

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. U-0209B	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 10/18/12	
SEAL	

SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: US 74 (INDEPENDENCE BLVD) FROM NC 2427 TO SHARON FOREST DR

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
901.50	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
903.30	BARRIER SIGN SUPPORT ASSEMBLY
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- 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.		
4054000000	902	1	C.Y.
4057000000	SP	70	C.Y.
4060000000	903	872	LB.
4072000000	903	5166	L.F.
4079000000	903	25	EA.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4096000000	904	4	EA.
4102000000	904	209	EA.
4108000000	904	19	EA.
4110000000	904	4	EA.
4114000000	904	10	EA.
4155000000	907	113	EA.
4238000000	907	19	EA.

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN, D, E OR F
- TO BE RELOCATED BY OTHERS
- SIGNS TO BE MOUNTED BACK TO BACK IN THE MEDIUM BARRIER

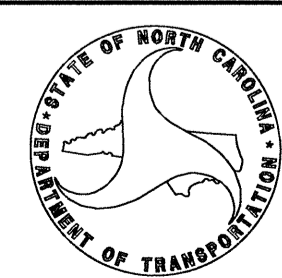
INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2A	SUPPORT INFORMATION
SIGN-3-3A	E, F AND MILEMARKER SHEETS
SIGN-4-4K	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5-20	SIGN DETAIL SHEETS

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


KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER



T.I.P.: U-0209B

CONTRACT: C202824

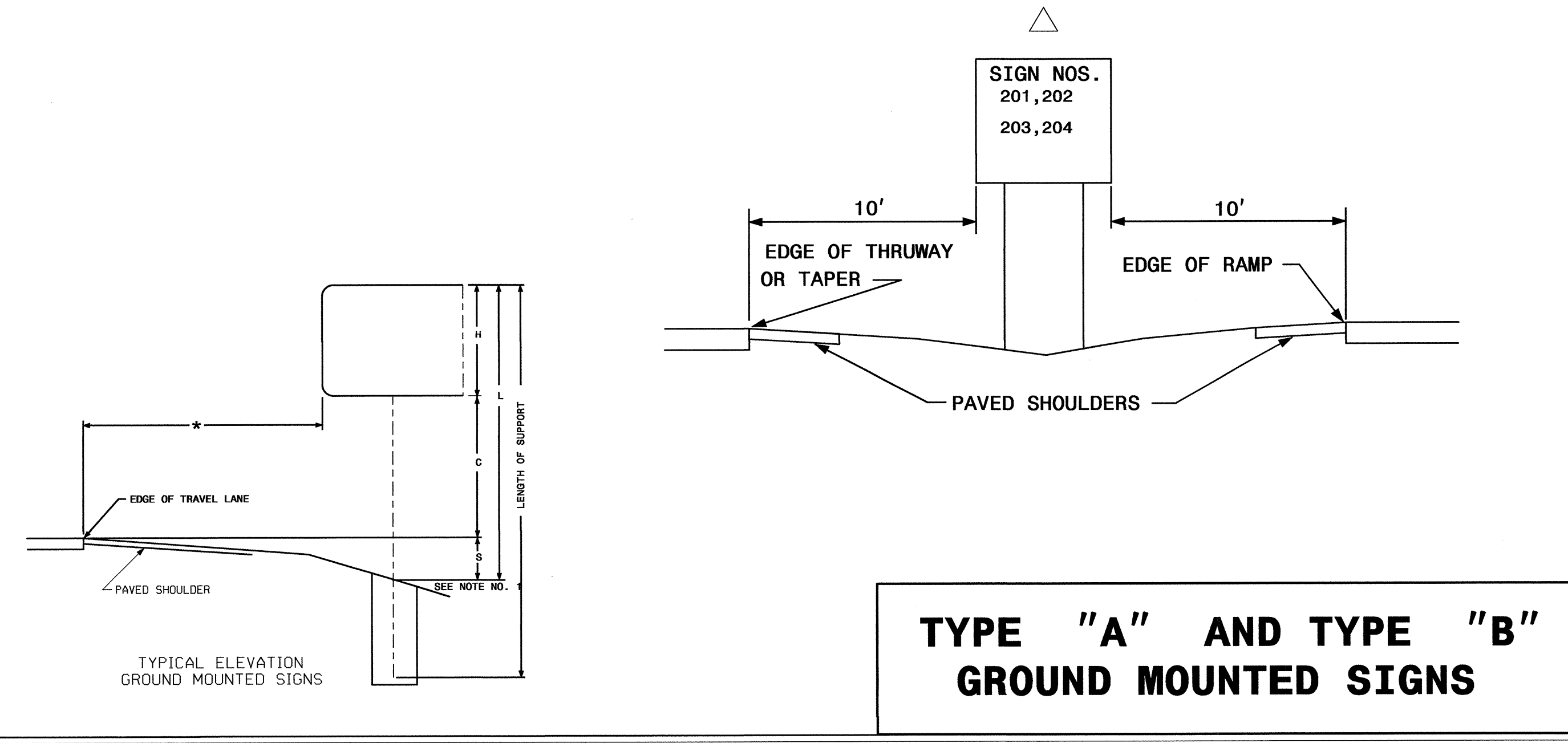
TIP NO. U-0209B	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 9/24/12	
SEAL	
	

SIGN NO.	SIGN TYPE	SIGN SIZE (in.) w x h	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)
										SNS HT	MTG HT	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH								
201	A	96 X60	LRT 37+25+/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23		
202	A	96 X60	LLT 47+87+/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23		
203	A	96 X60	LRT 91+14+/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23		
204	A	96 X60	LLT 88+94+/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23		

TOTAL
 871.73 TOTAL 0.00 TOTAL 0.00 TOTAL 0.93
 USE: 872 0 0 1

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.



I:\SFP-2012\1549
 RA\Projects\Signing\CADD\Signing Layout Plans\U-0209B_Sgn_SGN_Sign Design Sheets.dgn
 9/24/12
 Walter Johnson

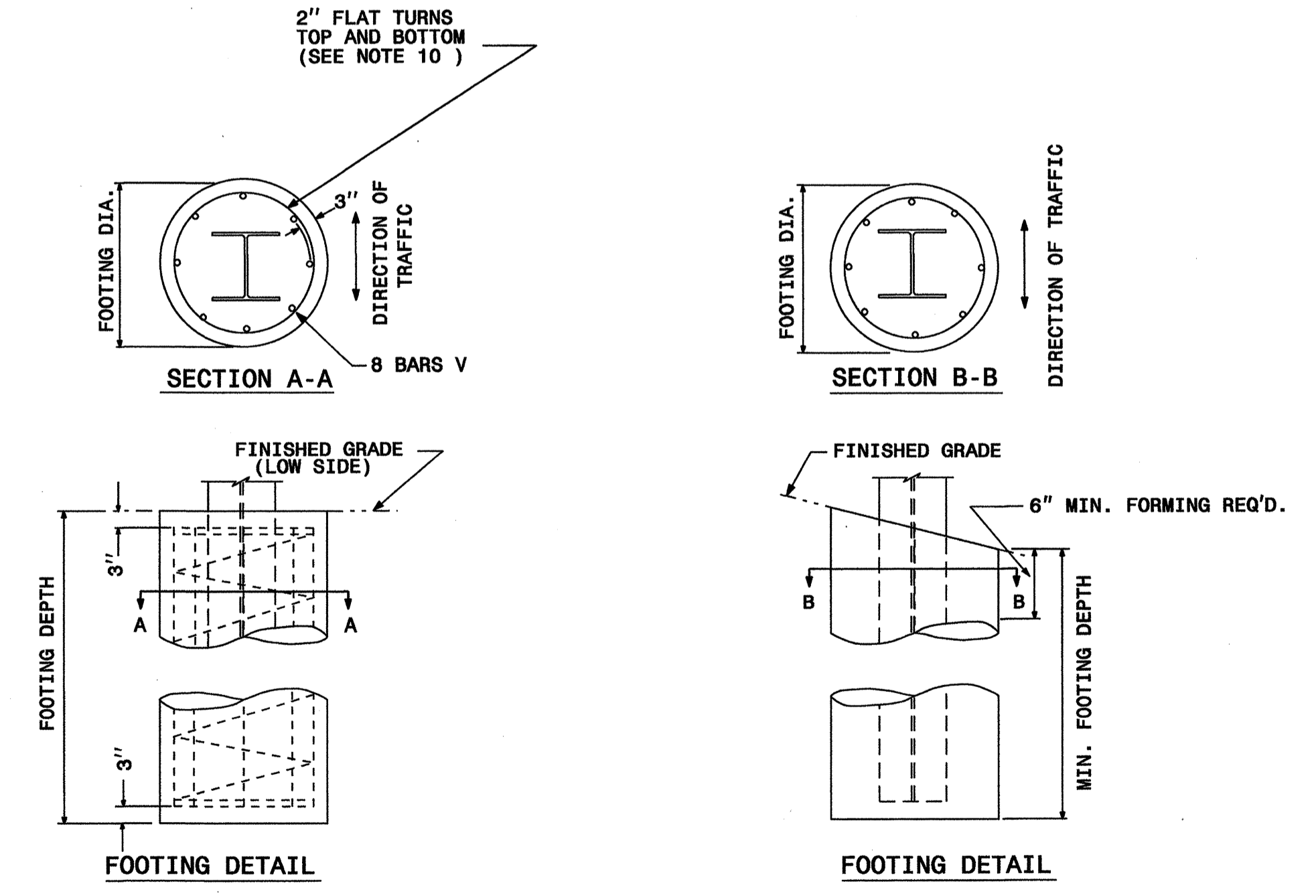
TIP NO.	SHEET NO.
U-0209B	SIGN-2A
APPROVED: <i>RAW</i>	
DATE: 3/8/12	
SEAL	

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"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 1/4"	3 1/2"	4"	1/2"	1"	1 1/2"	2"	9/32"	3/8"	18
S4X7.7	1/2"DIA. X 3"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 5/8"	3 1/2"	4"	1/2"	1"	1 1/2"	2"	9/32"	3/8"	20
W6X9	1/2"DIA. X 3"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	9/32"	3/8"	32
W6X12	5/8"DIA. X 3 3/4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	11/32"	11"	5"	1 1/4"	7/8"	3 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	3/8"	39
W6X16	5/8"DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12"	6"	1 1/4"	7/8"	4 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	47
W8X18	5/8"DIA. X 4 1/4"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/2"	11/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	70
W8X21	3/4"DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	13/32"	14"	7"	1 1/2"	1"	5"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	73
W10X22	3/4"DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	119
W10X26	3/4"DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16 1/2"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	140
W12X26	3/4"DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18 1/2"	9"	1 1/2"	1"	7"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	176
W14X30	1"DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	17/32"	22"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	17/32"	5/8"	205
W16X31	1"DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	17/32"	24"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	223
W18X35	1"DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	243
W18X40	1"DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	17/32"	26"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	278
W21X44	1"DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	17/32"	29"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	310



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

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS

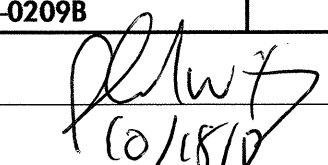
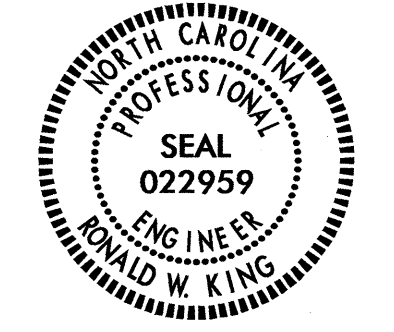
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

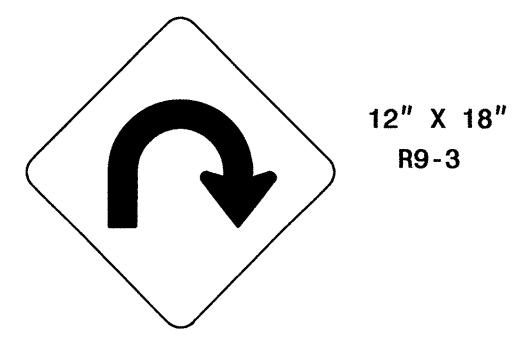
SHEET 2 OF 3
903D10

**REVISED SIGNING
 ROADWAY STANDARD DRAWING**

08-MAR-2012 11:01 S:\S&DU\Standard Drawings\Standard Drawings\8-17-11\Revised\090310_sgn_sht02_gm_support_Revise_Sedled.dgn

