **6** MAT'L: **0.125" (3.2 mm) ALUMINUM**
 LENGTH: **202.0**

DESIGN BY: **R DRAYTON** CHECKED BY: **J KOPASKIE** DATE: **Jan 15, 2013**
 PROJECT ID: **R-2633BA** DIV: **3**



- USE NOTES: 1,2,3,4
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	E	A	S	T	Series/Size
E A S T	43.9	57.4	70.9	82	E 2000
N O R T H	107	121.4	134.3	145.3	E 2000
T o p s a i l I s l a n d	16.4	30.6	46.4	60.2	EM 2000
J a c k s o n v i l l e	24.5	40.7	56.2	71.7	EM 2000
N e w B e r n	46.5	63.5	77.2	93.6	EM 2000
E X I T	35.7	46.4	59.2	63.4	E 2000
O N L Y	126.4	139.3	152.1	162.1	E 2000

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: **3B** BACKG COLOR: **GREEN**
 TYPE: **A** COPY COLOR: **WHITE**
 QUANTITY: **1**

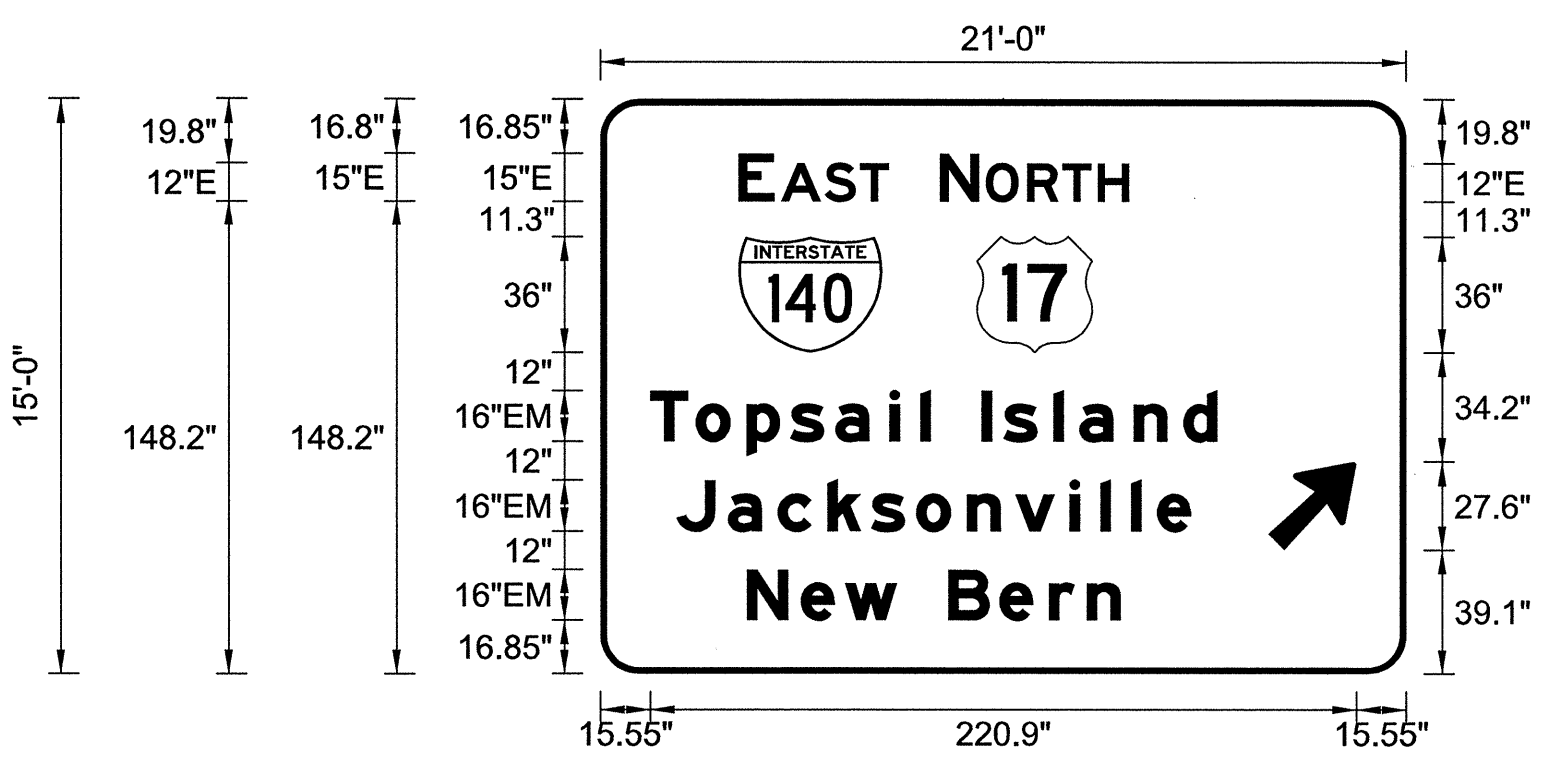
SYMBOL	X	Y	WID	HT
M1_1	43.1	100.8	45	36
M1_4	117.7	100.8	36	36
AR_Type A	208.8	39.1	22.3	35

SIGN WIDTH: **21'-0"**
 HEIGHT: **15'-0"**
 TOTAL AREA: **315.0 Sq.Ft.**

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

NO. Z BARS: **6** MAT'L: **0.125" (3.2 mm) ALUMINUM**
 LENGTH: **244.0**

DESIGN BY: **R DRAYTON** CHECKED BY: **J KOPASKIE** DATE: **Jan 15, 2013**
 PROJECT ID: **R-2633BA** DIV: **3**



- USE NOTES: 1,2,3,4
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	E	A	S	T	Series/Size
E A S T	43.1	56.6	70.1	81.2	E 2000
N O R T H	106.2	120.6	133.5	144.5	E 2000
T o p s a i l I s l a n d	15.6	29.8	45.6	59.4	EM 2000
J a c k s o n v i l l e	23.7	39.9	55.4	70.9	EM 2000
N e w B e r n	45.7	62.7	76.4	92.8	EM 2000

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: **2B** BACKG COLOR: **GREEN**
 TYPE: **A** COPY COLOR: **WHITE**
 QUANTITY: **1**

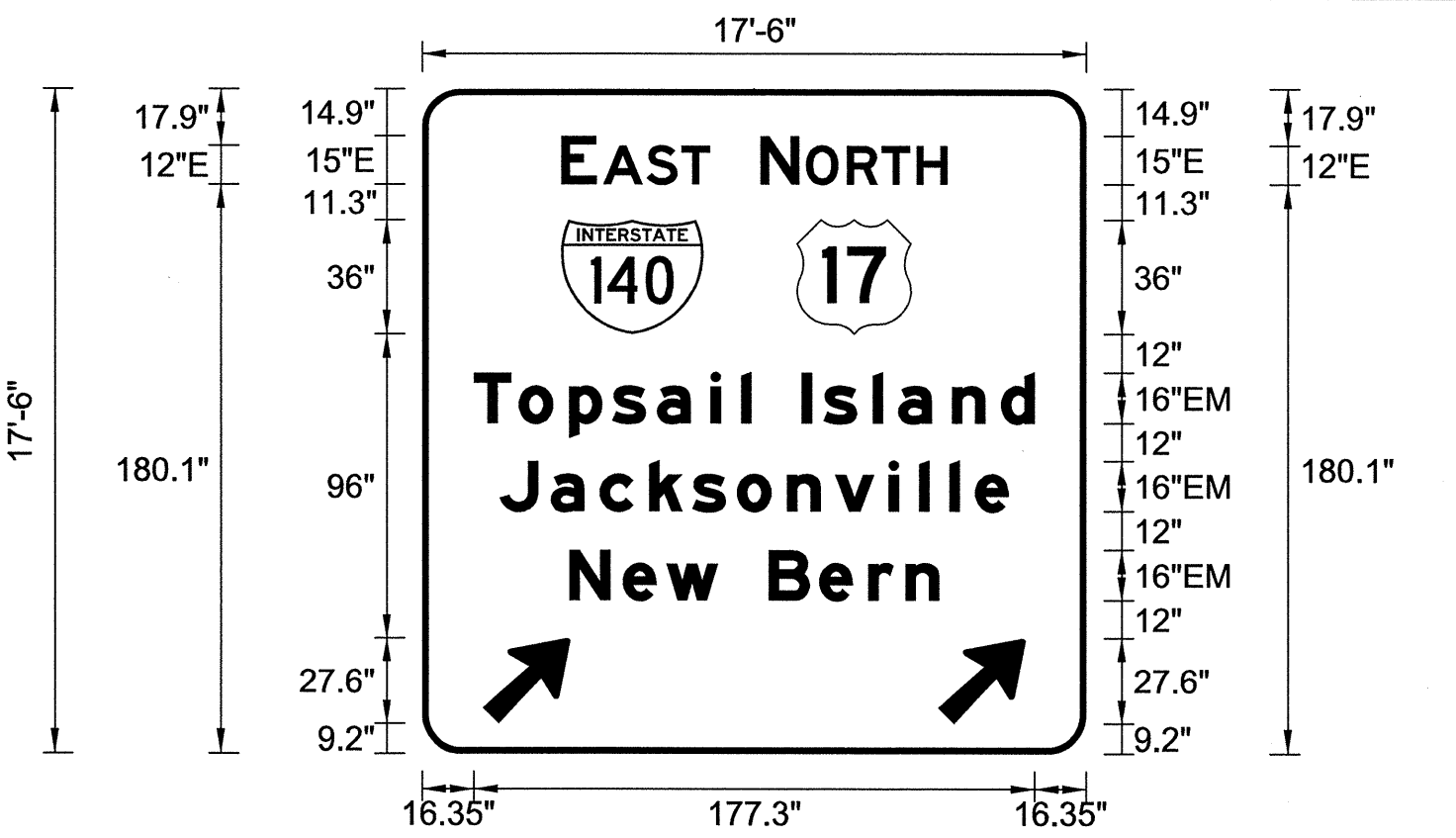
SYMBOL	X	Y	WID	HT
M1_1	43.9	132.8	45	36
M1_4	118.5	132.8	36	36
AR_Type A	19.2	9.2	22.3	35
AR_Type A	163.2	9.2	22.3	35

SIGN WIDTH: **17'-6"**
 HEIGHT: **17'-6"**
 TOTAL AREA: **306.3 Sq.Ft.**

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

NO. Z BARS: **6** MAT'L: **0.125" (3.2 mm) ALUMINUM**
 LENGTH: **202.0**

DESIGN BY: **R DRAYTON** CHECKED BY: **J KOPASKIE** DATE: **Jan 15, 2013**
 PROJECT ID: **R-2633BA** DIV: **3**



- USE NOTES: 1,2,3,4
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade B sheeting.

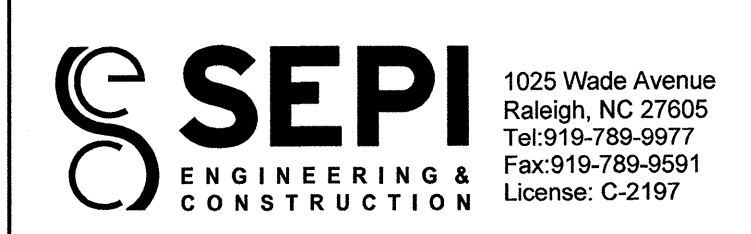
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

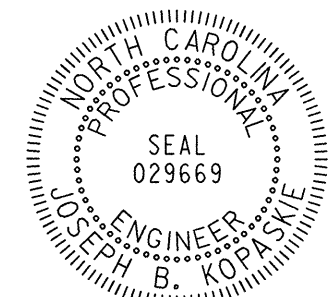
Letter	E	A	S	T	Series/Size
E A S T	43.9	57.4	70.9	82	E 2000
N O R T H	107	121.4	134.3	145.3	E 2000
T o p s a i l I s l a n d	16.4	30.6	46.4	60.2	EM 2000
J a c k s o n v i l l e	24.5	40.7	56.2	71.7	EM 2000
N e w B e r n	46.5	63.5	77.2	93.6	EM 2000

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" OVERHEAD SIGN DESIGNS

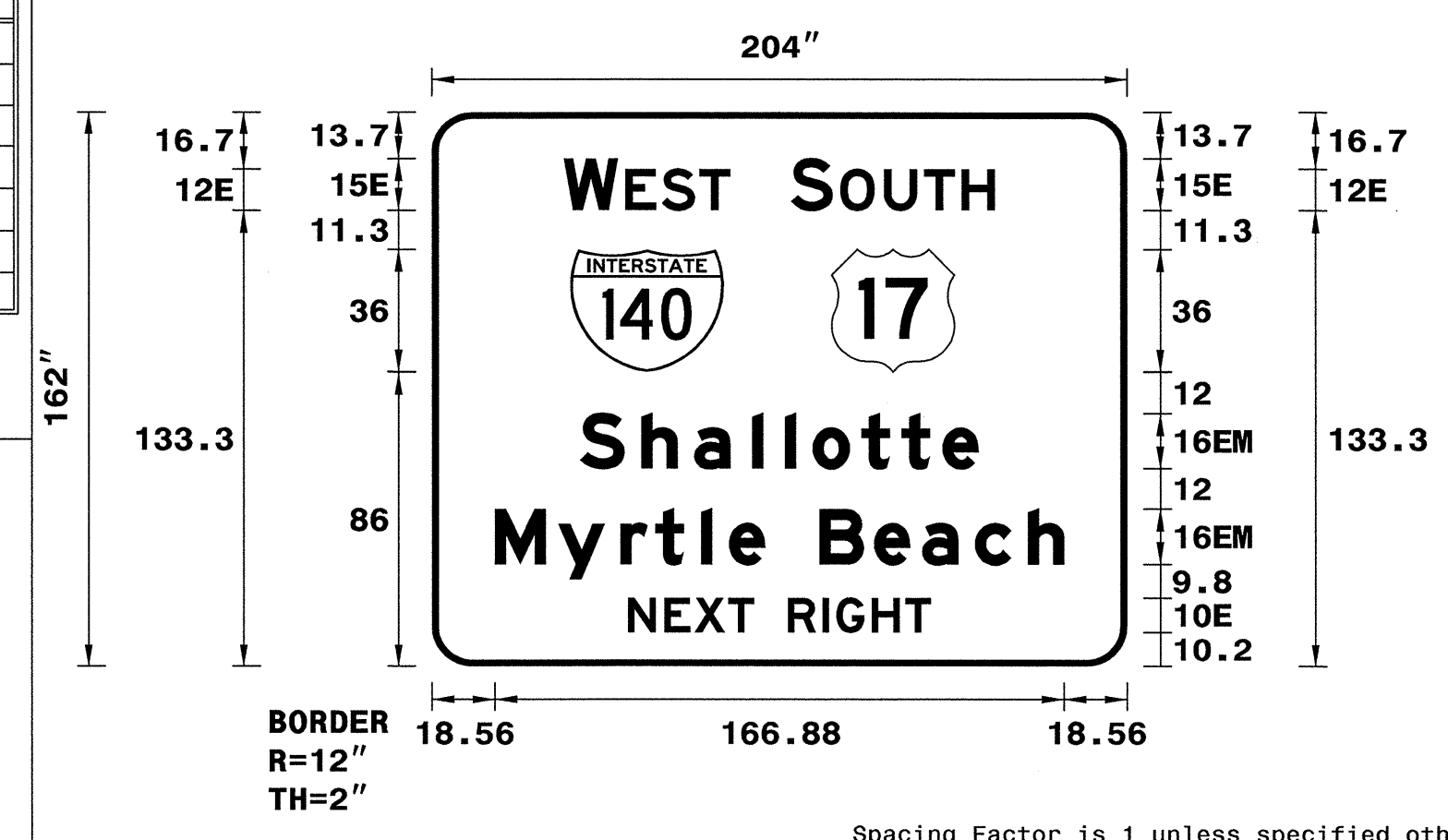
APPROVED: [Signature] DATE: 5/3/13



SIGN NUMBER: 4
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 204"
 HEIGHT: 162"
 TOTAL AREA: 229.5 Sq. Feet
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 4
 LENGTH: 196.0

SYMBOL	X	Y	WID	HT
M1_1	40.68	86	45	36
M1_4	117.33	86	36	36

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE
 PROJECT ID: R-2633BA DIV: 3 DATE: Mar 05, 2013



USE NOTES: 1,2,3,4
 1. Legend and border shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 4. Shields shall be Grade A sheeting.
 5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

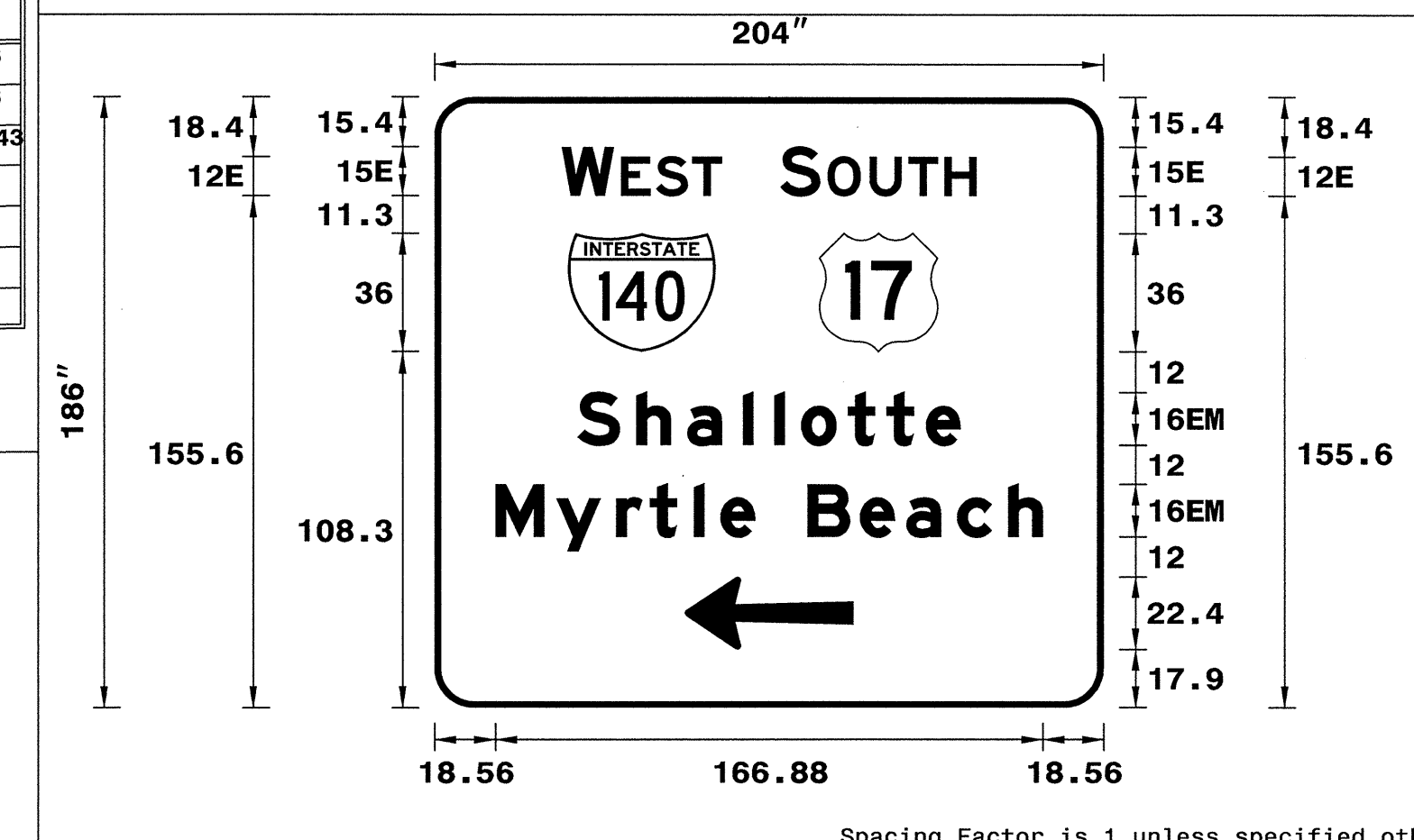
W	E	S	T		Series/Size
38.78	56.84	67.52	78.56		E 2000
					48.78
					E 2000
105.48	19.85	32.68	44.45	55.49	59.76
					EM 2000
43.6	51.52	77.04	94	103.61	11.76
					126
					137.84
					49.84
					EM 2000
18.56	37.12	55.36	65.6	79.04	87.2
					97.76
					113.78
					29.78
					43.84
					59.38
					74.88
					EM 2000
57.6	68.3	77.2	87	94.5	104.5
					114.6
					118.7
					129.1
					138.9
					E 2000
					88.8

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 6
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 204"
 HEIGHT: 186"
 TOTAL AREA: 263.5 Sq. Feet
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 6
 LENGTH: 196.0

SYMBOL	X	Y	WID	HT
M1_1	40.67	108.3	45	36
M1_4	117.33	108.3	36	36
AR_Type A-Ext	76.28	17.9	22.4	51.43

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE
 PROJECT ID: R-2633BA DIV: 3 DATE: Mar 05, 2013



USE NOTES: 1,2,3,4
 1. Legend and border shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 4. Shields shall be Grade A sheeting.
 5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

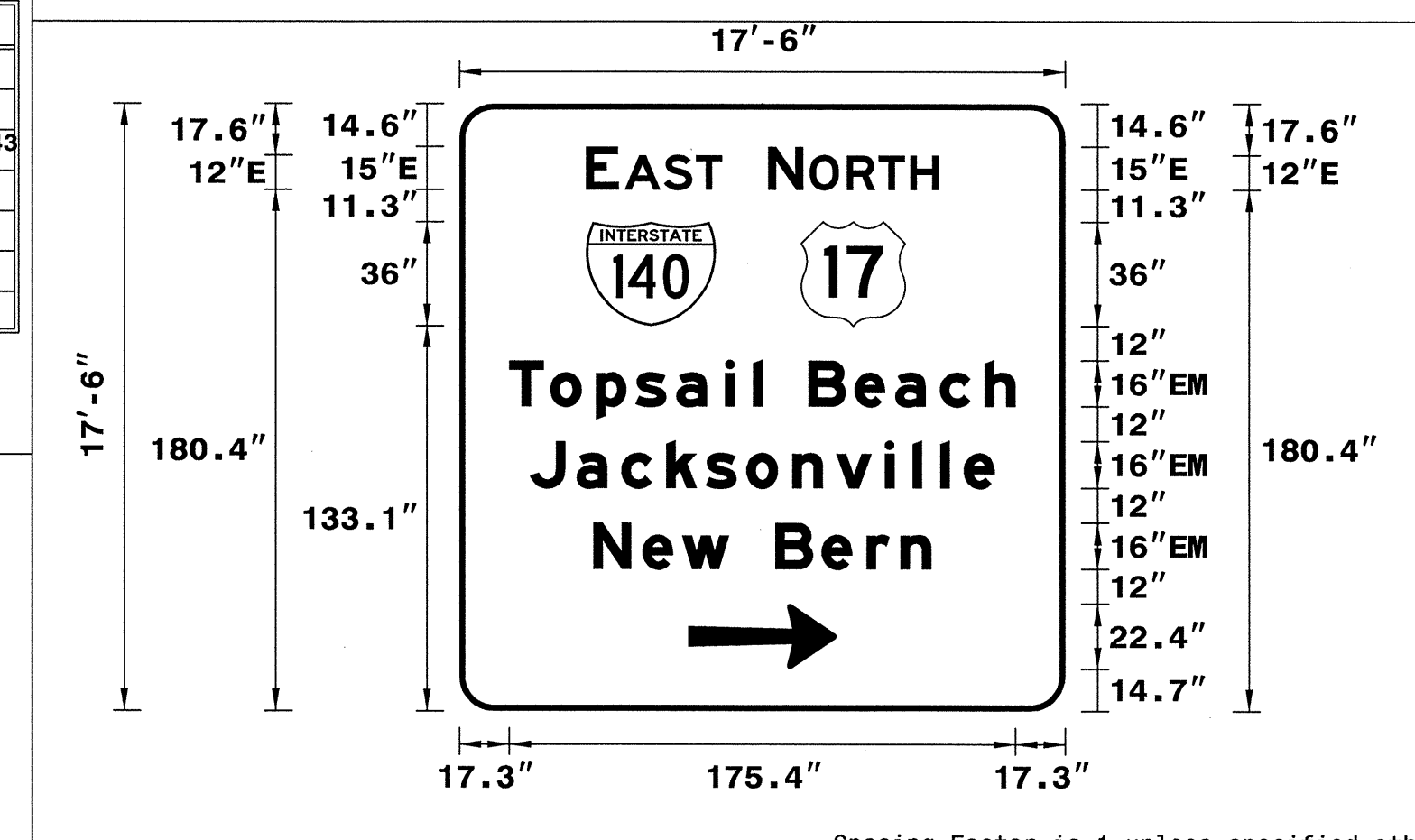
W	E	S	T		Series/Size
38.78	56.84	67.52	78.56		E 2000
					48.78
					E 2000
105.48	19.85	32.68	44.45	55.49	59.76
					EM 2000
43.6	51.52	77.04	94	103.61	11.76
					126
					137.84
					49.84
					EM 2000
18.56	37.12	55.36	65.6	79.04	87.2
					97.76
					113.78
					29.78
					43.84
					59.38
					74.88
					EM 2000
					166.88

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 5
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 210"
 HEIGHT: 210"
 TOTAL AREA: 306.3 Sq. Feet
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 6
 LENGTH: 202.0

SYMBOL	X	Y	WID	HT
M1_1	43.93	133.05	45	36
M1_4	118.53	133.05	36	36
AR_Type A-Ext	79.29	14.65	22.4	51.43

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE
 PROJECT ID: R-2633BA DIV: 3 DATE: Mar 05, 2013



USE NOTES: 1,2,3,4
 1. Legend and border shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 4. Shields shall be Grade A sheeting.
 5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	A	S	T		Series/Size
43.93	57.38	70.94	81.98		E 2000
					47.05
					E 2000
106.98	21.43	34.27	45.31	56.35	59.09
					EM 2000
17.32	31.56	47.4	61.16	75.24	92.2
					101.8
					105
					121
					137
					151.08
					166.61
					182.12
					EM 2000
24.52	40.68	56.2	71.72	85.48	99.56
					115.4
					130.61
					147.58
					166.78
					174.92
					EM 2000
46.52	53.48	77.24	93.56	109.58	125.58
					141.08
					152.92
					EM 2000
					116.96

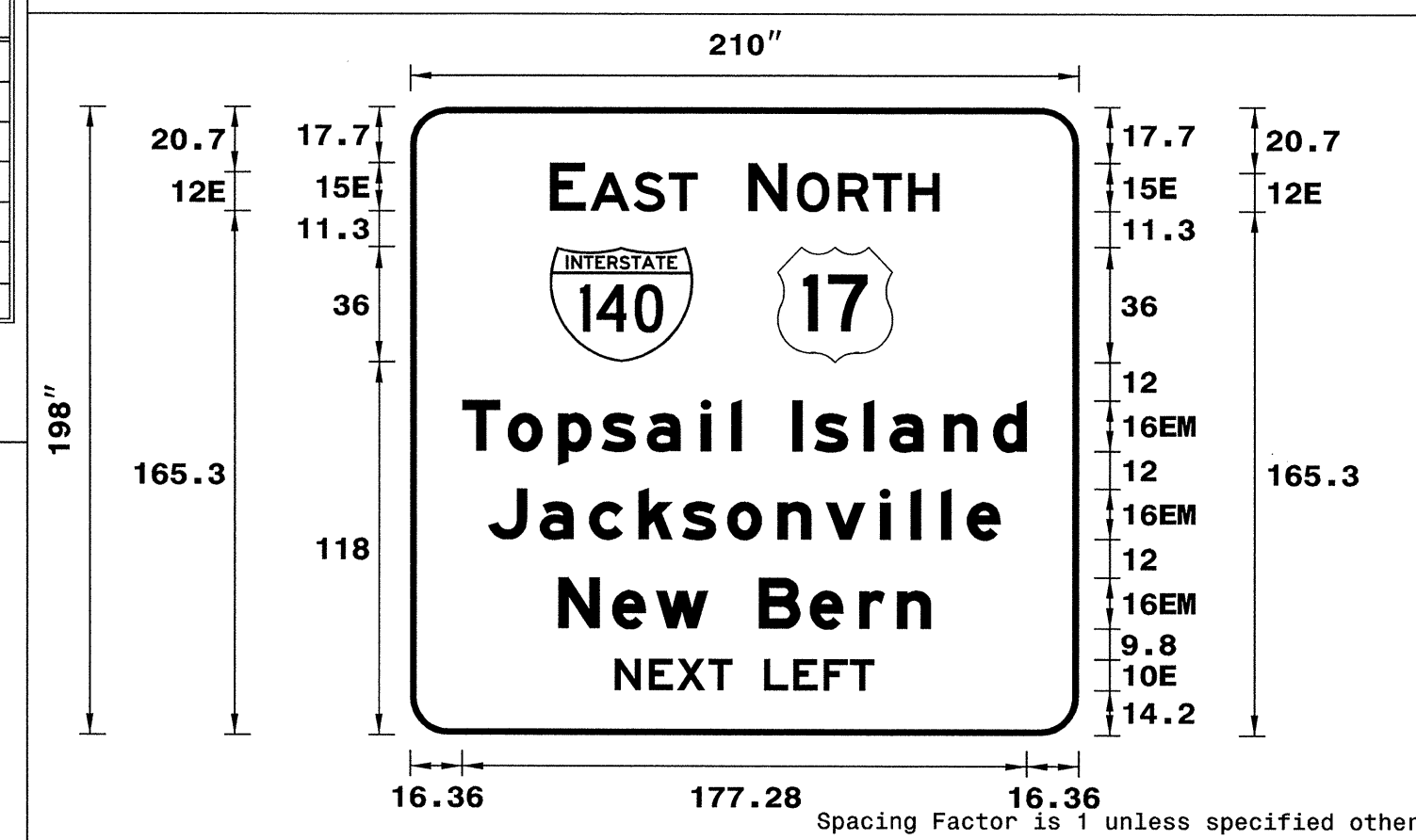
SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" OVERHEAD SIGN DESIGNS

5/14/09

SIGN NUMBER: 7 TYPE: A QUANTITY: 1 SIGN WIDTH: 210" HEIGHT: 198" TOTAL AREA: 288.8 Sq. Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 6 LENGTH: 202.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <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>43.84</td> <td>118</td> <td>45</td> <td>36</td> </tr> <tr> <td>M1_4</td> <td>115.48</td> <td>118</td> <td>36</td> <td>36</td> </tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	M1_1	43.84	118	45	36	M1_4	115.48	118	36	36	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Apr 24, 2013
SYMBOL	X	Y	WID	HT													
M1_1	43.84	118	45	36													
M1_4	115.48	118	36	36													

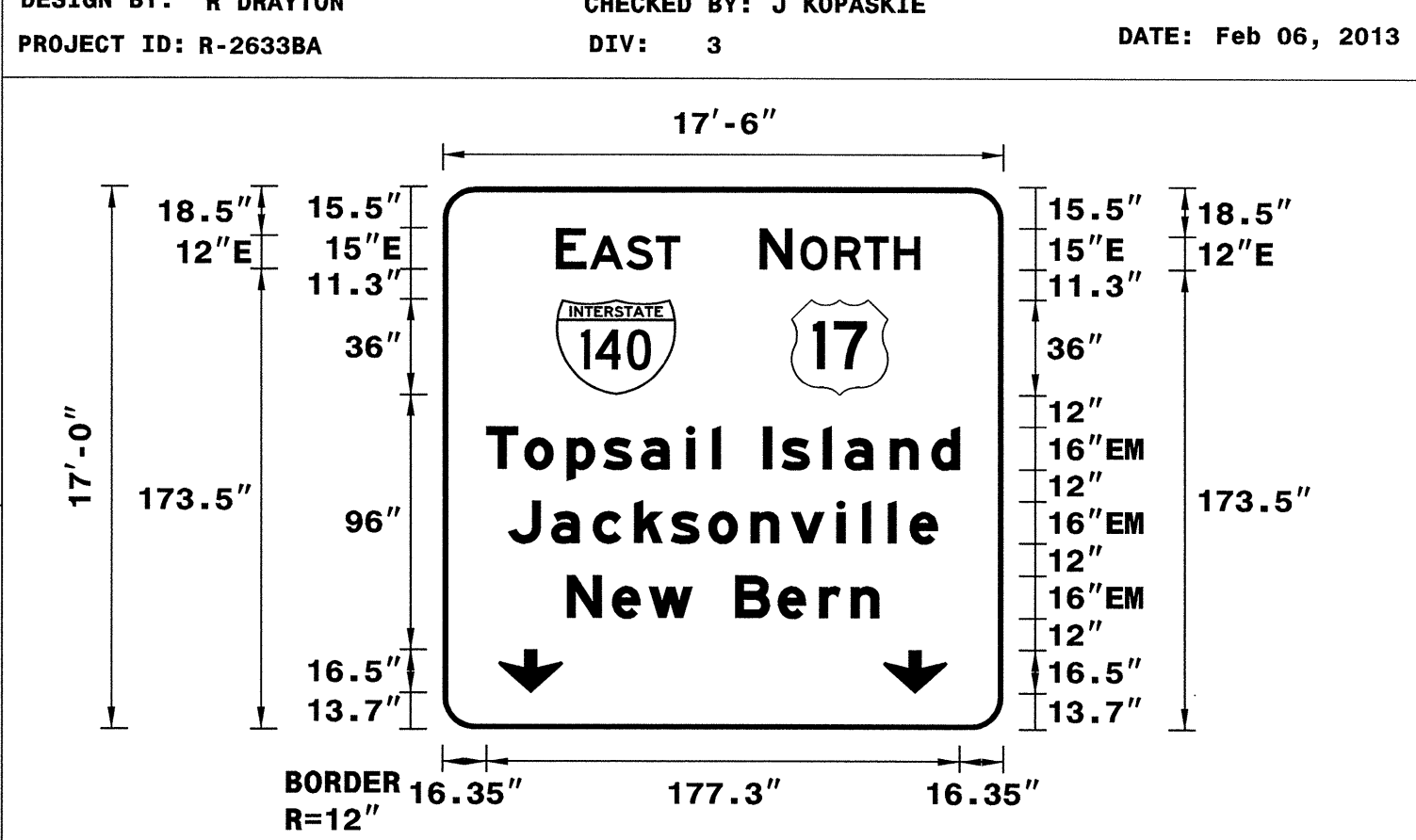


Spacing Factor is 1 unless specified otherwise

Letter locations are panel edge to lower left corner										Series/Size	Text Length					
E	A	S	T							E	2000	46.38				
43.84	56.62	70.18	81.22													
N	O	R	T	H						E	2000	59.94				
106.22	121.52	134.36	145.41	156.44												
T	O	P	S	A	I	L	I	S	L	A	N	D	EM	2000	177.28	
16.36	30.6	46.44	60.2	74.28	91.24	100.84	104.04	120.04	126.92	142.44	150.61	167.58	183.08			
J	A	C	K	S	O	N	V	I	L	L	E		EM	2000	160.96	
24.52	40.68	56.2	71.72	85.48	99.56	115.4	130.61	147.58	157.18	166.78	174.92					
N	E	W	B	E	R	N							EM	2000	116.96	
46.52	63.48	77.24	93.56	109.58	125.58	141.08	152.92									
N	E	X	T	L	E	F	T						E	2000	81.4	
64.3	75	83.9	93.7	101.2	111.2	120.4	129.9	138.2								

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 8 TYPE: A QUANTITY: 1 SIGN WIDTH: 17'-6" HEIGHT: 17'-0" TOTAL AREA: 297.5 Sq. Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 6 LENGTH: 202.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <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>42.4</td> <td>126.2</td> <td>45</td> <td>36</td> </tr> <tr> <td>M1_4</td> <td>130.7</td> <td>126.2</td> <td>36</td> <td>36</td> </tr> <tr> <td>ARDOWN</td> <td>21</td> <td>13.7</td> <td>24</td> <td>16.5</td> </tr> <tr> <td>ARDOWN</td> <td>165</td> <td>13.7</td> <td>24</td> <td>16.5</td> </tr> </tbody> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	M1_1	42.4	126.2	45	36	M1_4	130.7	126.2	36	36	ARDOWN	21	13.7	24	16.5	ARDOWN	165	13.7	24	16.5	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Feb 06, 2013
SYMBOL	X	Y	WID	HT																							
M1_1	42.4	126.2	45	36																							
M1_4	130.7	126.2	36	36																							
ARDOWN	21	13.7	24	16.5																							
ARDOWN	165	13.7	24	16.5																							



Spacing Factor is 1 unless specified otherwise

Letter locations are panel edge to lower left corner										Series/Size	Text Length					
E	A	S	T							E	2000	46.4				
42.4	55.2	68.7	79.8													
N	O	R	T	H						E	2000	59.9				
118.7	134	146.9	157.9	168.9												
T	O	P	S	A	I	L	I	S	L	A	N	D	EM	2000	177.3	
16.4	30.6	46.4	60.2	74.3	91.2	100.8	104	120	126.9	142.4	150.6	167.6	183.1			
J	A	C	K	S	O	N	V	I	L	L	E		EM	2000	161	
24.5	40.7	56.2	71.7	85.5	99.6	115.4	130.6	147.6	157.2	166.8	174.9					
N	E	W	B	E	R	N							EM	2000	117	
46.5	63.5	77.2	93.6	109.6	125.6	141.1	152.9									

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4C
APPROVED:	
DATE: 5/3/13	

SIGN NUMBER: 101B & 102B TYPE: A QUANTITY: 2 SIGN WIDTH: 174" HEIGHT: 174" TOTAL AREA: 210.3 Sq. Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 5 LENGTH: 166.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_1 33.06 104.24 45 36 M1_4 98.2 104.24 36 36	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Mar 05, 2013
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USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
E A S T	E 2000	38.24
N O R T H	E 2000	49.48
T o p s a i l I s l a n d	EM 2000	147.7
J a c k s o n v i l l e	EM 2000	134.1
N e w B e r n	EM 2000	97.44
1 M I L E	E 2000	48.7

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 106 TYPE: A QUANTITY: 1 SIGN WIDTH: 174" HEIGHT: 174" TOTAL AREA: 210.3 Sq. Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 5 LENGTH: 166.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_1 33.06 106.36 45 36 M1_4 98.2 106.36 36 36 AR_Type A-Ext. 71.7 13.04 13.33 30.6	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Mar 05, 2013
---	---	--

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
E A S T	E 2000	38.24
N O R T H	E 2000	49.48
T o p s a i l I s l a n d	EM 2000	147.7
J a c k s o n v i l l e	EM 2000	134.1
N e w B e r n	EM 2000	97.44

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 103B TYPE: A QUANTITY: 1 SIGN WIDTH: 174" HEIGHT: 174" TOTAL AREA: 210.3 Sq. Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 5 LENGTH: 166.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_1 33.06 104.6 45 36 M1_4 98.2 104.6 36 36	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Mar 05, 2013
--	---	--

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

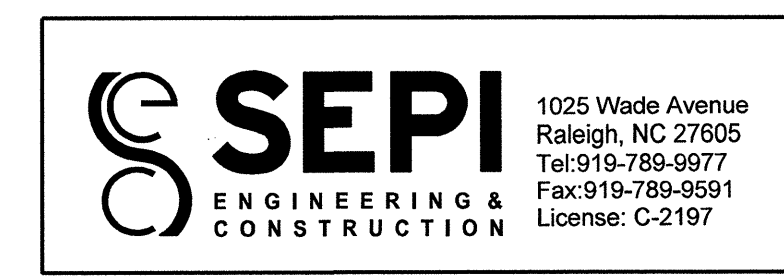
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
E A S T	E 2000	38.24
N O R T H	E 2000	49.48
T o p s a i l I s l a n d	EM 2000	147.7
J a c k s o n v i l l e	EM 2000	134.1
N e w B e r n	EM 2000	97.44
1/2 M I L E	E 2000	62.68

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" GROUND MOUNTED SIGN DESIGNS