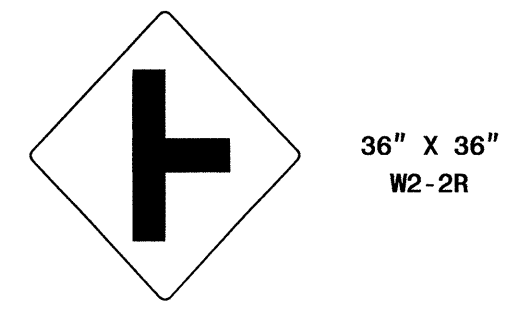
TIP NO. U-0209B	SHEET NO. SIGN-3
APPROVED: 	
DATE: 10/18/12	
SEAL 	

401 QUANTITY REQ'D 1



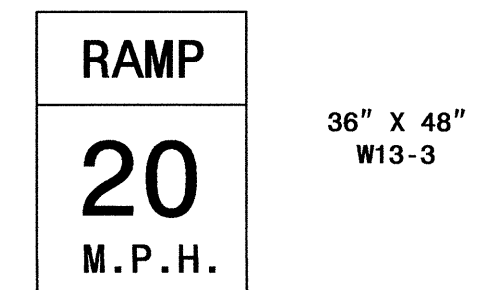
ONE "U" POST PER SIGN

406 QUANTITY REQ'D 1



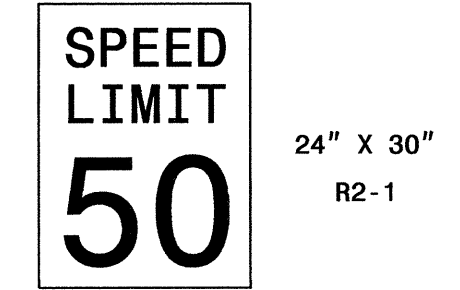
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411 QUANTITY REQ'D 2



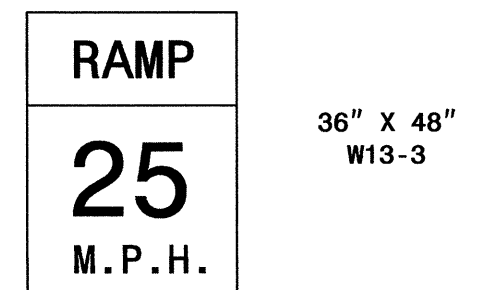
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416 QUANTITY REQ'D 4



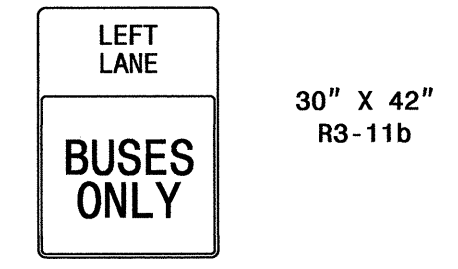
ONE "U" POST PER SIGN

421 QUANTITY REQ'D 2



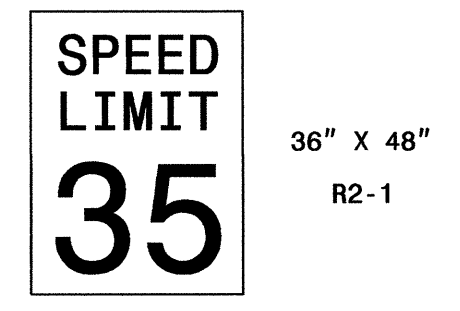
ONE "U" POST PER SIGN

426 QUANTITY REQ'D 7



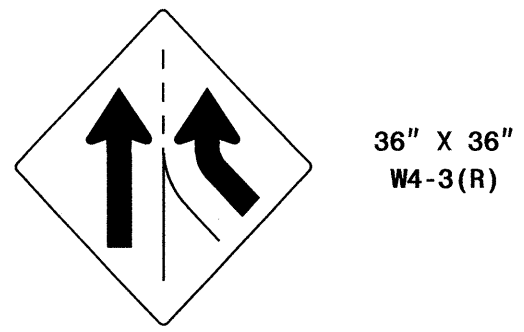
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402 QUANTITY REQ'D 9



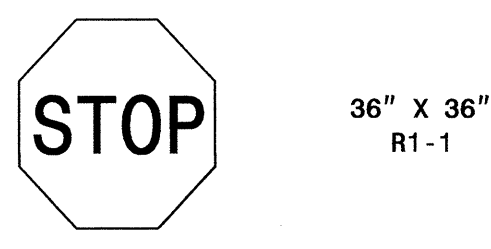
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407 QUANTITY REQ'D 7



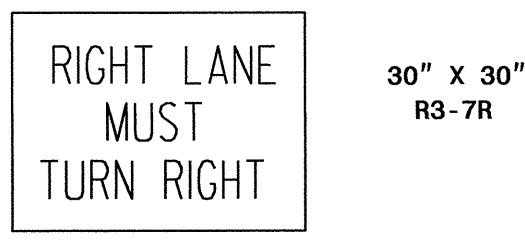
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412 QUANTITY REQ'D 26



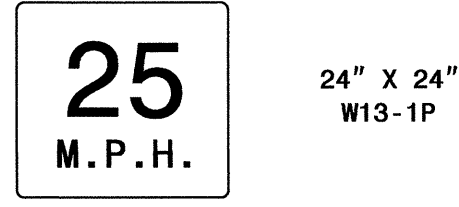
MOUNT BELOW SIGN 419.
IN 19 INSTALLATIONS
ONE "U" POST PER SIGN

417 QUANTITY REQ'D 6



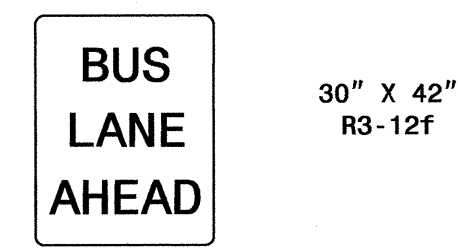
MOUNT BACK TO BACK WITH SIGN 424.
IN 1 INSTALLATIONS
ONE "U" POST PER SIGN

422 QUANTITY REQ'D 3



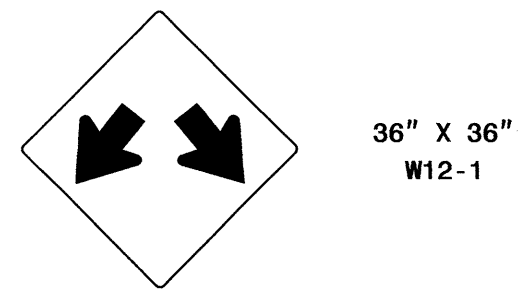
MOUNT BELOW SIGN 419.
IN 3 INSTALLATIONS

427 QUANTITY REQ'D 2



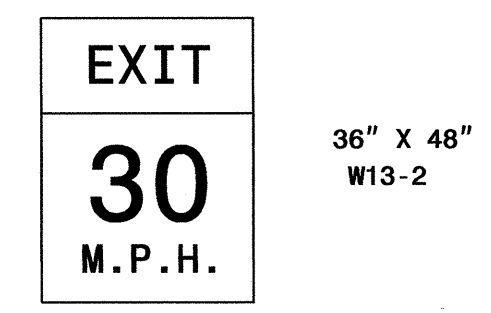
ONE "U" POST PER SIGN

430 QUANTITY REQ'D 2



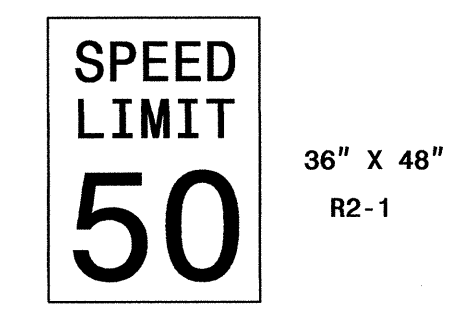
ONE "U" POST PER SIGN

403 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

408 QUANTITY REQ'D 4



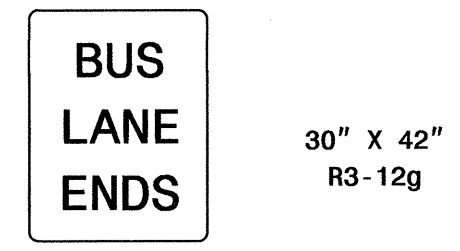
ONE "U" POST PER SIGN

413 QUANTITY REQ'D 25



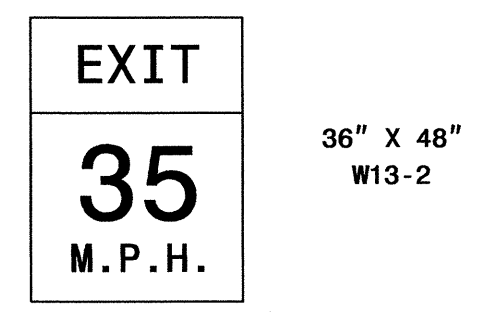
TWO "U" POSTS PER SIGN

418 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

423 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

428 QUANTITY REQ'D 2



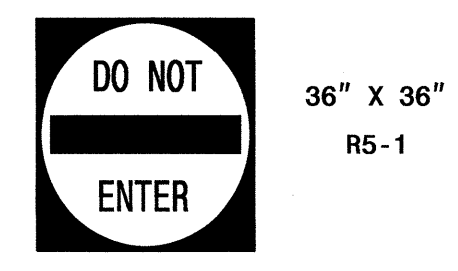
ONE "U" POST PER SIGN

431 QUANTITY REQ'D 17



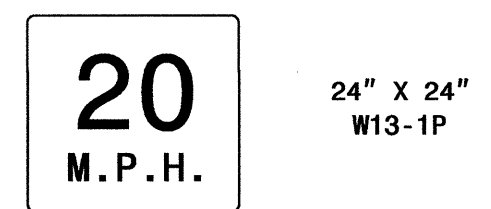
YELLOW/GREEN REFLECTIVE SHEETING
ONE "U" POST PER SIGN

404 QUANTITY REQ'D 8



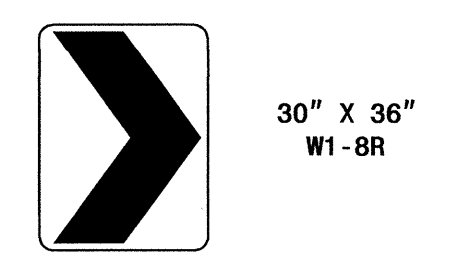
ONE "U" POST PER SIGN

409 QUANTITY REQ'D 2



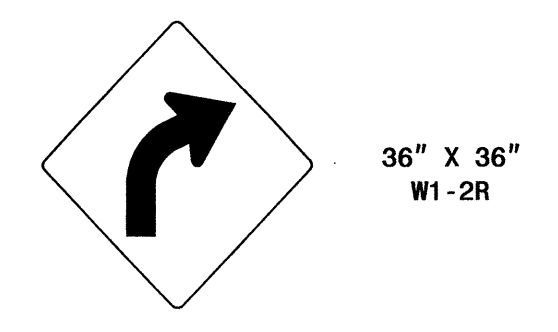
MOUNT BELOW SIGN 419.
IN 2 INSTALLATIONS

414 QUANTITY REQ'D 10



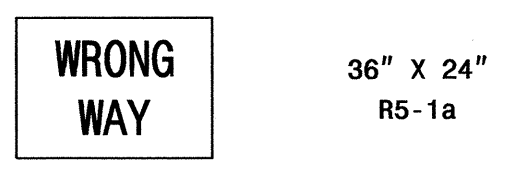
ONE "U" POST PER SIGN

419 QUANTITY REQ'D 4



ONE "U" POST PER SIGN

424 QUANTITY REQ'D 12



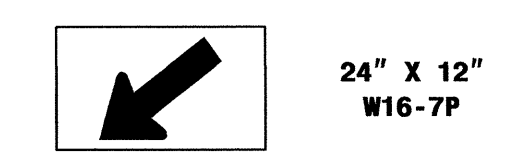
ONE "U" POST PER SIGN

429 QUANTITY REQ'D 2



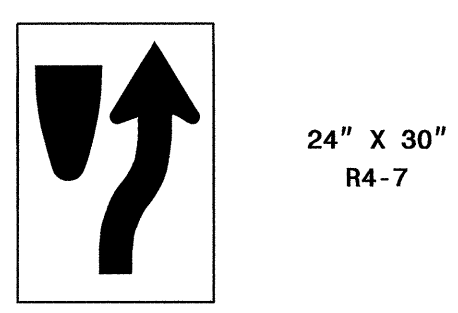
MOUNT BELOW SIGN 429.
IN 2 INSTALLATIONS