5/14/09

SIGN NUMBER: 107 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 1

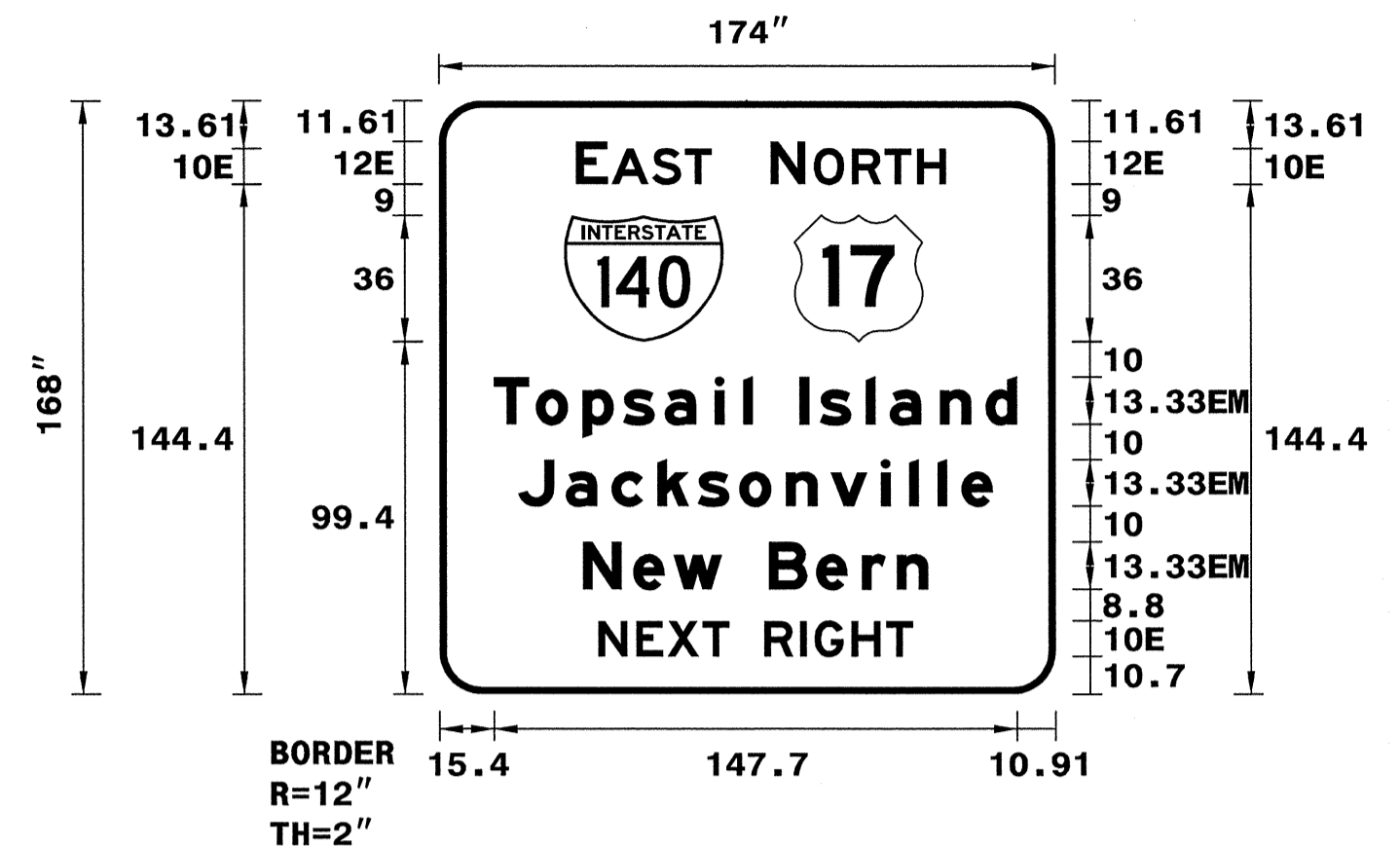
SYMBOL	X	Y	WID	HT
M1_1	35.31	99.4	45	36
M1_4	100.45	99.4	36	36

SIGN WIDTH: 174" **HEIGHT:** 168"
TOTAL AREA: 203.0 Sq.Feet
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 166.0

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

DESIGN BY: R DRAYTON **CHECKED BY:** J KOPASKIE
PROJECT ID: R-2633BA **DIV:** 3 **DATE:** Mar 05, 2013



BORDER R=12" TH=2" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
E A S T	E 2000	38.24
N O R T H	E 2000	49.48
T o p s a i l I s l a n d	EM 2000	147.7
J a c k s o n v i l l e	EM 2000	134.1
N e w B e r n	EM 2000	97.44
N E X T R I G H T	E 2000	88.8

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

SIGN NUMBER: 109 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 1

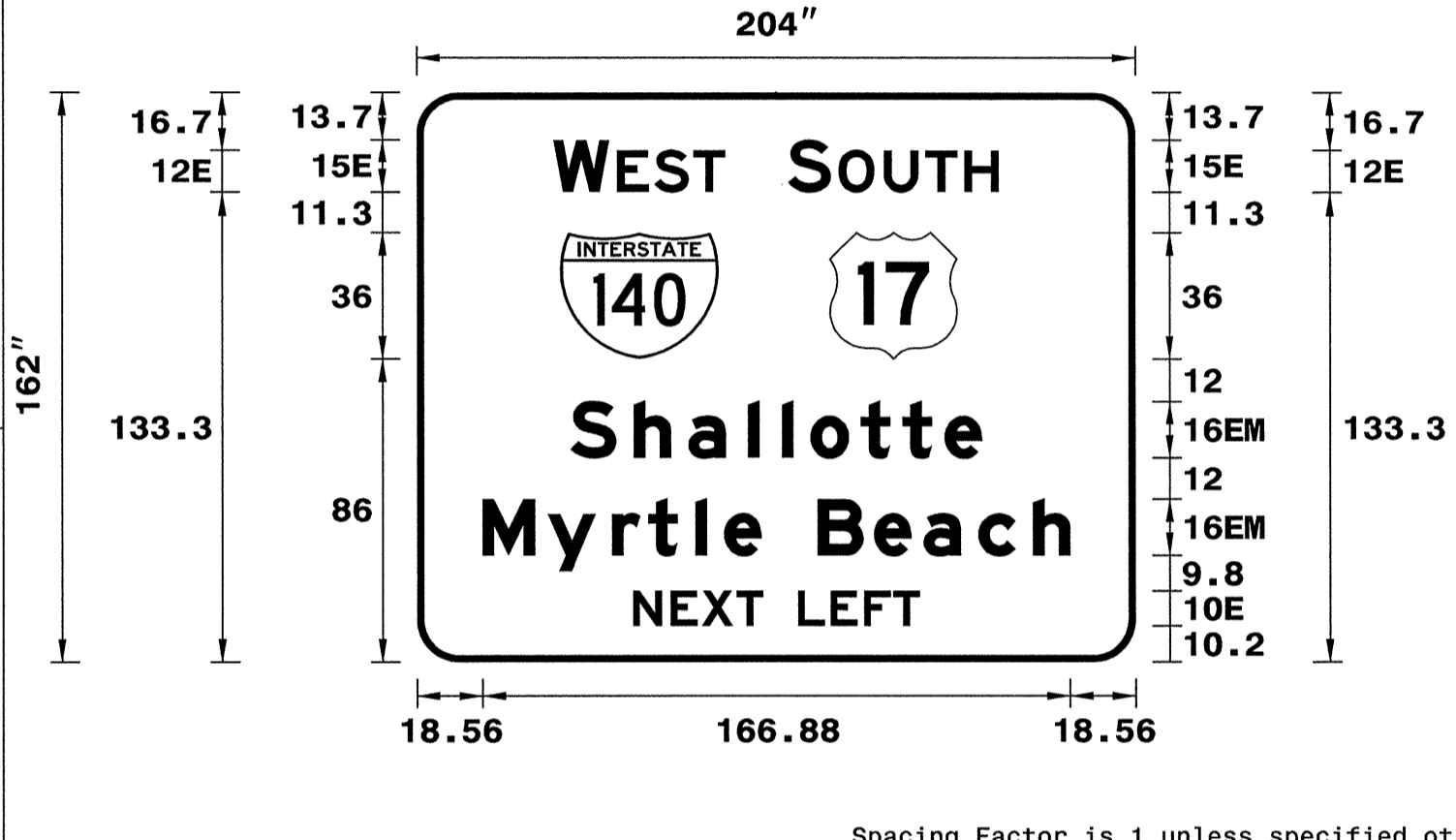
SYMBOL	X	Y	WID	HT
M1_1	40.67	86	45	36
M1_4	117.33	86	36	36

SIGN WIDTH: 204" **HEIGHT:** 162"
TOTAL AREA: Sq.US Survey Feet(')
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 196.0

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

DESIGN BY: R DRAYTON **CHECKED BY:** J KOPASKIE
PROJECT ID: ID **DIV:** DIV **DATE:** Mar 05, 2013



BORDER R=12" TH=2" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
W E S T	E 2000	48.78
S O U T H	E 2000	59.76
S h a l l o t t e	EM 2000	116.8
M y r t l e B e a c h	EM 2000	166.88
N E X T L E F T	E 2000	81.4

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

SIGN NUMBER: 108 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 1

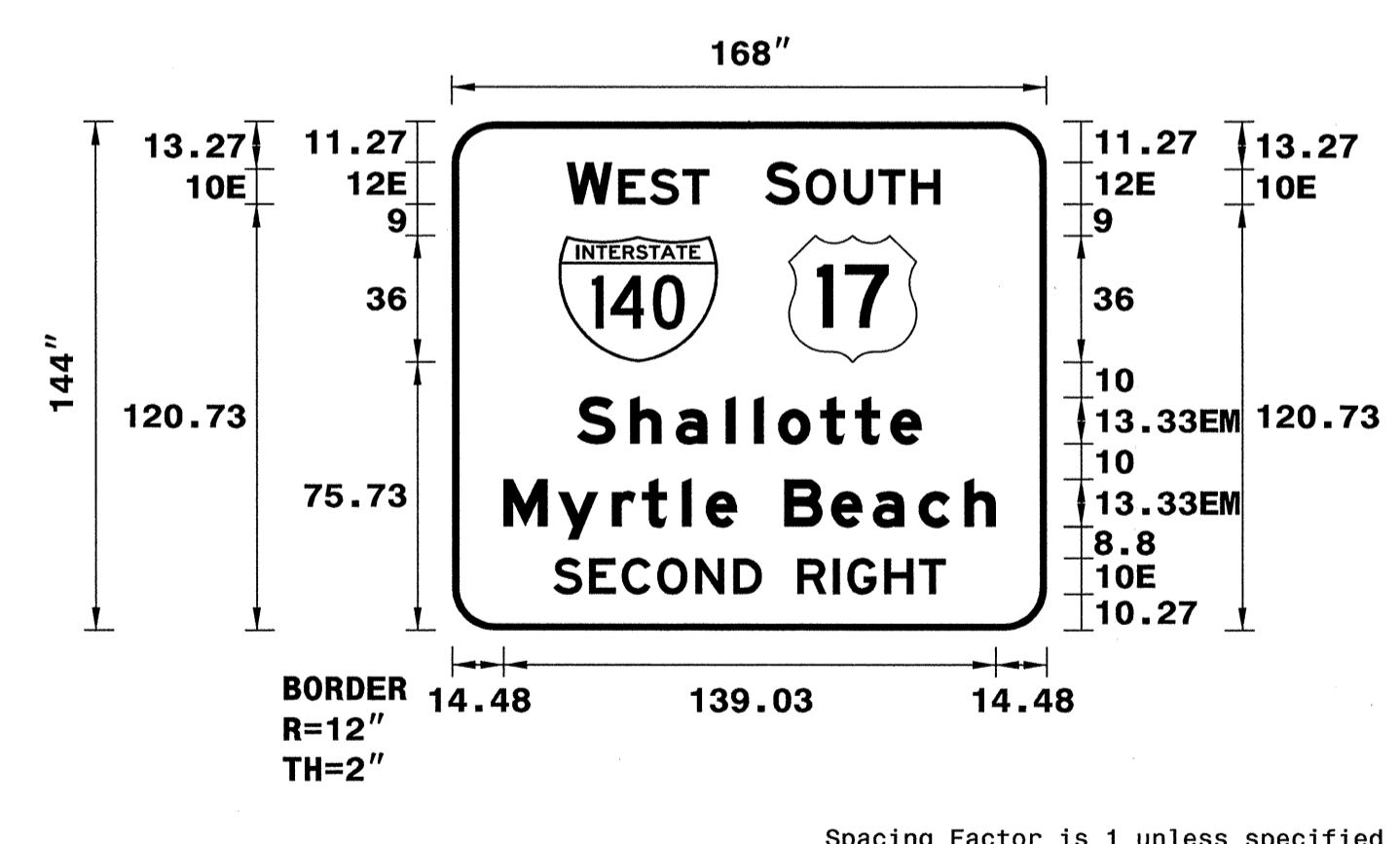
SYMBOL	X	Y	WID	HT
M1_1	30.12	75.73	45	36
M1_4	95.2	75.73	36	36

SIGN WIDTH: 168" **HEIGHT:** 144"
TOTAL AREA: 168.0 Sq.Feet
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 160.0

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

DESIGN BY: R DRAYTON **CHECKED BY:** J KOPASKIE
PROJECT ID: R-2633BA **DIV:** 3 **DATE:** Mar 05, 2013



BORDER R=12" TH=2" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

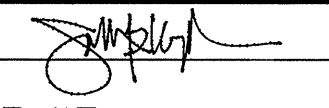
Letter	Series/Size	Text Length
W E S T	E 2000	40.1
S O U T H	E 2000	49.36
S h a l l o t t e	EM 2000	97.31
M y r t l e B e a c h	EM 2000	139.03
S E C O N D R I G H T	E 2000	110.8


FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

5/14/09

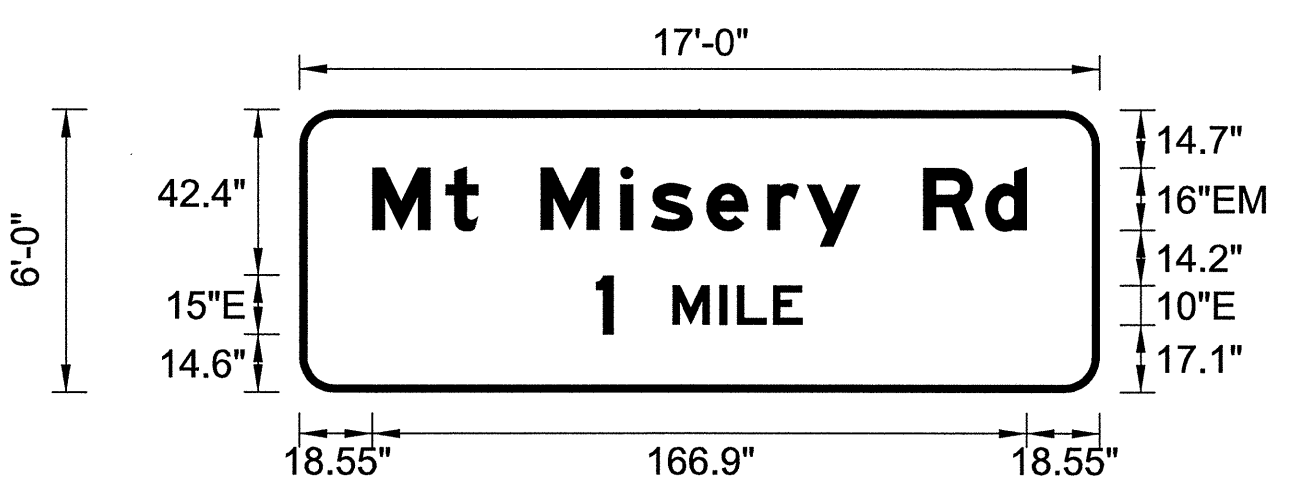
UNL
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5/14/09

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4E
APPROVED: 	
DATE: 5/3/13	



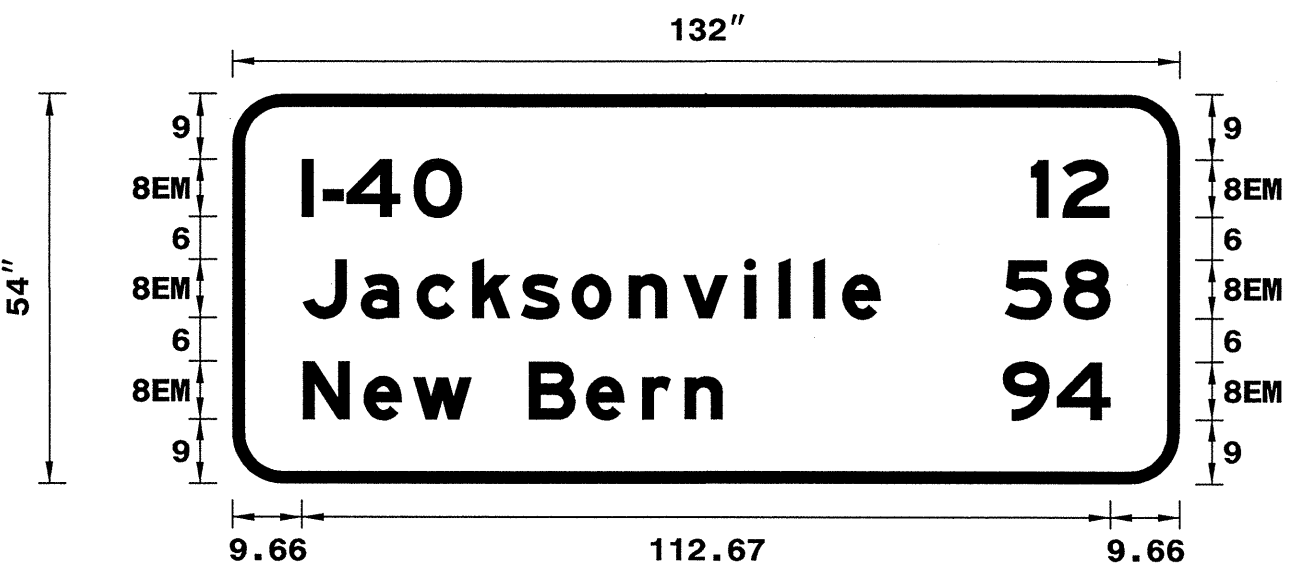
SIGN NUMBER: 1128 & 1198 TYPE: A QUANTITY: 2 SIGN WIDTH: 17'-0" HEIGHT: 6'-0" TOTAL AREA: 102.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 196.0 MAT'L: 0.125" (3.2 mm) ALUMINUM USE NOTES: 1,2,3,4 1. Legend and border shall be direct applied Grade A sheeting. 2. Background shall be Grade C reflective sheeting. 3. Shields shall be on 0.032" (0.8mm) aluminum and demountable. 4. Shields shall be Grade B sheeting.	BACKG COLOR: Green COPY COLOR: White DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 09, 2013
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Letter locations are panel edge to lower left corner													Series/Size
													Text Length
M	t		M	i	s	e	r	y	R	d			EM 2000
18.6	37.3	45.6	61.6	81.9	89.8	103.8	119.4	129.4	143	159	174.9		166.9
I	M	I	L	E									E 2000
75.7	95.2	107.2	111.6	120.8									52.6

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

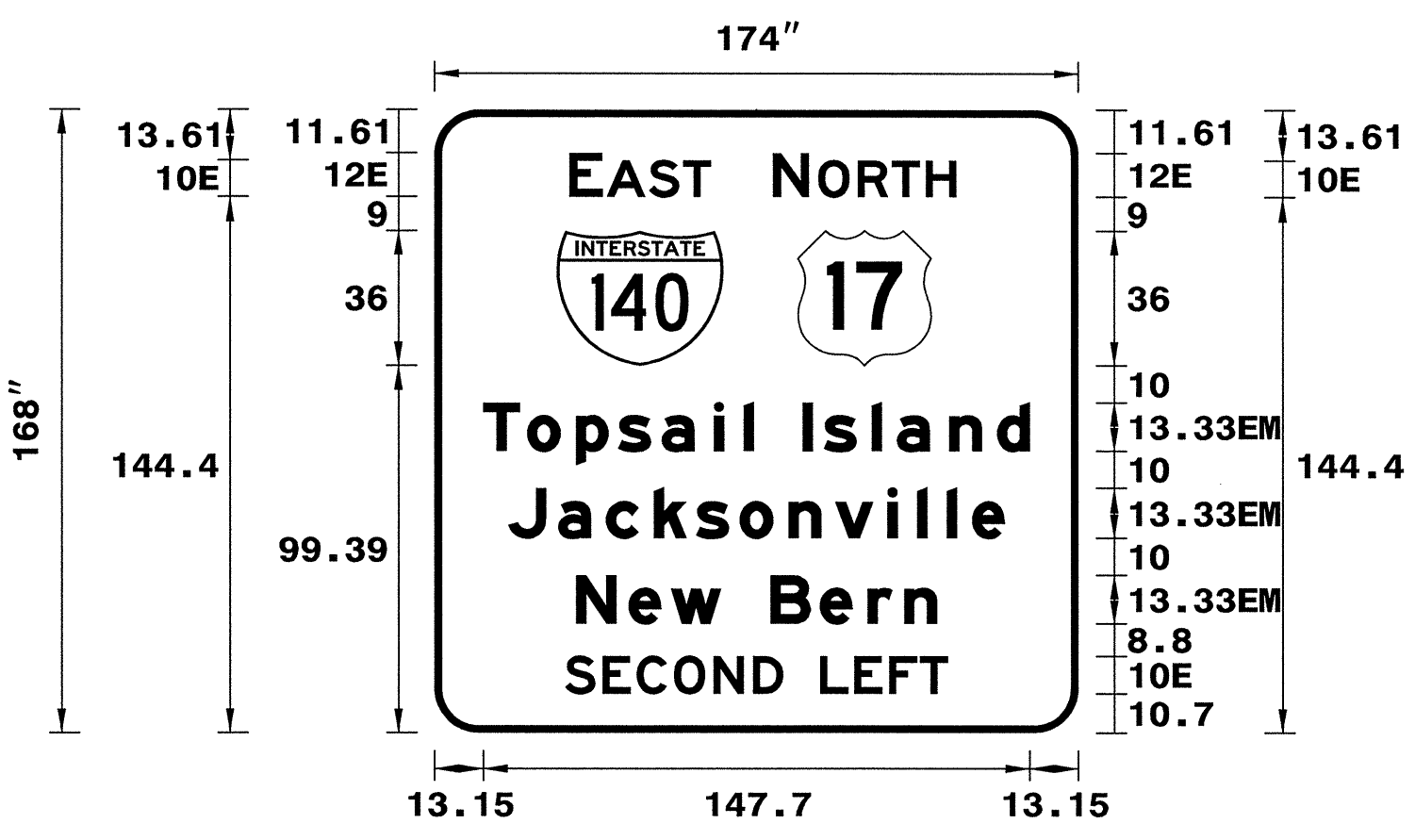
SIGN NUMBER: 111 TYPE: B QUANTITY: 1 SIGN WIDTH: 132" HEIGHT: 54" TOTAL AREA: 49.5 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.75" RADII: 7" NO. Z BARS: 2 LENGTH: 124.0 MAT'L: 0.125" (3.2 mm) ALUMINUM USE NOTES: 1. Legend and border shall be direct applied Grade B sheeting. 2. Background shall be Grade C reflective sheeting.	BACKG COLOR: Green COPY COLOR: White DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: May 16, 2013
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Letter locations are panel edge to lower left corner													Series/Size	
													Text Length	
I	-	4	0	1	2								EM 2000	
9.66	12.62	15.9	25.26	11.29	15.69								112.5	
J	a	c	k	s	o	n	v	i	l	l	e	5	8	EM 2000
9.63	17.91	25.67	33.43	40.31	47.35	55.27	62.87	71.35	76.15	80.95	85.03	107.71	15.86	112.5
N	e	w	B	e	r	n	9	4						EM 2000
9.83	18.31	25.19	33.35	41.35	49.35	57.11	63.03	107.38	114.9					112.5

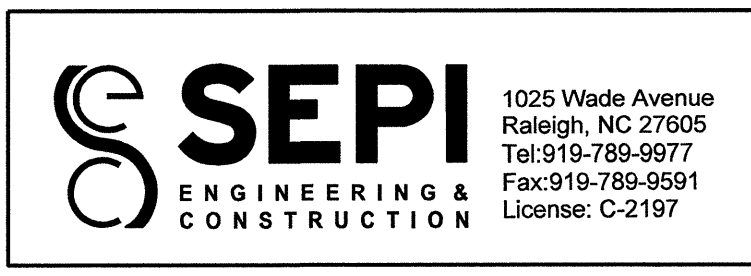
SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 110 TYPE: A QUANTITY: 1 SIGN WIDTH: 174" HEIGHT: 168" TOTAL AREA: 29.1 Sq.Us Survey Feet (') BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 4 LENGTH: 166.0 MAT'L: 0.125" (3.2 mm) ALUMINUM USE NOTES: 1,2,3,4 1. Legend and border shall be direct applied Grade A sheeting. 2. Background shall be Grade C reflective sheeting. 3. Shields shall be on 0.032" (0.8mm) aluminum and demountable. 4. Shields shall be Grade A sheeting. 5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:	BACKG COLOR: Green COPY COLOR: White DESIGN BY: R DRAYTON PROJECT ID: ID CHECKED BY: J KOPASKIE DIV: DIV DATE: Mar 05, 2013
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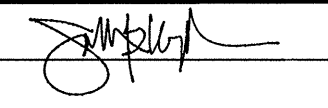


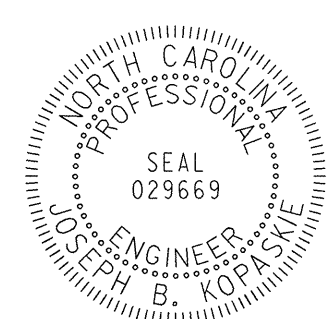
Letter locations are panel edge to lower left corner													Series/Size	
													Text Length	
E	A	S	T										E 2000	
36.44	46.68	57.98	67.18										38.24	
N	O	R	T	H									E 2000	
91.46	103.74	114.44	123.64	132.84									49.48	
T	o	p	s	a	i	l	I	s	l	a	n	d	EM 2000	
13.15	25.02	38.21	49.68	61.41	75.54	83.53	86.2	99.53	105.26	118.19	124.99	132.52	152.05	147.7
J	a	c	k	s	o	n	v	i	l	l	e			EM 2000
19.95	33.41	46.34	59.27	70.74	82.47	95.66	108.33	122.46	130.46	138.43	145.25			134.1
N	e	w	B	e	r	n								EM 2000
38.28	52.41	63.87	77.47	90.8	104.13	117.06	126.92							97.44
S	E	C	O	N	D	L	E	F	T					E 2000
35.3	45.4	54.6	64.7	75.4	86.1	94.2	104.2	113.4	122.9	131.2				103.4

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" & "B"
GROUND MOUNTED SIGN DESIGNS

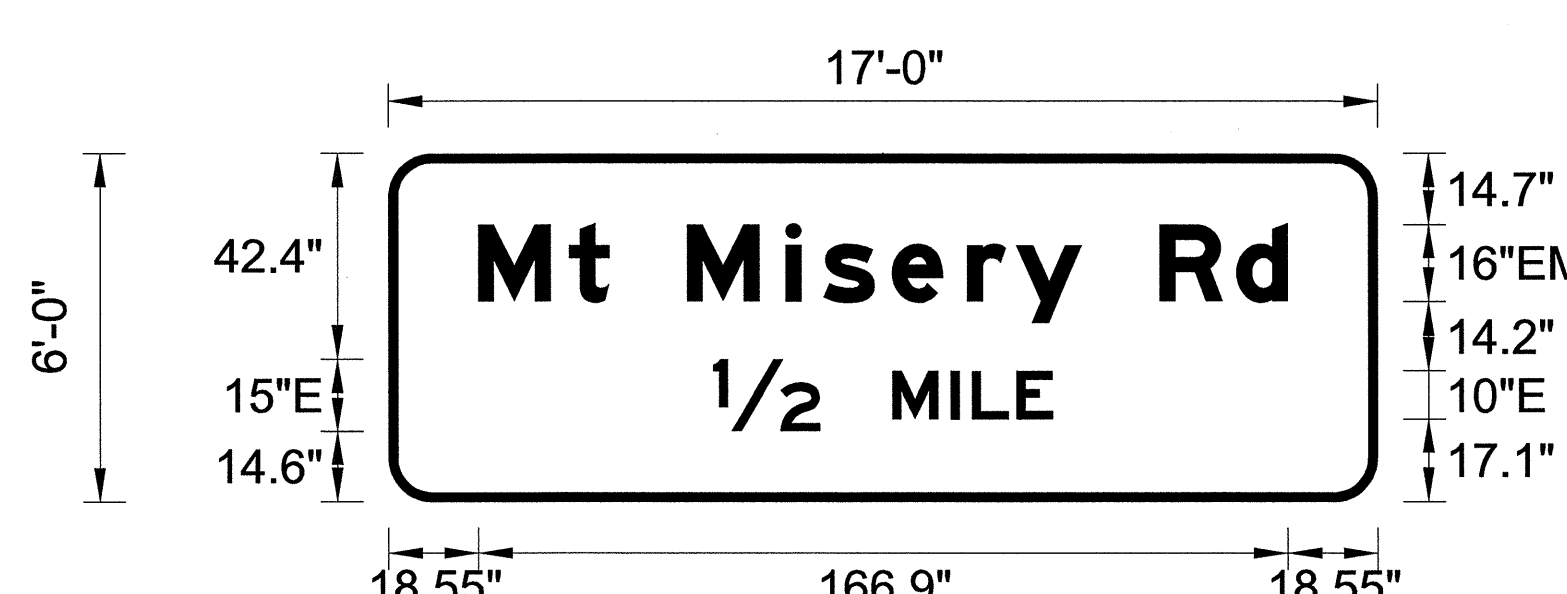
PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4F
APPROVED: 	
DATE: 5/3/13	



SIGN NUMBER: 113B,121B TYPE: A QUANTITY: 2	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Jan 09, 2013
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SYMBOL	X	Y	WID	HT

SIGN WIDTH: 17'-0"
 HEIGHT: 6'-0"
 TOTAL AREA: 102.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 196.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

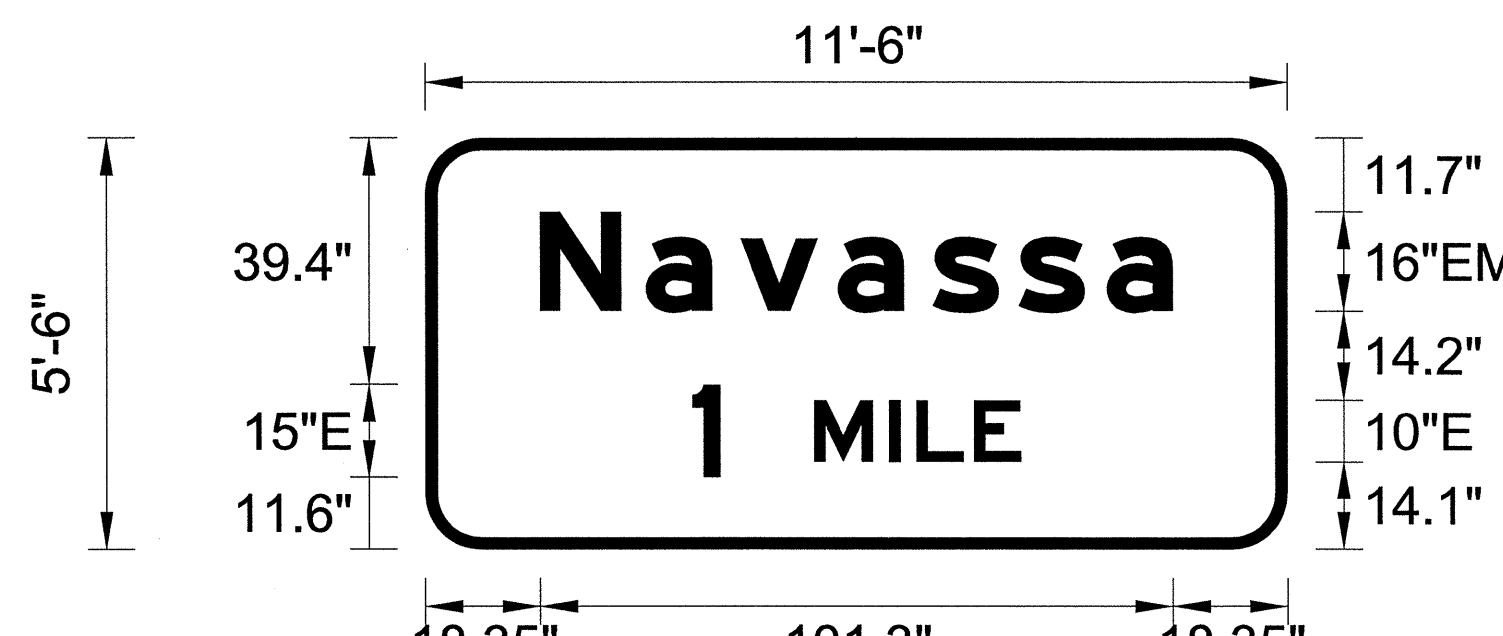
Letter locations are panel edge to lower left corner													Series/Size
M	t		M	i	s	e	r	y		R	d		EM 2000
18.6	37.3	45.6	61.6	81.9	89.8	103.8	119.4	129.4	143	159	174.9		166.9
1/2	M	I	L	E									E 2000
67	103.9	115.9	120.3	129.5									70.1

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 115B TYPE: A QUANTITY: 1	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Jan 09, 2013
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SYMBOL	X	Y	WID	HT

SIGN WIDTH: 11'-6"
 HEIGHT: 5'-6"
 TOTAL AREA: 63.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 130.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

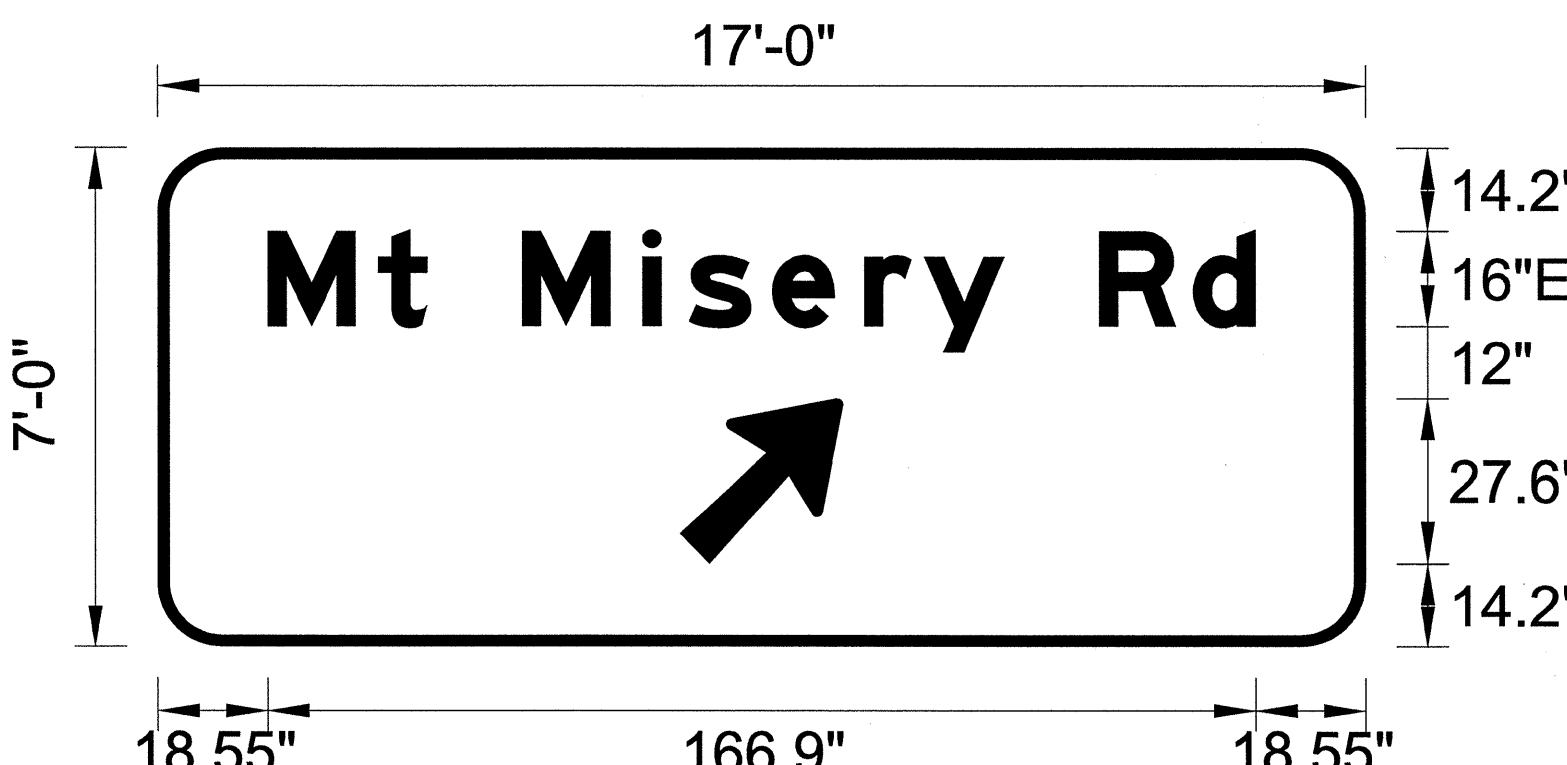
Letter locations are panel edge to lower left corner													Series/Size
N	a	v	a	s	s	a							EM 2000
18.4	35.3	50.5	66	81.2	95	109.1							101.3
1	M	I	L	E									E 2000
42.7	62.2	74.2	78.6	87.8									52.6

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 114B & 122B TYPE: A QUANTITY: 2	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Jan 09, 2013
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SYMBOL	X	Y	WID	HT
AR_Type A	88.2	14.2	22.3	35

SIGN WIDTH: 17'-0"
 HEIGHT: 7'-0"
 TOTAL AREA: 119.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 11"
 NO. Z BARS: 2
 LENGTH: 196.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

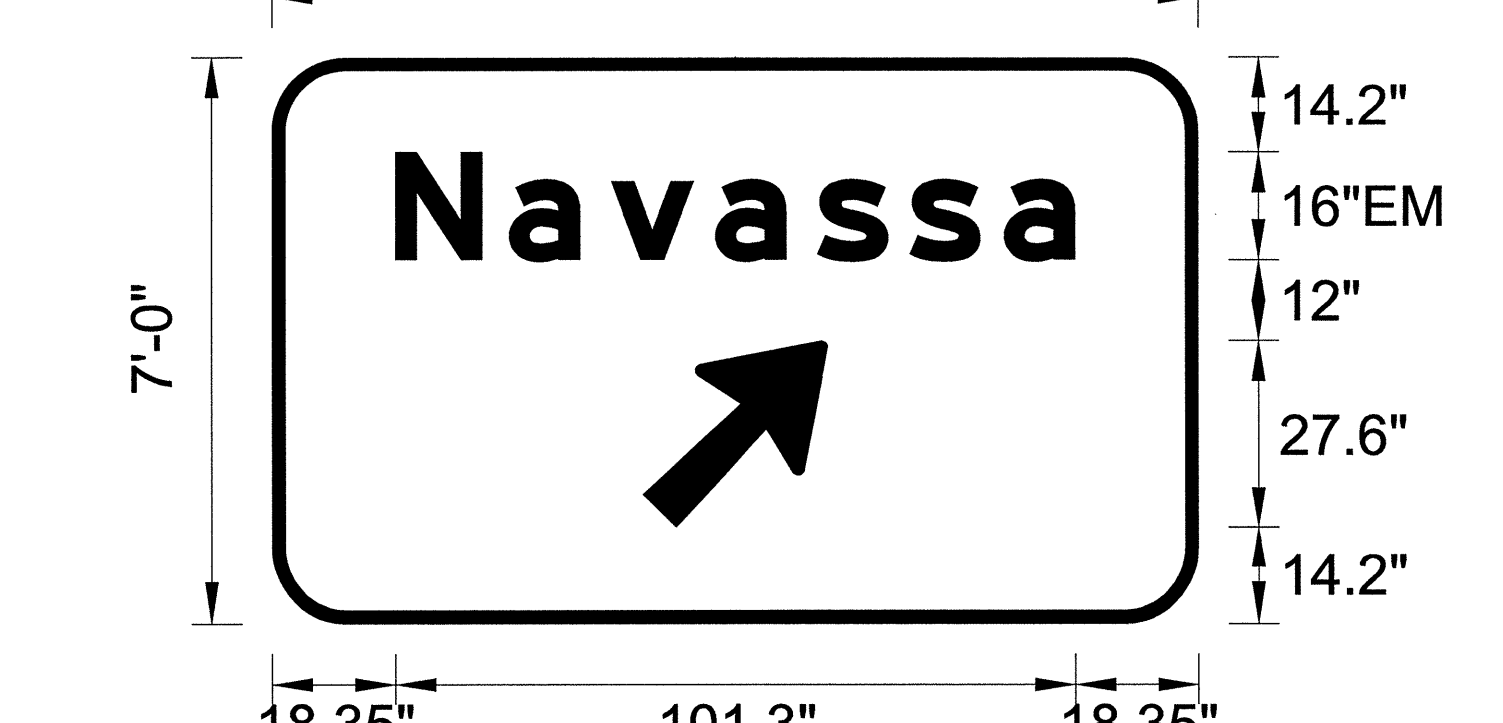
Letter locations are panel edge to lower left corner													Series/Size
M	t		M	i	s	e	r	y		R	d		EM 2000
18.6	37.3	45.6	61.6	81.9	89.8	103.8	119.4	129.4	143	159	174.9		166.9

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 118B TYPE: A QUANTITY: 1	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Jan 09, 2013
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SYMBOL	X	Y	WID	HT
AR_Type A	55.2	14.2	22.3	35

SIGN WIDTH: 11'-6"
 HEIGHT: 7'-0"
 TOTAL AREA: 80.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 11"
 NO. Z BARS: 2
 LENGTH: 130.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM




USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

Letter locations are panel edge to lower left corner													Series/Size
N	a	v	a	s	s	a							EM 2000
18.4	35.3	50.5	66	81.2	95	109.1							101.3

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

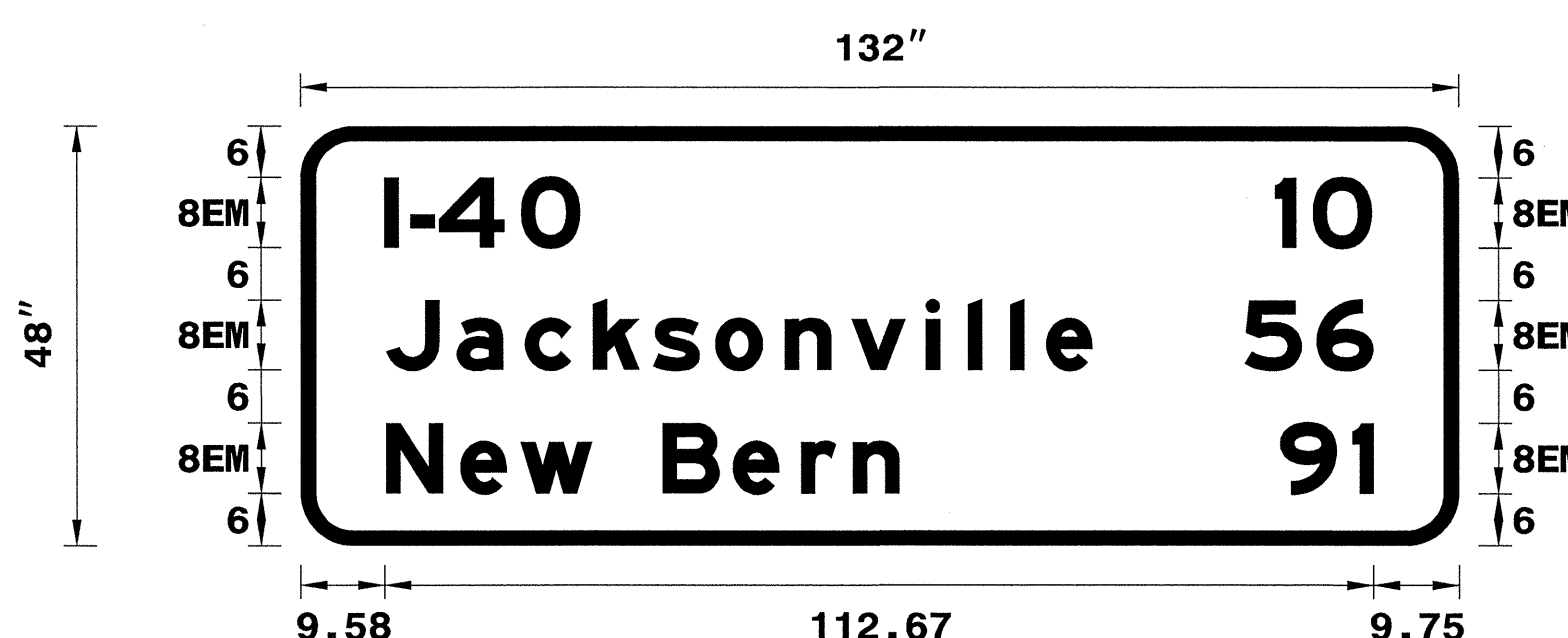


1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977
 Fax: 919-789-9591
 License: C-2197

TYPE "A" GROUND MOUNTED SIGN DESIGNS

5/14/13

SIGN NUMBER: 116 TYPE: B QUANTITY: 1 SIGN WIDTH: 132" HEIGHT: 48" TOTAL AREA: 44.0 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.75" RADII: 6" NO. Z BARS: 2 LENGTH: 124.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J. KOPASKIE DIV: 3 DATE: May 16, 2013
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Spacing Factor is 1 unless specified otherwise

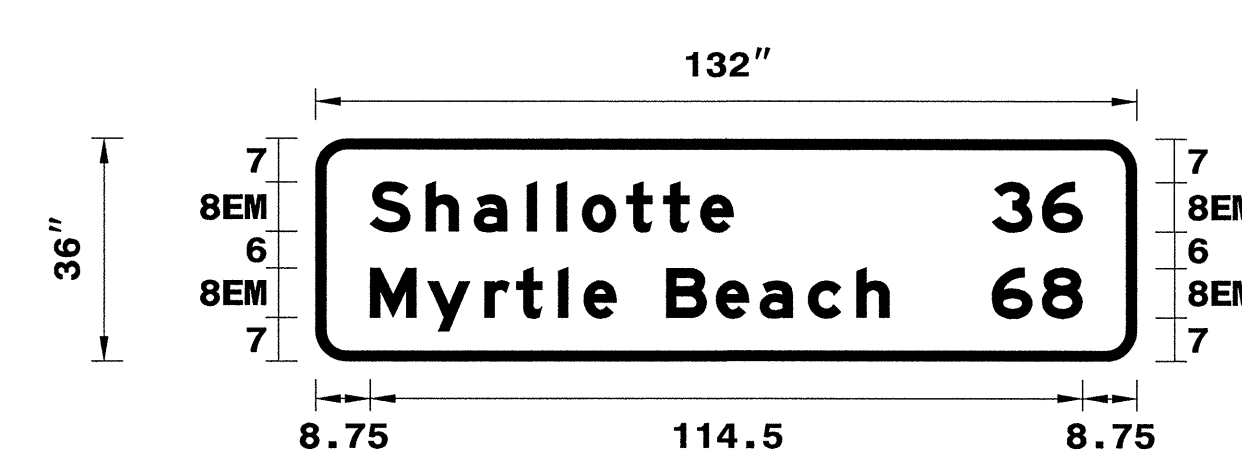
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	X	Y	WID	HT	Series/Size
I	9.58	12.54	15.82	25.18	EM 2000
4	11.04	15.36			112.5
0					
1					
0					
J	9.75	17.83	25.59	33.35	EM 2000
a	40.23	47.27	55.19	62.79	112.5
k	71.27	76.07	80.87	84.95	
s	107.61	115.77			
o					
n					
v					
i					
l					
l					
e					
5					
6					
N	9.75	18.23	25.11	33.27	EM 2000
e	41.27	49.27	57.03	62.95	112.5
w	111.61	119.85			
B					
e					
r					
n					
9					
1					

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 120 TYPE: B QUANTITY: 1 SIGN WIDTH: 132" HEIGHT: 36" TOTAL AREA: 33.0 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.75" RADII: 5" NO. Z BARS: 2 LENGTH: 124.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J. KOPASKIE DIV: 3 DATE: Apr 02, 2013
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Spacing Factor is 1 unless specified otherwise

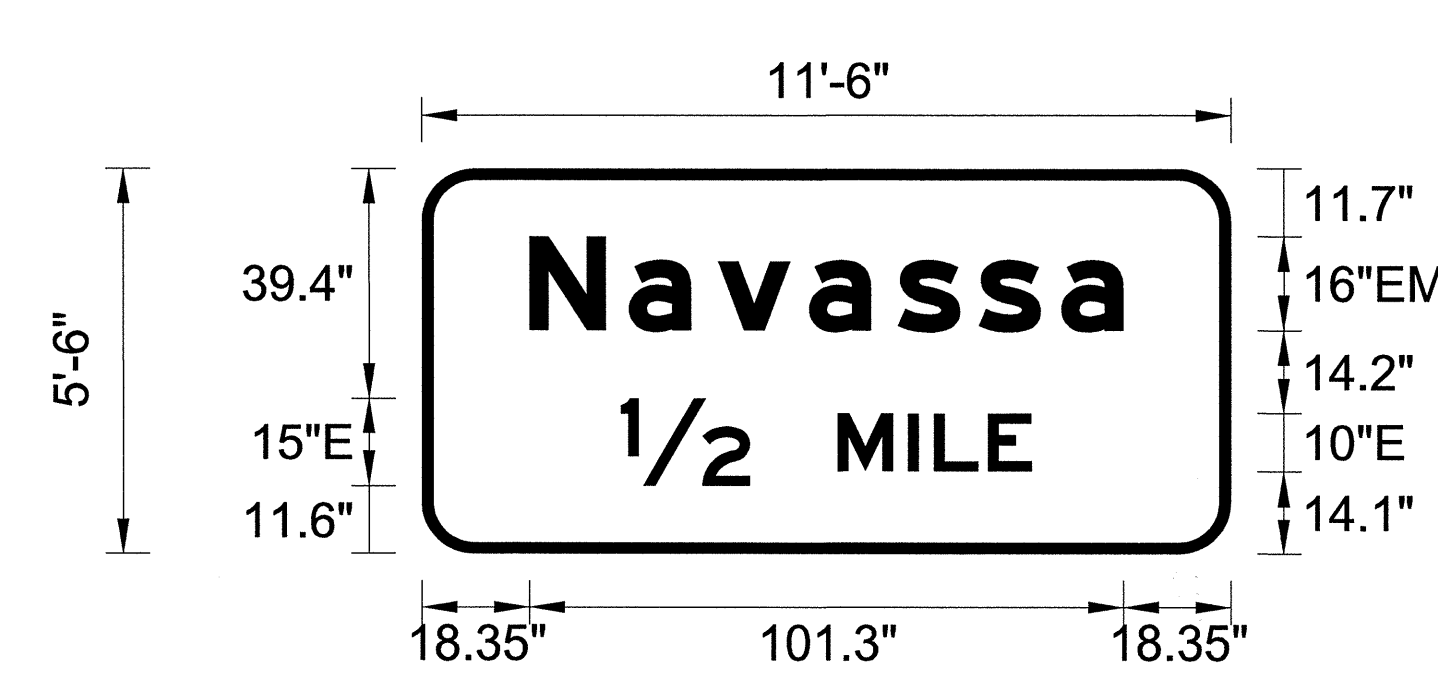
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	X	Y	WID	HT	Series/Size
S	8.75	17.71	25.47	33.95	EM 2000
h	38.75	42.83	49.95	55.87	114.5
a	61.87	108.69	116.77		
l					
l					
o					
t					
t					
e					
3					
6					
M	8.75	18.03	27.15	32.27	EM 2000
y	43.07	48.35	56.35	64.35	114.5
r	71.39	79.15	86.91	108.69	
t	116.77				
l					
e					
B					
e					
a					
c					
h					
6					
8					

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 117B TYPE: A QUANTITY: 1 SIGN WIDTH: 11'-6" HEIGHT: 5'-6" TOTAL AREA: 63.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" 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	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J. KOPASKIE DIV: 3 DATE: Jan 09, 2013
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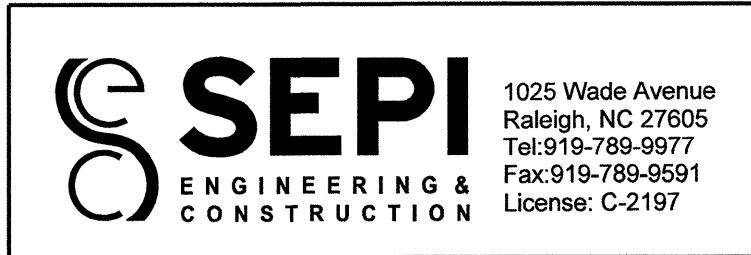
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

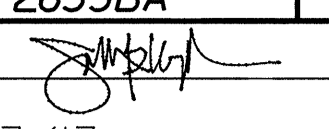
Letter locations are panel edge to lower left corner

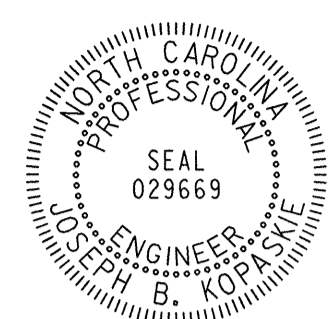
Letter	X	Y	WID	HT	Series/Size
N	18.4	35.3	50.5	66	EM 2000
a	81.2	95	109.1		101.3
v					
a					
s					
s					
a					
1/2	34	70.9	82.9	87.3	E 2000
M	96.5				70.1
I					
L					
E					

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

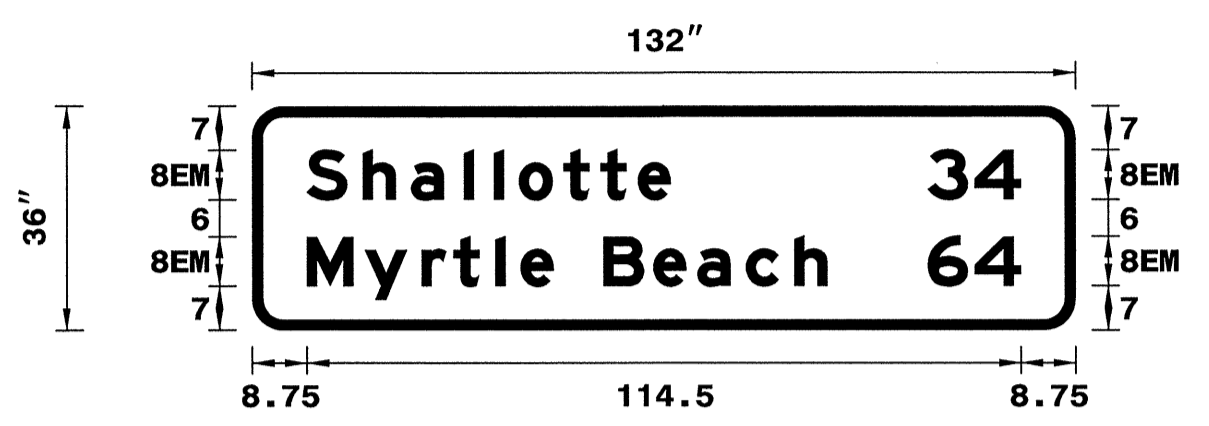


**TYPE "A" GROUND MOUNTED
SIGN DESIGNS**

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4H
APPROVED: 	
DATE: 5/3/13	



SIGN NUMBER: 123 TYPE: B QUANTITY: 1 SIGN WIDTH: 132" HEIGHT: 36" TOTAL AREA: 33.0 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.75" RADII: 5" NO. Z BARS: 2 LENGTH: 124.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Apr 02, 2013
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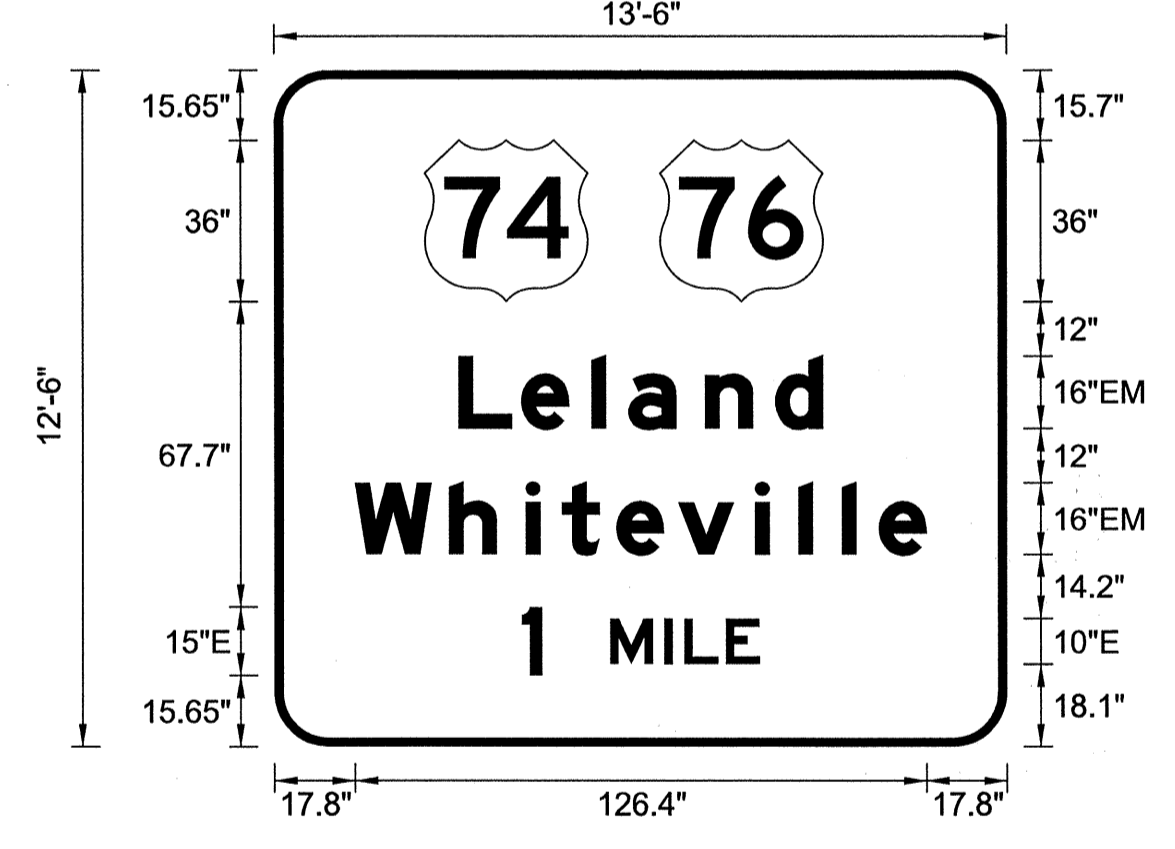
USE NOTES:
1. Legend and border shall be direct applied Grade A sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter locations are panel edge to lower left corner											Series/Size
S	h	a	l	l	o	t	t	e	3	4	Text Length
8.75	17.71	25.47	33.95	38.75	42.83	49.95	55.87	61.87	108.29	115.81	EM 2000 114.5
8.75	18.03	27.15	32.27	38.99	43.07	48.35	56.35	64.35	71.39	79.15	EM 2000 114.5

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 124B TYPE: A QUANTITY: 1 SIGN WIDTH: 13'-6" HEIGHT: 12'-6" TOTAL AREA: 168.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 4 LENGTH: 154.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_4 33.3 98.3 36 36 M1_4 85.3 98.3 36 36 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 09, 2013
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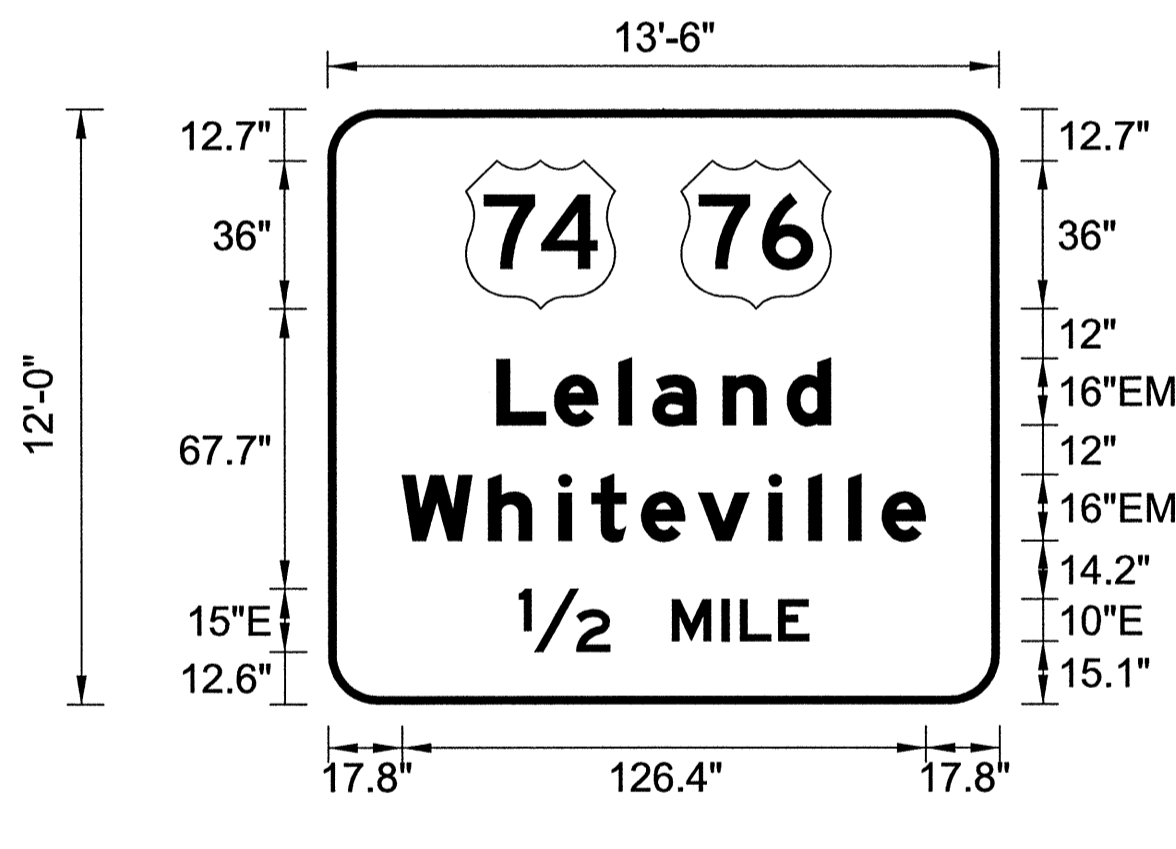
USE NOTES: 1,2,3,4
1. Legend and border shall be direct applied Grade A sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be on 0.032" (0.8mm) aluminum and demountable.
4. Shields shall be Grade B sheeting.

LETTER POSITIONS

Letter locations are panel edge to lower left corner											Series/Size
L	e	l	a	n	d	Text Length					
40.7	54.6	70.1	78.3	95.2	110.8	EM 2000 80.6					
17.8	38.6	55.6	63.6	75.6	89.3	EM 2000 126.4					
54.7	74.2	86.2	90.6	99.8	E 2000 52.6						

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 125B TYPE: A QUANTITY: 1 SIGN WIDTH: 13'-6" HEIGHT: 12'-0" TOTAL AREA: 162.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 154.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_4 33.3 95.4 36 36 M1_4 85.3 95.4 36 36 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 09, 2013
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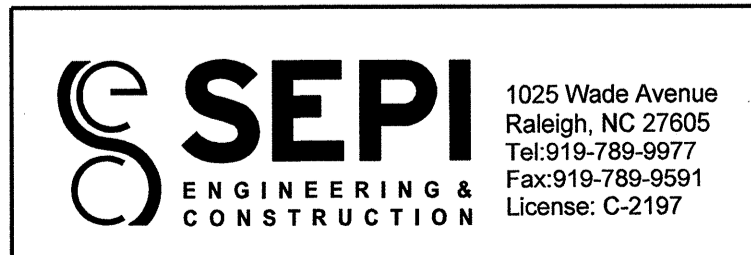


USE NOTES: 1,2,3,4
1. Legend and border shall be direct applied Grade A sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be on 0.032" (0.8mm) aluminum and demountable.
4. Shields shall be Grade B sheeting.

LETTER POSITIONS

Letter locations are panel edge to lower left corner											Series/Size
L	e	l	a	n	d	Text Length					
40.7	54.6	70.1	78.3	95.2	110.8	EM 2000 80.6					
17.8	38.6	55.6	63.6	75.6	89.3	EM 2000 126.4					
1/2	M	I	L	E	E 2000 70.1						
46	82.9	94.9	99.3	108.5							

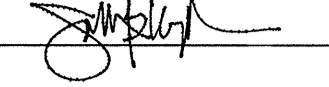
FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

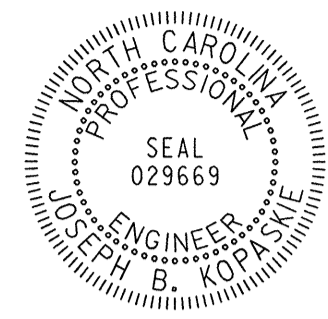


TYPE "A" & "B"
GROUND MOUNTED SIGN DESIGNS

5/14/13

5/14/09

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-41
APPROVED: 	
DATE: 5/3/13	



SIGN NUMBER: 126B TYPE: A QUANTITY: 1	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Jan 24, 2013
---	---	--	----------------------------------	--------------------

SYMBOL	X	Y	WID	HT
M1_4	33.3	113.6	36	36
M1_4	85.3	113.6	36	36
AR_Type A	67.2	18	22.3	35

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

NO. Z BARS: 4
LENGTH: 154.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3,4

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner											Series/Size
											Text Length
L	e	l	a	n	d						EM 2000
40.7	54.6	70.1	78.3	95.2	110.8						80.6
W	h	i	t	e	v	i	l	l	e		EM 2000
17.8	38.6	55.6	63.6	75.6	89.3	106.3	115.9	125.5	133.6		126.4

FILENAME: R-2633BA Sign Designs

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 129 TYPE: B QUANTITY: 1	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Apr 17, 2013
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SIGN WIDTH: 132"
HEIGHT: 54"
TOTAL AREA: 49.5 Sq. Feet

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.75"
RADII: 7"

NO. Z BARS: 2
LENGTH: 124.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES:

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner																Series/Size
																Text Length
L	e	l	a	n	d	7										EM 2000
10.25	17.21	24.97	29.05	37.53	45.29	15.27										111.5
I	-	4	0	1	7											EM 2000
10.25	13.21	16.49	25.85	11.27	15.27											111.5
J	a	c	k	s	o	n	v	i	l	l	e	6	3			EM 2000
10.25	18.33	26.09	33.85	40.73	47.77	55.69	63.29	71.77	76.57	81.37	85.45	107.59	15.27			111.5

FILENAME: R-2633BA Sign Designs

SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" & "B"
GROUND MOUNTED SIGN DESIGNS

5/14/99

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4J
APPROVED:	
DATE: 8/6/13	

SIGN NUMBER: 124A,125A,126A BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 3

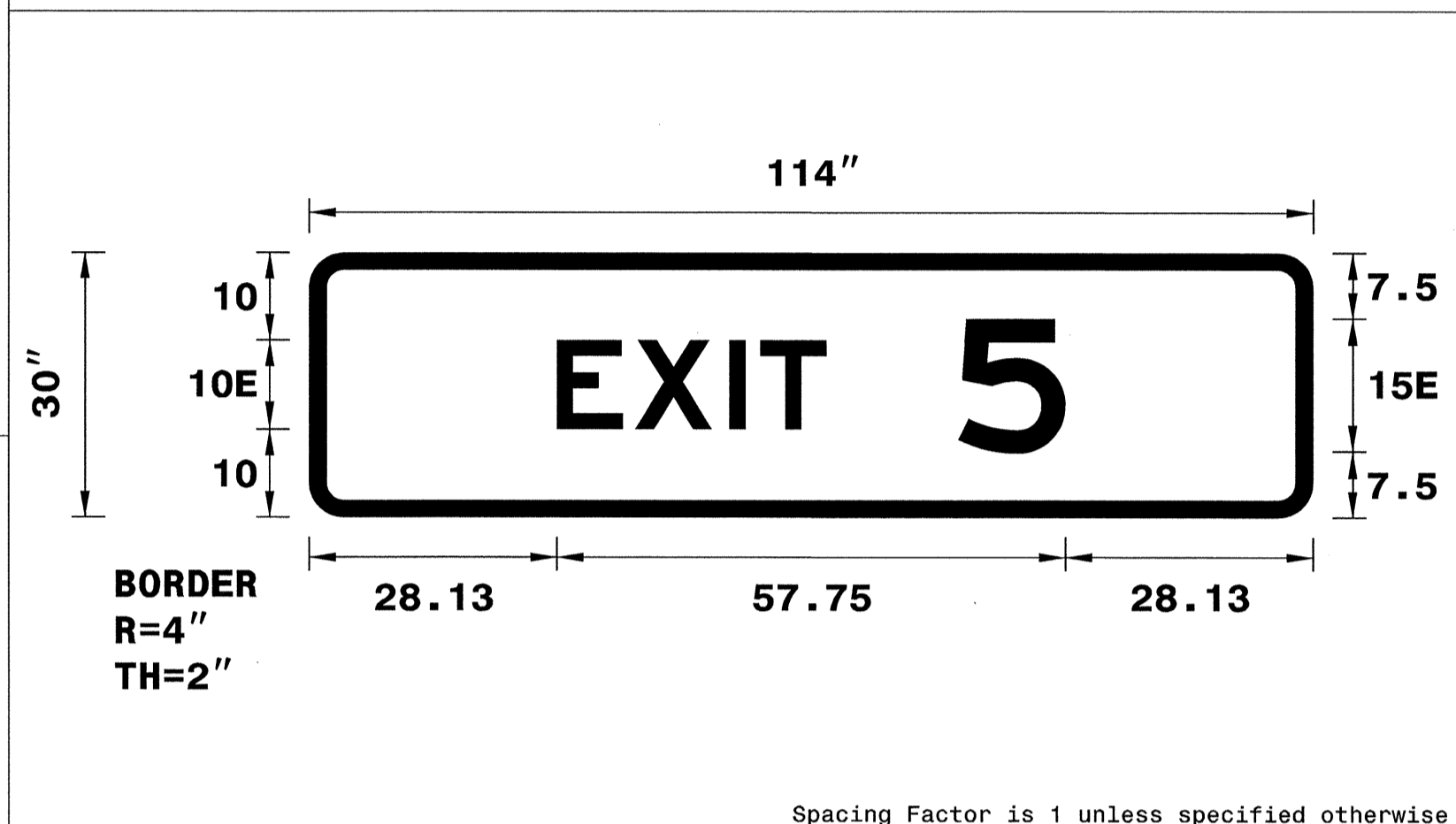
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 114"
 HEIGHT: 30"
 TOTAL AREA: 23.8 Sq.Feet

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 4"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 106.0

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE DATE: Mar 04, 2013
 PROJECT ID: R-2633BA DIV: 3



- USE NOTES: 1 & 2
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade A sheeting.
 - Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	5	Series/Size	Text Length
28.13	37.03	47.73	51.23	73.73	E 2000	57.75

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 115A,117A,118A BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 3

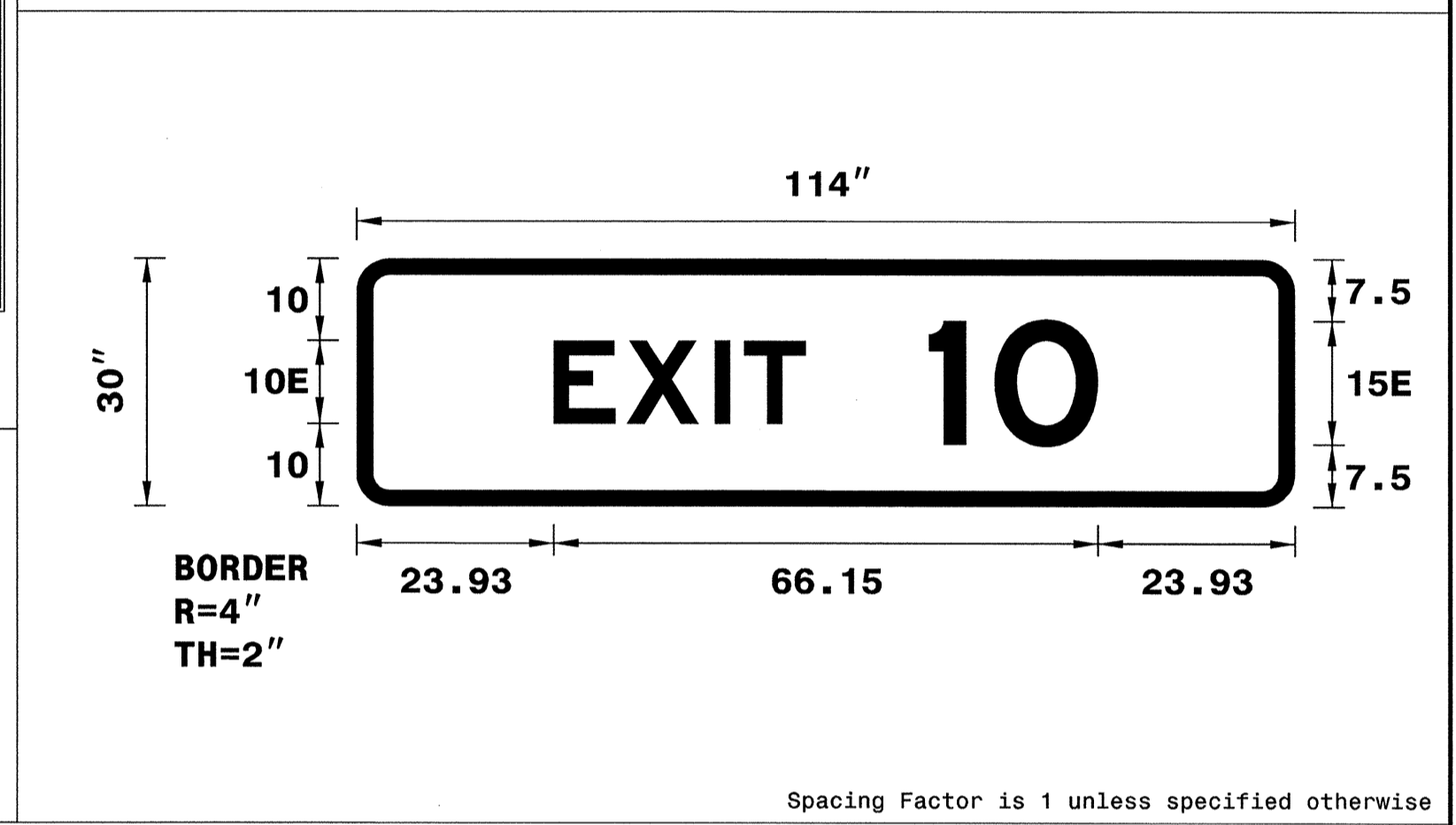
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 114"
 HEIGHT: 30"
 TOTAL AREA: 23.8 Sq.Feet

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 4"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 106.0

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE DATE: Mar 04, 2013
 PROJECT ID: R-2633BA DIV: 3



- USE NOTES: 1 & 2
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade A sheeting.
 - Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	1	0	Series/Size	Text Length
23.93	32.83	43.53	47.03	69.53	77.48	E 2000	66.15

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 112A,113A,114A,119A BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 6

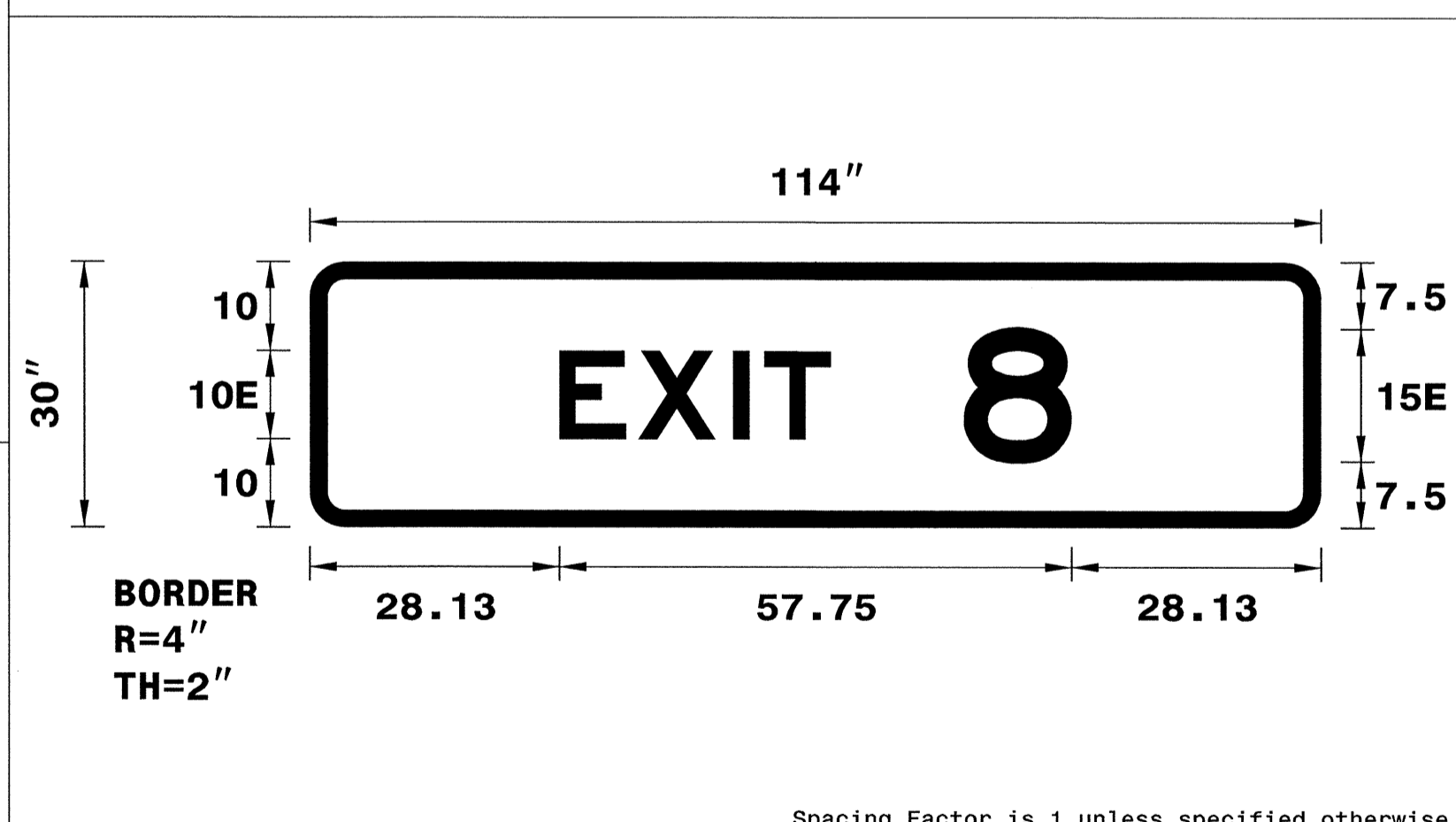
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 114"
 HEIGHT: 30"
 TOTAL AREA: 23.8 Sq.Feet

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 4"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 106.0

DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE DATE: Mar 04, 2013
 PROJECT ID: R-2633BA DIV: 3