432 QUANTITY REQ'D 17



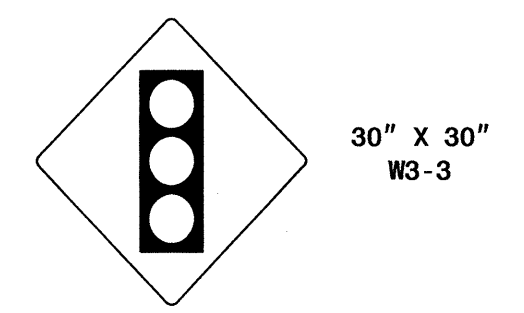
YELLOW/GREEN REFLECTIVE SHEETING
MOUNT BELOW SIGN 431
IN 17 INSTALLATIONS

405 QUANTITY REQ'D 15



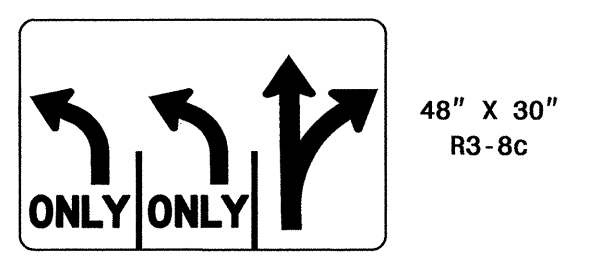
ONE "U" POST PER SIGN

410 QUANTITY REQ'D 4



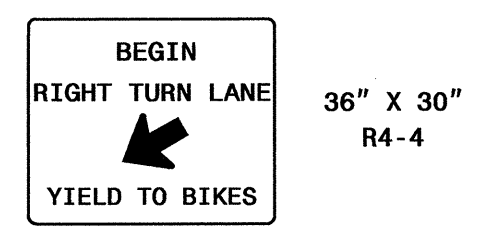
ONE "U" POST PER SIGN

415 QUANTITY REQ'D 1



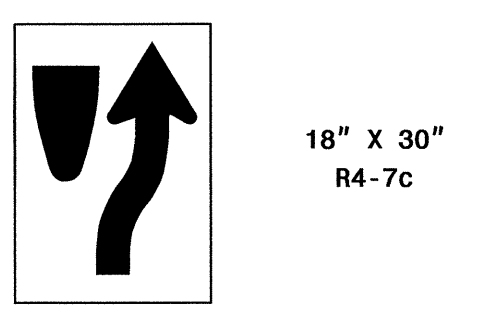
TWO "U" POSTS PER SIGN

420 QUANTITY REQ'D 2



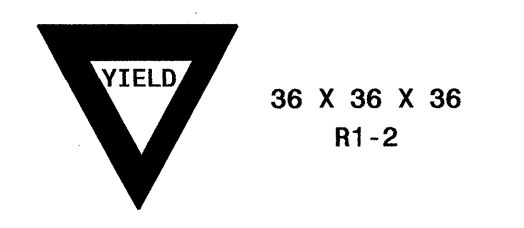
ONE "U" POST PER SIGN

425 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

433 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

TYPE "E" SIGNS

18-QCT-2012-09-30
 R:\Projects\Signing\CADD\Signing Layout Plans\U-0209B_Sgn_Sgn_Sign Design Sheets.dgn
 Walter Johnson

APPROVED: *[Signature]*
DATE: 9/12/12



501

EAST 1-30" X 15"
74 1-36" X 36"
→ 1-21" X 15"

ONE "U" POST PER SIGN

506

WEST 1-30" X 15"
74 1-36" X 36"
→ 1-21" X 15"

ONE "U" POST PER SIGN

514

WEST 1-30" X 15"
74 1-36" X 36"
← 1-21" X 15"

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

WEST 18" X 60"
74
MILE
246
.2

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

EAST 18" X 60"
74
MILE
247
.4

ONE "U" POST PER SIGN

502 **511**
507 **516**

JCT 1-30" X 15"
74 1-36" X 36"

ONE "U" POST PER SIGN

508

WEST EAST 2-30" X 15"
74 74 2-36" X 36"
← ↑ 2-21" X 15"
RIGHT LANE 1-24" X 18"

TWO "U" POSTS PER SIGN

515

EAST WEST 2-30" X 15"
74 74 2-36" X 36"
← ↑ 2-21" X 15"

TWO "U" POSTS PER SIGN

QUANTITY REQ'D 1

EAST 18" X 60"
74
MILE
246
.6

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

WEST 18" X 60"
74
MILE
247
.4

ONE "U" POST PER SIGN

503

EAST WEST 2-30" X 15"
74 74 2-36" X 36"
← ↑ 2-21" X 15"
RIGHT LANE 1-24" X 18"

TWO "U" POSTS PER SIGN

509 **513**

WEST 1-30" X 15"
74 1-36" X 36"

ONE "U" POST PER SIGN

517

EAST WEST 2-30" X 15"
74 74 2-36" X 36"
↑ → 2-21" X 15"
LEFT LANE 1-24" X 18"

TWO "U" POSTS PER SIGN

QUANTITY REQ'D 1

WEST 18" X 60"
74
MILE
246
.6

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

EAST 18" X 60"
74
MILE
247
.8

ONE "U" POST PER SIGN

504

EAST WEST 2-30" X 15"
74 74 2-36" X 36"
↑ → 2-21" X 15"

TWO "U" POSTS PER SIGN

510

EAST 1-30" X 15"
74 1-36" X 36"
← 1-21" X 15"

ONE "U" POST PER SIGN

519

TO 1-30" X 15"
EAST 1-30" X 15"
27 1-36" X 36"
→ 1-21" X 15"

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

EAST 18" X 60"
74
MILE
247
.0

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

WEST 18" X 60"
74
MILE
247
.8

ONE "U" POST PER SIGN

505 **518**

EAST 1-30" X 15"
74 1-36" X 36"

ONE "U" POST PER SIGN

512

WEST EAST 2-30" X 15"
74 74 2-36" X 36"
↑ → 2-21" X 15"
LEFT LANE 1-24" X 18"

TWO "U" POSTS PER SIGN

QUANTITY REQ'D 1

EAST 18" X 60"
74
MILE
246
.2

ONE "U" POST PER SIGN

QUANTITY REQ'D 1

WEST 18" X 60"
74
MILE
247
.0

ONE "U" POST PER SIGN

TYPE "F" SIGNS & MILEMARKERS

10-SEP-2012 16:00 R:\Traffic\Signing\CADD\Signing Layout Plans U-0209B_Sgn_SGN_Sign Design Sheets.dgn walter-johnson AT 1E24751B

TIP NO. U-0209B	SHEET NO. SIGN-4
APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	

SIGN NUMBER: 1A,2A,7A,8A TYPE: B QUANTITY: 4 SIGN WIDTH: 11'-0" HEIGHT: 2'-6" TOTAL AREA: 27.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0" RADII: 0" NO. Z BARS: 2 LENGTH: 124.0 USE NOTES: 1,2 1. Legend and border(except those that are colored black) shall be direct applied Grade B sheeting. 2. Background shall be Grade C reflective sheeting.	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
--	--	--

Spacing Factor is 1 unless specified otherwise

Letter positions											Series/Size
Letter spacings are to start of next letter											Text Length
E	X	I	T	2	4	6					E 2000
21.7	8.9	10.7	3.5	7.5	15	13.8	17.1	12.1	21.7		88.6

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3A,4A,5A,6A TYPE: B QUANTITY: 4 SIGN WIDTH: 11'-0" HEIGHT: 2'-6" TOTAL AREA: 27.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0" RADII: 0" NO. Z BARS: 2 LENGTH: 124.0 USE NOTES: 1,2 1. Legend and border(except those that are colored black) shall be direct applied Grade B sheeting. 2. Background shall be Grade C reflective sheeting.	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
--	--	--

Spacing Factor is 1 unless specified otherwise

Letter positions											Series/Size
Letter spacings are to start of next letter											Text Length
E	X	I	T	2	4	7					E 2000
22.1	8.9	10.7	3.5	7.5	15	13.8	16.2	12.2	22.1		87.8

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 1B TYPE: A QUANTITY: 1 SIGN WIDTH: 21'-6" HEIGHT: 6'-0" TOTAL AREA: 129.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 250.0 USE NOTES: 1,2,3 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting. 2. Background shall be Grade C reflective sheeting. 3. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 250" X 72", INSET 0.5", BOARDER 1.5".	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT AR_Down 108.6 8 32 22 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
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Spacing Factor is 1 unless specified otherwise

Letter positions															Series/Size		
Letter spacings are to start of next letter															Text Length		
S	H	A	R	O	N	A	M	I	T	Y	R	D			E 2000		
17.6	17.9	15.5	17	10.4	15.8	10.6	16	20	24	8	11.7	13.6	16	15.8	10.6	17.6	222.9
E	X	I	T												E 2000		
57.3	11.4	13.9	5.1	9	161.2										39.5		
O	N	L	Y												E 2000		
152.8	12.8	12.8	10	12.2	57.3										47.9		

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2B TYPE: A QUANTITY: 1 SIGN WIDTH: 21'-6" HEIGHT: 6'-0" TOTAL AREA: 129.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 250.0 USE NOTES: 1,2,3 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting. 2. Background shall be Grade C reflective sheeting. 3. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 250" X 72", INSET 0.5", BOARDER 1.5".	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT AR_Type A 111.1 5.2 22.9 35 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
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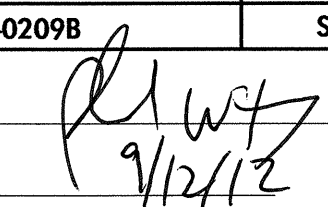

Spacing Factor is 1 unless specified otherwise

Letter positions															Series/Size		
Letter spacings are to start of next letter															Text Length		
S	H	A	R	O	N	A	M	I	T	Y	R	D			E 2000		
17.6	17.9	15.5	17	10.4	15.8	10.6	16	20	24	8	11.7	13.6	16	15.8	10.6	17.6	222.9
E	X	I	T												E 2000		
59.6	11.4	13.9	5.1	9	158.9										39.5		
O	N	L	Y												E 2000		
150.7	12.8	12.7	9.9	12.2	59.6										47.7		

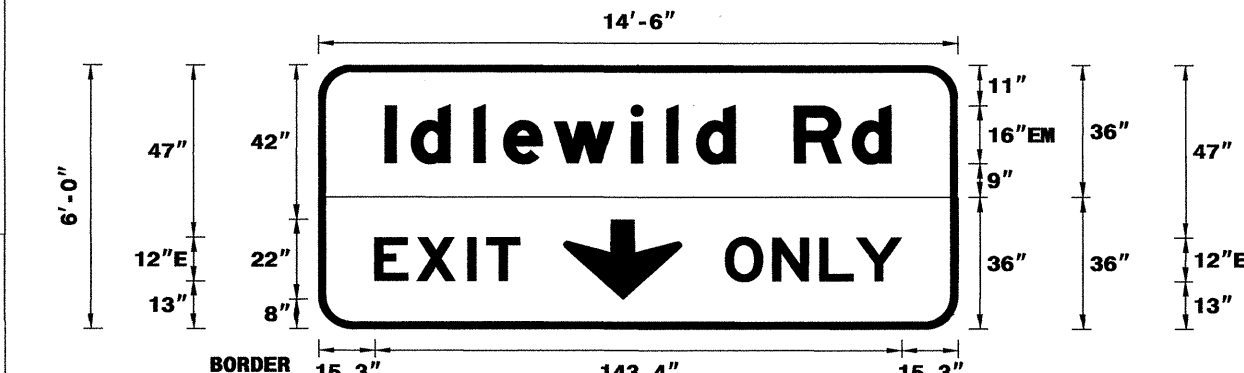
FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

10-SEP-2012 16:01 C:\gimms\CADD\Signing Layout Plans\U-0209B-Sgn-SGN-Sign Design Sheets.dgn
 W. Johnson

TIP NO. U-0209B	SHEET NO. SIGN-4A
APPROVED: 	
DATE: 9/12/12	
SEAL	
	

SIGN NUMBER: 38,58 TYPE: A QUANTITY: 2 SIGN WIDTH: 14'-6" HEIGHT: 6'-0" TOTAL AREA: 87.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 166.0	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_Down</td> <td>66.6</td> <td>8</td> <td>32</td> <td>22</td> </tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Down	66.6	8	32	22	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
SYMBOL	X	Y	WID	HT								
AR_Down	66.6	8	32	22								



USE NOTES: 1,2,3

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

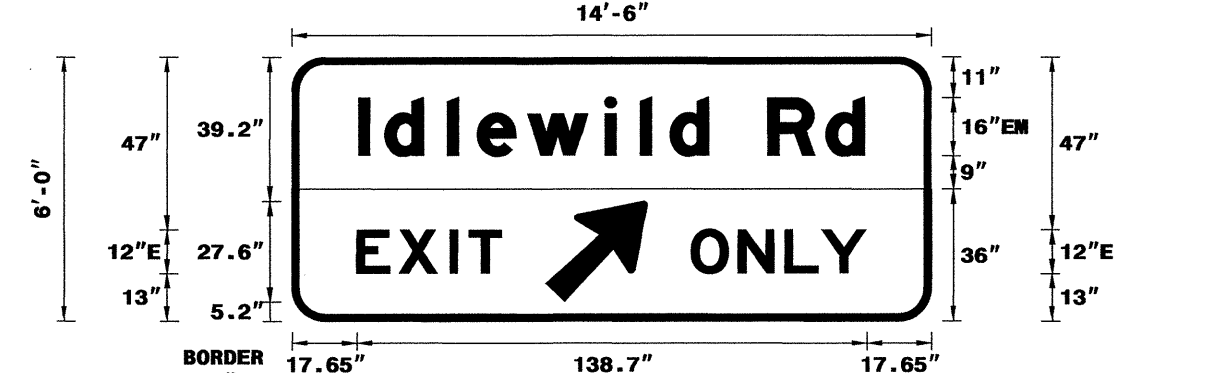
Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 174" X 72", INSET 0.5", BOARDER 1.5".