- USE NOTES: 1 & 2
- Legend and border shall be direct applied Grade A sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be on 0.032" (0.8mm) aluminum and demountable.
 - Shields shall be Grade A sheeting.
 - Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

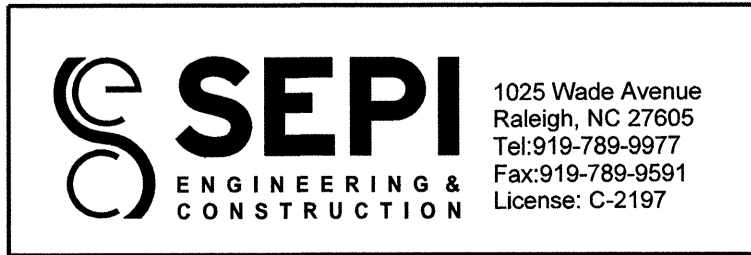
LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	8	Series/Size	Text Length
28.13	37.03	47.73	51.23	73.73	E 2000	57.75

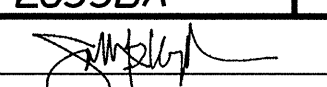
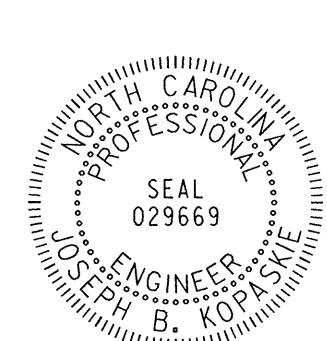
Spacing Factor is 1 unless specified otherwise

SEPI ENGINEERING & CONSTRUCTION



TYPE "B"
GROUND MOUNTED SIGN DESIGNS

5/14/09

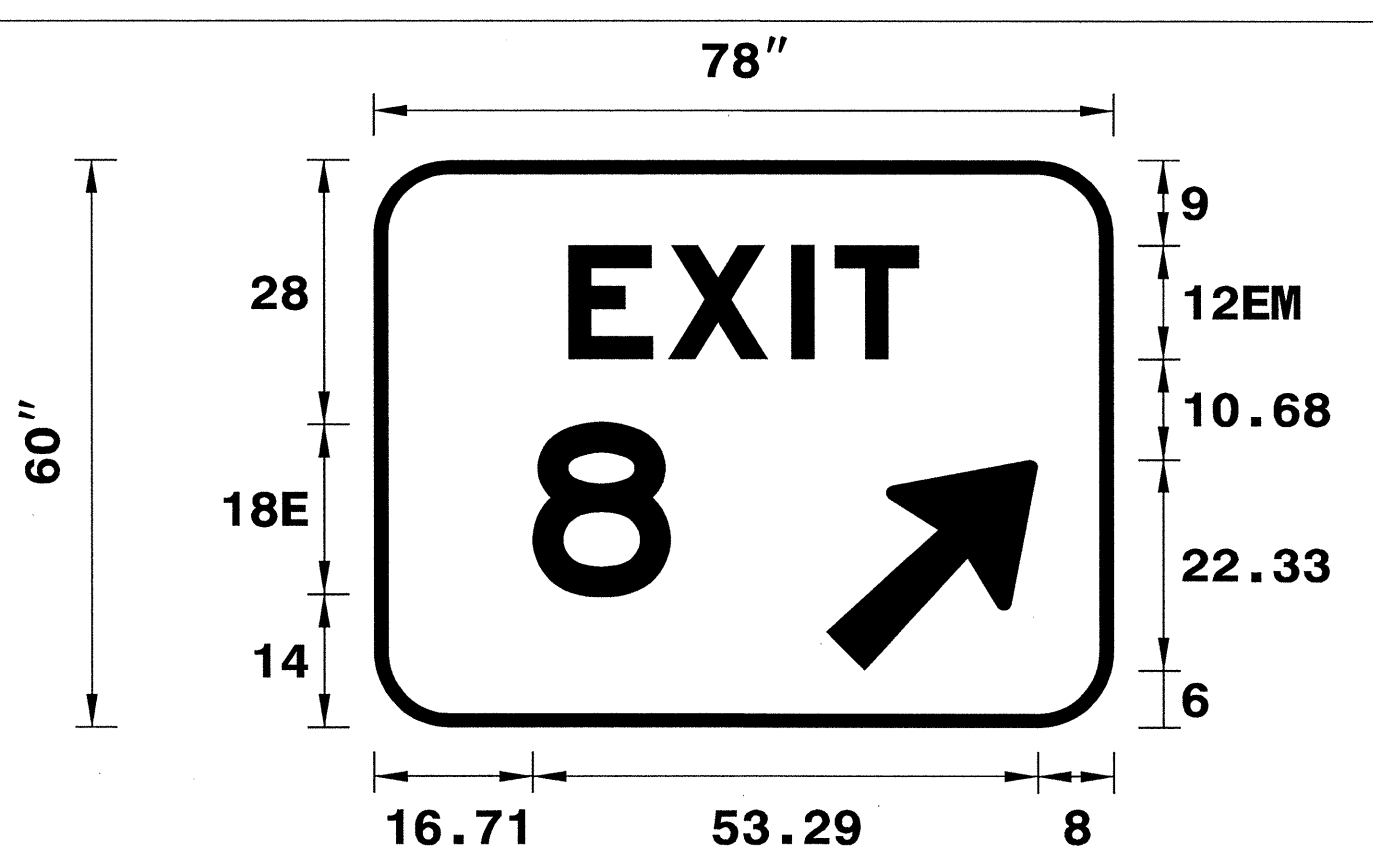
PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4K
APPROVED: 	
DATE: 8/6/13	
	

SIGN NUMBER: 203 & 205 TYPE: A QUANTITY: 2 SIGN WIDTH: 78" HEIGHT: 60" TOTAL AREA: 32.5 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 8" NO. Z BARS: 2 LENGTH: 70.0	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Mar 08, 2013
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SYMBOL	X	Y	WID	HT
AR_Type A	47.68	6	18	28.35

USE NOTES: 1 & 2

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	Series/Size	Text Length
20.52	31.08	44.04	48.6	EM 2000	36.96
8				E 2000	14.58
16.71					

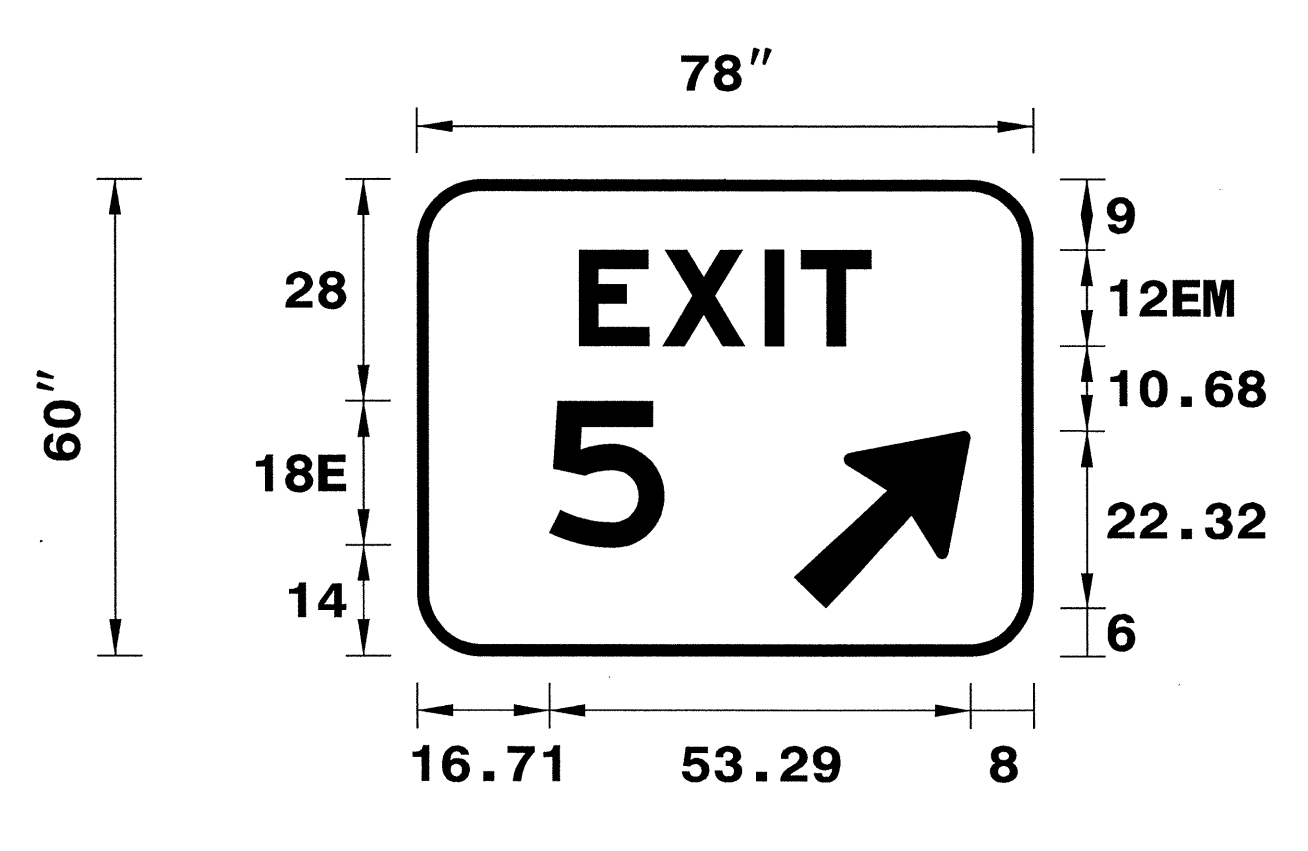
FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 206 TYPE: A QUANTITY: 1 SIGN WIDTH: 78" HEIGHT: 60" TOTAL AREA: 32.5 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 8" NO. Z BARS: 2 LENGTH: 70.0	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Mar 08, 2013
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SYMBOL	X	Y	WID	HT
AR_Type A	47.68	6	18	28.35

USE NOTES: 1 & 2

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	Series/Size	Text Length
20.52	31.08	44.04	48.6	EM 2000	36.96
5				E 2000	14.58
16.71					

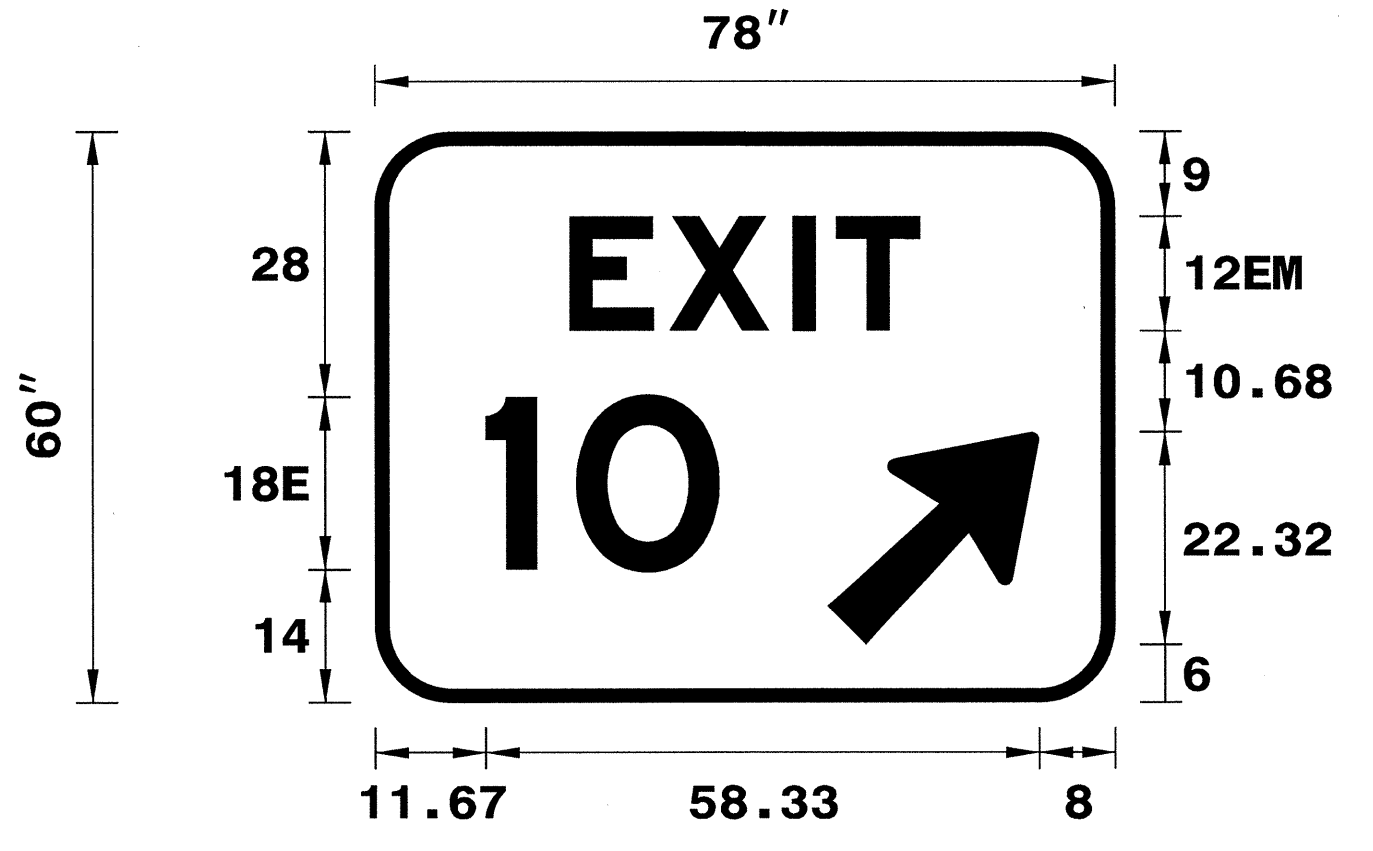
FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 204 TYPE: A QUANTITY: 1 SIGN WIDTH: 78" HEIGHT: 60" TOTAL AREA: 32.5 Sq.Feet BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 8" NO. Z BARS: 2 LENGTH: 70.0	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R DRAYTON PROJECT ID: R-2633BA	CHECKED BY: J KOPASKIE DIV: 3	DATE: Mar 08, 2013
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SYMBOL	X	Y	WID	HT
AR_Type A	47.68	6	18	28.35

USE NOTES: 1 & 2

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:



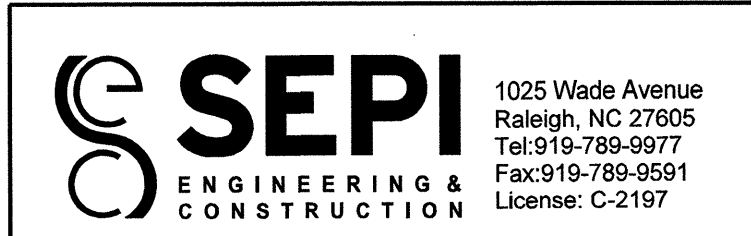
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

E	X	I	T	Series/Size	Text Length
20.52	31.08	44.04	48.6	EM 2000	36.96
10				E 2000	24.66
11.67	21.21				

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "A" GROUND MOUNTED SIGN DESIGNS

5/14/09
 1025 WADDE AVENUE
 RALEIGH, NC 27605
 TEL: 919-789-9977
 FAX: 919-789-9591
 LICENSE: C-2197

5/14/09

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4L
APPROVED:	
DATE: 5/3/13	

<p>SIGN NUMBER: 701 & 702 BACKG COLOR: Green TYPE: OVERLAY COPY COLOR: White QUANTITY: 2</p> <p>SIGN WIDTH: 73" HEIGHT: 11" TOTAL AREA: 5.6 Sq.Ft.</p> <p>BORDER TYPE: USE SQUARE CORNERS RECESS: 0" WIDTH: 0" RADII: 0"</p> <p>MAT'L: 0.0630" (1.6 mm) ALUMINUM</p>	<p>DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE PROJECT ID: R-2633BA DIV: 3 DATE: Jan 28, 2013</p>
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USE NOTES: 1 & 2.

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

	B	U	S	I	N	E	S	S			Series/Size Text Length
	3	13.1	23.2	33.3	37.7	48.4	57.3	66.8			E 2000 71.9

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

<p>SIGN NUMBER: 703 BACKG COLOR: Red/Blue TYPE: SHIELD OVERLAY COPY COLOR: White QUANTITY: 1</p> <p>SIGN WIDTH: 45" HEIGHT: 36" TOTAL AREA: 11.3 Sq.Feet</p>	<table border="1"> <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>0</td> <td>0</td> <td>45</td> <td>36</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	M1_1	0	0	45	36	<p>DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE PROJECT ID: R-2633BA DIV: 3 DATE: Mar 08, 2013</p>
SYMBOL	X	Y	WID	HT								
M1_1	0	0	45	36								

USE NOTES: 3 & 4.

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade A sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

<p>SIGN NUMBER: 704 BACKG COLOR: Green TYPE: OVERLAY COPY COLOR: White QUANTITY: 1</p> <p>SIGN WIDTH: 5'-1" HEIGHT: 1'-4" TOTAL AREA: 6.8 Sq.Ft.</p> <p>BORDER TYPE: USE SQUARE CORNERS RECESS: 0" WIDTH: 0" RADII: 0"</p> <p>MAT'L: 0.0630" (1.6 mm) ALUMINUM</p>	<p>DESIGN BY: R DRAYTON CHECKED BY: J KOPASKIE PROJECT ID: R-2633BA DIV: 3 DATE: Jan 29, 2013</p>
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USE NOTES: 1 & 2.

- Legend and border shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be on 0.032" (0.8mm) aluminum and demountable.
- Shields shall be Grade B sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

	S	O	U	T	H						Series/Size Text Length
	0.5	14.9	27.8	39.5	50.6						E 2000 59.8

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

5/14/09

1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977
 Fax: 919-789-9591
 License: C-2197

OVERLAYS

5/14/09

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4M
APPROVED:	
DATE: 5/3/13	

<p>SIGN NUMBER: 705 TYPE: OVERLAY QUANTITY: 1</p> <p>SIGN WIDTH: 73" HEIGHT: 11" TOTAL AREA: 5.6 Sq.Ft.</p> <p>BORDER TYPE: USE SQUARE CORNERS RECESS: 0" WIDTH: 0" RADII: 0"</p> <p>MAT'L: 0.0630" (1.6 mm) ALUMINUM</p>	<p>BACKG COLOR: Red/Blue COPY COLOR: White</p>	<p>DESIGN BY: R DRAYTON PROJECT ID: R-2633BA</p> <p>CHECKED BY: J KOPASKIE DIV: 3</p> <p>DATE: Jan 29, 2013</p>
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Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

B	U	S	I	N	E	S	S	Series/Size	Text Length
0.5	10.6	20.7	30.8	35.2	45.9	54.8	64.3	E 2000	71.9

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

<p>SIGN NUMBER: 706 TYPE: OVERLAY QUANTITY: 1</p> <p>SIGN WIDTH: 73" HEIGHT: 11" TOTAL AREA: 5.6 Sq.Ft.</p> <p>BORDER TYPE: USE SQUARE CORNERS RECESS: 0" WIDTH: 0" RADII: 0"</p> <p>MAT'L: 0.0630" (1.6 mm) ALUMINUM</p>	<p>BACKG COLOR: Green COPY COLOR: White</p>	<p>DESIGN BY: R DRAYTON PROJECT ID: R-2633BA</p> <p>CHECKED BY: J KOPASKIE DIV: 3</p> <p>DATE: Jan 29, 2013</p>
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Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

B	U	S	I	N	E	S	S	Series/Size	Text Length
0.5	10.6	20.7	30.8	35.2	45.9	54.8	64.3	E 2000	71.9

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

<p>SIGN NUMBER: 707 TYPE: OVERLAY QUANTITY: 1</p> <p>SIGN WIDTH: 73" HEIGHT: 11" TOTAL AREA: 5.6 Sq.Ft.</p> <p>BORDER TYPE: USE SQUARE CORNERS RECESS: 0" WIDTH: 0" RADII: 0"</p> <p>MAT'L: 0.0630" (1.6 mm) ALUMINUM</p>	<p>BACKG COLOR: Green COPY COLOR: White</p>	<p>DESIGN BY: R DRAYTON PROJECT ID: R-2633BA</p> <p>CHECKED BY: J KOPASKIE DIV: 3</p> <p>DATE: Jan 29, 2013</p>
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Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

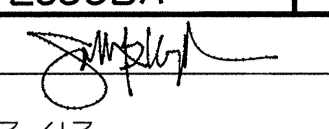
B	U	S	I	N	E	S	S	Series/Size	Text Length
0.5	10.6	20.7	30.8	35.2	45.9	54.8	64.3	E 2000	71.9


FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

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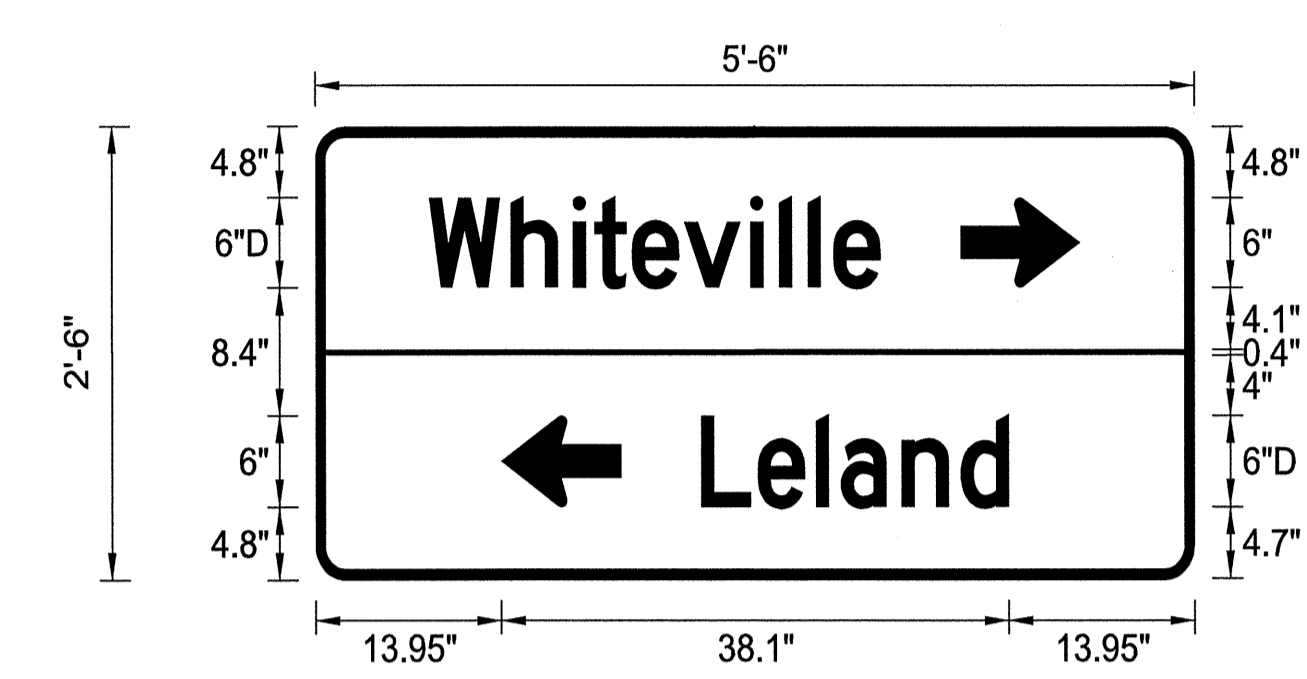
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

OVERLAYS

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4N
APPROVED: 	
DATE: 5/3/13	



SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 2'-6" TOTAL AREA: 13.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 2.25" NO. Z BARS: 0 LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>48.4</td><td>19.2</td><td>6</td><td>9</td></tr> <tr><td>AR_Type D</td><td>13.9</td><td>4.8</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	48.4	19.2	6	9	AR_Type D	13.9	4.8	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 11, 2013
SYMBOL	X	Y	WID	HT													
AR_Type D	48.4	19.2	6	9													
AR_Type D	13.9	4.8	6	9													

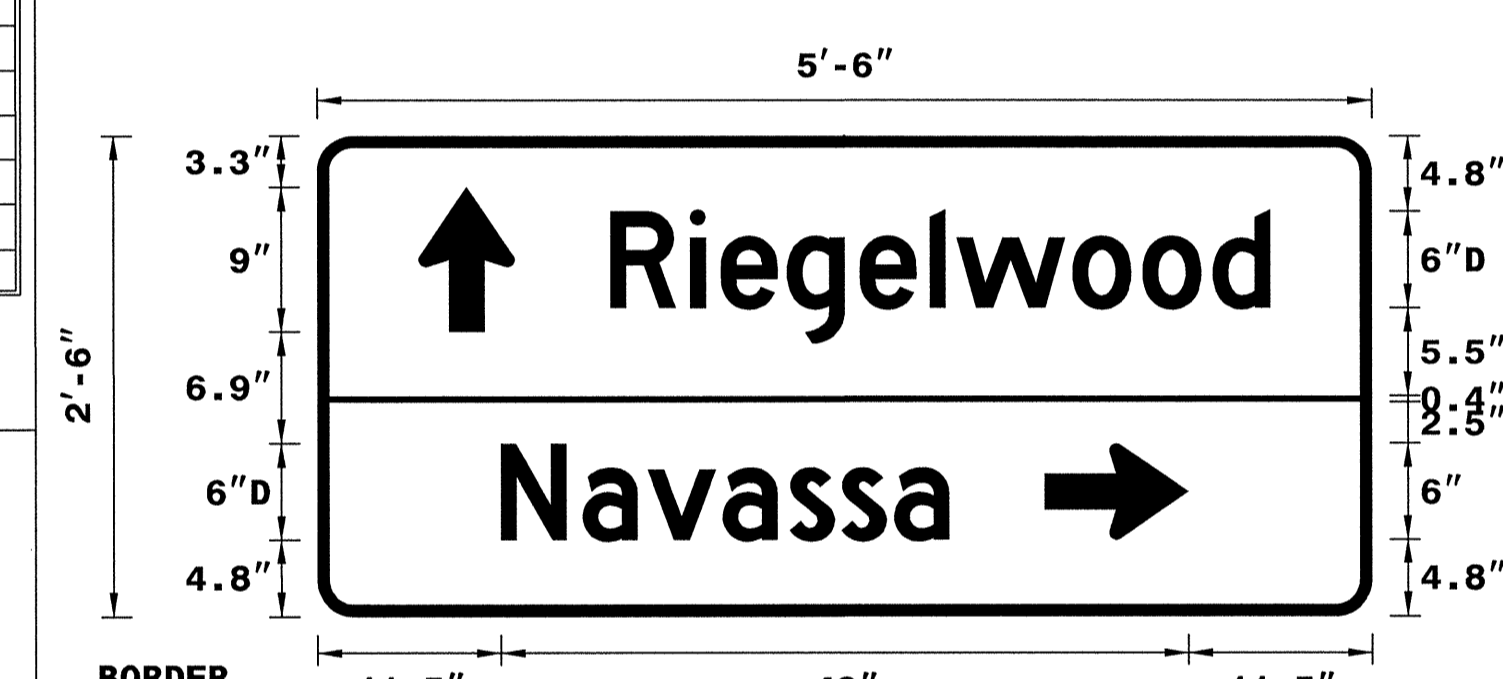


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS											
Letter locations are panel edge to lower left corner											
W	h	i	t	e	v	i	l	l	e		Series/Size
8.5	14.7	19.3	21	23.8	27.7	32.7	34.8	37	38.9		Text Length
											D 2000
											33.9
L	e	l	a	n	d						D 2000
29	33.2	37.6	39.5	44	48.5						23.1

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 303 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 2'-6" TOTAL AREA: 13.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 2.25" NO. Z BARS: 0 LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>6.4</td><td>17.7</td><td>6</td><td>9</td></tr> <tr><td>AR_Type D</td><td>45.5</td><td>4.8</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	6.4	17.7	6	9	AR_Type D	45.5	4.8	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 31, 2013
SYMBOL	X	Y	WID	HT													
AR_Type D	6.4	17.7	6	9													
AR_Type D	45.5	4.8	6	9													

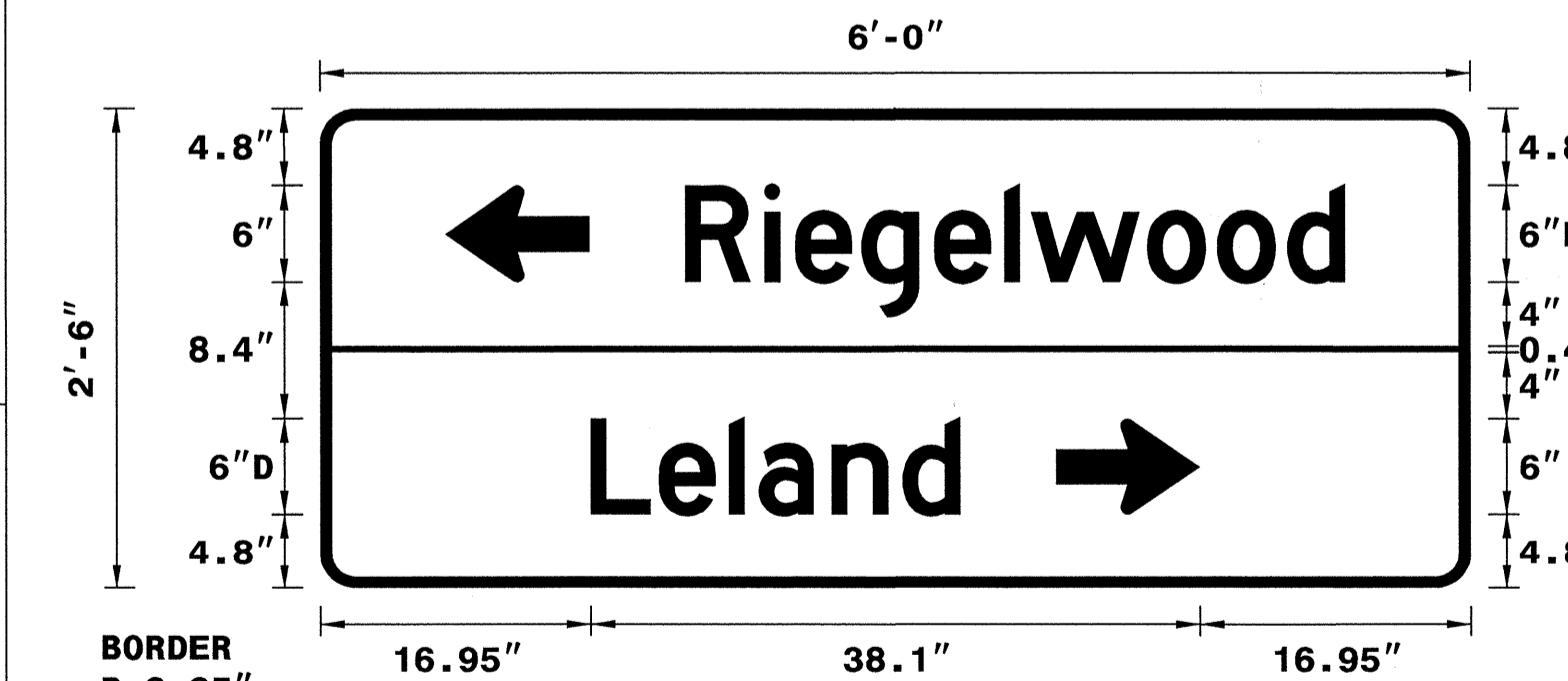


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS											
Letter locations are panel edge to lower left corner											
R	i	e	g	e	l	w	o	o	d		Series/Size
18.4	23.3	25.3	29.4	34	38.3	40	47.3	51.7	56		Text Length
											D 2000
											41.3
N	a	v	a	s	s	a					D 2000
11.5	16.6	20.7	25.3	29.5	32.8	36.1					28

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 302 & 306 TYPE: D QUANTITY: 2 SIGN WIDTH: 6'-0" HEIGHT: 2'-6" TOTAL AREA: 15.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 2.25" NO. Z BARS: 0 LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>7.9</td><td>19.2</td><td>6</td><td>9</td></tr> <tr><td>AR_Type D</td><td>46.1</td><td>4.8</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	7.9	19.2	6	9	AR_Type D	46.1	4.8	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 31, 2013
SYMBOL	X	Y	WID	HT													
AR_Type D	7.9	19.2	6	9													
AR_Type D	46.1	4.8	6	9													



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS											
Letter locations are panel edge to lower left corner											
R	i	e	g	e	l	w	o	o	d		Series/Size
22.9	27.8	29.8	33.9	38.5	42.8	44.5	51.8	56.2	60.5		Text Length
											D 2000
											41.3
L	e	l	a	n	d						D 2000
16.9	21.2	25.6	27.4	32	36.4						23.1

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "D" SIGN DESIGNS

SIGN NUMBER: 304 **BACKG COLOR: Green**
TYPE: D **COPY COLOR: White**
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	6.4	17.7	6	9
AR_Type D	8.6	4.8	6	9

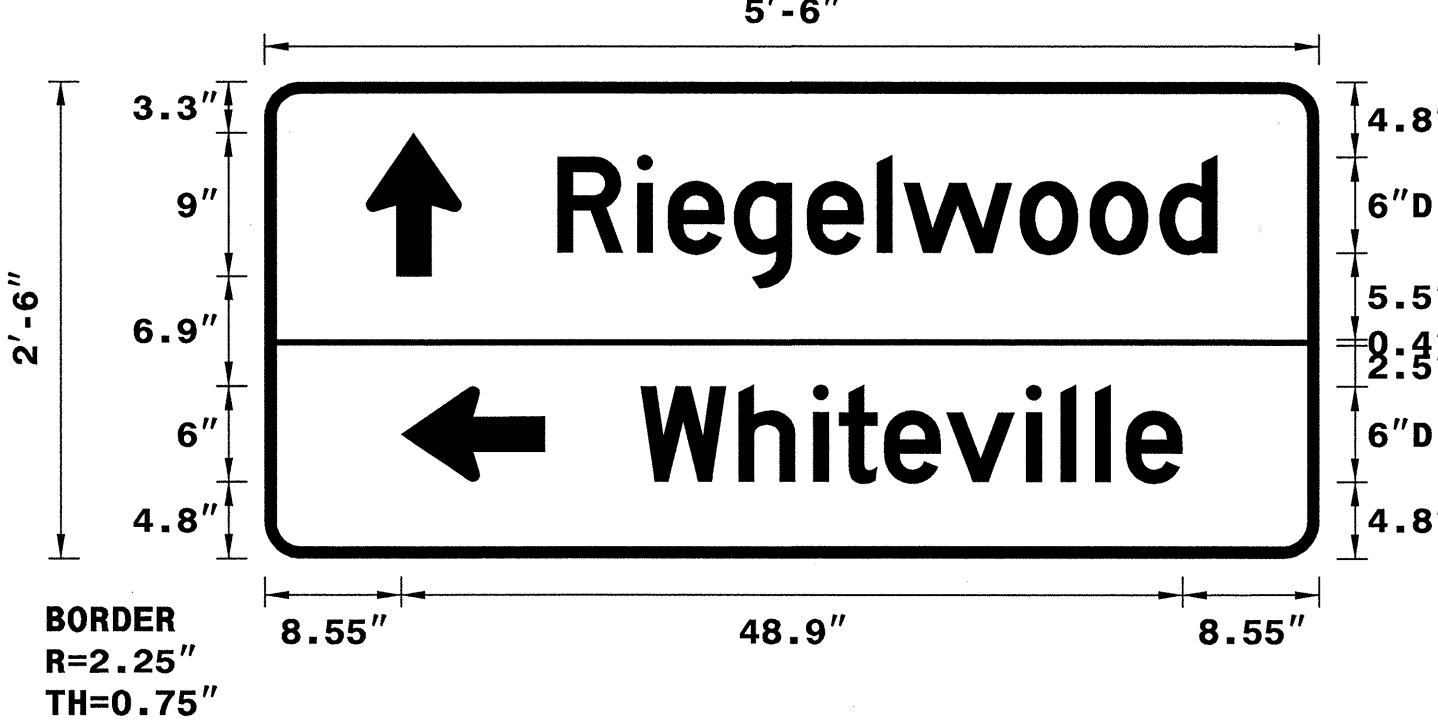
SIGN WIDTH: 5'-6"
HEIGHT: 2'-6"
TOTAL AREA: 13.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. Drayton **CHECKED BY: J KOPASKIE**
PROJECT ID: R-2633BA **DIV: 3** **DATE: Jan 31, 2013**



BORDER
R=2.25"
TH=0.75"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	R	i	e	g	e	l	w	o	o	d	Series/Size	Text Length
	18.4	23.3	25.3	29.4	34	38.3	40	47.3	51.7	56	D 2000	41.3
	23.6	29.7	34.4	36	38.8	42.7	47.7	49.8	52	53.9	D 2000	33.9

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

SIGN NUMBER: 307 **BACKG COLOR: Green**
TYPE: D **COPY COLOR: White**
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	9.4	17.7	6	9
AR_Type D	5.5	4.8	6	9

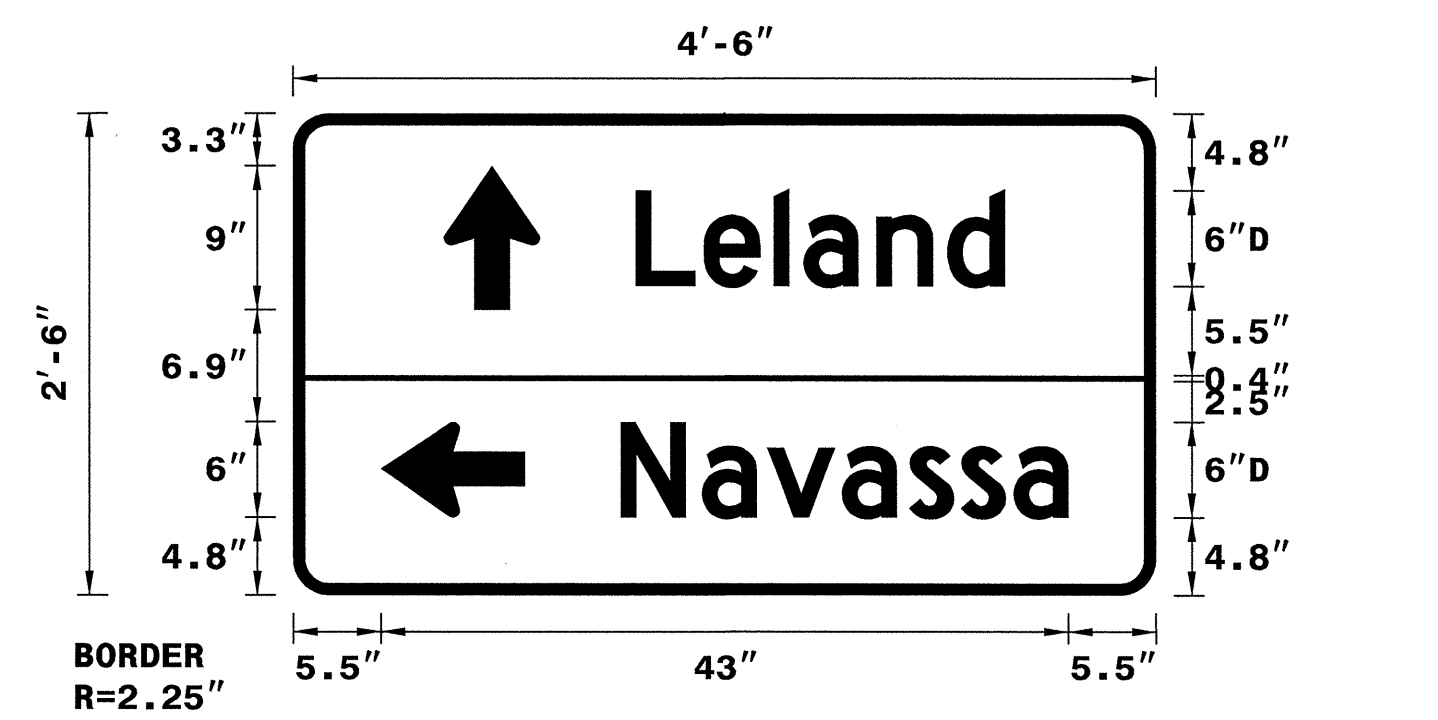
SIGN WIDTH: 4'-6"
HEIGHT: 2'-6"
TOTAL AREA: 11.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. Drayton **CHECKED BY: J KOPASKIE**
PROJECT ID: R-2633BA **DIV: 3** **DATE: Jan 31, 2013**