Spacing Factor is 1 unless specified otherwise

Letter positions												Series/Size
Letter spacings are to start of next letter												Text Length
I	d	l	e	w	i	l	d	R	d			EM 2000
18.1	7.2	17	8.2	13.8	21	9.6	8.2	10.6	16	15.8	10.6	137.8
E	X	I	T									E 2000
15.3	11.4	13.9	5.1	9	119.2							39.5
O	M	L	Y									E 2000
110.8	12.8	12.8	10	12.2	15.3							47.9

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 48,6B TYPE: A QUANTITY: 2 SIGN WIDTH: 14'-6" HEIGHT: 6'-0" TOTAL AREA: 87.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 166.0	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 A</td> <td>69.1</td> <td>5.2</td> <td>22.3</td> <td>35</td> </tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type A	69.1	5.2	22.3	35	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
SYMBOL	X	Y	WID	HT								
AR_Type A	69.1	5.2	22.3	35								



USE NOTES: 1,2,3

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

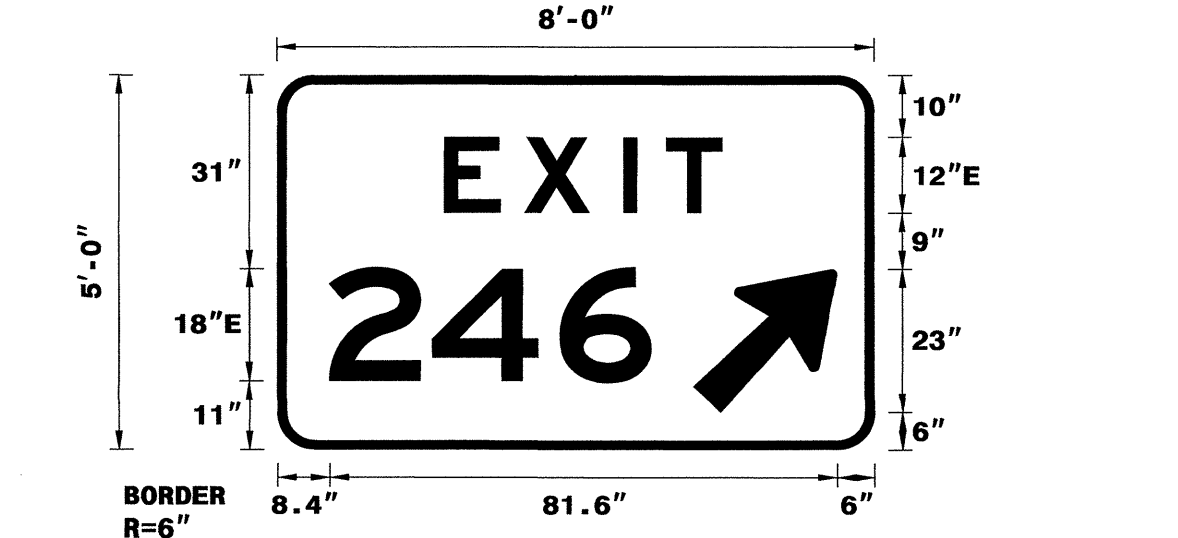
Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 174" X 72", INSET 0.5", BOARDER 1.5".

Spacing Factor is 1 unless specified otherwise

Letter positions												Series/Size
Letter spacings are to start of next letter												Text Length
I	d	l	e	w	i	l	d	R	d			EM 2000
18.1	7.2	17	8.2	13.8	21	9.6	8.2	10.6	16	15.8	10.6	137.8
E	X	I	T									E 2000
17.6	11.4	13.9	5.1	9	116.9							39.5
O	M	L	Y									E 2000
108.7	12.8	12.7	9.9	12.2	17.6							47.7

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 201,202 TYPE: A QUANTITY: 2 SIGN WIDTH: 8'-0" HEIGHT: 5'-0" TOTAL AREA: 40.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 6" NO. Z BARS: 2 LENGTH: 88.0	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 A</td> <td>67</td> <td>6</td> <td>18.5</td> <td>29.2</td> </tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type A	67	6	18.5	29.2	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
SYMBOL	X	Y	WID	HT								
AR_Type A	67	6	18.5	29.2								



USE NOTES: 1,2

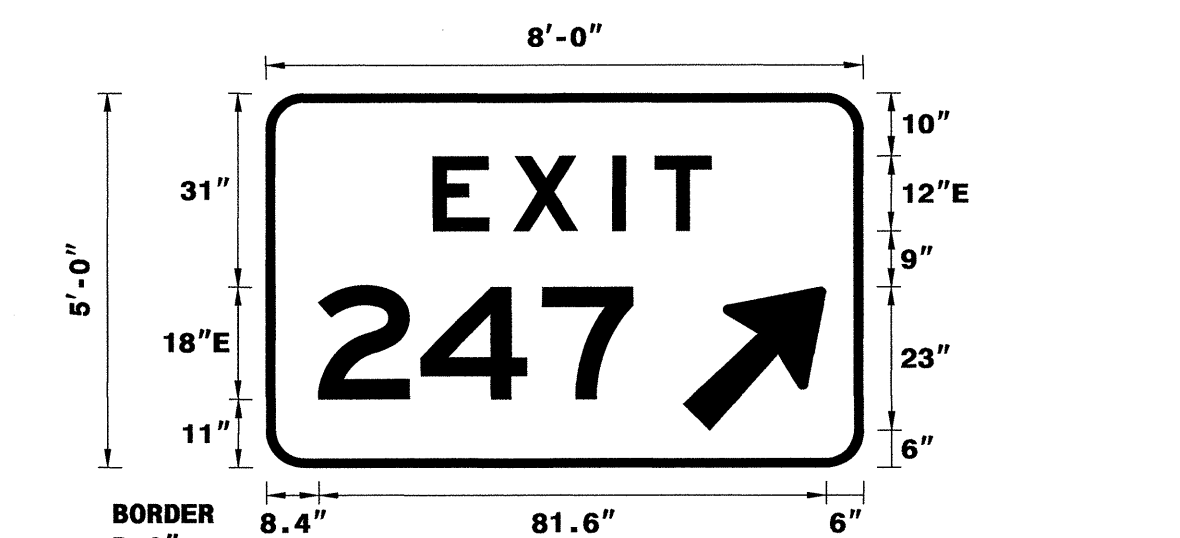
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter positions												Series/Size
Letter spacings are to start of next letter												Text Length
E	X	I	T									E 2000
26.9	12.9	16	6.9	9	24.4							44.7
												E 2000
8.4	16.6	20.5	14.6	35.9								51.7

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 203,204 TYPE: A QUANTITY: 2 SIGN WIDTH: 8'-0" HEIGHT: 5'-0" TOTAL AREA: 40.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 6" NO. Z BARS: 2 LENGTH: 88.0	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 A</td> <td>67</td> <td>6</td> <td>18.5</td> <td>29.2</td> </tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type A	67	6	18.5	29.2	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Jul 09, 2012
SYMBOL	X	Y	WID	HT								
AR_Type A	67	6	18.5	29.2								



USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

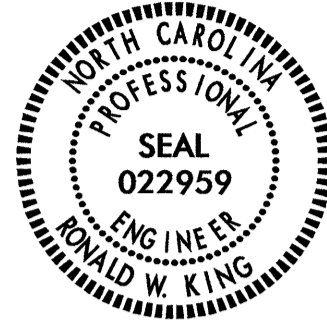
Letter positions												Series/Size
Letter spacings are to start of next letter												Text Length
E	X	I	T									E 2000
26.9	12.9	16	6.9	9	24.4							44.7
												E 2000
8.4	16.6	19.4	14.6	37								50.6

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

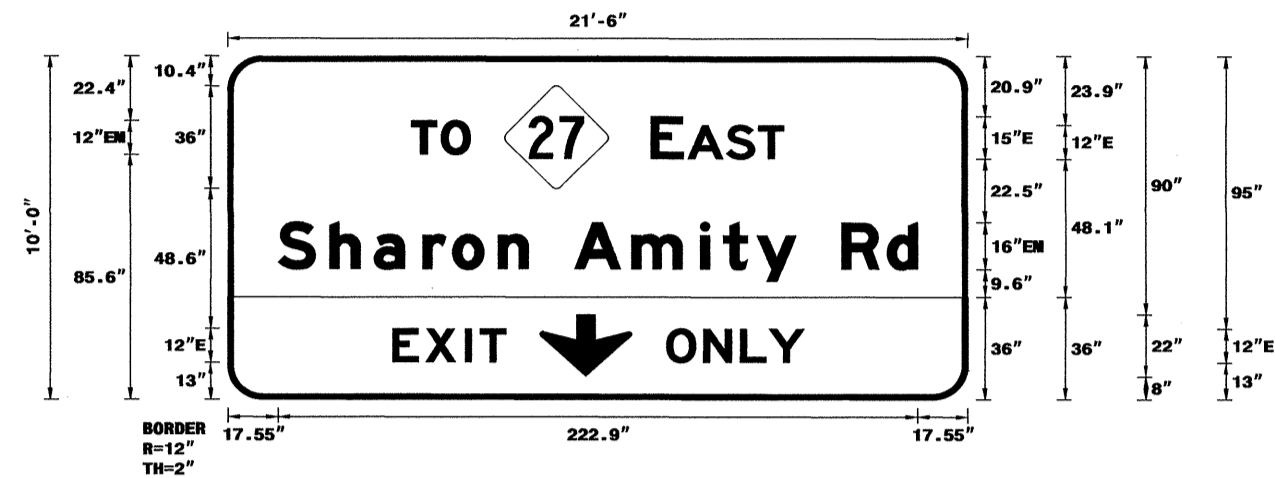
SIGN DESIGNS

10-SEP-2012 16:01
 R:\Projects\Signing\CADD\Signing Layout Plans\U-0209B_Sgn_SGN_Sign Design Sheets.dgn
 Walter Johnson

TIP NO. U-0209B	SHEET NO. SIGN-4B
APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	



SIGN NUMBER: 7B TYPE: A QUANTITY: 1 SIGN WIDTH: 21'-6" HEIGHT: 10'-0" TOTAL AREA: 215.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 250.0	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>N1-5-2-36-15C</td> <td>96.6</td> <td>73.6</td> <td>36</td> <td>36</td> </tr> <tr> <td>ARDOWN</td> <td>108.8</td> <td>8</td> <td>32</td> <td>22</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	N1-5-2-36-15C	96.6	73.6	36	36	ARDOWN	108.8	8	32	22	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Aug 28, 2012
SYMBOL	X	Y	WID	HT													
N1-5-2-36-15C	96.6	73.6	36	36													
ARDOWN	108.8	8	32	22													



USE NOTES: 1,2,3

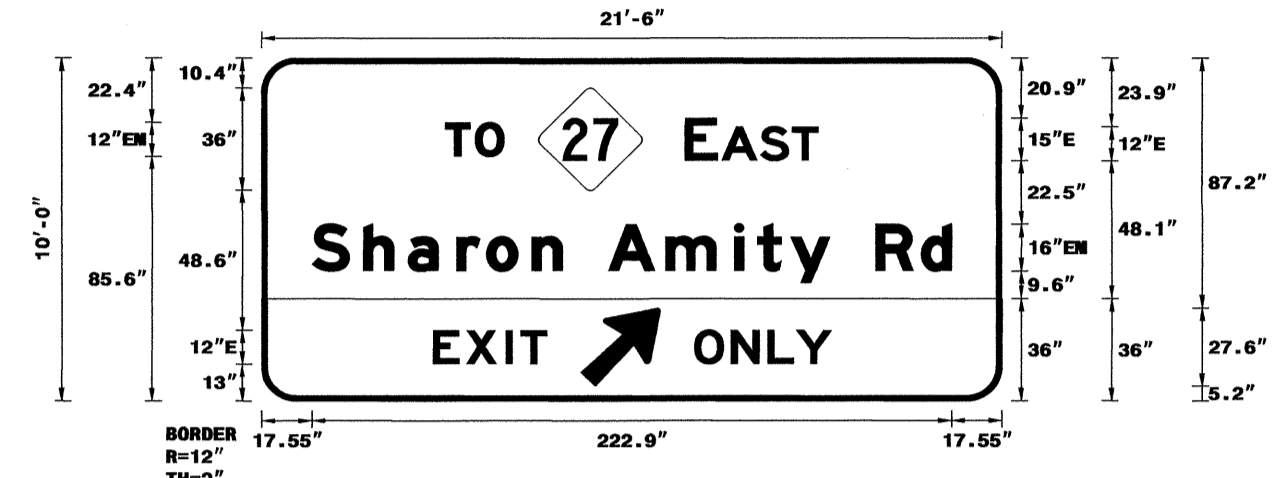
- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 258" X 120", INSET 0.5", BOARDER 1.5".