BORDER
R=2.25"
TH=0.75"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	L	e	l	a	n	d	Series/Size	Text Length
	21.5	25.7	30.1	32	36.5	41	D 2000	23.1
	20.5	25.6	29.7	34.4	38.6	41.8	D 2000	28

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

SIGN NUMBER: 305 **BACKG COLOR: Green**
TYPE: D **COPY COLOR: White**
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	12.5	17.7	6	9
AR_Type D	45.5	4.8	6	9

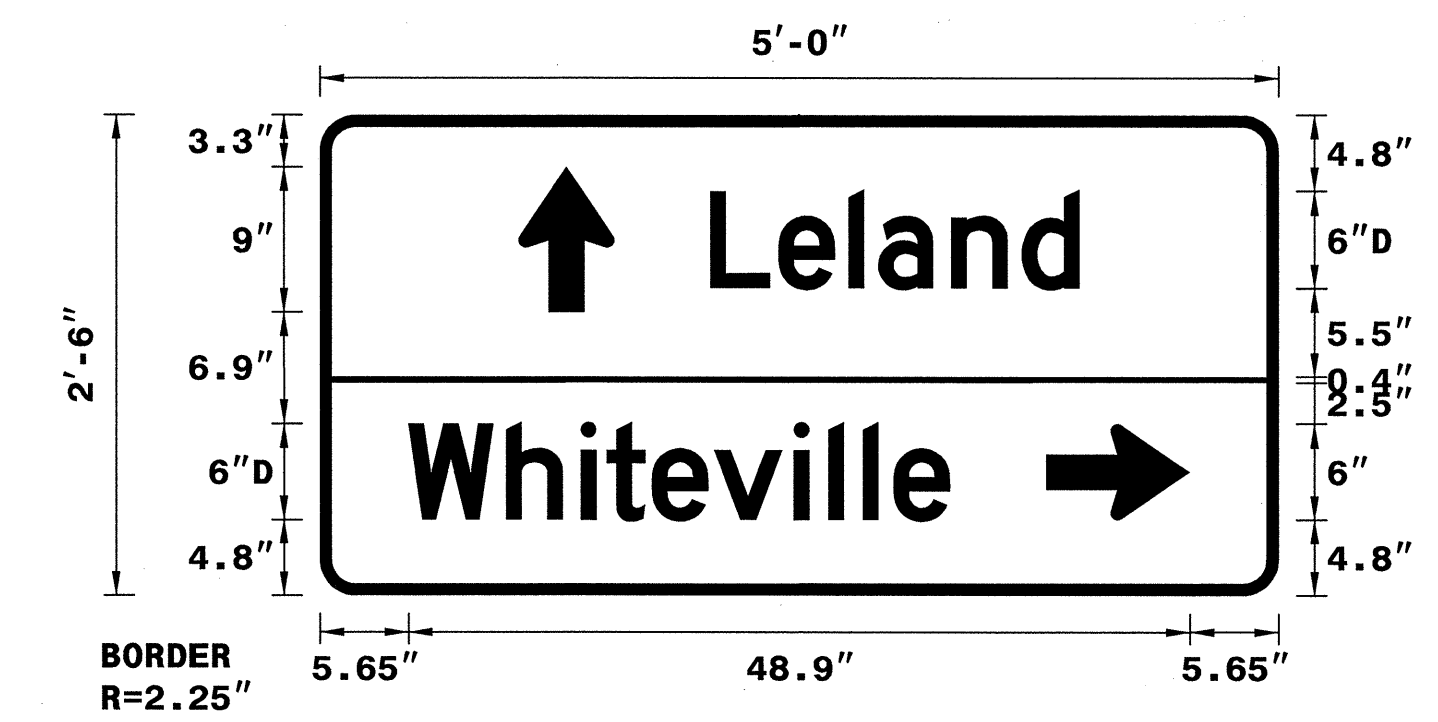
SIGN WIDTH: 5'-0"
HEIGHT: 2'-6"
TOTAL AREA: 12.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. Drayton **CHECKED BY: J KOPASKIE**
PROJECT ID: R-2633BA **DIV: 3** **DATE: Jan 31, 2013**



BORDER
R=2.25"
TH=0.75"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	L	e	l	a	n	d	Series/Size	Text Length
	24.5	28.7	33.1	35	39.5	44	D 2000	23.1
	5.5	11.7	16.3	18	20.8	24.7	D 2000	33.9

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

SIGN NUMBER: 308 **BACKG COLOR: Green**
TYPE: D **COPY COLOR: White**
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	39.5	6	6	9

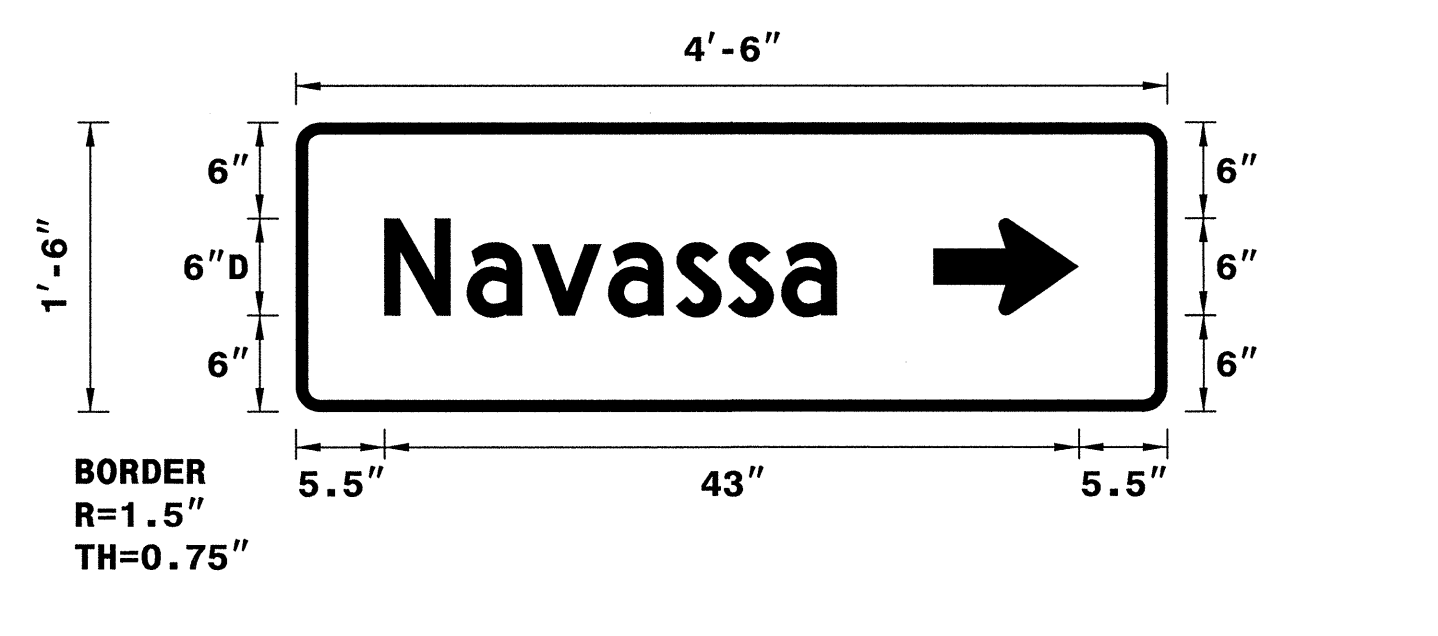
SIGN WIDTH: 4'-6"
HEIGHT: 1'-6"
TOTAL AREA: 6.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 1.5"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON **CHECKED BY: J KOPASKIE**
PROJECT ID: R-2633BA **DIV: 3** **DATE: Jan 31, 2013**



BORDER
R=1.5"
TH=0.75"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	N	a	v	a	s	s	a	Series/Size	Text Length
	5.5	10.6	14.7	19.3	23.5	26.8	30.1	D 2000	28

FILENAME: R-2633BA Sign Designs **SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL**

5/14/09

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4P
APPROVED:	
DATE: 5/3/13	

SIGN NUMBER: 309 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 1'-6" TOTAL AREA: 8.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>51.2</td><td>6</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	51.2	6	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 31, 2013
SYMBOL	X	Y	WID	HT								
AR_Type D	51.2	6	6	9								

Panel Style: guide_con_distance.ssi
M.U.T.C.D.: 2009 Edition

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

LETTER POSITIONS

Letter locations are panel edge to lower left corner													Series/Size
W	i	l	m	i	n	g	t	o	n				D 2000
5.8	11.9	14.1	16.3	23.3	25.5	29.9	34.2	37	41.6				39.4

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 310 TYPE: D QUANTITY: 1 SIGN WIDTH: 4'-6" HEIGHT: 1'-6" TOTAL AREA: 6.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>37.1</td><td>6</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	37.1	6	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 31, 2013
SYMBOL	X	Y	WID	HT								
AR_Type D	37.1	6	6	9								

Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

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

LETTER POSITIONS

Letter locations are panel edge to lower left corner								Series/Size
L	e	l	a	n	d			D 2000
8	12.2	16.6	18.5	23	27.5			23.1

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 313 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 2'-6" TOTAL AREA: 13.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 2.25" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>AR_Type D</td><td>13</td><td>17.7</td><td>6</td><td>9</td></tr> <tr><td>AR_Type D</td><td>5.8</td><td>4.8</td><td>6</td><td>9</td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	13	17.7	6	9	AR_Type D	5.8	4.8	6	9	DESIGN BY: R. Drayton PROJECT ID: R-2633BA CHECKED BY: J KOPASKIE DIV: 3 DATE: Jan 31, 2013
SYMBOL	X	Y	WID	HT													
AR_Type D	13	17.7	6	9													
AR_Type D	5.8	4.8	6	9													

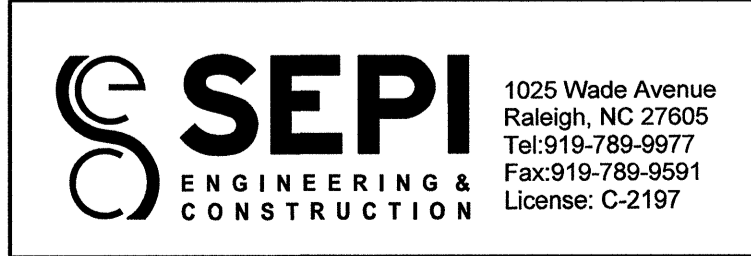
Panel Style: guide_con_street.ssi
M.U.T.C.D.: 2009 Edition

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

LETTER POSITIONS

Letter locations are panel edge to lower left corner													Series/Size
N	a	v	a	s	s	a							D 2000
25	30.1	34.2	38.9	43.1	46.3	49.6							28
W	i	l	m	i	n	g	t	o	n				D 2000
20.8	26.9	29.1	31.3	38.3	40.5	44.9	49.2	52	56.6				39.4

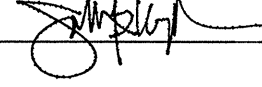
FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

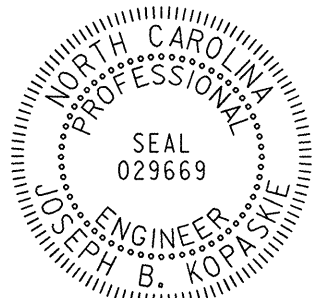


TYPE "D" SIGN DESIGNS

5/14/99

PROJECT REFERENCE NO. **R-2633BA** SHEET NO. **SIGN-40**

APPROVED: 
DATE: **5/3/13**



SIGN NUMBER: 312 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 1

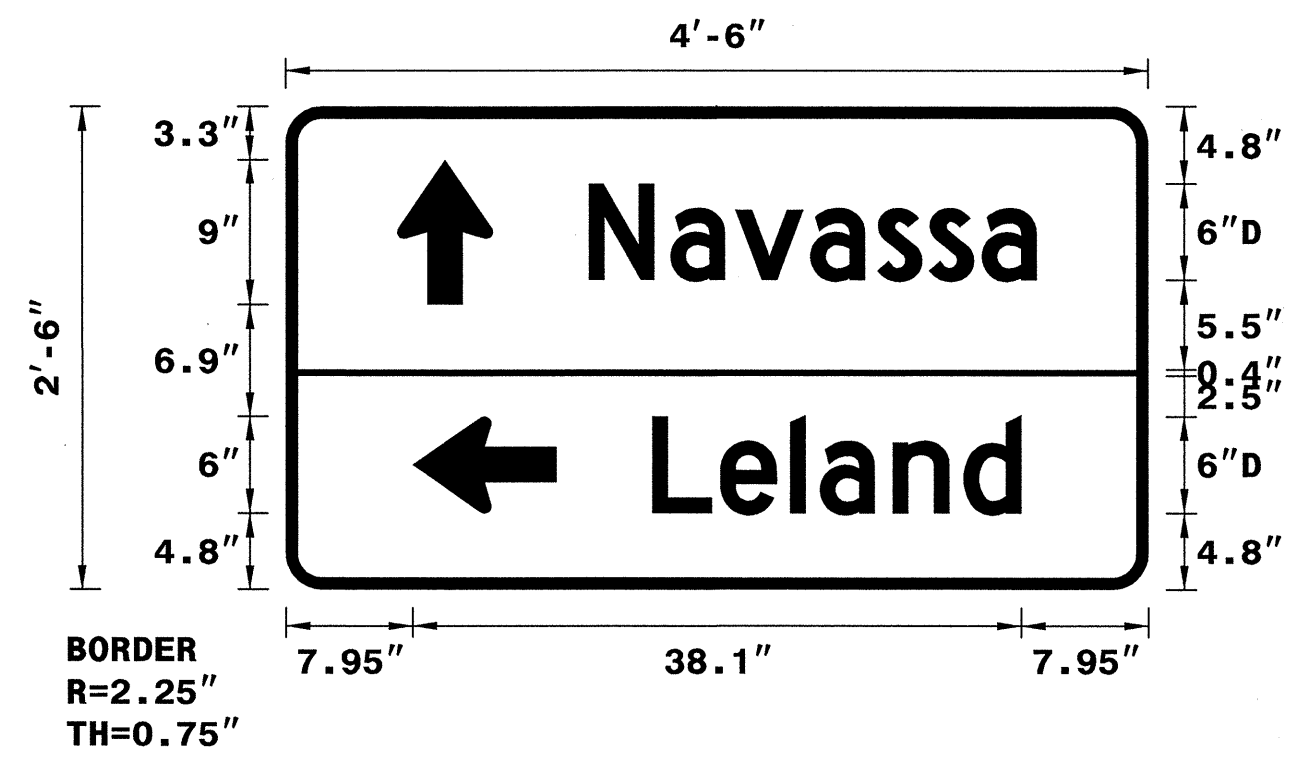
SYMBOL	X	Y	WID	HT
AR_Type D	7	17.7	6	9
AR_Type D	7.9	4.8	6	9

SIGN WIDTH: 4'-6"
HEIGHT: 2'-6"
TOTAL AREA: 11.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

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

DESIGN BY: R. Drayton CHECKED BY: J KOPASKIE
PROJECT ID: R-2633BA DIV: 3 DATE: Jan 31, 2013



Panel Style: **guide_con_street.ssi**
M.U.T.C.D.: 2009 Edition Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner										Series/Size
	N	a	v	a	s	s	a			Text Length
	19	24.1	28.2	32.9	37.1	40.3	43.6			D 2000
										28
	L	e	l	a	n	d				D 2000
	23	27.2	31.6	33.5	38	42.5				23.1

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL

SIGN NUMBER: 311 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 1

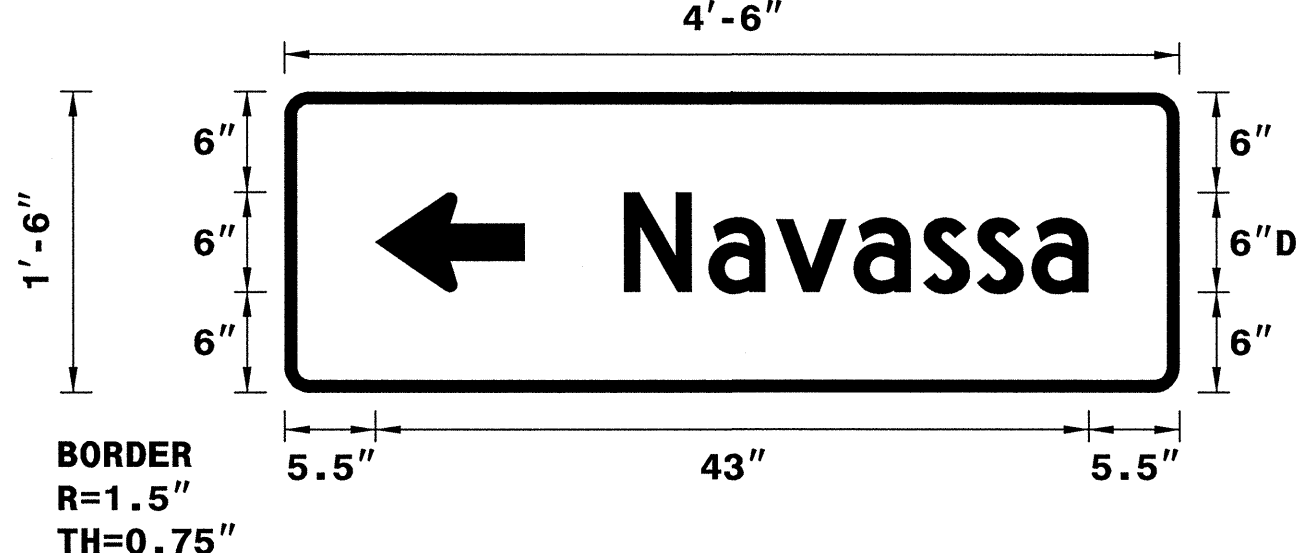
SYMBOL	X	Y	WID	HT
AR_Type D	5.5	6	6	9

SIGN WIDTH: 4'-6"
HEIGHT: 1'-6"
TOTAL AREA: 6.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 1.5"

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

DESIGN BY: R. Drayton CHECKED BY: J KOPASKIE
PROJECT ID: R-2633BA DIV: 3 DATE: Jan 31, 2013

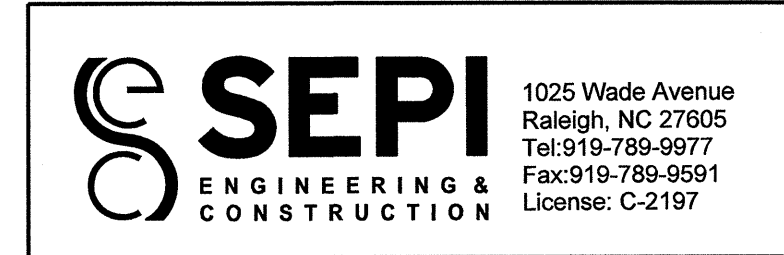


Panel Style: **guide_con_destination.ssi**
M.U.T.C.D.: 2009 Edition Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner										Series/Size
	N	a	v	a	s	s	a			Text Length
	20.5	25.6	29.7	34.4	38.6	41.8	45.1			D 2000
										28

FILENAME: R-2633BA Sign Designs SEPI ENGINEERING & CONSTRUCTION SIGN DETAIL



TYPE "D" SIGN DESIGNS

5/14/99

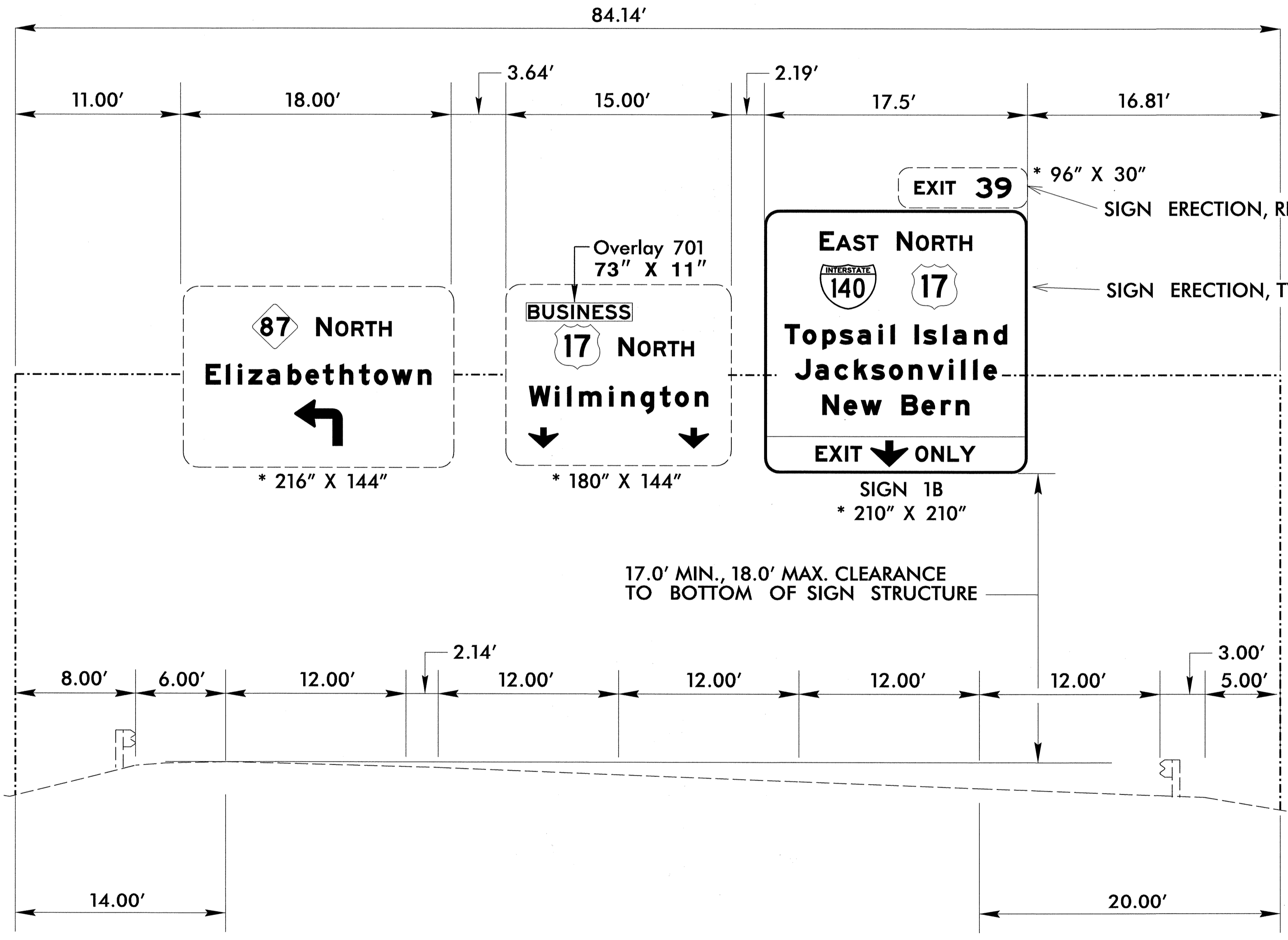
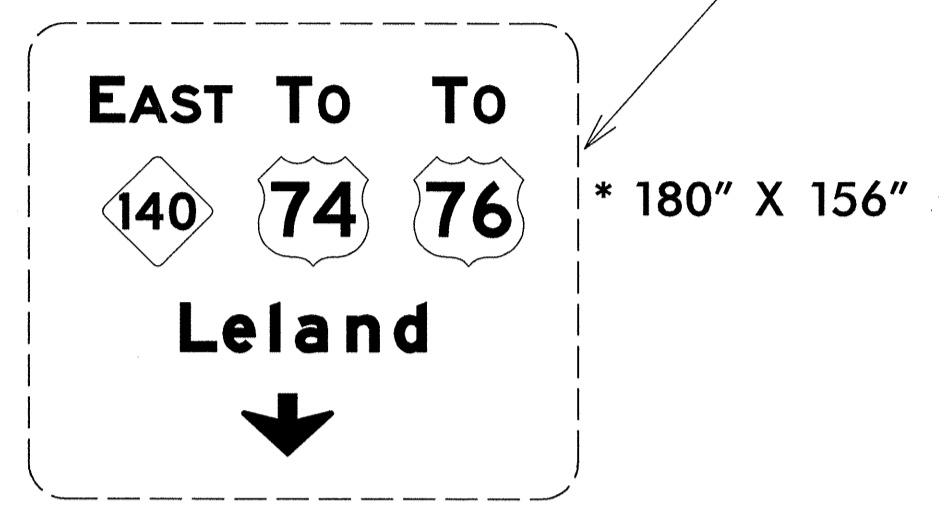
* THESE DIMENSIONS WERE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTING. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

PROJECT REFERENCE NO. R-2633BA SHEET NO. SIGN-4R

APPROVED: [Signature] DATE: 5/3/13



DISPOSAL OF SIGN, A OR B (OVERHEAD)



SIGN ERECTION, RELOCATE SIGN TYPE B (OVERHEAD)

SIGN ERECTION, TYPE A (OVERHEAD)

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE WHILE ACQUIRING THE 17' MIN. CLEARANCE TO BOTTOM OF LIGHT FIXTURE SUPPORT
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

SEPI ENGINEERING & CONSTRUCTION
 1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977
 Fax: 919-789-8591
 License: C-2197

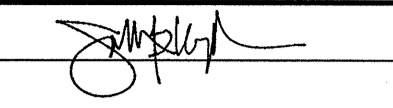
EXISTING OVERHEAD SIGN ASSEMBLY "A" AT YIREV STA. 35+50 US-17/NC-87 NB


SCALE: NTS		REVISIONS
DATE: SDATES		
DWG. BY: _____		
DESIGN BY: _____		
REVIEWED BY: _____		

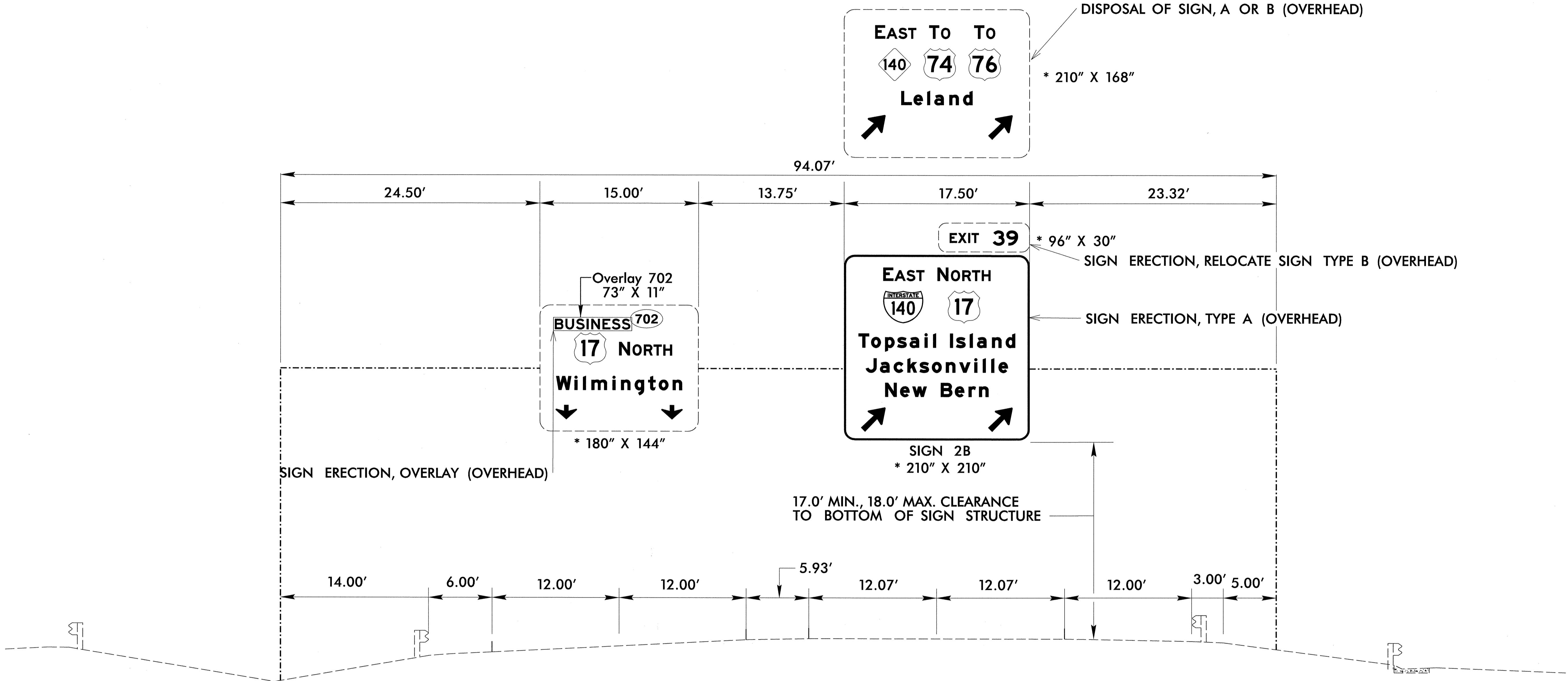
5/14/99

5/14/99

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

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-45
APPROVED: 	
DATE: 5/3/13	





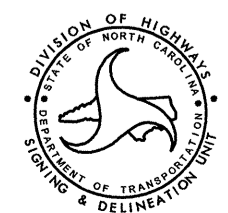
NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE WHILE ACQUIRING THE 17' MIN. CLEARANCE TO BOTTOM OF LIGHT FIXTURE SUPPORT
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

SEPI
ENGINEERING & CONSTRUCTION

1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

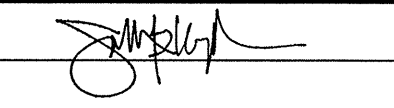
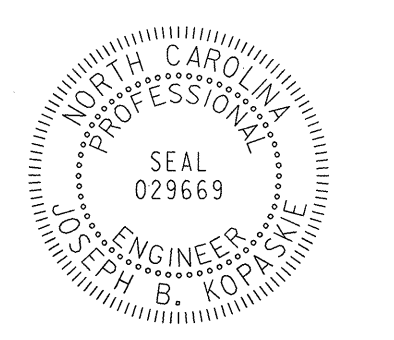
EXISTING OVERHEAD SIGN ASSEMBLY "B" AT YIREV STA. 54+60 US-17/NC-87 NB

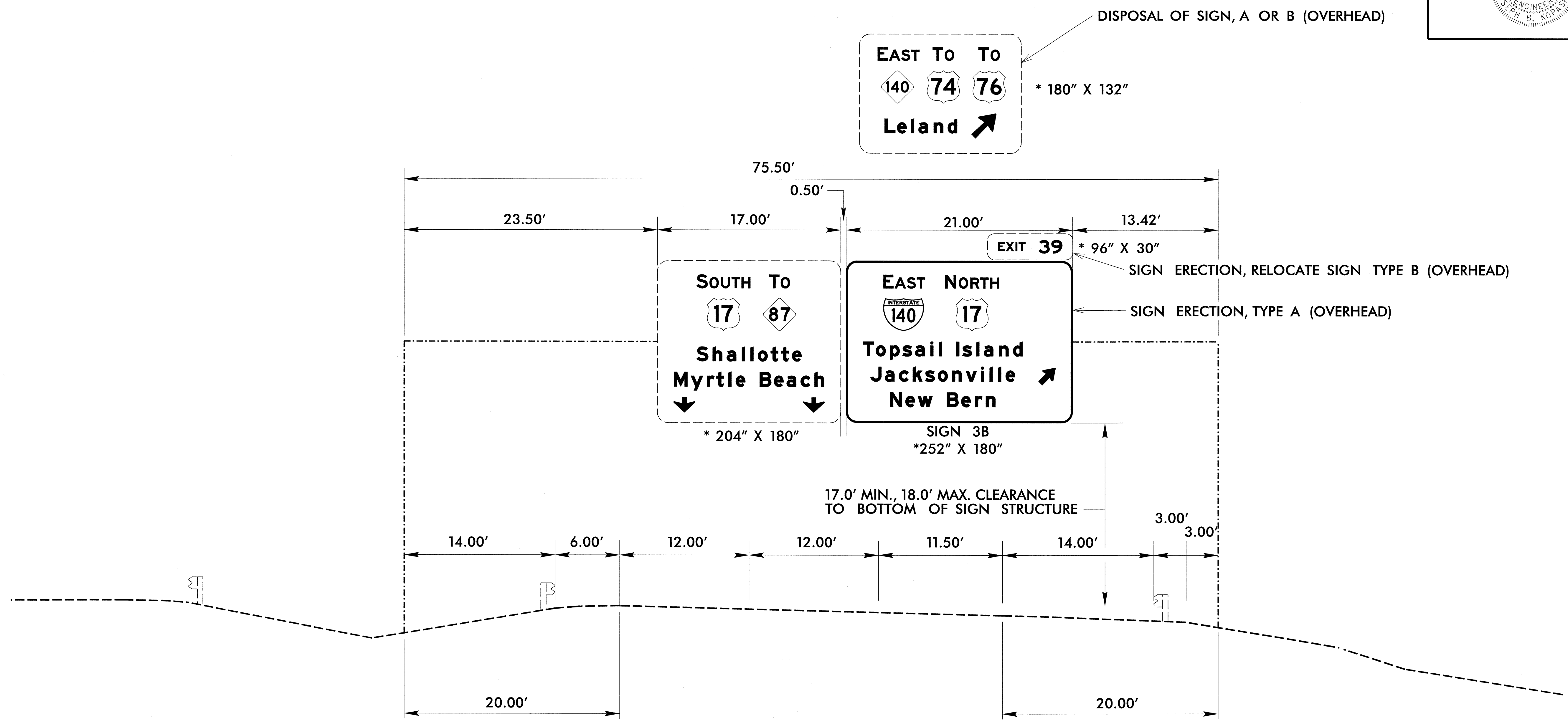
SCALE: NTS	DATE: SDATES		REVISIONS
DWG. BY:	DESIGN BY:		
REVIEWED BY:			

5/14/99

5/14/99

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

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4T
APPROVED: 	
DATE: 5/3/13	
	



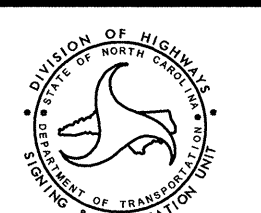
NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE WHILE ACQUIRING THE 17' MIN. CLEARANCE TO BOTTOM OF LIGHT FIXTURE SUPPORT
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

C:\p01\13\130511\130511.dwg

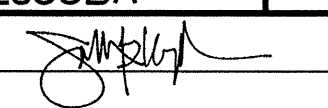
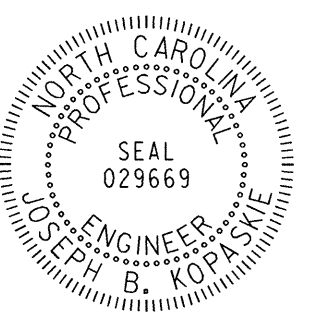
SEPI
ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-799-3977
Fax: 919-799-3971
License: C-2197

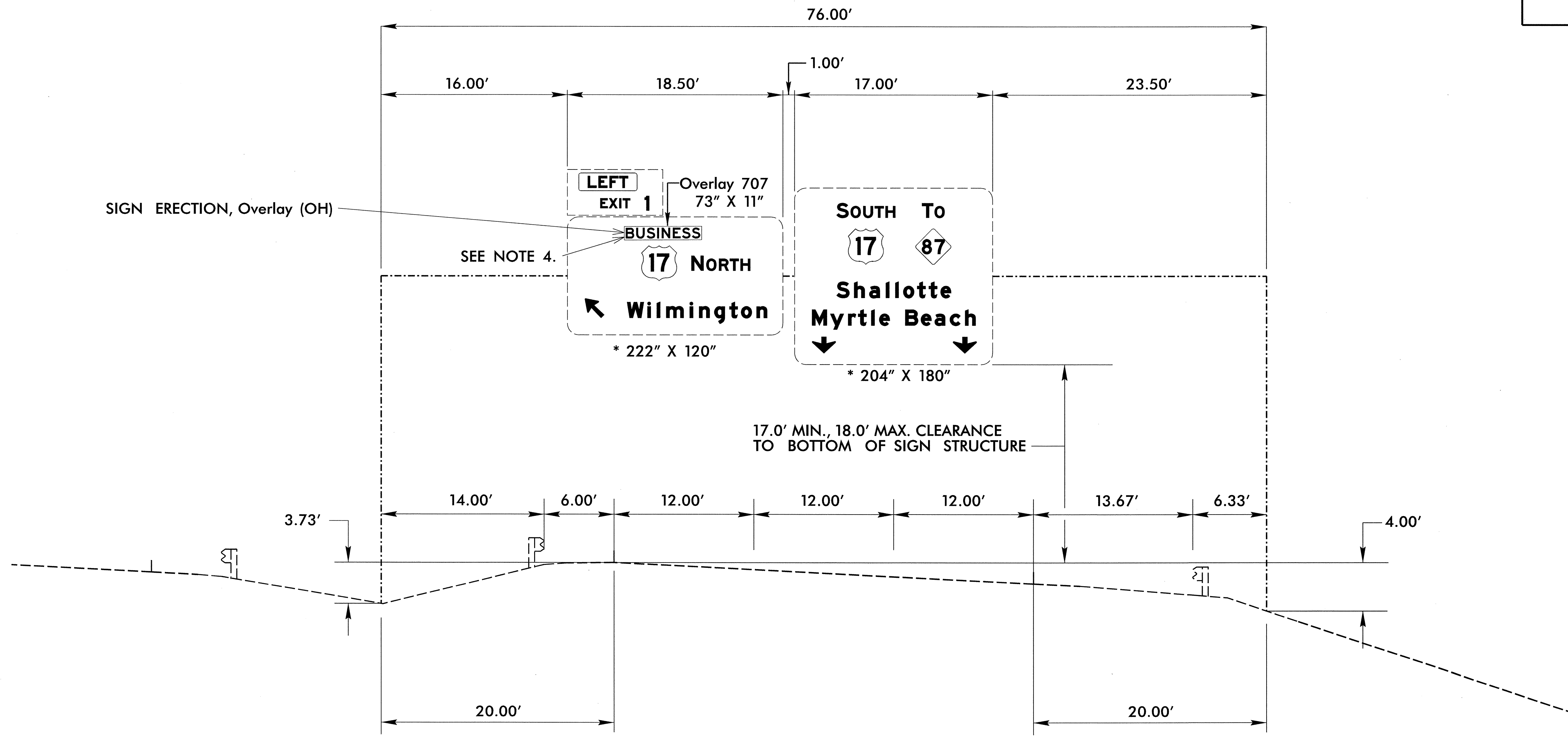
EXISTING OVERHEAD SIGN ASSEMBLY "C" AT YIREV STA. 102+00 US-17/NC-87 SB

SCALE: NTS		REVISIONS
DATE: \$DATES		
DWG. BY: _____		
DESIGN BY: _____		
REVIEWED BY: _____		CADD FILE

5/14/99

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


PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4U
APPROVED: 	
DATE: 8/6/13	
	



NOTES:

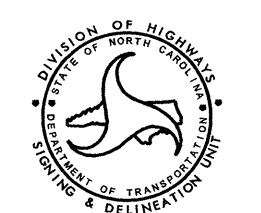
1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE WHILE ACQUIRING THE 17' MIN. CLEARANCE TO BOTTOM OF LIGHT FIXTURE SUPPORT
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

5/14/99



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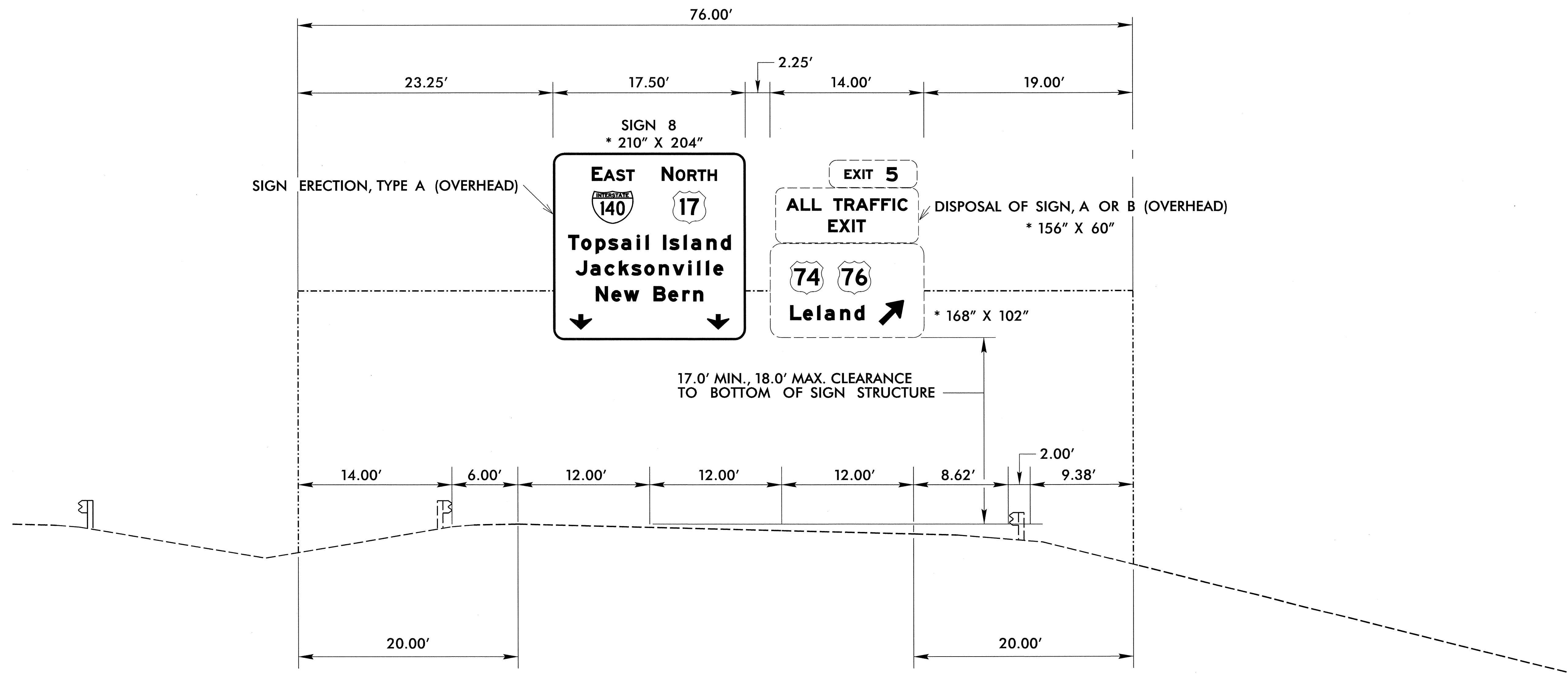
EXISTING OVERHEAD SIGN ASSEMBLY "D" AT SBLREV STA. 29+50 US-17/NC-87 SB

SCALE: NTS		REVISIONS
DATE: SDATES		
DWG. BY:		
DESIGN BY:		
REVIEWED BY:		

5/14/99

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PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4V
APPROVED:	
DATE: 8/6/13	



NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE WHILE ACQUIRING THE 17' MIN. CLEARANCE TO BOTTOM OF LIGHT FIXTURE SUPPORT
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

1:10 CADD FILE

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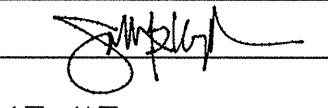
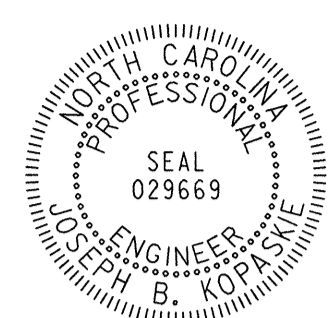
EXISTING OVERHEAD SIGN ASSEMBLY "E" AT LREV STA. 334+00 I-140US-17 NB

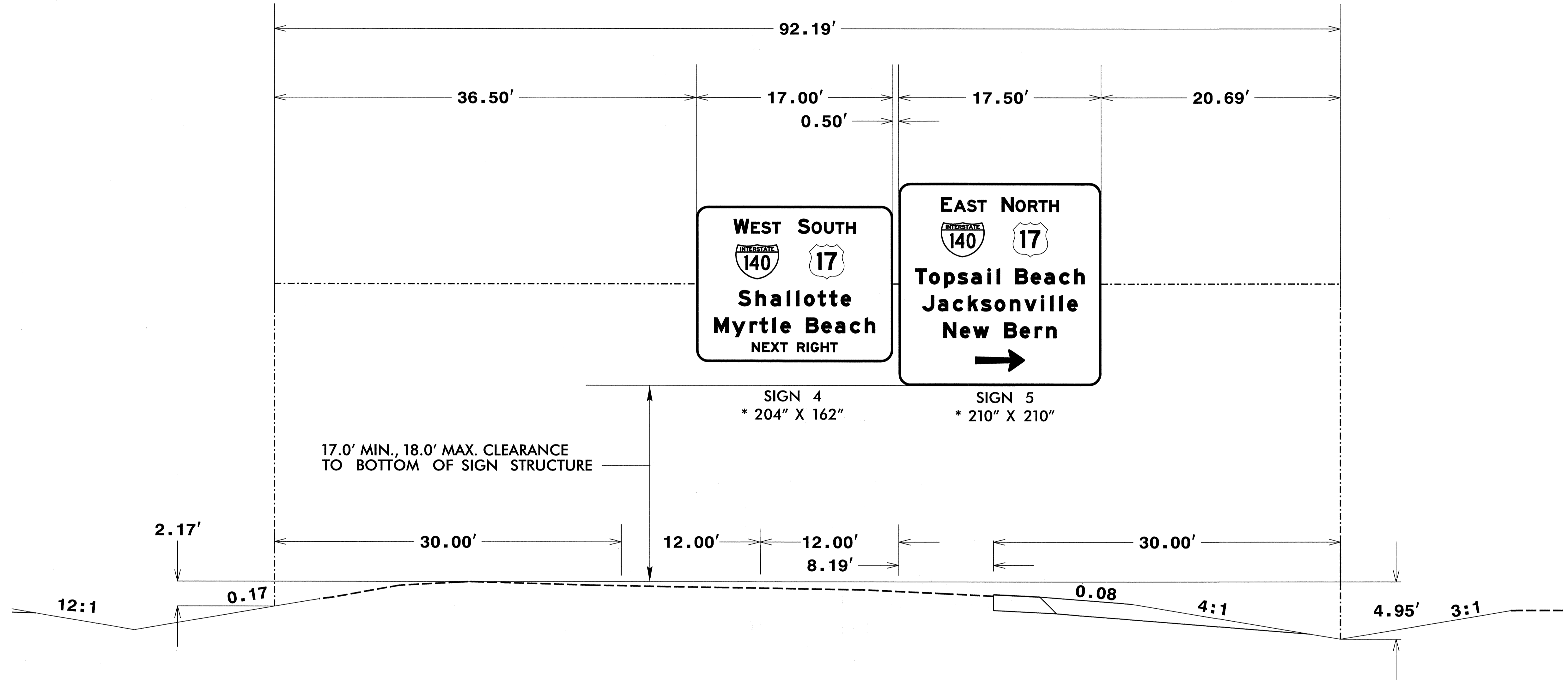
SCALE: NTS	REVISIONS
DATE: SDATES	
DESIGN BY:	
REVIEWED BY:	

CADD FILE

5/14/99

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

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-4W
APPROVED: 	
DATE: 5/3/13	
	

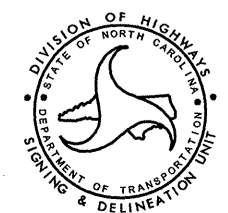


NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICES 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.

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PROPOSED OVERHEAD SIGN ASSEMBLY "F" AT Y5WBL STA. 37+30 US74/76 WB

SCALE: NTS		REVISIONS
DATE: 4-13		
DWG. BY: RCD		
DESIGN BY: RCD		
REVIEWED BY:		CADD FILE

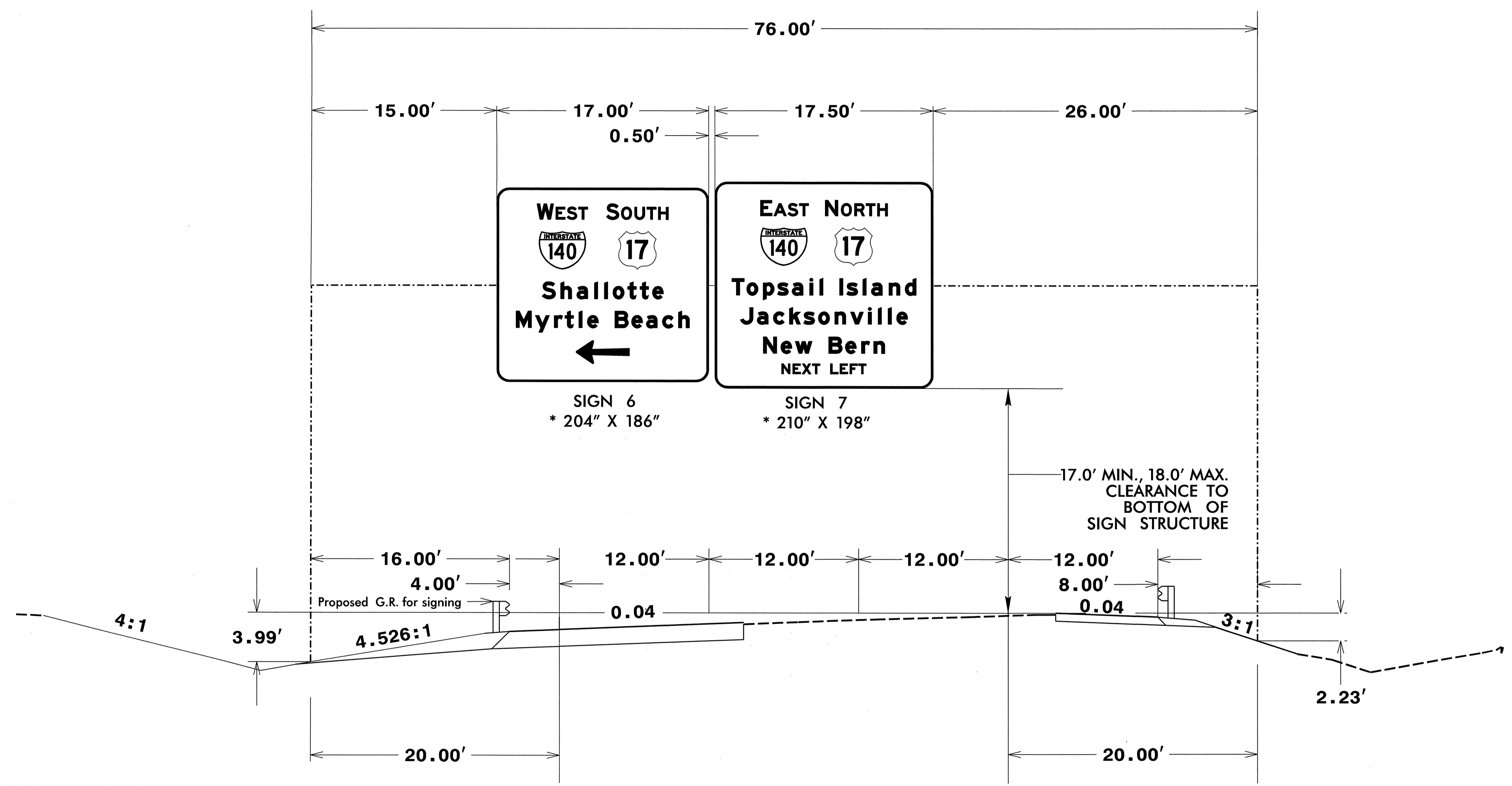
5/14/99

5/14/99

APPROVED: [Signature] DATE: 5/3/13



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



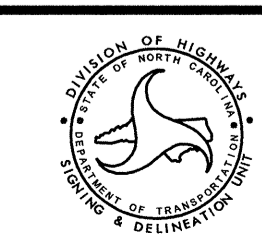
NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICES 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.

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PROPOSED OVERHEAD SIGN ASSEMBLY "G" AT Y5EBL STA. 19+00 US74/76 EB

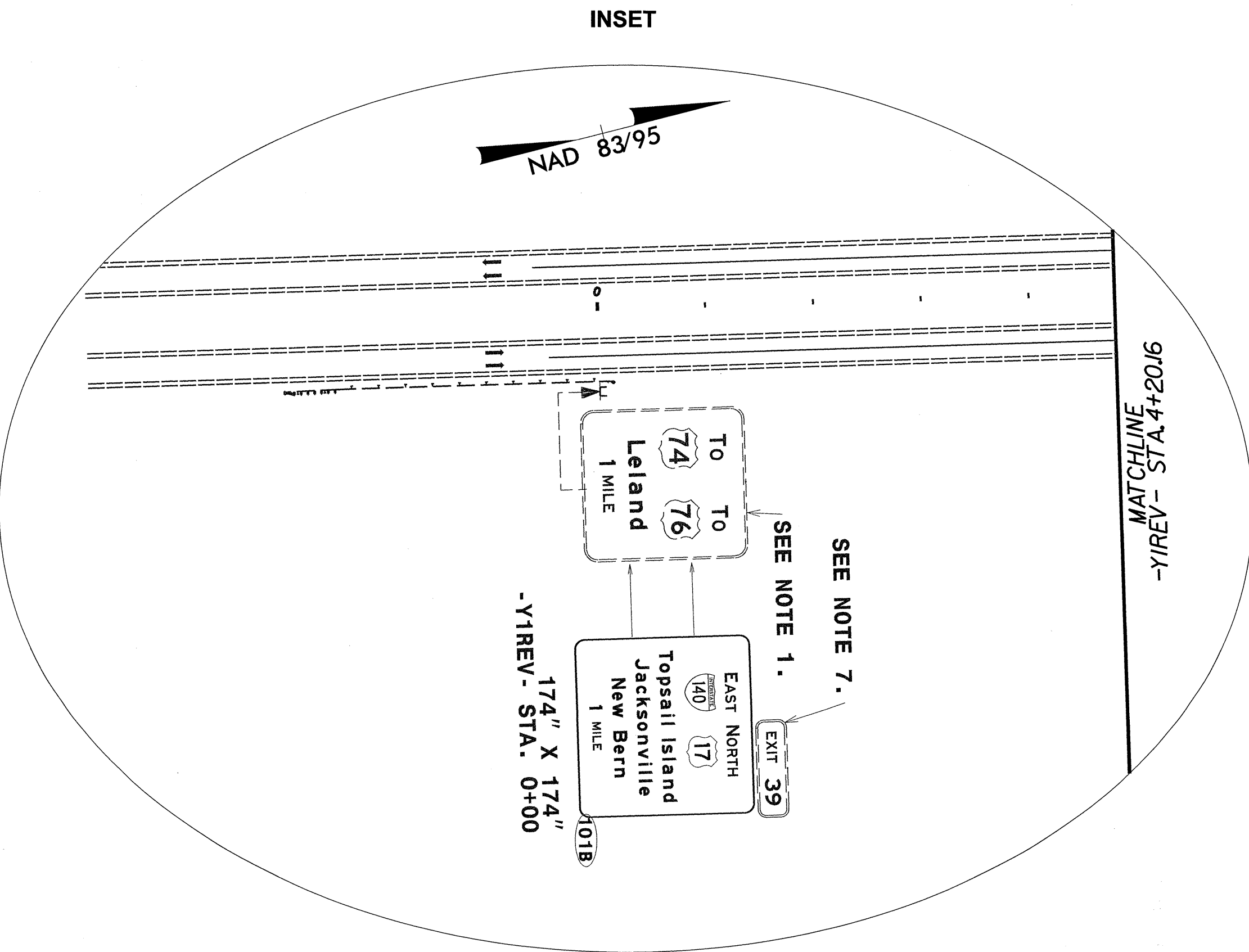
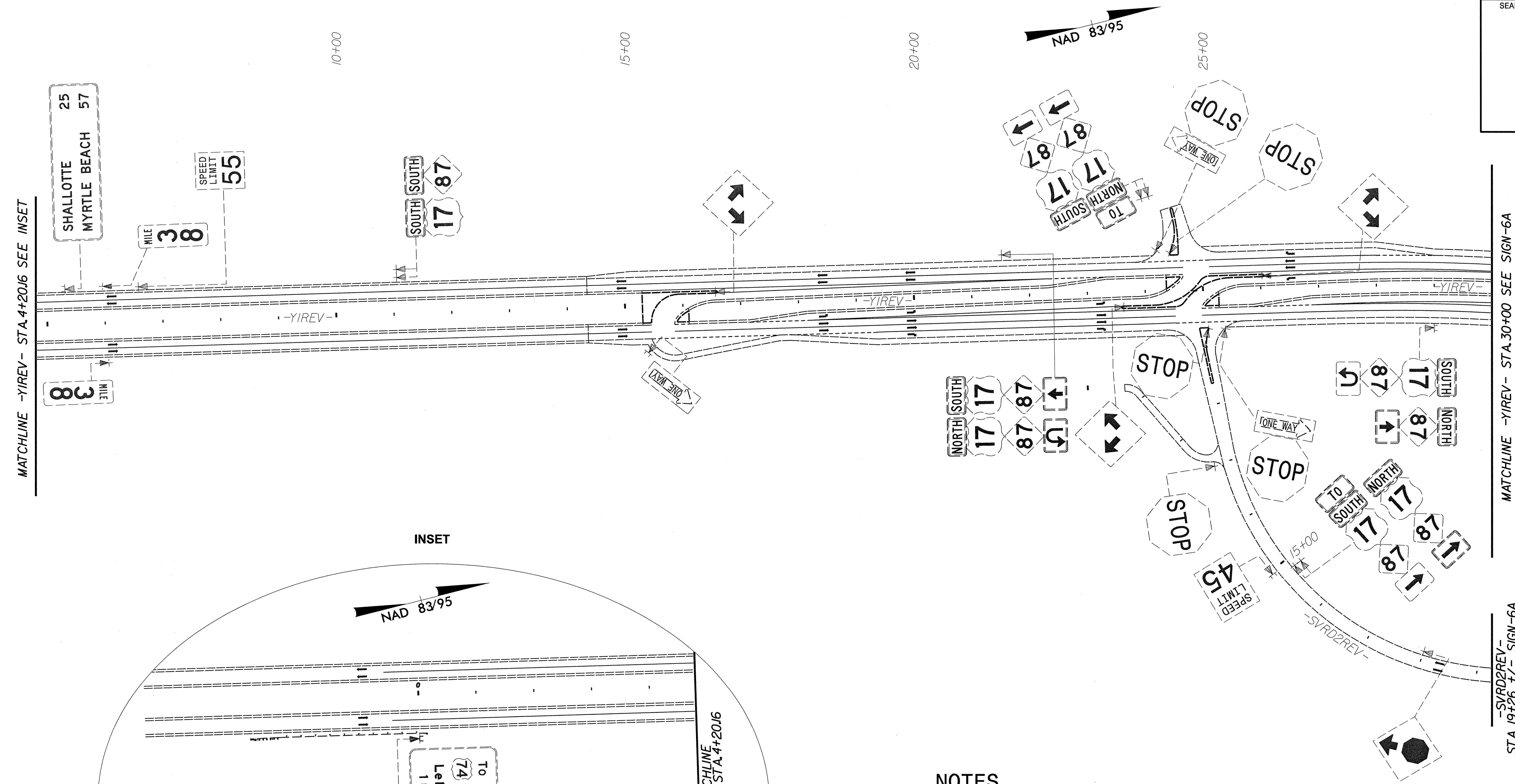
SCALE:	NTS
DATE:	4-13
DWG. BY:	RCD
DESIGN BY:	RCD
REVIEWED BY:	



REVISIONS	

5/14/99

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-5A
APPROVED: <i>[Signature]</i>	
DATE: 5/3/13	
SEAL	



NOTES

- DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)

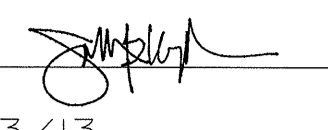
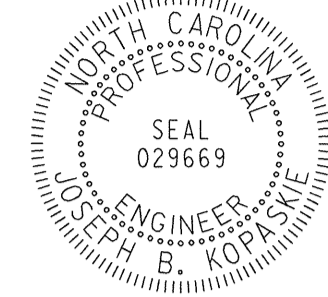
NO.	REVISIONS

8/17/99

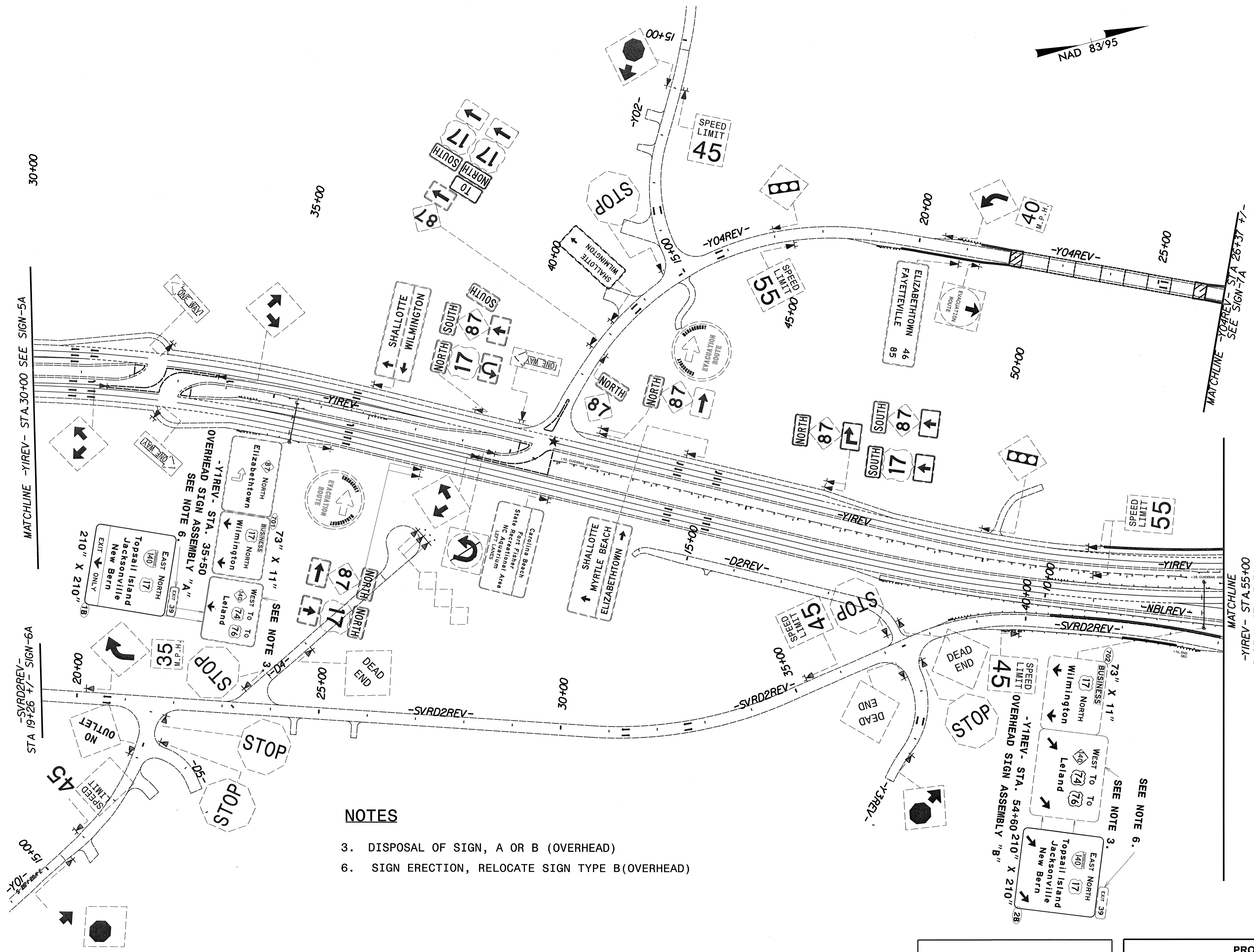
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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-YIREV- STA 1+00 TO 30+00

PROJECT REFERENCE NO.	SHEET NO.
R-2633BA	SIGN-6A
APPROVED: 	
DATE: 5/23/13	
SEAL	
	

REVISIONS
 8/17/99



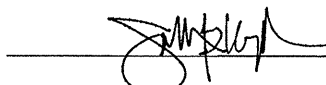
- NOTES**
- DISPOSAL OF SIGN, A OR B (OVERHEAD)
 - SIGN ERECTION, RELOCATE SIGN TYPE B(OVERHEAD)

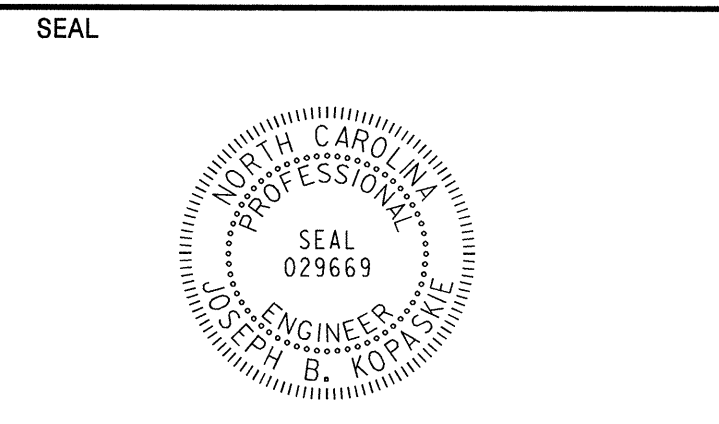


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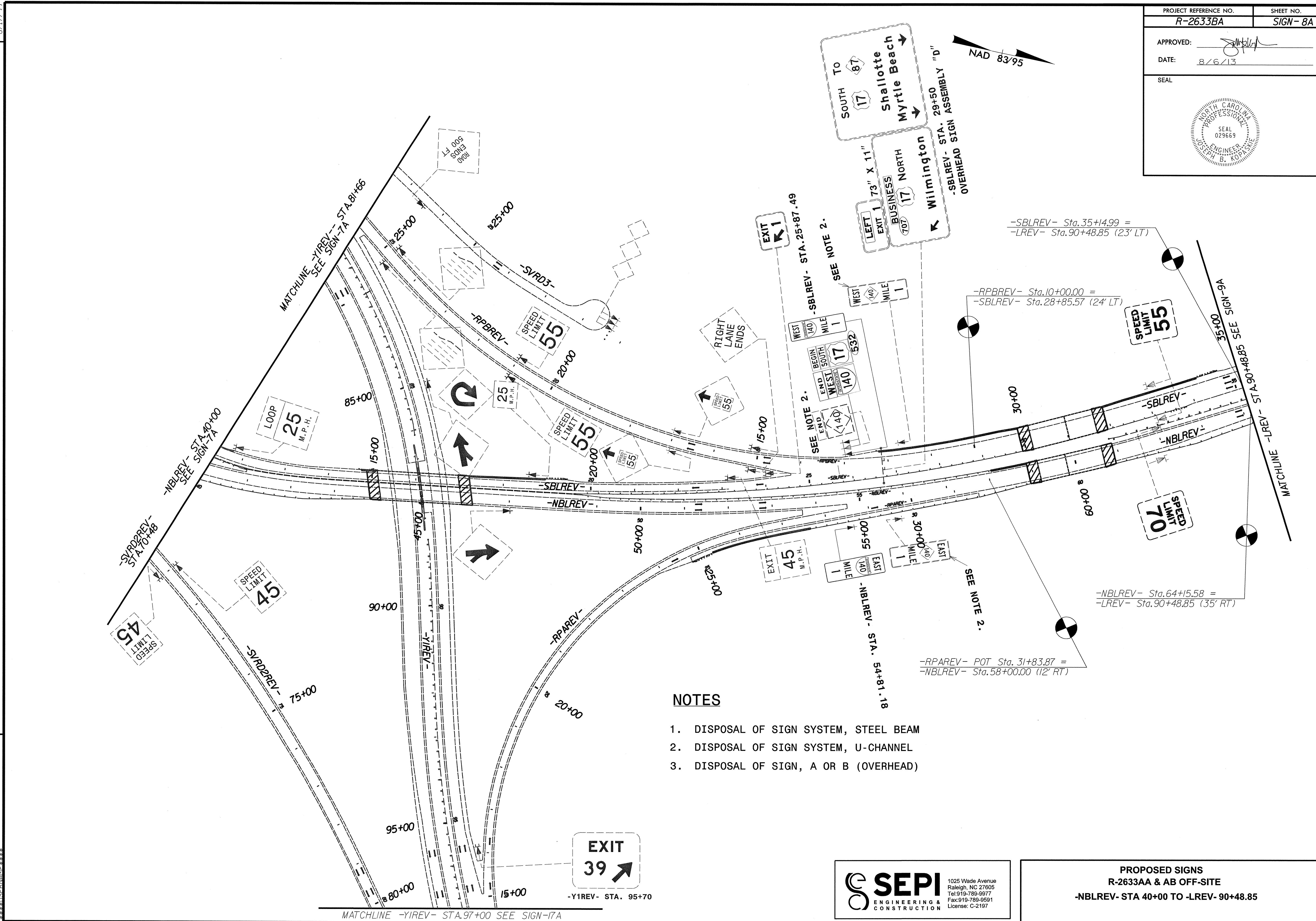
PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-YIREV- STA 30+00 TO STA 55+00
AND
-NBLREV- STA 10+00 TO 13+70+/-

8/17/99

APPROVED: 
 DATE: 8/6/13



NO.	DESCRIPTION



NOTES

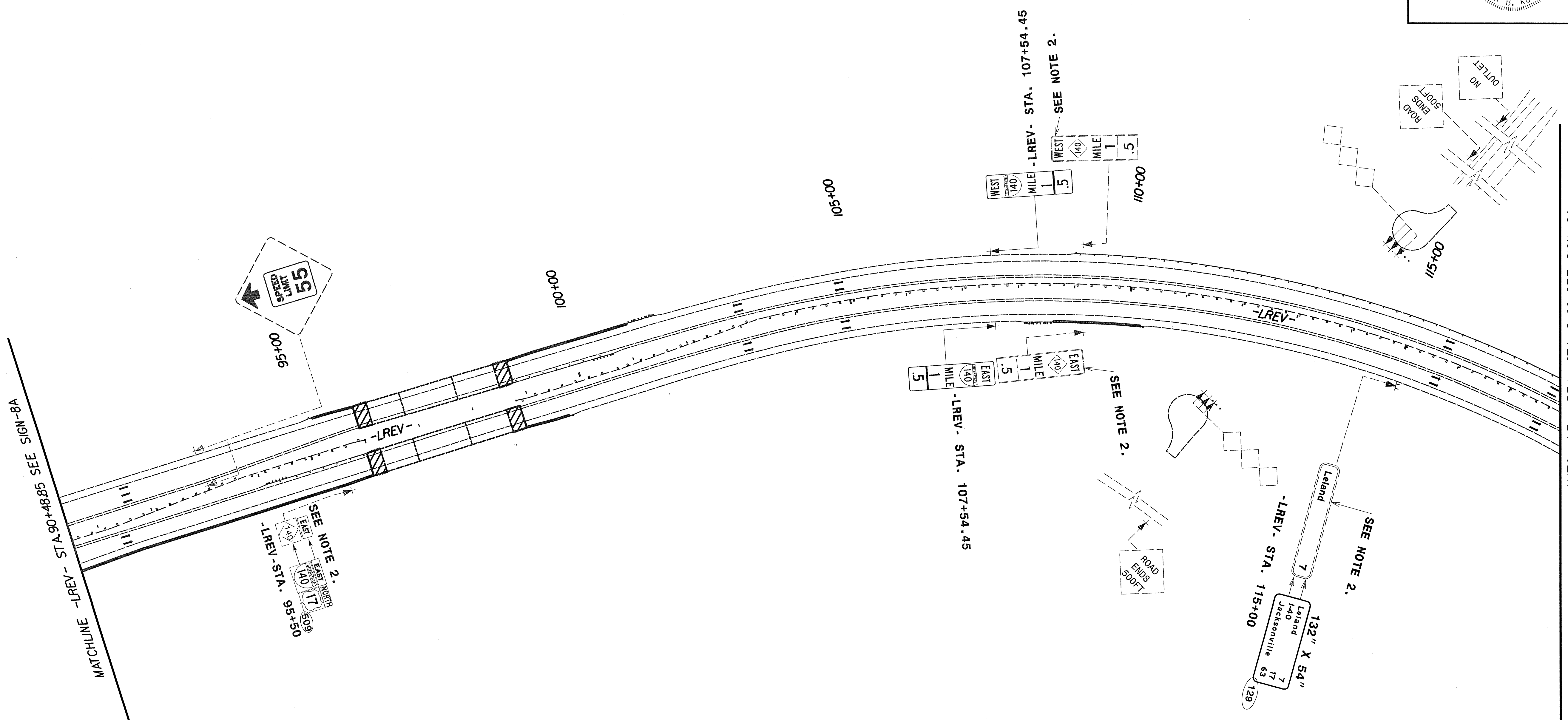
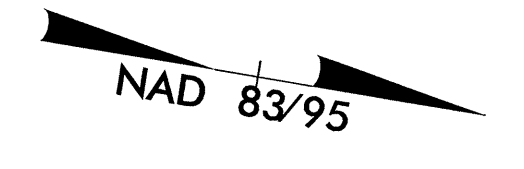
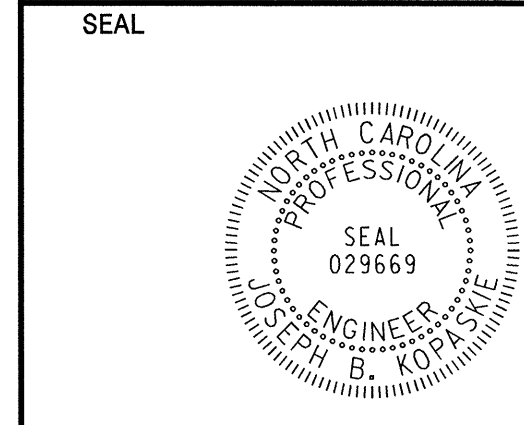
1. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. DISPOSAL OF SIGN, A OR B (OVERHEAD)

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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-NBLREV- STA 40+00 TO -LREV- 90+48.85

SYSTEMS DESIGN
 SIGNATURE

8/17/99



- NOTES**
- 2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

NO.	DESCRIPTION


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Fax: 919-789-8591
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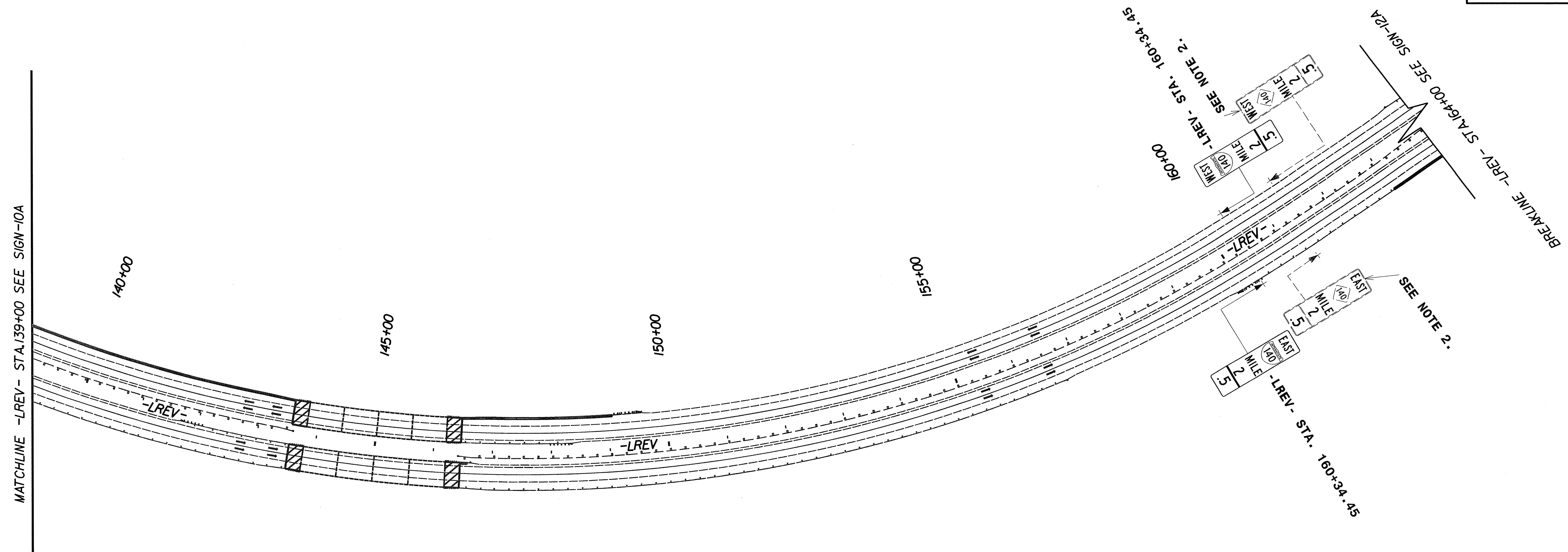
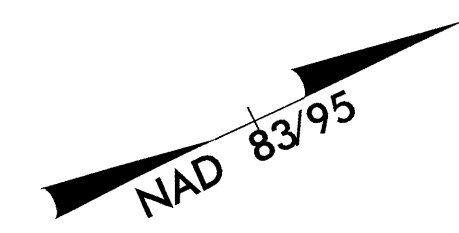
PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-LREV- STA. 90+48.85 TO STA. 118+00

SECTION

8/17/99

NO.	DATE	DESCRIPTION

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-11A
APPROVED: 	
DATE: 8/6/13	
SEAL	
	