Spacing Factor is 1 unless specified otherwise

Letter positions										Series/Size							
Letter spacings are to start of next letter										Text Length							
	T	O								EM 2000							
64	10.6	10.1	173.4							20.6							
	E	A	S	T						E 2000							
147.6	11.3	1.5	13.6	11	9	64				46.4							
	S	H	A	R	O	N	A	M	I	T	Y	R	D	EM 2000			
17.6	17.9	15.5	17	10.4	15.8	10.6	16	20	24	8	11.7	13.6	16	15.8	10.6	17.6	222.9
	E	X	I	T													E 2000
57.5	11.4	13.9	5.1	9	161												39.5
	O	N	L	Y													E 2000
153	12.8	12.8	10	12.2	57.1												47.9

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8B TYPE: A QUANTITY: 1 SIGN WIDTH: 21'-6" HEIGHT: 10'-0" TOTAL AREA: 215.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 250.0	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>N1-5-2-36-15C</td> <td>96.6</td> <td>73.6</td> <td>36</td> <td>36</td> </tr> <tr> <td>AR_Type A</td> <td>111.2</td> <td>5.2</td> <td>22.3</td> <td>35</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	N1-5-2-36-15C	96.6	73.6	36	36	AR_Type A	111.2	5.2	22.3	35	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Aug 28, 2012
SYMBOL	X	Y	WID	HT													
N1-5-2-36-15C	96.6	73.6	36	36													
AR_Type A	111.2	5.2	22.3	35													



USE NOTES: 1,2,3

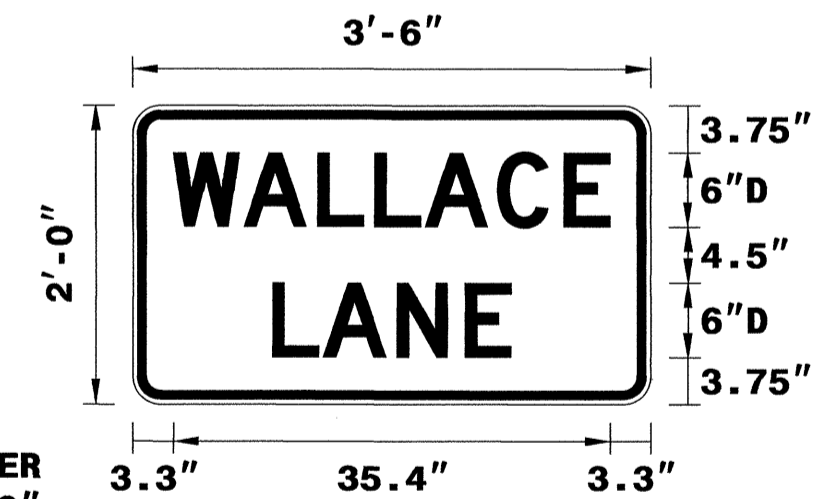
- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 258" X 120", INSET 0.5", BOARDER 1.5".

Spacing Factor is 1 unless specified otherwise

Letter positions										Series/Size							
Letter spacings are to start of next letter										Text Length							
	T	O								EM 2000							
64	10.6	10.1	173.4							20.6							
	E	A	S	T						E 2000							
147.6	11.3	1.5	13.6	11	9	64				46.4							
	S	H	A	R	O	N	A	M	I	T	Y	R	D	EM 2000			
17.6	17.9	15.5	17	10.4	15.8	10.6	16	20	24	8	11.7	13.6	16	15.8	10.6	17.6	222.9
	E	X	I	T													E 2000
59.9	11.4	13.9	5.1	9	158.7												39.5
	O	N	L	Y													E 2000
150.9	12.8	12.7	9.9	12.2	59.4												47.7

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 3'-6" HEIGHT: 2'-0" TOTAL AREA: 7.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.75" RADII: 1.9" NO. Z BARS: LENGTH:	BACKG COLOR: Yellow COPY COLOR: Black <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>ARLONG</td> <td>21.3</td> <td>2.5</td> <td>5</td> <td>11.5</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	ARLONG	21.3	2.5	5	11.5	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Aug 13, 2012
SYMBOL	X	Y	WID	HT								
ARLONG	21.3	2.5	5	11.5								



USE NOTES: 1,2

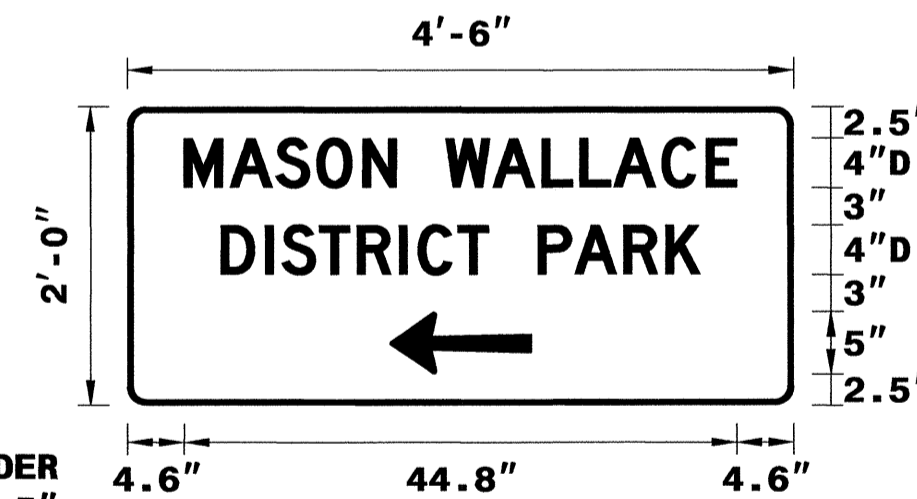
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter positions										Series/Size
Letter spacings are to start of next letter										Text Length
	W	A	L	L	A	C	E			D 2000
3.3	5.7	6	4.6	4.1	5.9	5.4	3.7	3.3		35.4
	L	A	N	E						D 2000
11.3	4.1	6	5.5	3.7	11.3					19.3

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 TYPE: D QUANTITY: 1 SIGN WIDTH: 4'-6" HEIGHT: 2'-0" TOTAL AREA: 9.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.5" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Brown 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>ARLONG</td> <td>21.3</td> <td>2.5</td> <td>5</td> <td>11.5</td> </tr> </tbody> </table>	SYMBOL	X	Y	WID	HT	ARLONG	21.3	2.5	5	11.5	DESIGN BY: W. Johnson PROJECT ID: U-0209B CHECKED BY: DIV: 10 DATE: Aug 22, 2012
SYMBOL	X	Y	WID	HT								
ARLONG	21.3	2.5	5	11.5								



USE NOTES: 1,2

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

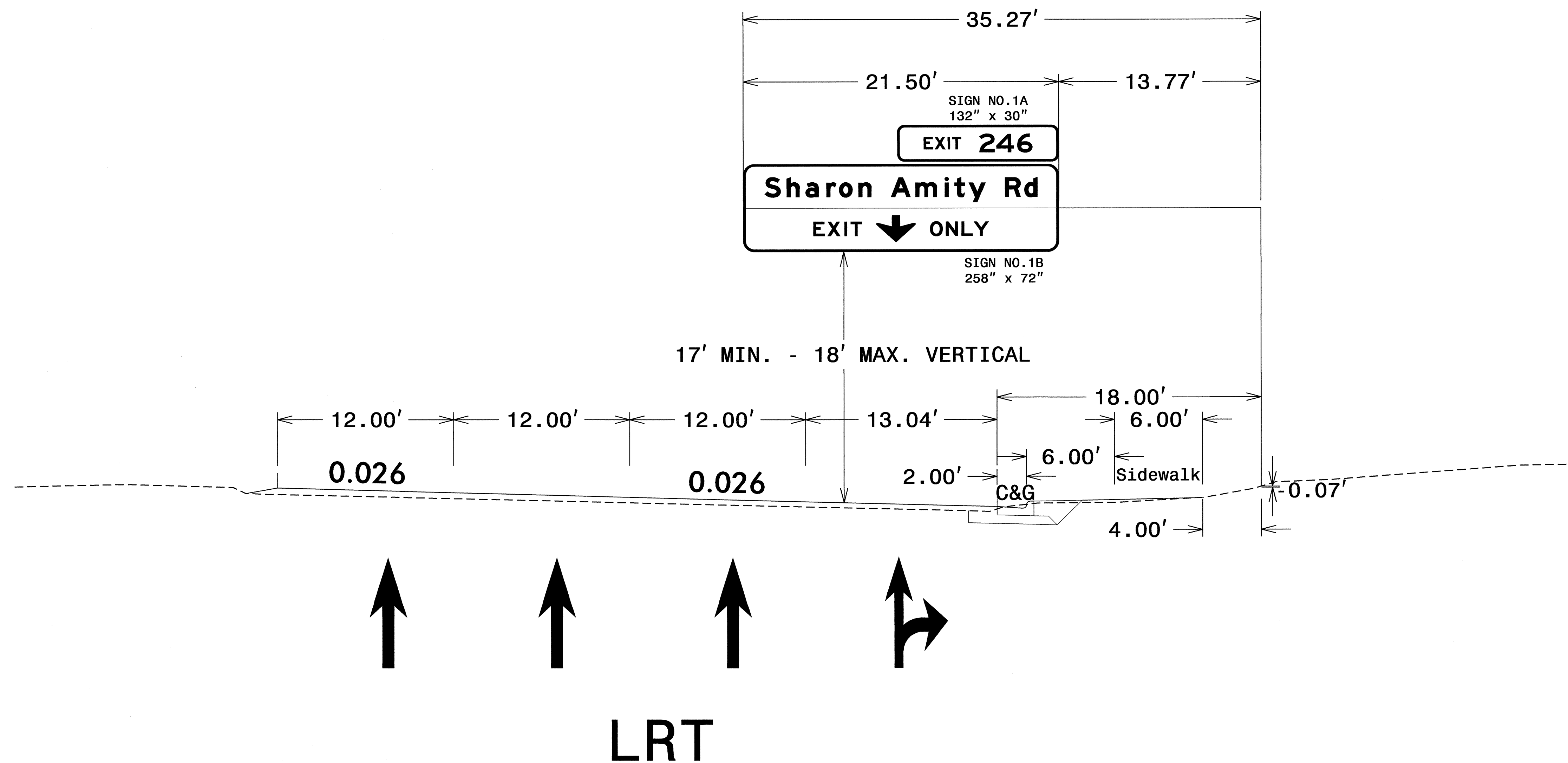
Spacing Factor is 1 unless specified otherwise

Letter positions										Series/Size					
Letter spacings are to start of next letter										Text Length					
	M	A	S	O	N	W	A	L	L	A	C	E	D 2000		
4.6	3.7	3.7	3.3	3.7	2.7	4	3.8	4	3.1	2.7	3.9	3.6	2.5	4.6	44.8
	D	I	S	T	R	I	C	T	P	A	R	K	D 2000		
7.6	3.6	1.3	3	3.1	3.4	1.5	3.2	2.5	4	3	4	3.4	2.8	7.6	38.8

FILENAME: Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

10-SEP-2012 16:02
 R:\Traffic\Signing\CADD\Signing Layout Plans\U-0209B_Sgn_SGN_Sign Design Sheets.dgn
 At 12:47:51B
 Walter Johnson

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-0209B	SIGN-4D	
APPROVED: <i>[Signature]</i>			
DATE: 9/12/12			
SEAL			