NOTE
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

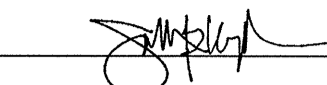
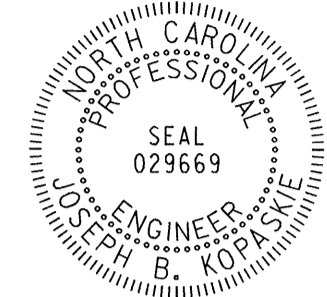
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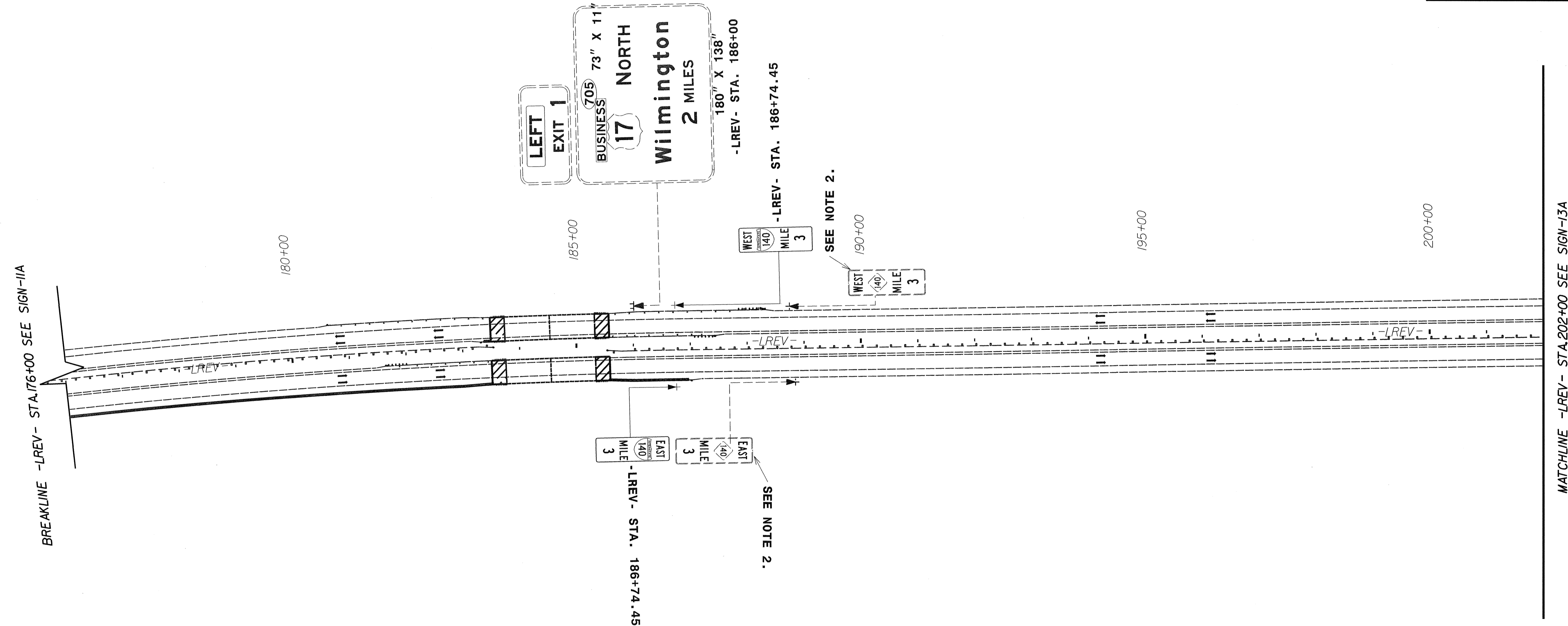
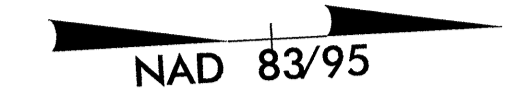
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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-LREV- STA 139+00 TO STA. 164+00 (BREAKLINE)

8/17/99

REVISIONS

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-12A
APPROVED: 	
DATE: 8/6/13	
SEAL	
	



- NOTES**
- 2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)

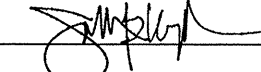

 ADDITIONAL REVISIONS

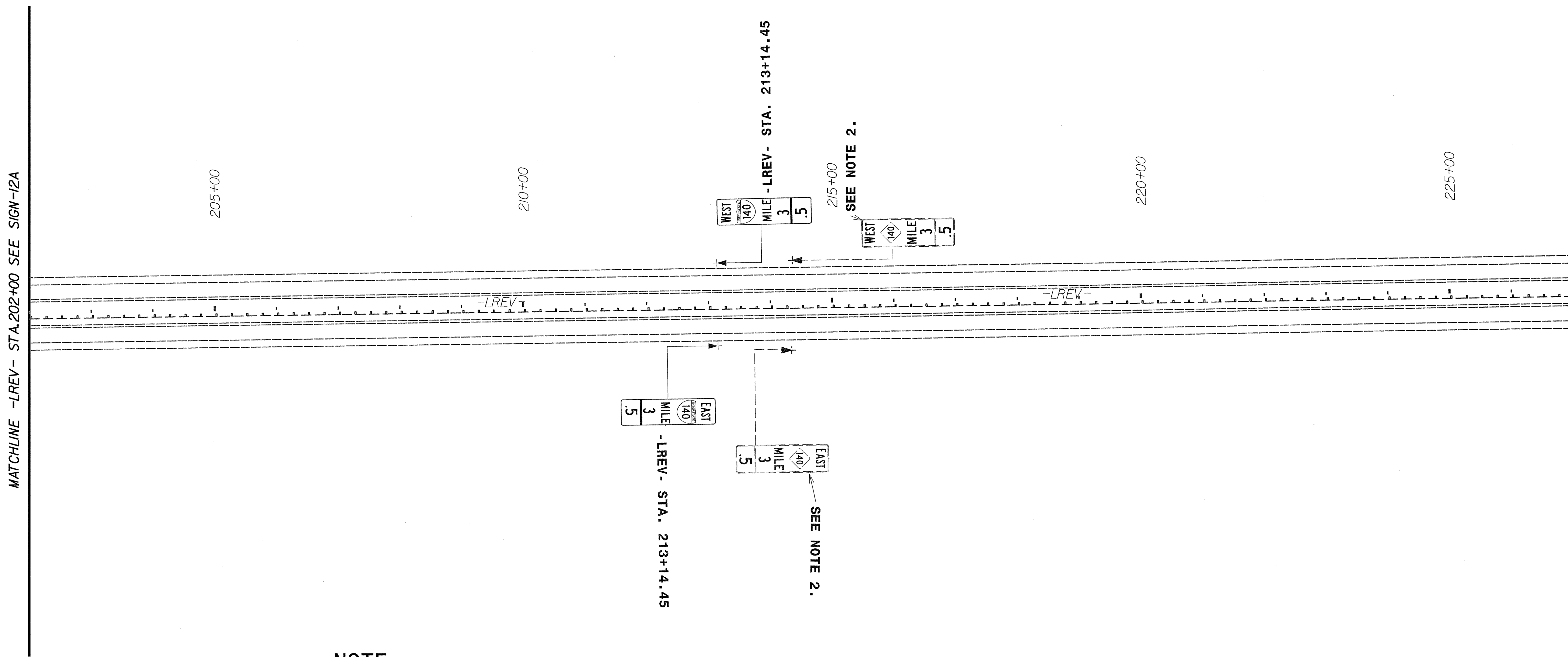
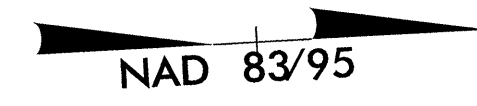
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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
BREAKLINE -LREV- STA. 176+00 TO
-LREV- STA. 202+00

8/17/99


PROJECT REFERENCE NO.	SHEET NO.
R-2633BA	SIGN-13A
APPROVED:	
DATE:	8/6/13
SEAL	
	



NOTE
 2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

REVISIONS	

TIME \$\$\$\$\$\$
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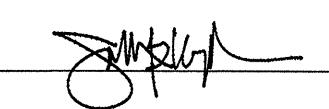
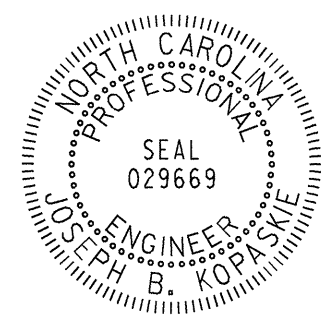


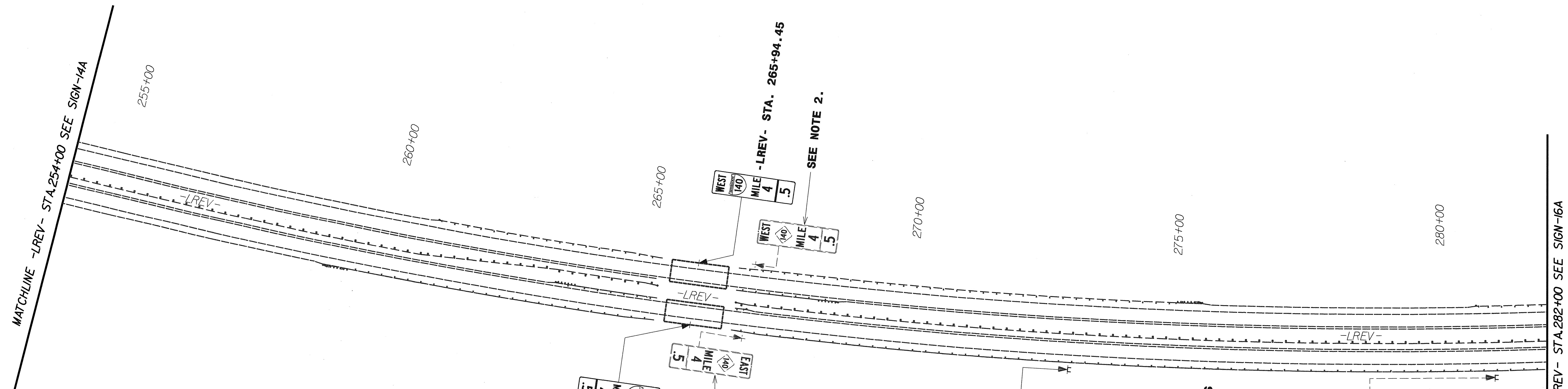
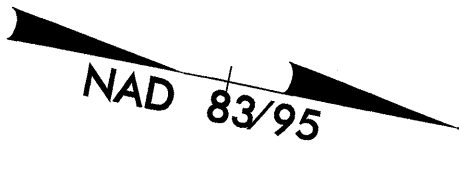
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PROPOSED SIGNS
 R-2633AA & AB OFF-SITE
 -LREV- STA. 202+00 TO STA. 227+00

MATCHLINE -LREV- STA. 227+00 SEE SIGN-14A

MATCHLINE -LREV- STA. 202+00 SEE SIGN-12A

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-15A
APPROVED: 	
DATE: 8/6/13	
SEAL	
	




- NOTES**
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
 7. SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
 8. SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
 9. DISPOSAL OF SUPPORT, STEEL BEAM

REVISIONS

NO.	DESCRIPTION	DATE

8/17/99 SYSTEMS DOWN

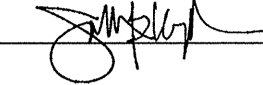
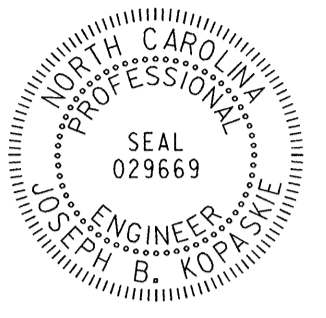


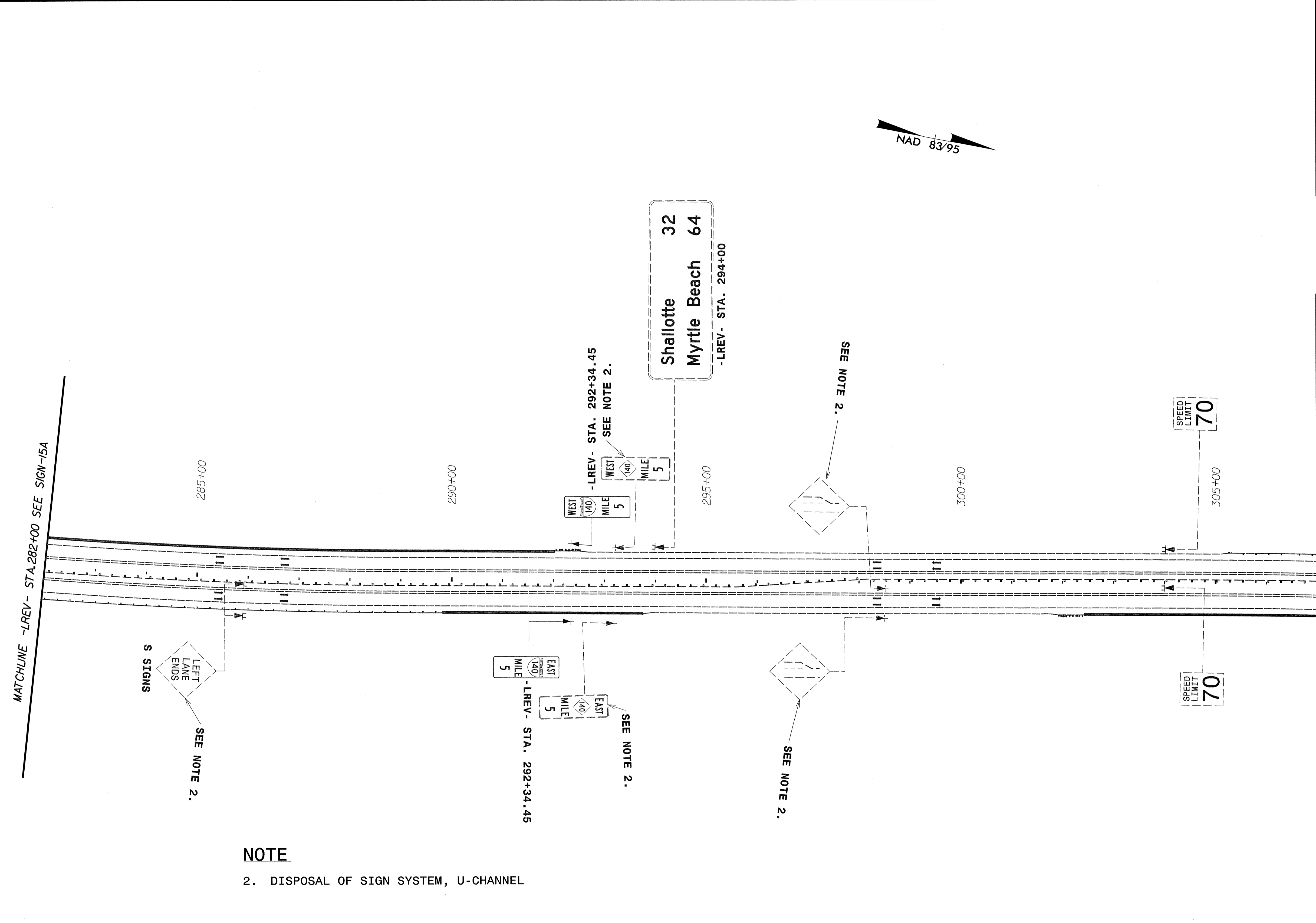
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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-LREV- STA. 254+00 TO STA. 282+00

8/17/99

REVISIONS

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-16A
APPROVED: 	
DATE: 8/6/13	
SEAL	
	



NOTE
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

MATCHLINE -LREV- STA.282+00 SEE SIGN-15A

MATCHLINE -LREV- STA.307+00 SEE R-2633BA SIGN-5

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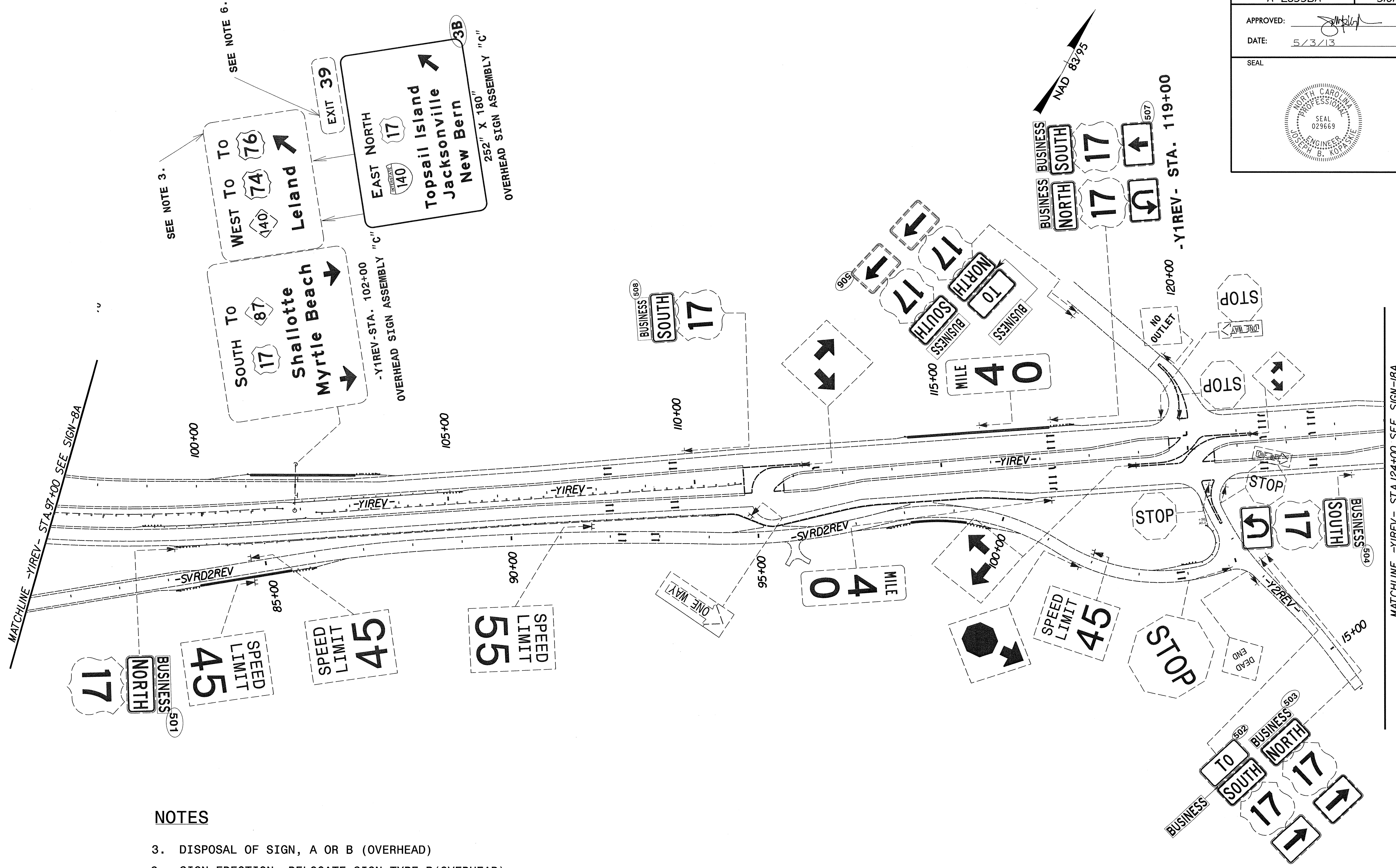
PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-LREV- STA. 282+00 TO STA. 307+00

DATE PLOTTED: 8/17/99
DRAWN BY: J. B. KOPP
CHECKED BY: J. B. KOPP
SCALE: AS SHOWN

8/17/99

REVISIONS

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-17A
APPROVED:	
DATE: 5/3/13	
SEAL	



NOTES

- 3. DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 6. SIGN ERECTION, RELOCATE SIGN TYPE B(OVERHEAD)

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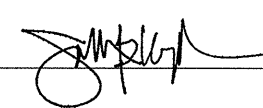
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PROPOSED SIGNS
R-2633AA & AB OFF-SITE
-Y1REV- STA. 97+00 TO STA 124+00

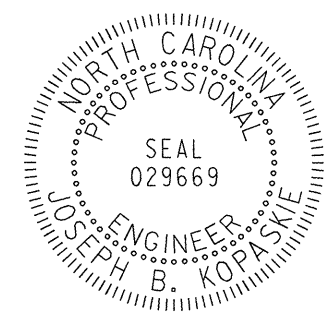
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8/17/99

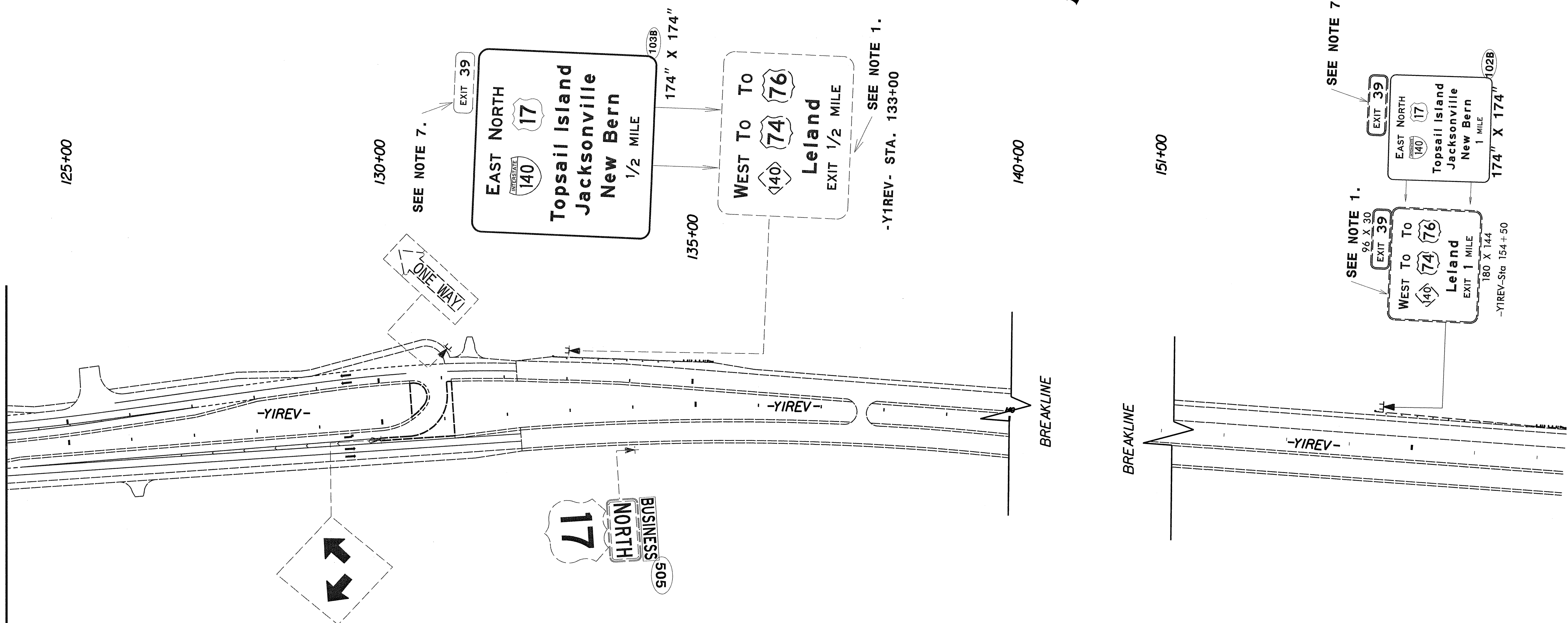
REVISIONS

APPROVED: 
 DATE: 5/3/13

SEAL




MATCHLINE -YIREV- STA.124+00 SEE SHEET 17A



NOTES

- DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)



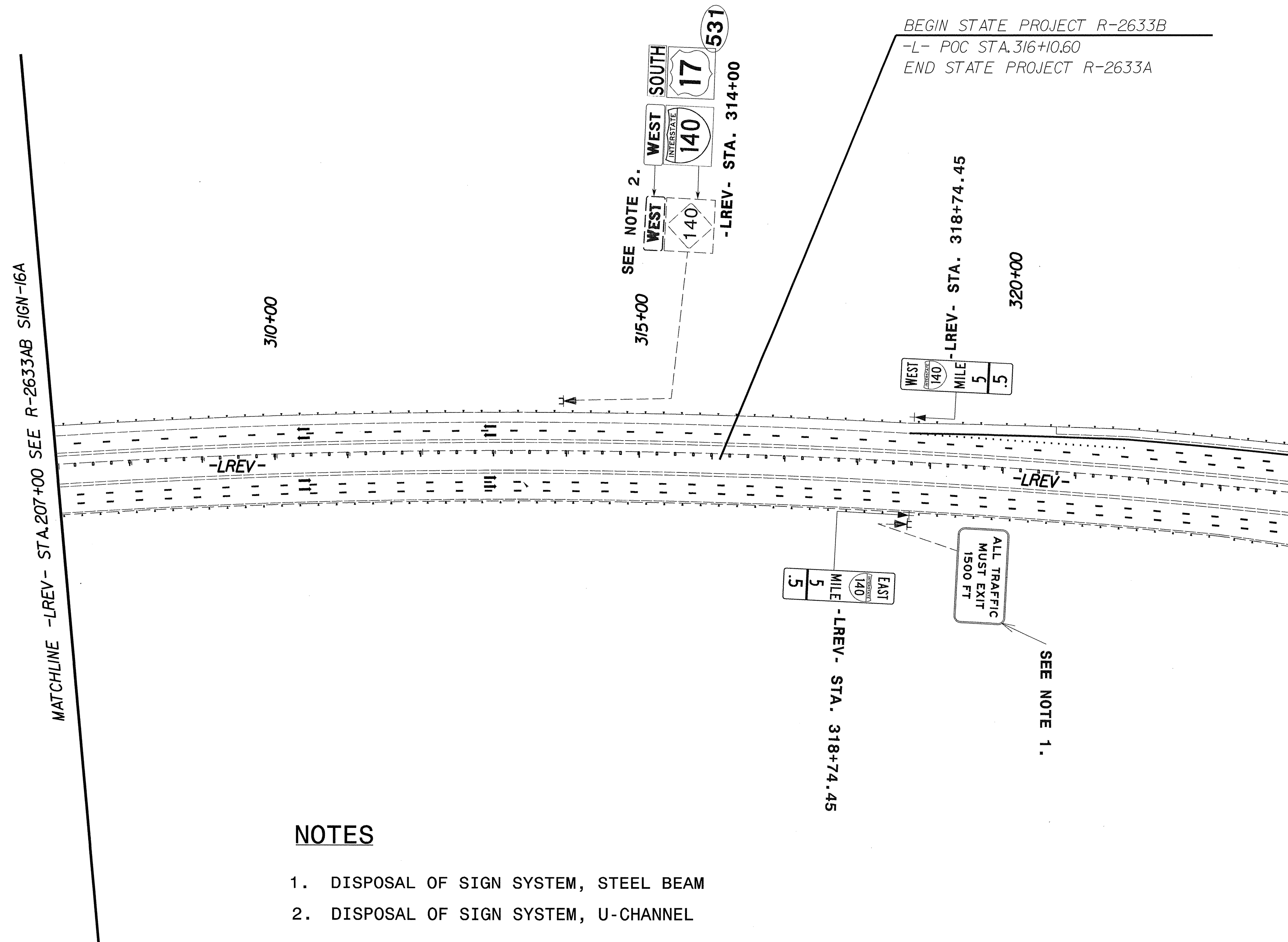
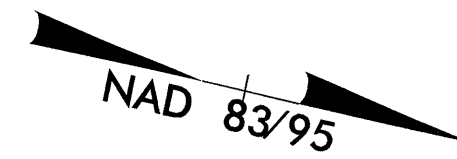
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 Fax: 919-789-9591
 License: C-2197

PROPOSED SIGNS
 R-2633AA & AB OFF-SITE
 -YIREV- STA. 124+00 TO END

8/17/99

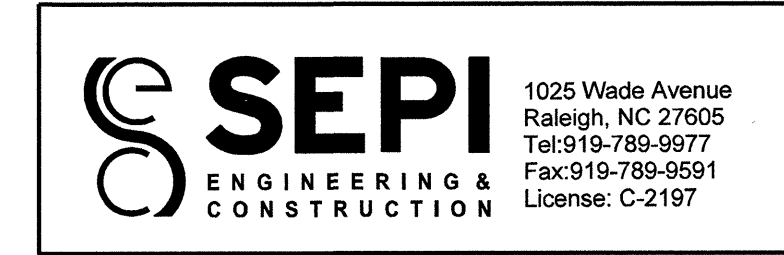
REVISIONS

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-5
APPROVED:	
DATE: 8/6/13	
SEAL	



- NOTES**
1. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
 2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

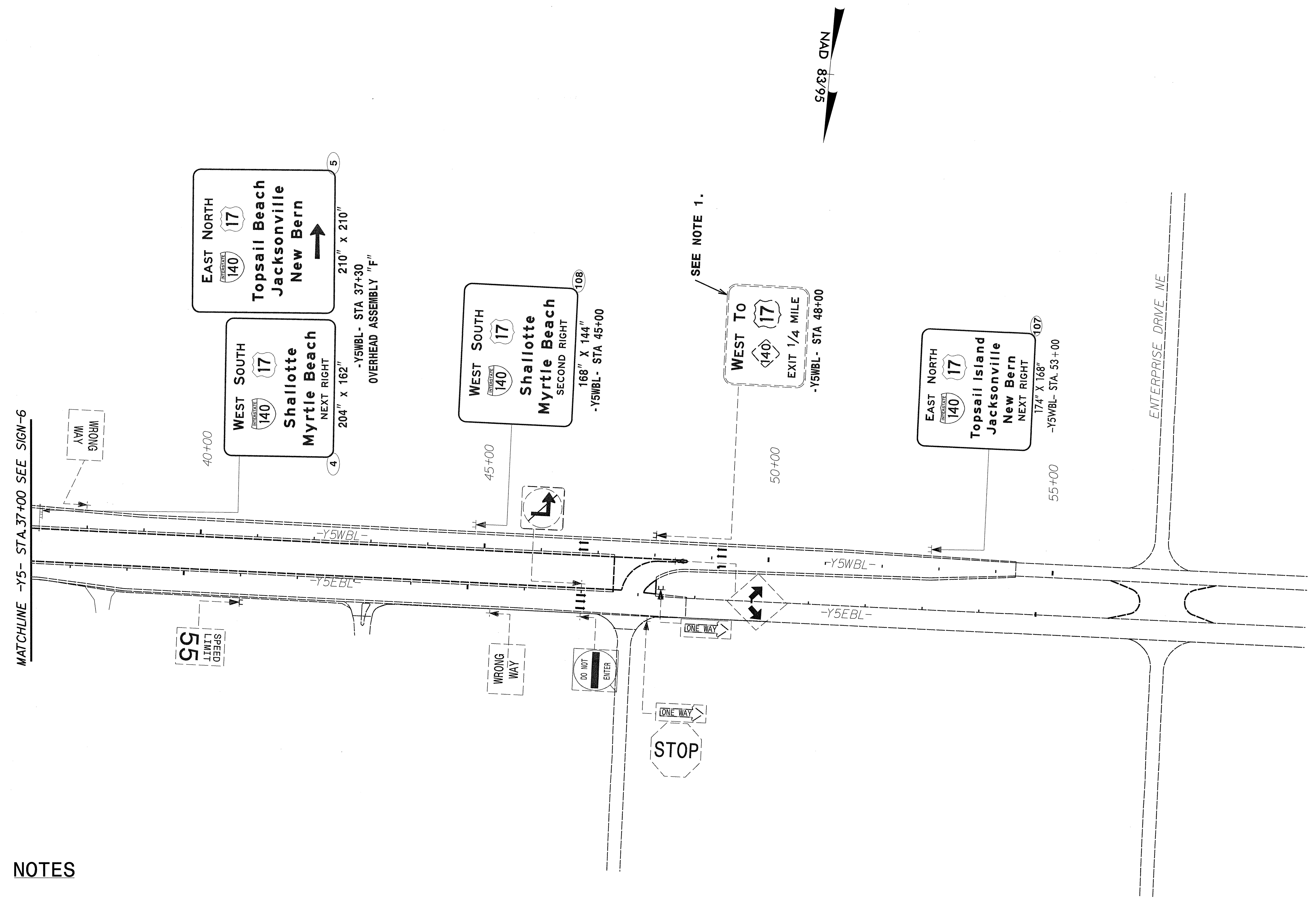
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PROPOSED SIGNS
R-2633BA -LREV- 307+00 TO -LREV- 324+00

8/17/99

REVISIONS



NOTES

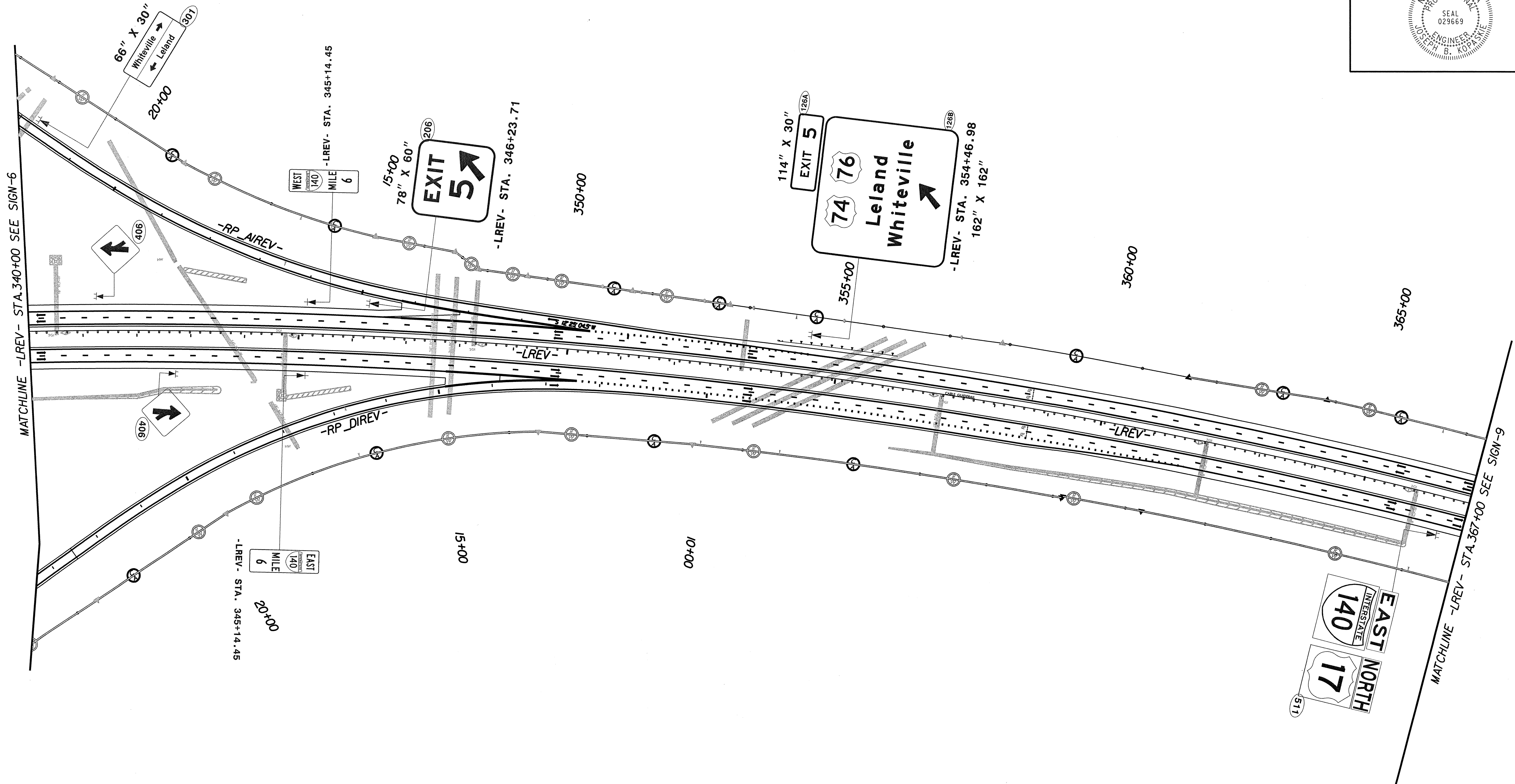
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-8
APPROVED:	
DATE: 5/3/13	
SEAL	

NAD 83/95

REVISIONS

8/17/99



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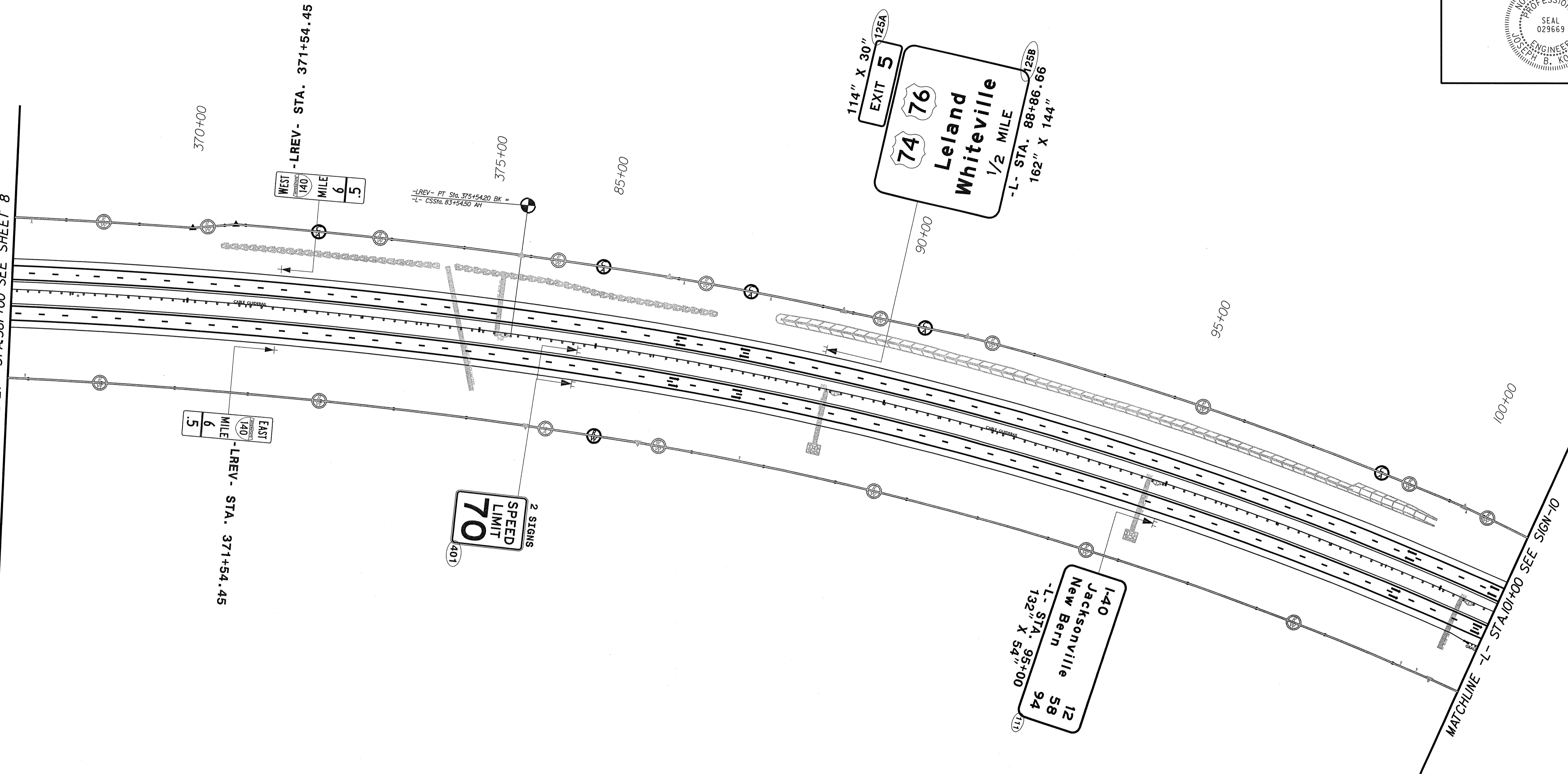
PROPOSED SIGNS
R-2633BA -LREV- STA 340+00 TO 367+00

8/17/99

REVISIONS

SECTION NUMBER
DRAWN BY
CHECKED BY
DATE

MATCHLINE - LREV - STA. 367+00 SEE SHEET 8



PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-9
APPROVED:	
DATE: 5/3/13	
SEAL	

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PROPOSED SIGNS

R-2633BA -LREV- STA 350+00 TO -L- STA 101+00

8/17/99

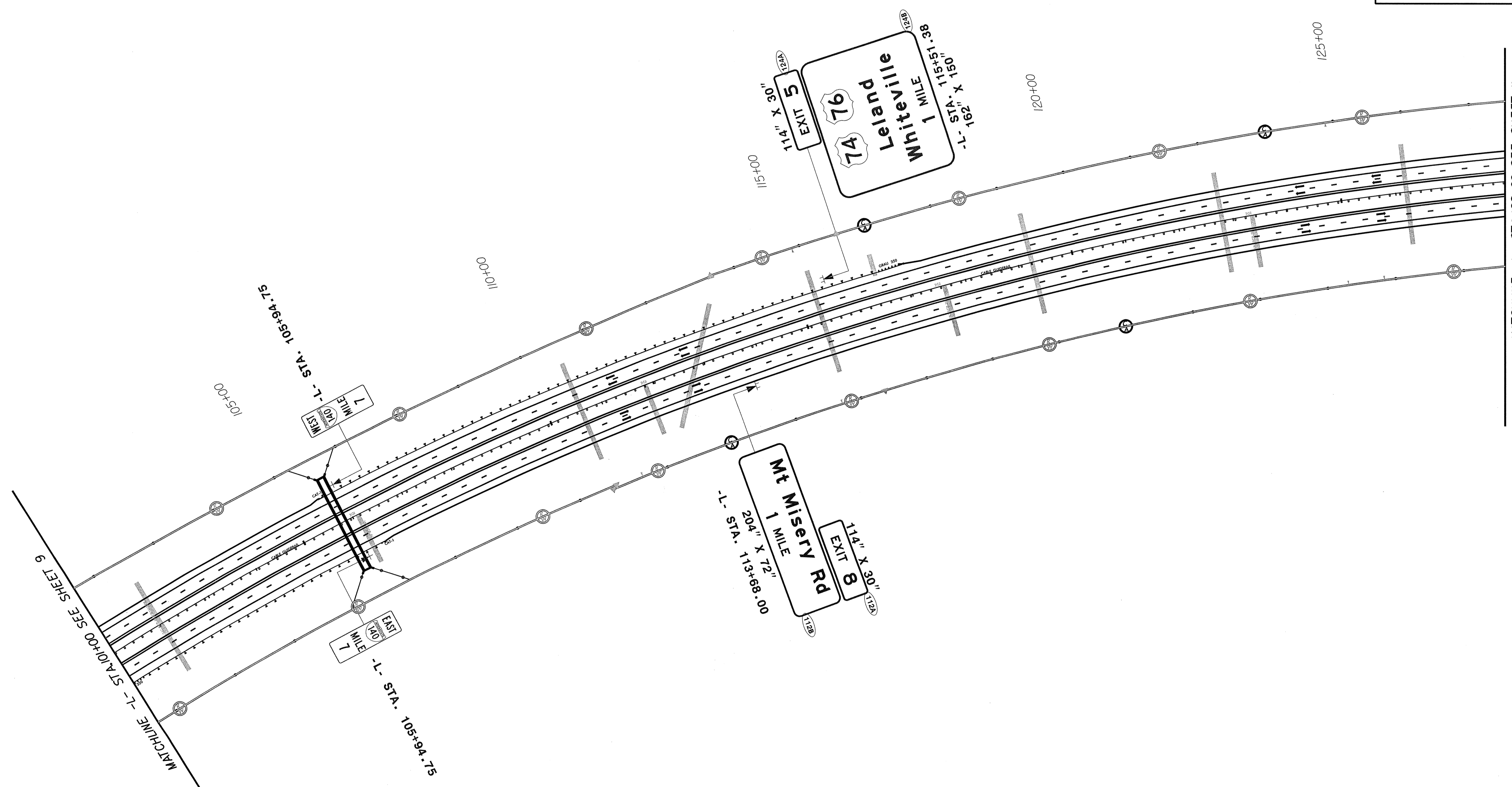
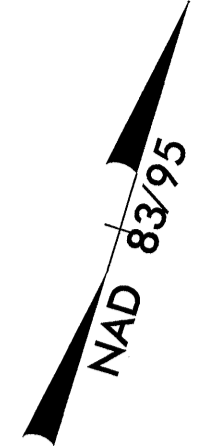
REVISIONS

PROJECT REFERENCE NO. R-2633BA SHEET NO. SIGN-10

APPROVED: [Signature]

DATE: 5/3/13

SEAL



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Fax: 919-789-9531
License: C-2197

PROPOSED SIGNS
R-2633BA -L- STA 101+00 TO 128+00

DATE PLOTTED: 5/3/13 10:58 AM
PLOTTER: HP DesignJet T1100PS
SCALE: 1" = 100'
SHEET: 10 OF 10

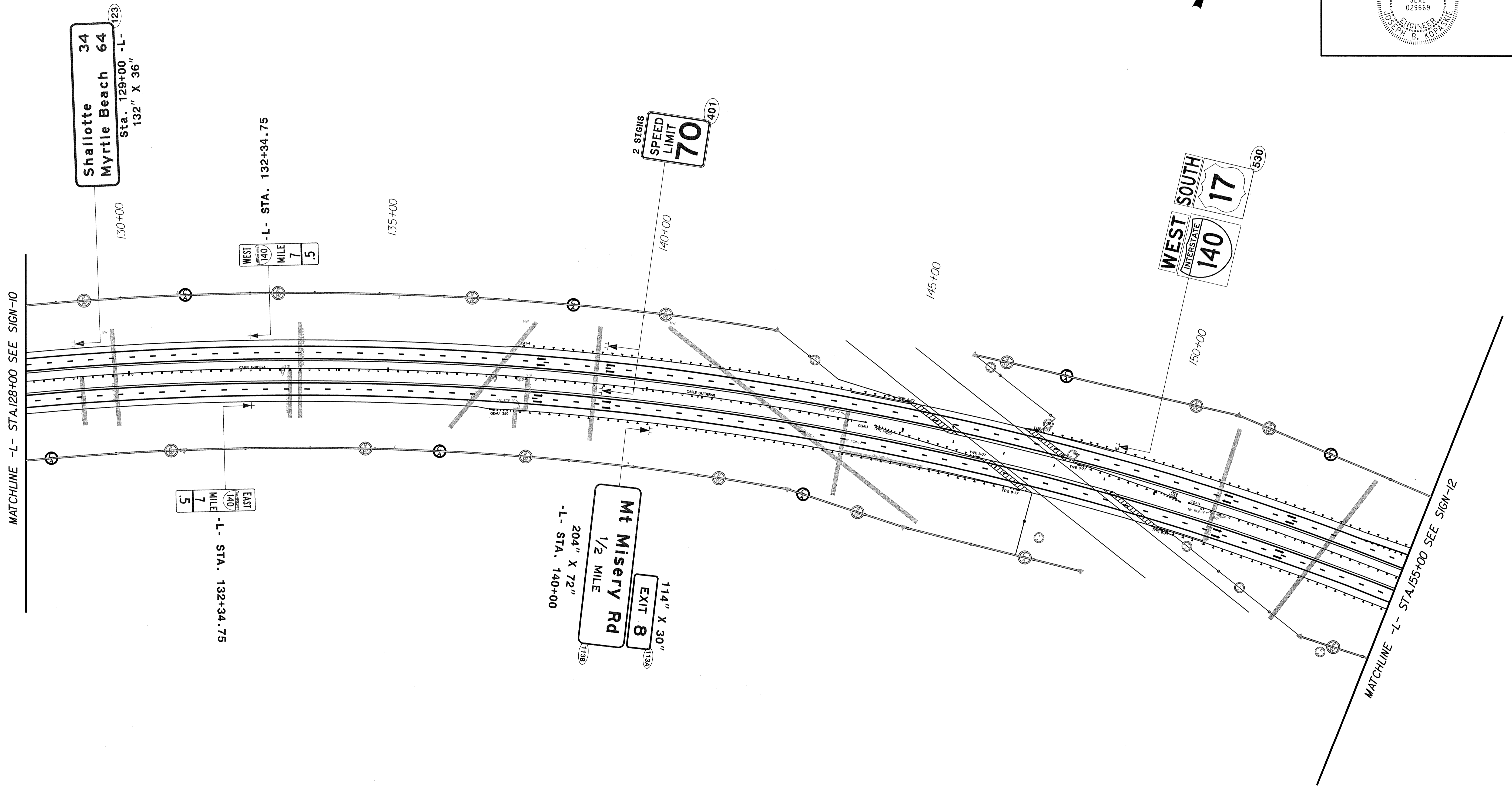
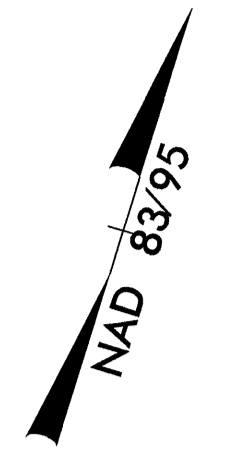
8/17/99

REVISIONS

PROJECT REFERENCE NO. R-2633BA SHEET NO. SIGN- II

APPROVED: [Signature] DATE: 5/3/13

SEAL [Professional Engineer Seal: Joseph B. Kopyayev, License No. 029669]



34 Shallotte Myrtle Beach 64
Sta. 129+00 -L-
132" X 36"

EAST
140
MILE
7
5
-L- STA. 132+34.75

WEST
140
MILE
7
5
-L- STA. 132+34.75

114" X 30"
EXIT 8
Mt Misery Rd
1/2 MILE
204" X 72"
-L- STA. 140+00

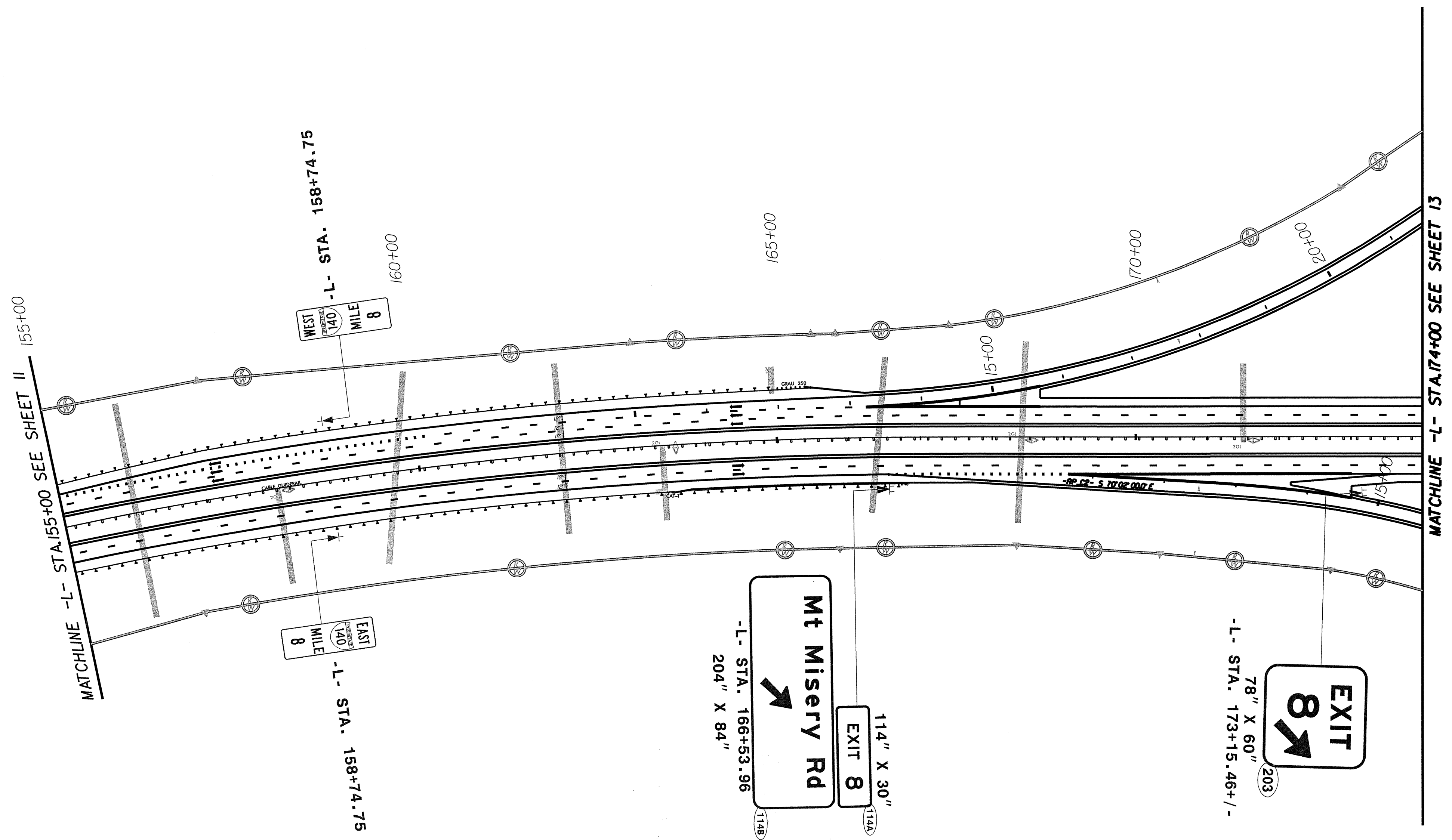
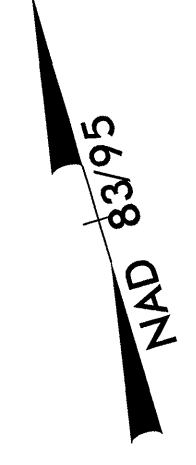
2 SIGNS
SPEED
LIMIT
70
401

WEST SOUTH
INTERSTATE 140 17
530

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PROPOSED SIGNS
R-2633BA -L- STA 128+00 TO 155+00

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN- 12
APPROVED:	DATE: 5/3/13
SEAL	



NO.	DATE	REVISIONS

8/17/95

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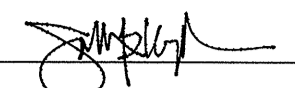
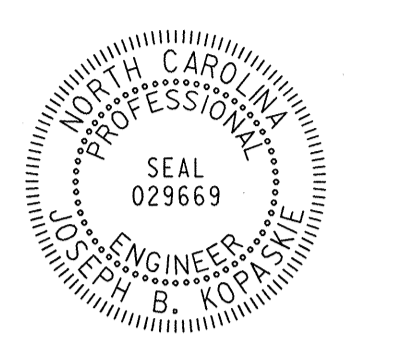
SEPI
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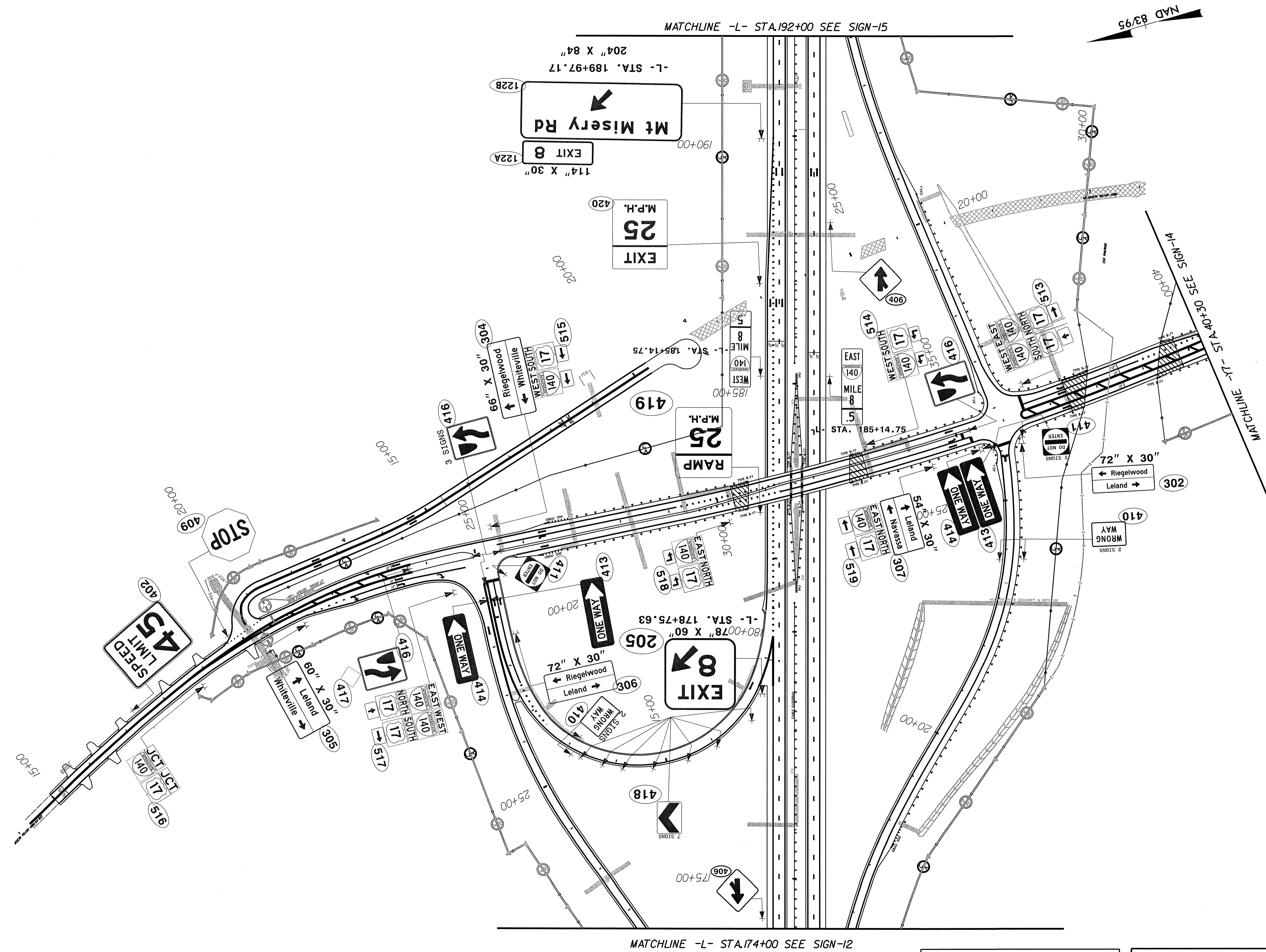
1025 Wade Avenue
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Fax: 919-788-9591
License: C-2197

PROPOSED SIGNS
 R-2633BA -L- STA 155+00 TO 174+00

8/17/99

REVISIONS

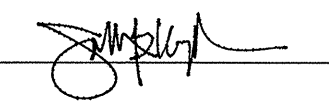

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-13
APPROVED: 	
DATE: 5/3/13	
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PROPOSED SIGNS
R-2633BA -L- STA 174+00 TO 192+00

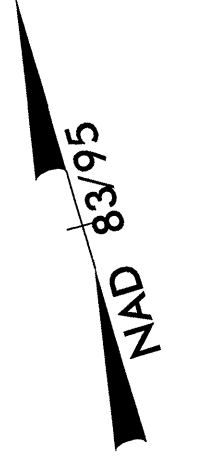
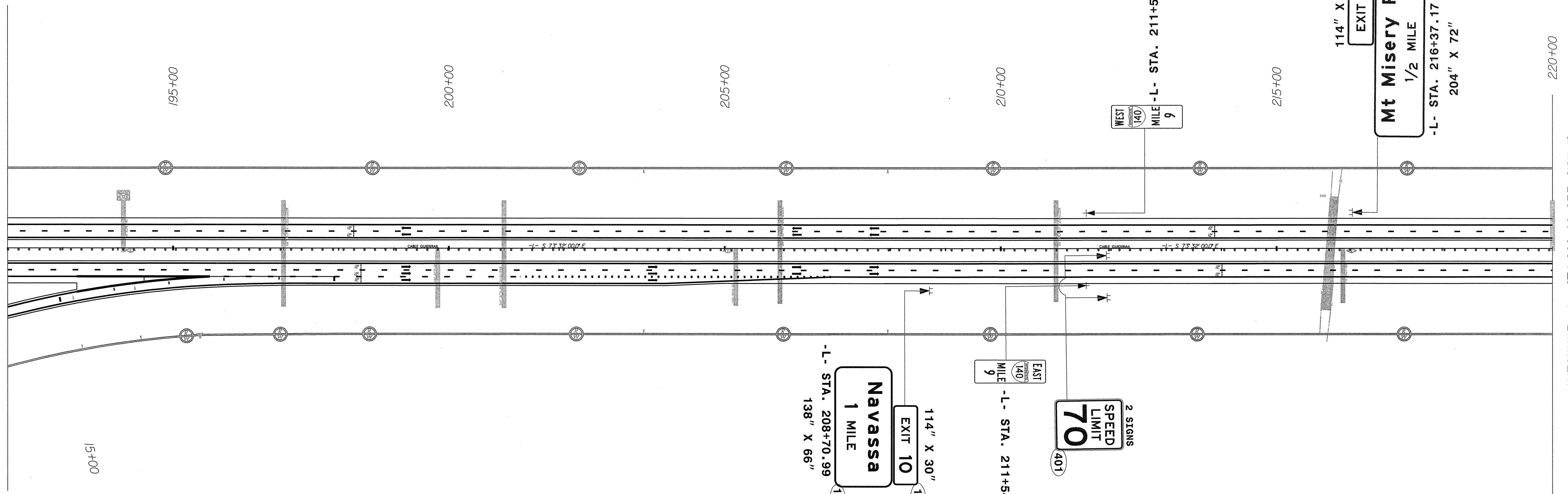
DATE: 8/17/99
 DESIGNED BY: J.B.K.
 CHECKED BY: J.B.K.
 APPROVED BY: J.B.K.
 PLOTTED BY: J.B.K.

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN-15
APPROVED: 	
DATE: 5/3/13	
SEAL	
	

NO.	DATE	REVISIONS

8/17/99

MATCHLINE -L- STA.192+00 SEE SIGN-15

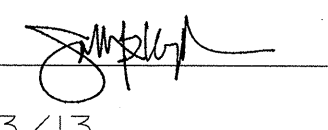
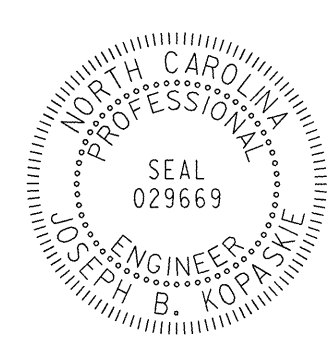


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PROPOSED SIGNS
 R-2633BA -L- STA 192+00 TO 220+00

MATCHLINE -L- STA.220+00 SEE SIGN-16

PROJECT REFERENCE NO. R-2633BA	SHEET NO. SIGN- 16
APPROVED: 	
DATE: 5/3/13	
SEAL 	

8/17/09

REVISIONS

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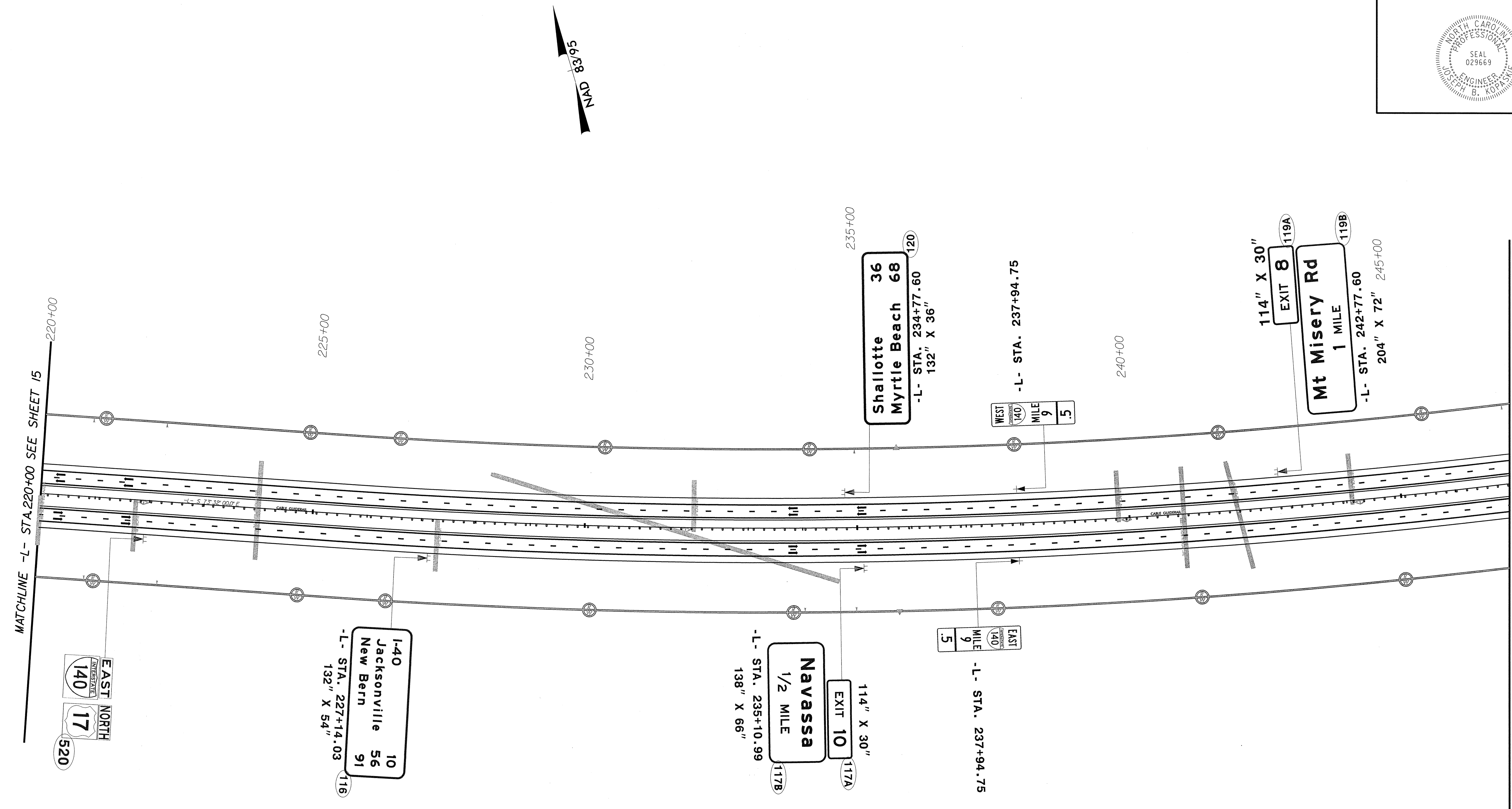
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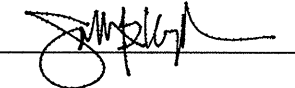
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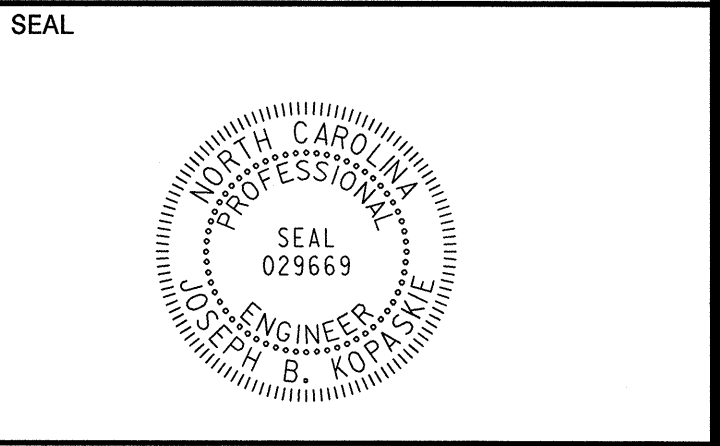
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PROPOSED SIGNS
R-2633BA -L- STA 220+00 TO 247+00

APPROVED: 
 DATE: **5/3/13**

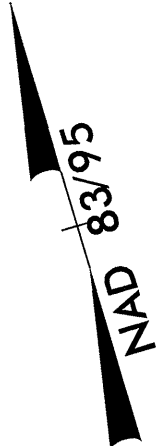
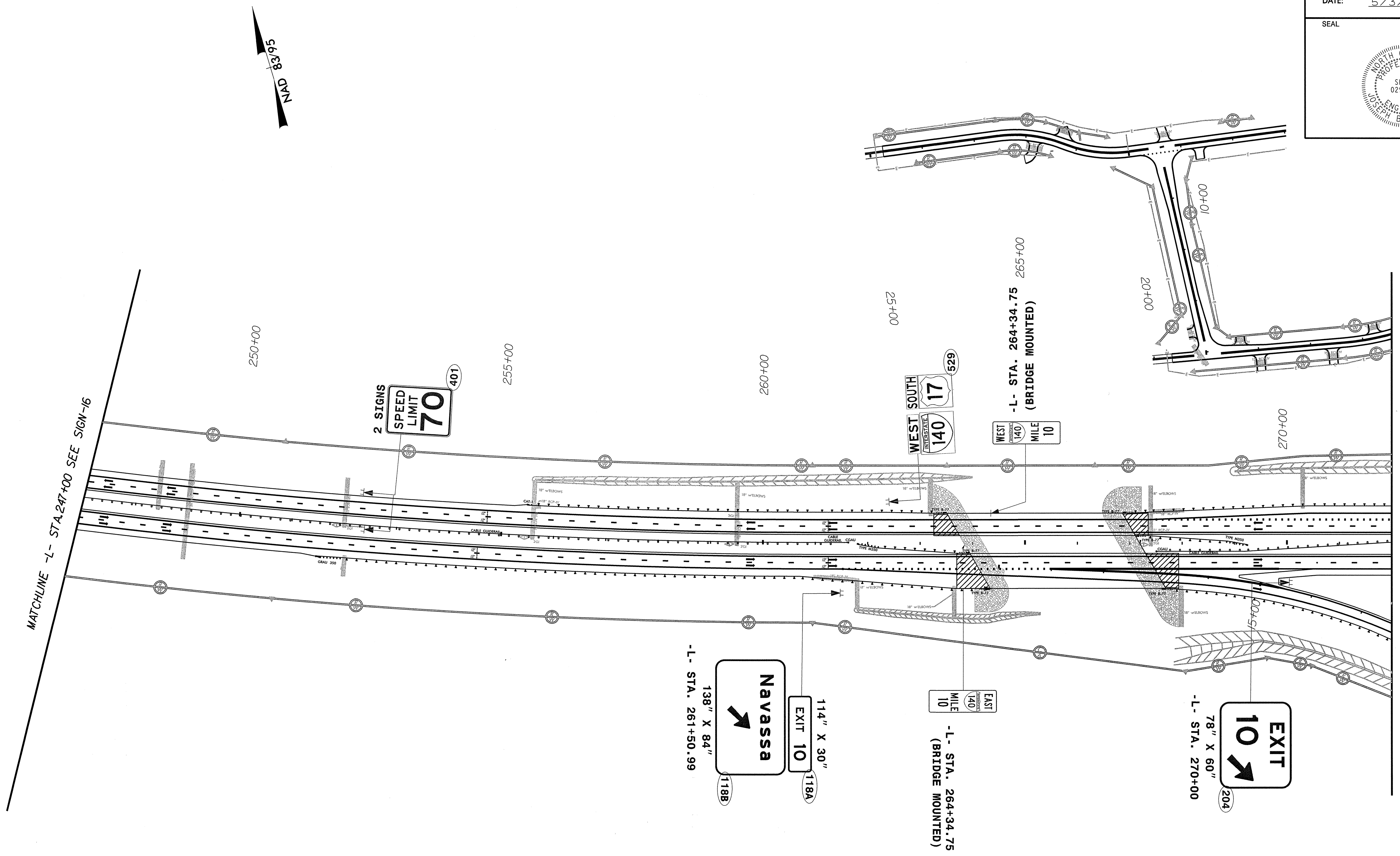


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MATCHLINE -L- STA. 247+00 SEE SIGN-16

MATCHLINE -L- STA. 272+00 SEE SIGN-18




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PROPOSED SIGNS
 R-2633BA -L- STA 247+00 TO 272+00

SECTION CUTS

8/17/99

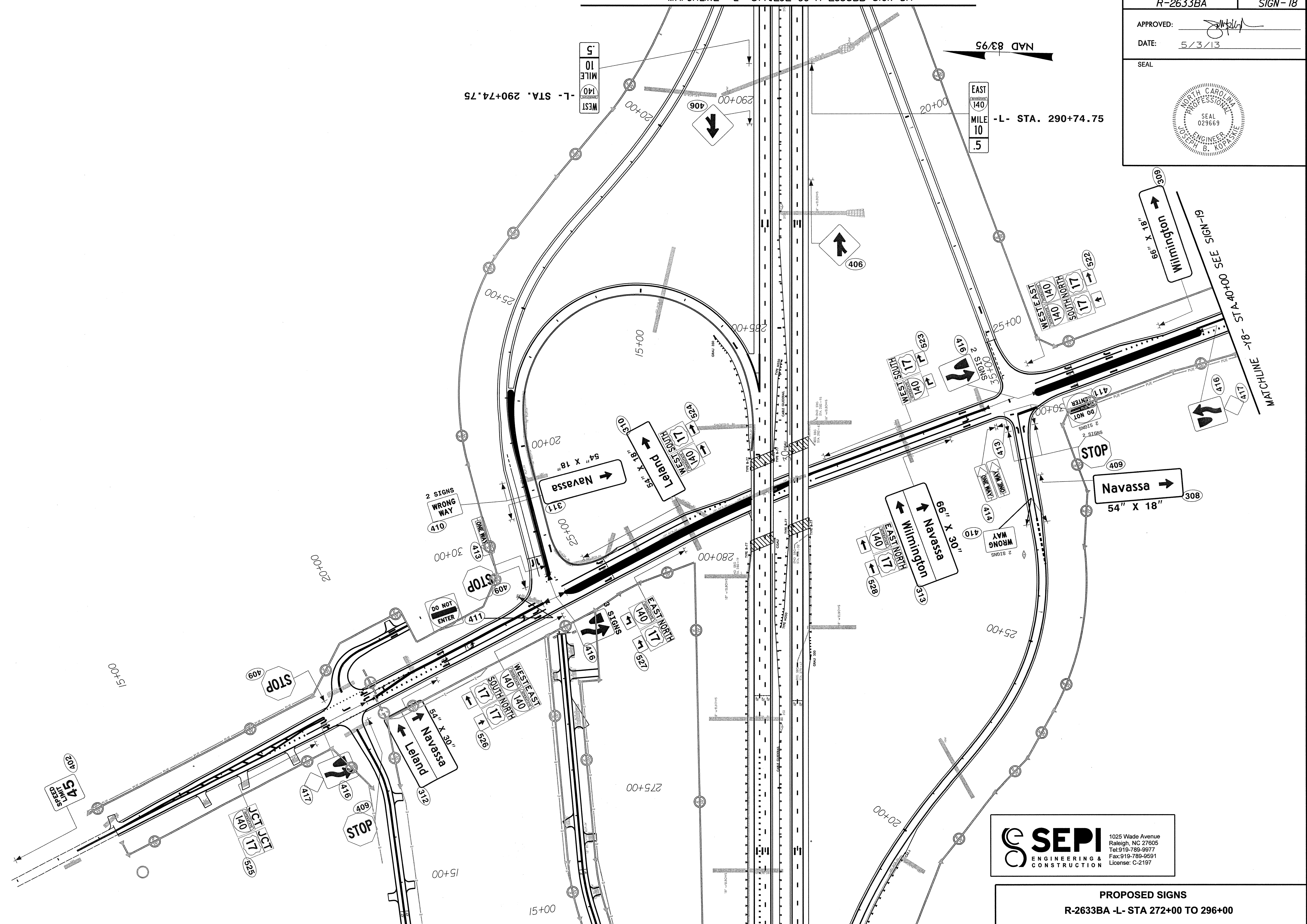
REVISIONS

MATCHLINE -L- STA.292+00 R-2633BB SIGN-5A

PROJECT REFERENCE NO. R-2633BA SHEET NO. SIGN-18

APPROVED: [Signature] DATE: 5/3/13

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER JOSEPH B. KOTAMILE SEAL 029669

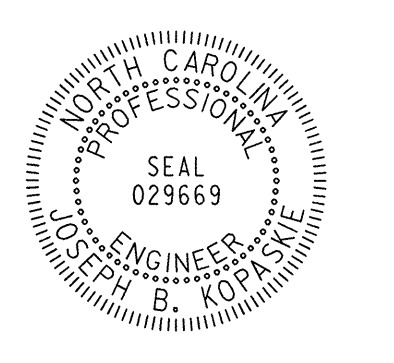


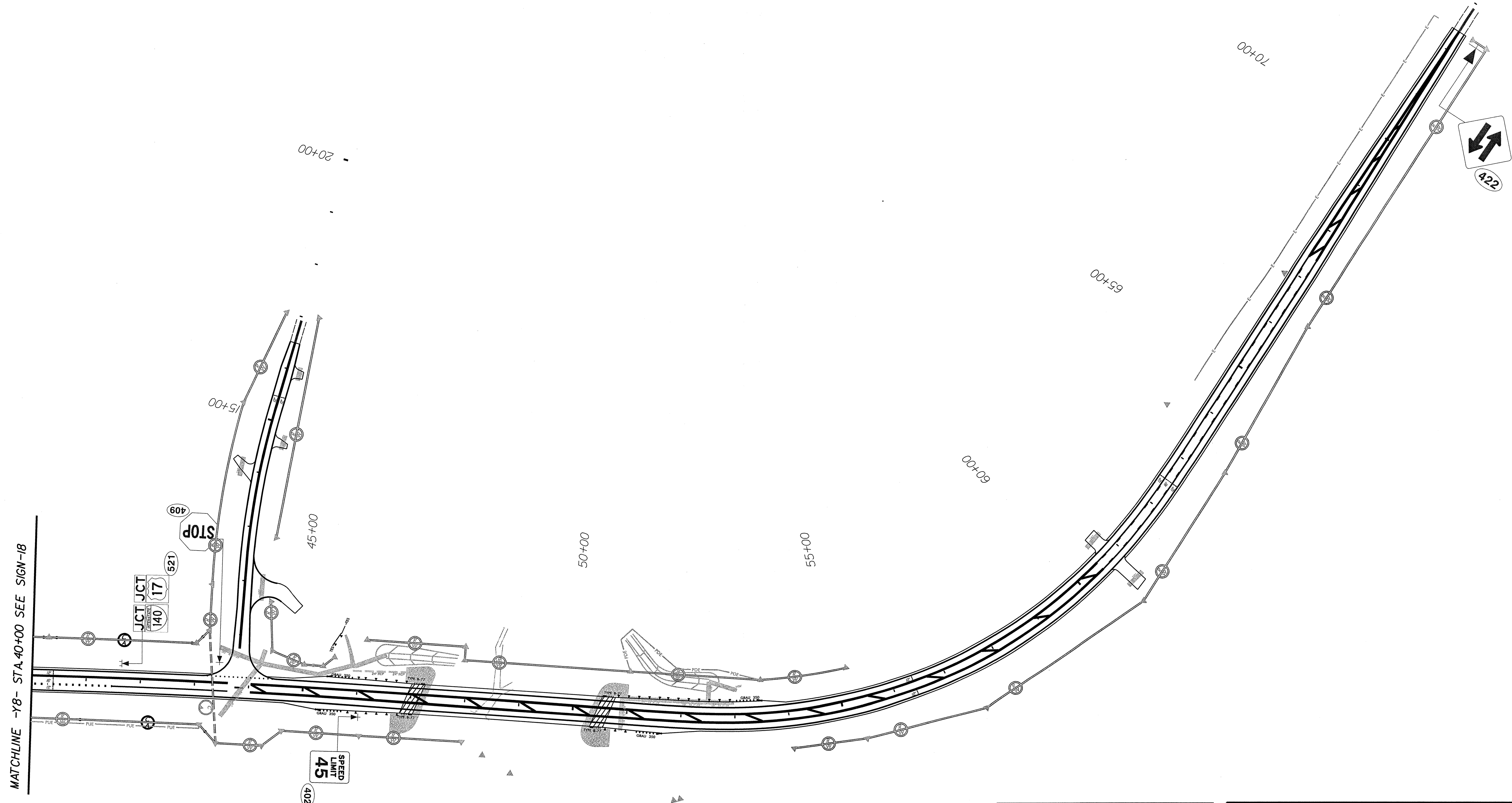
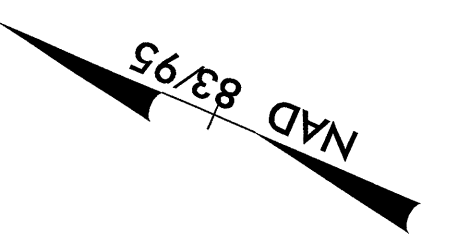
SECTION CUT 17 325 140 207 SPEED LIMIT 54

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PROPOSED SIGNS R-2633BA -L- STA 272+00 TO 296+00

MATCHLINE -L- STA.272+00 SEE SIGN-17

PROJECT REFERENCE NO. <i>R-2633BA</i>	SHEET NO. <i>SIGN-19</i>
APPROVED: <i>[Signature]</i>	
DATE: <i>5/3/13</i>	
SEAL 	



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SYSTEMS C:\DOC\N\C\ISERNAM


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PROPOSED SIGNS

R-2633BA -Y8- STA 40+00 TO 65+00