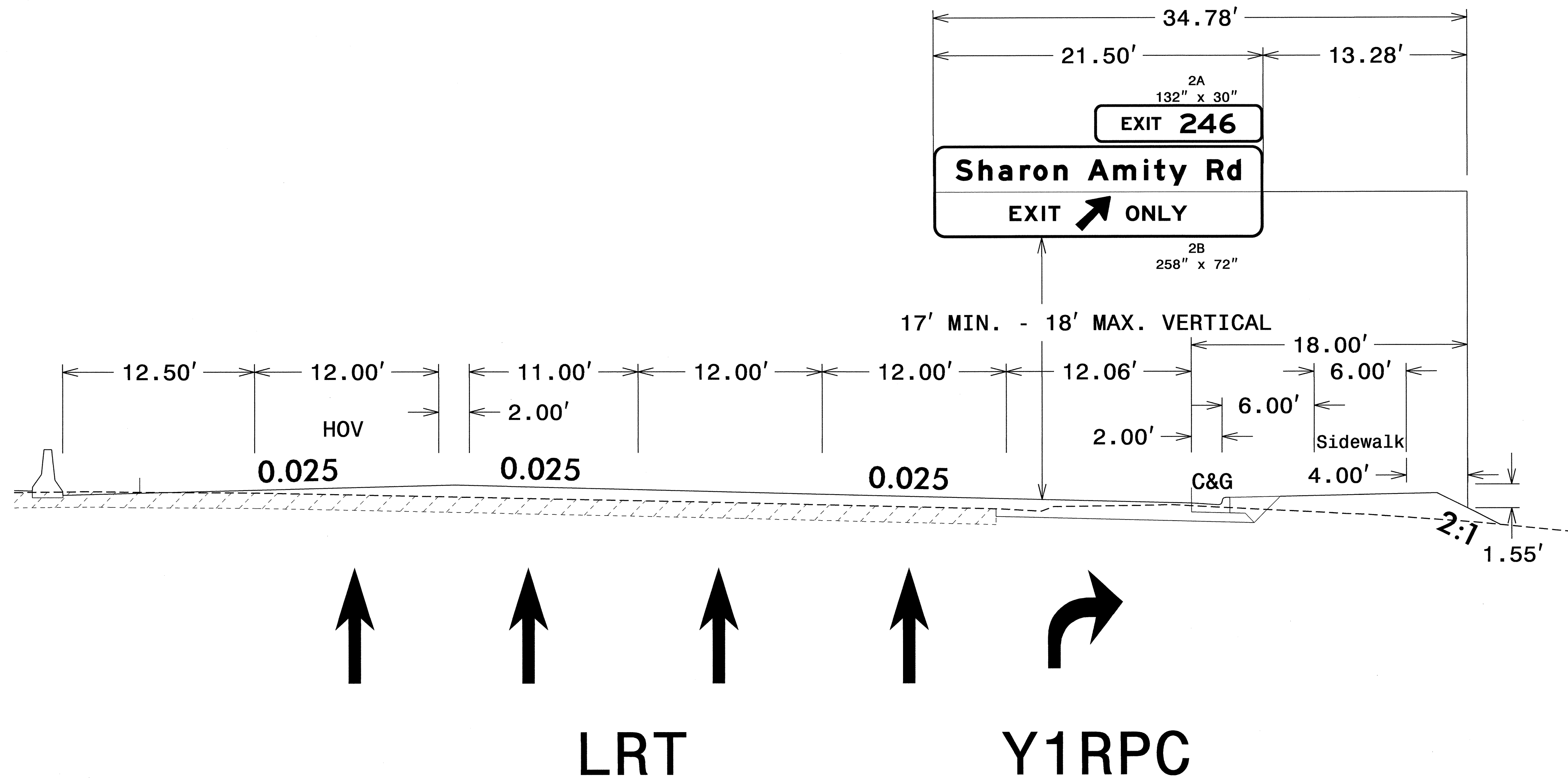


NOTES:

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

OVERHEAD SIGN ASSEMBLY "A"
 AT STA. 23+00+/- -LRT-
 US 74 EAST


STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4E	
APPROVED: <i>[Signature]</i>			
DATE: 9/24/12			
SEAL			

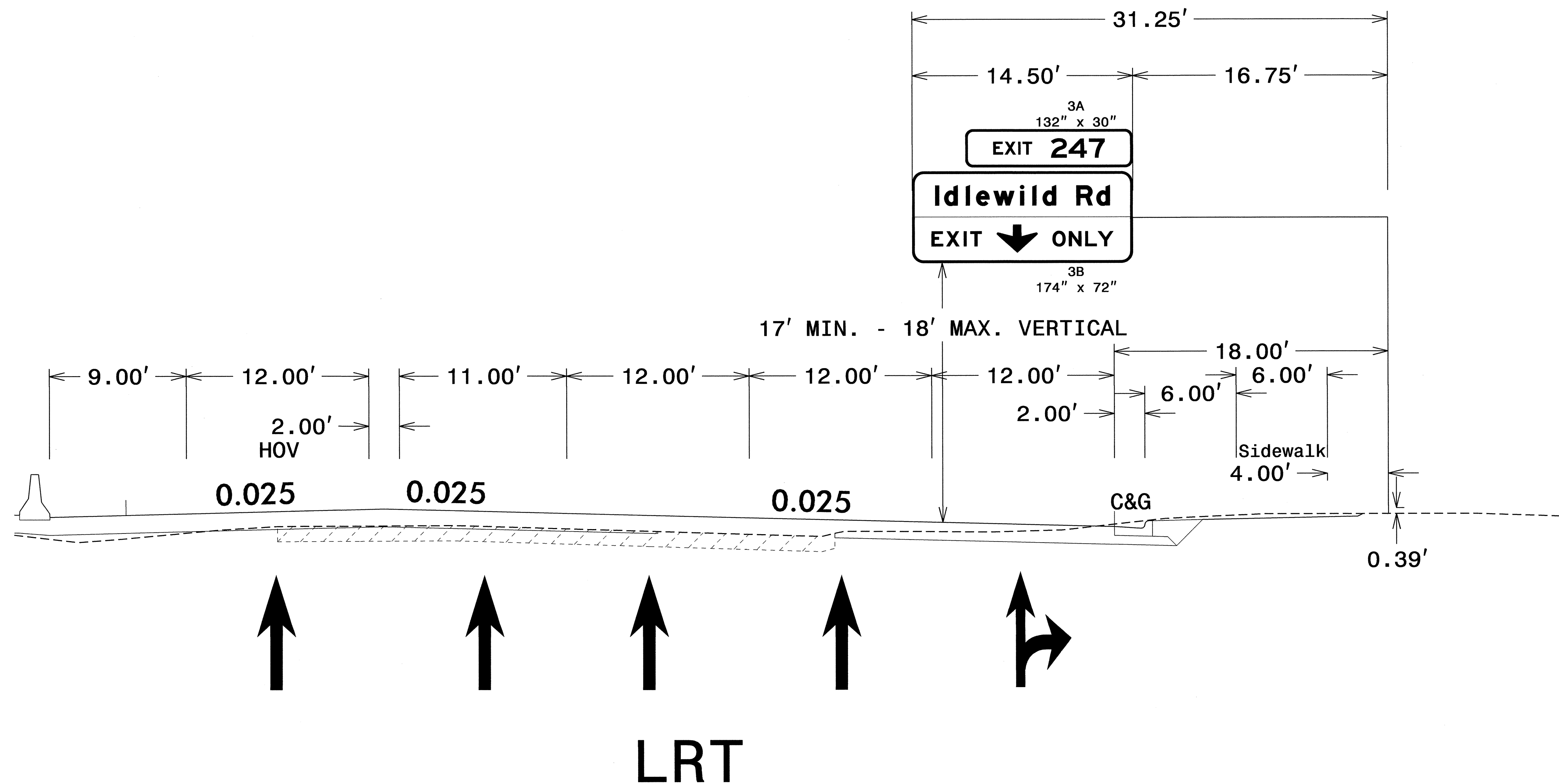


NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
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- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY "B"
 AT STA. 35+80+/- -LRT-
 US 74 EAST


STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4F	
APPROVED: <i>RWT</i>			
DATE: 9/24/12			
SEAL			
			

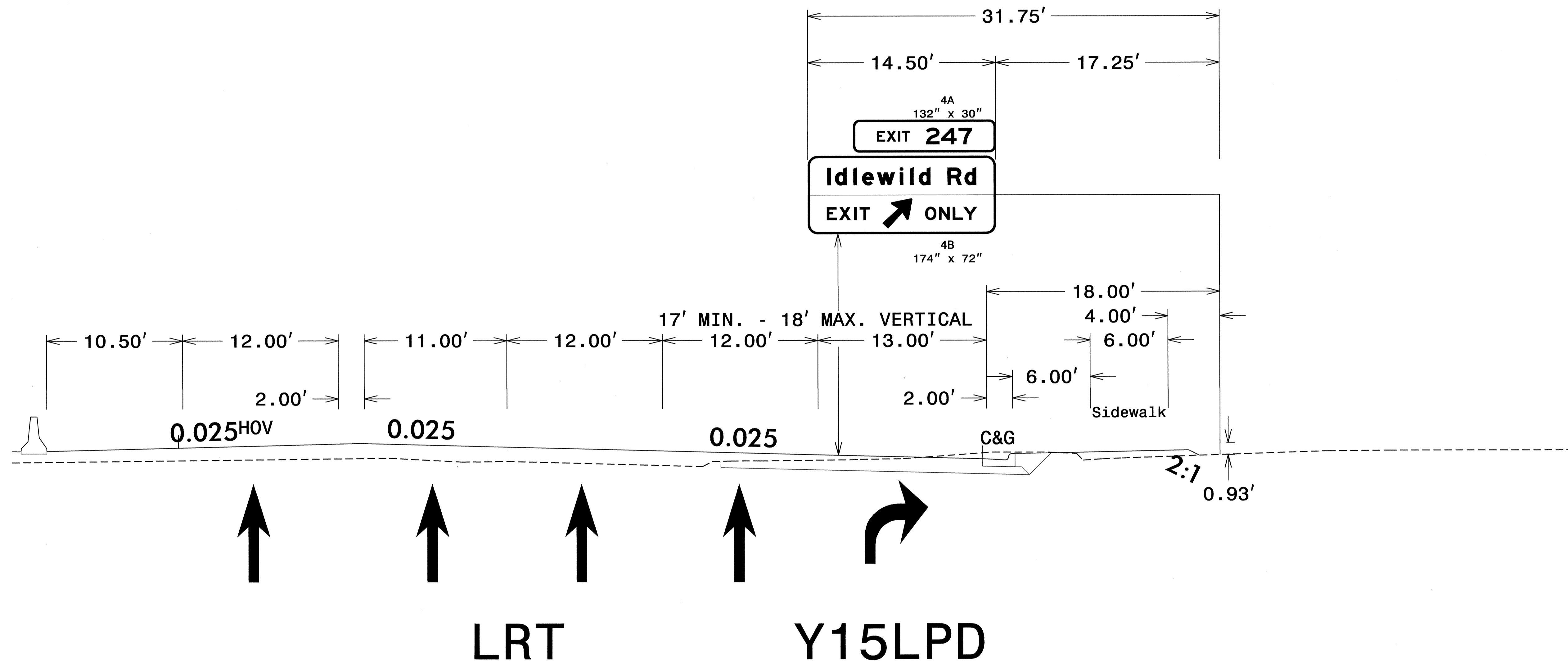


NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
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- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY "C"
AT STA. 61+00+/- -LRT-
US 74 EAST


STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4G	
APPROVED: <i>[Signature]</i>			
DATE: 9/12/12			
SEAL			
			

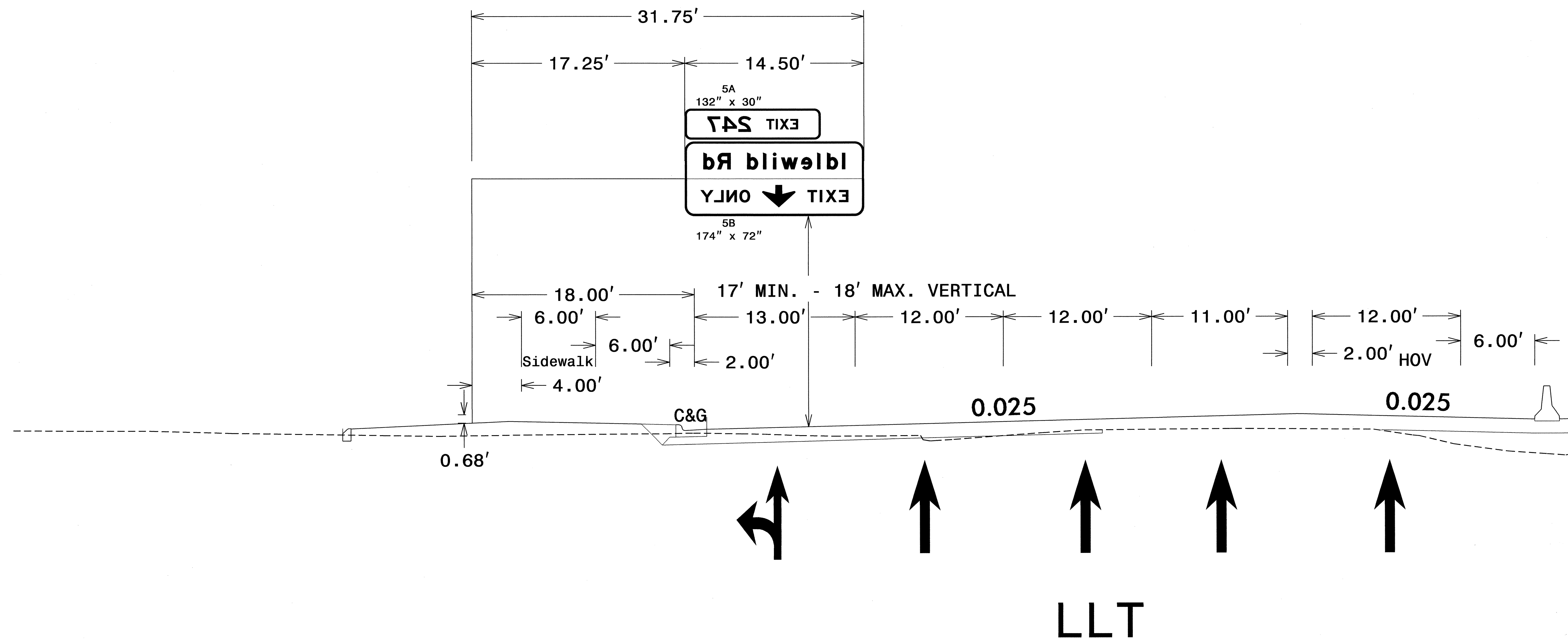


NOTES:

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

OVERHEAD SIGN ASSEMBLY "D"
 AT STA. 87+50+/- -LRT-
 US 74 EAST

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4H	
APPROVED: <i>[Signature]</i>			
DATE: 9/12/12			
SEAL			
			



NOTES:

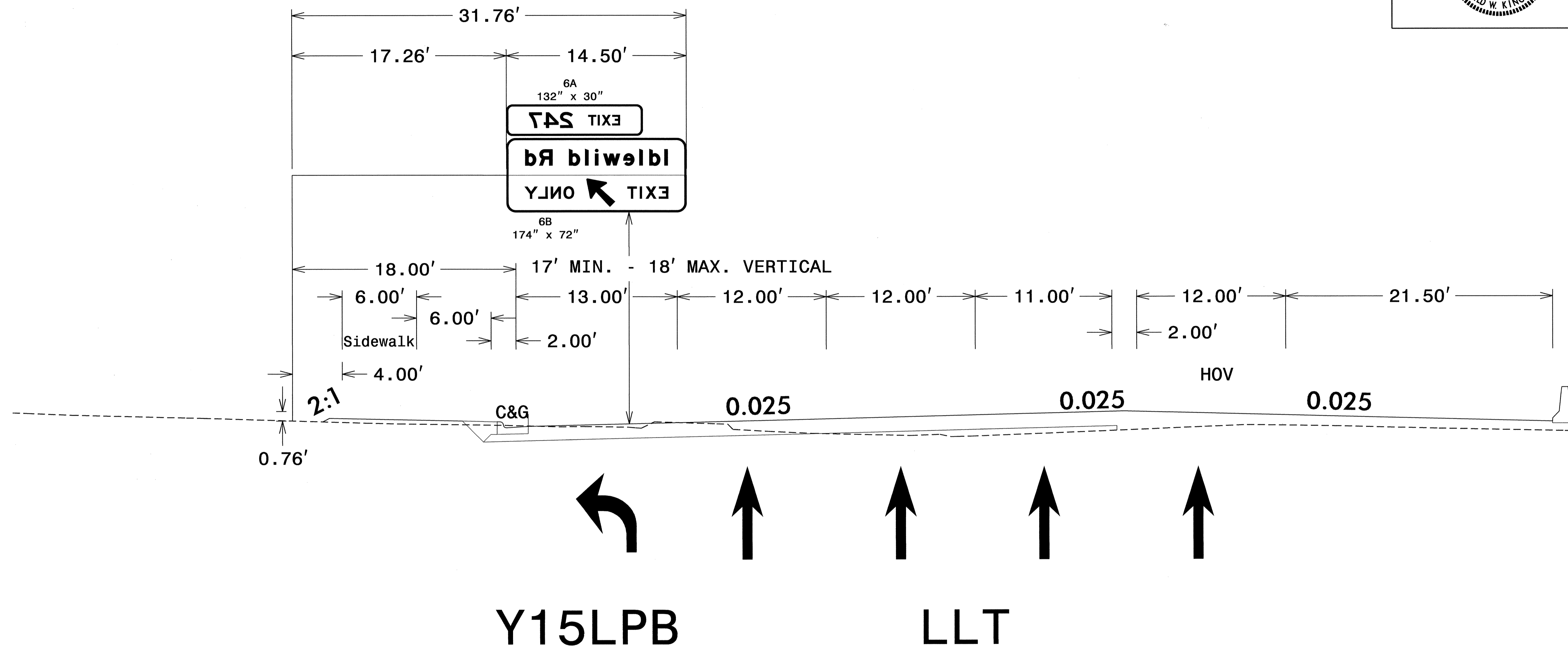
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
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- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY "E"
AT STA. 120+00+/- -LLT-
US 74 WEST

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4I	

APPROVED: *[Signature]*
DATE: 9/2/12


SEAL

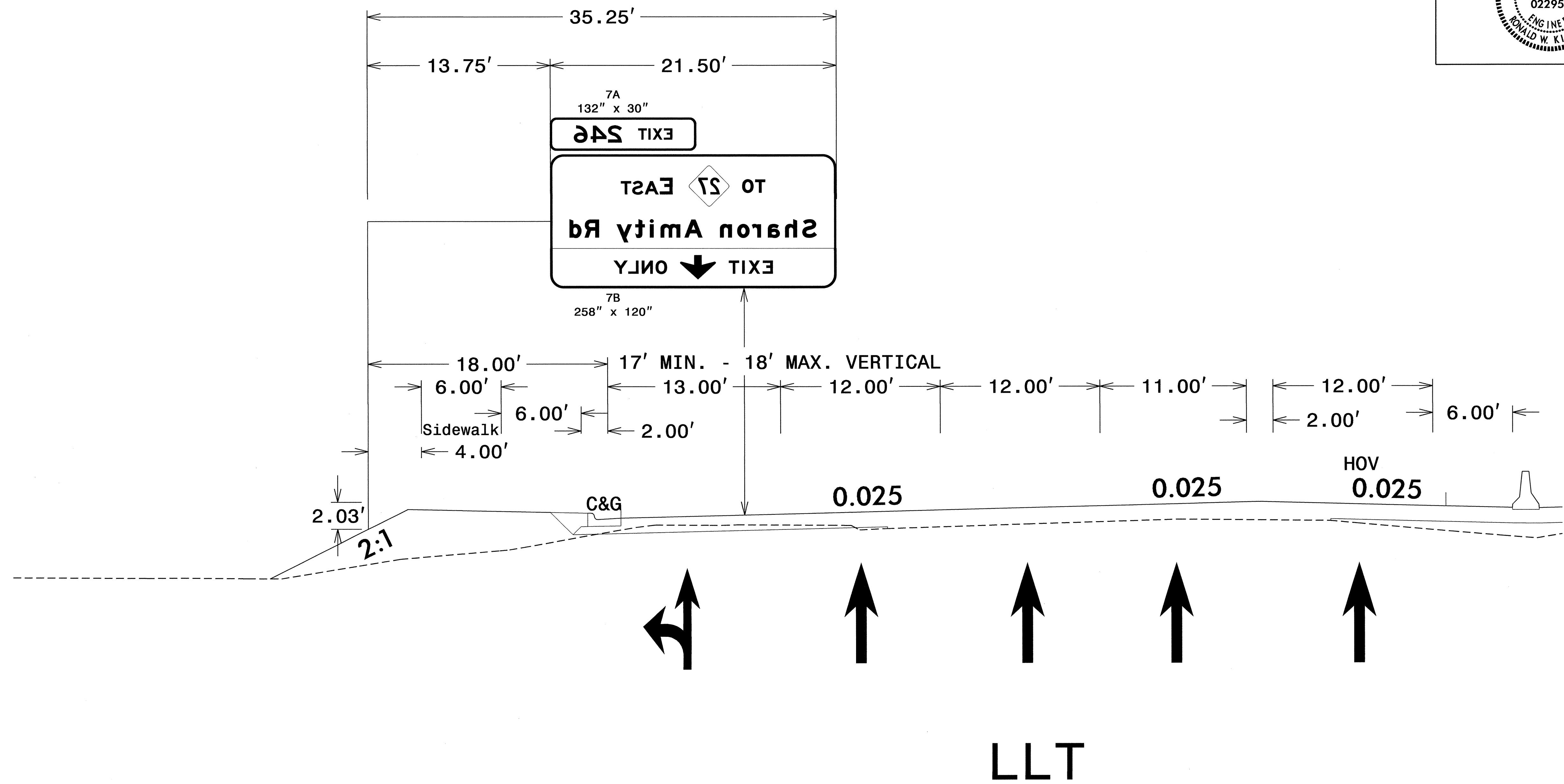


NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY "F"
AT STA. 92+00+/- -LLT-
US 74 WEST

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-0209B	SIGN-4J	
APPROVED: <i>[Signature]</i>			
DATE: 9/24/12			
SEAL			
			

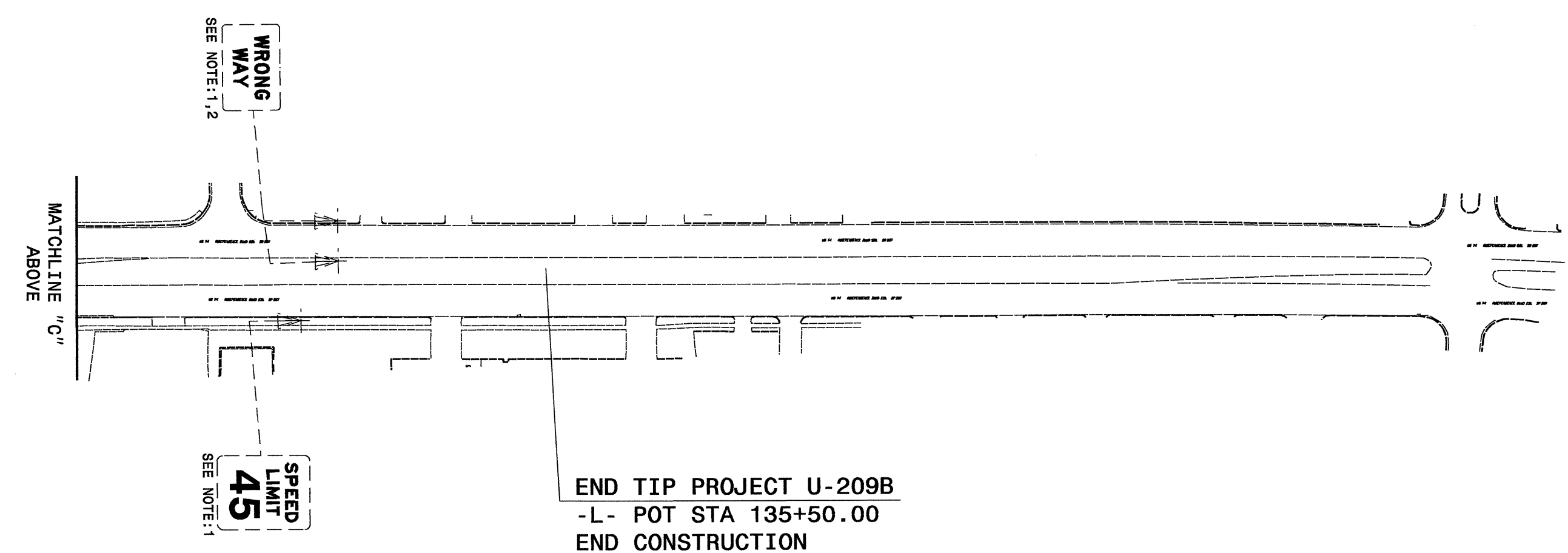
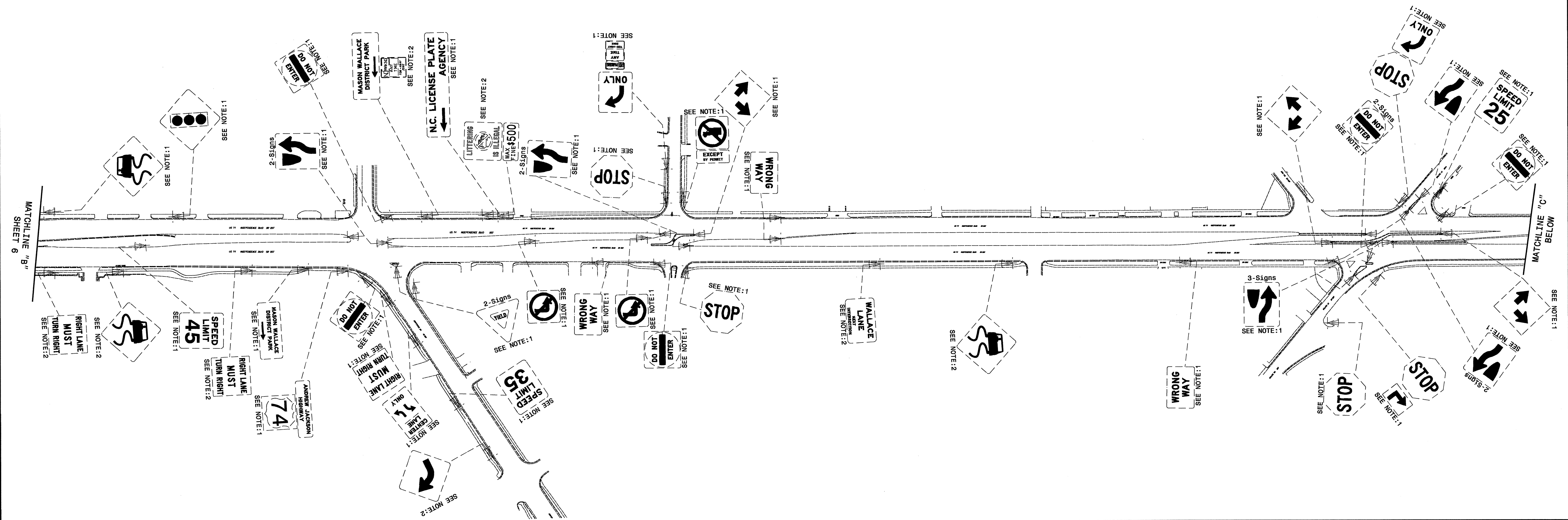


NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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- 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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OVERHEAD SIGN ASSEMBLY "G"
AT STA. 75+90+/- -LLT-
US 74 WEST

TIP NO. U-0209B	SHEET NO. SIGN-7
APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	




END TIP PROJECT U-209B
 -L- POT STA 135+50.00
 END CONSTRUCTION

PROJECT NOTES

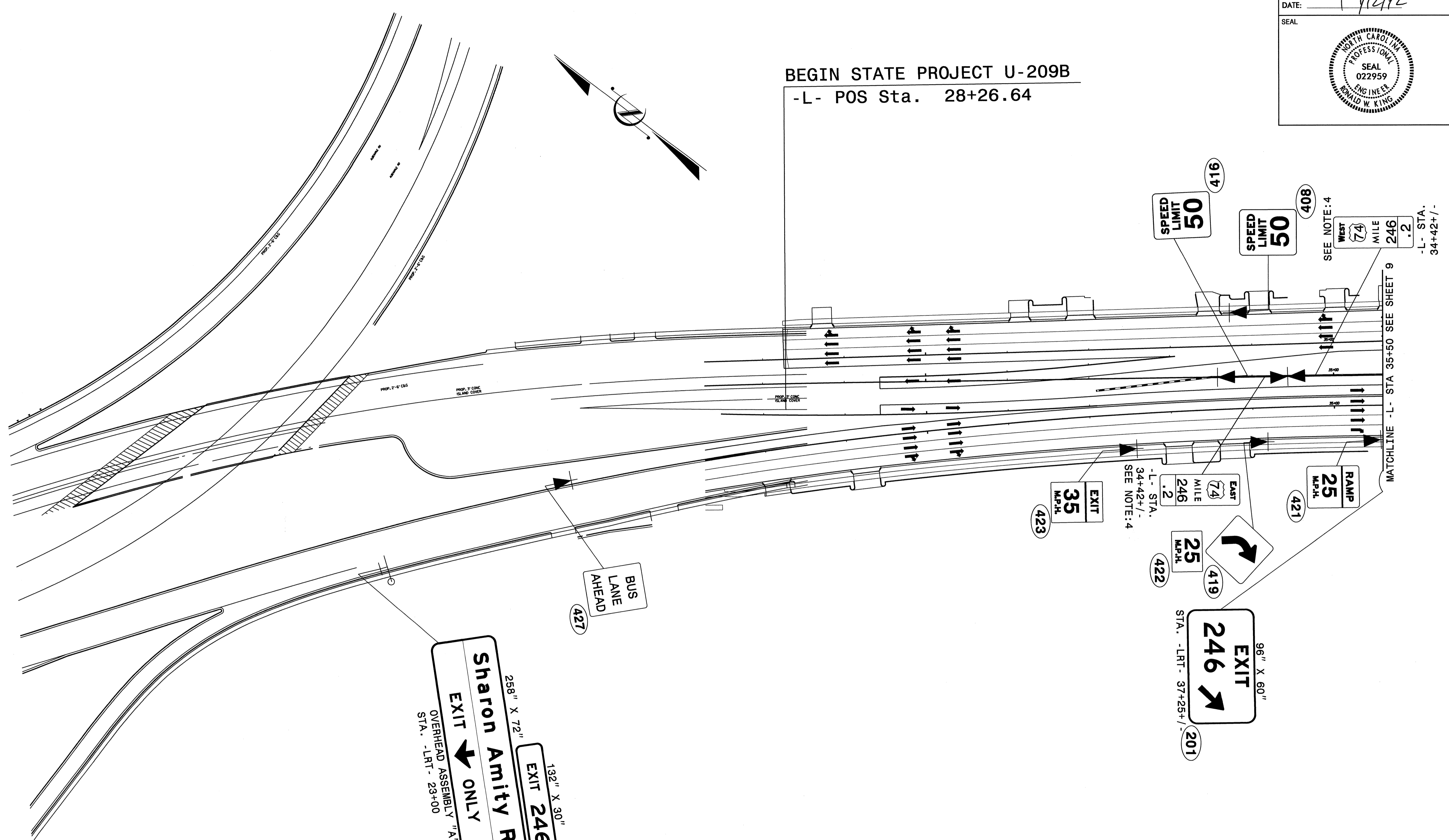
- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN, D, E OR F

EXISTING SIGNS

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 Walter Johnson AT 12/24/12

TIP NO. U-0209B	SHEET NO. SIGN-8
APPROVED: <i>[Signature]</i>	
DATE: 9/2/12	
SEAL	
	

BEGIN STATE PROJECT U-209B
 -L- POS Sta. 28+26.64

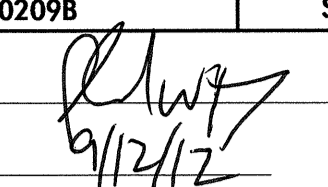



PROJECT NOTES

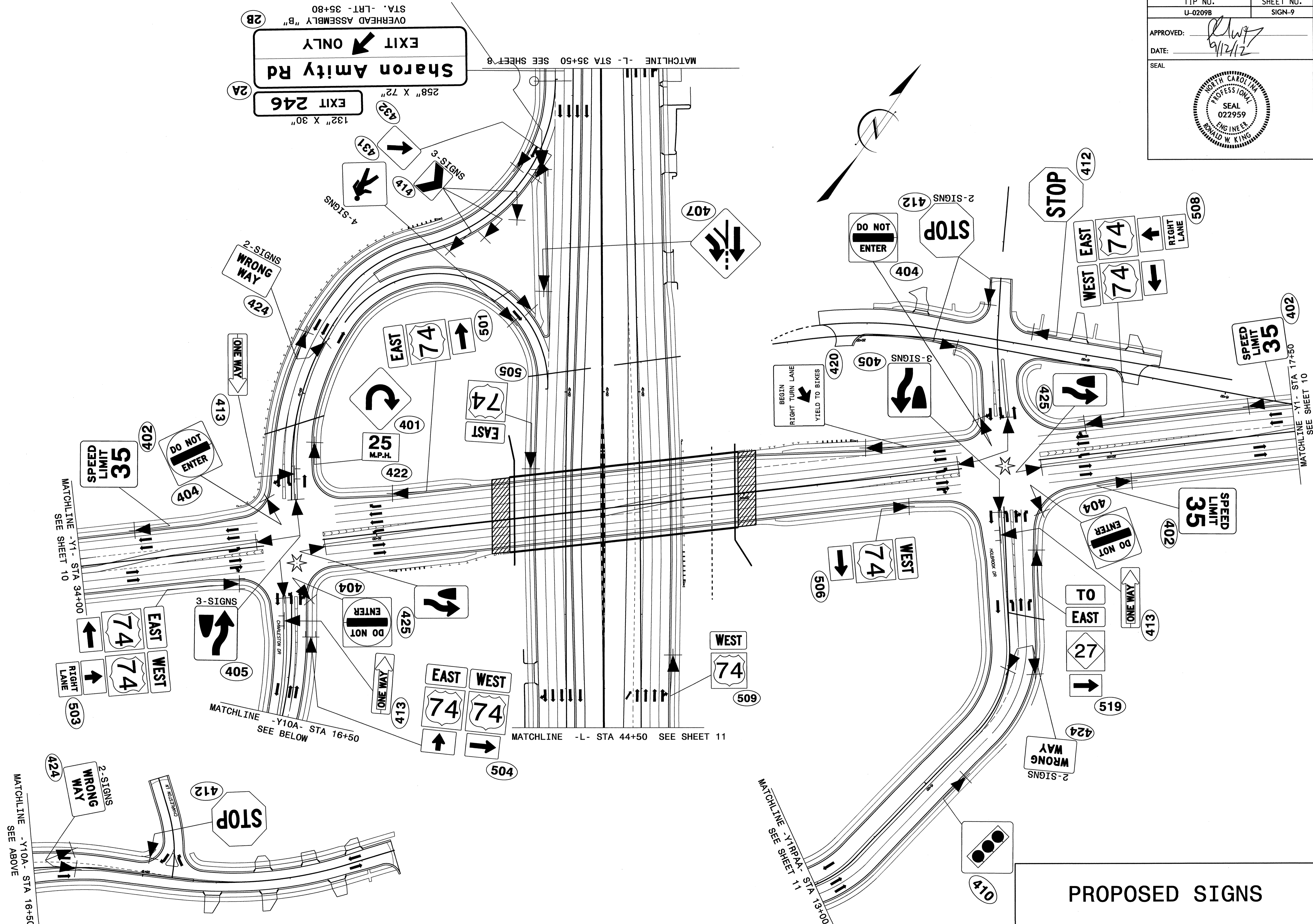
4 SIGNS TO BE MOUNTED BACK TO BACK
 IN THE MEDIUM BARRIER

PROPOSED SIGNS

I:\SEP-2012\0652
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 Walter Johnson, PE


TIP NO. U-0209B	SHEET NO. SIGN-9
APPROVED: 	
DATE: 9/12/12	
SEAL	

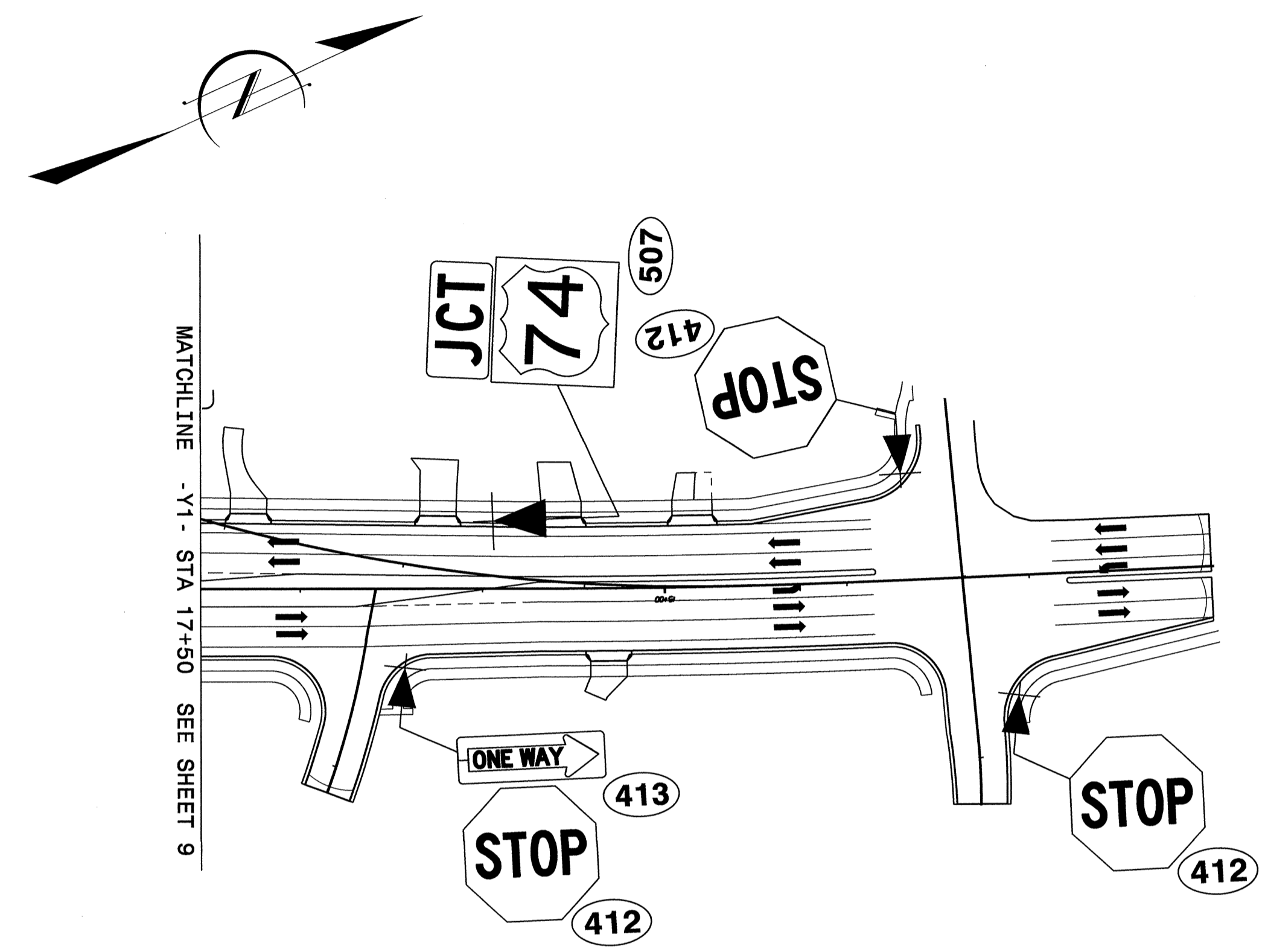




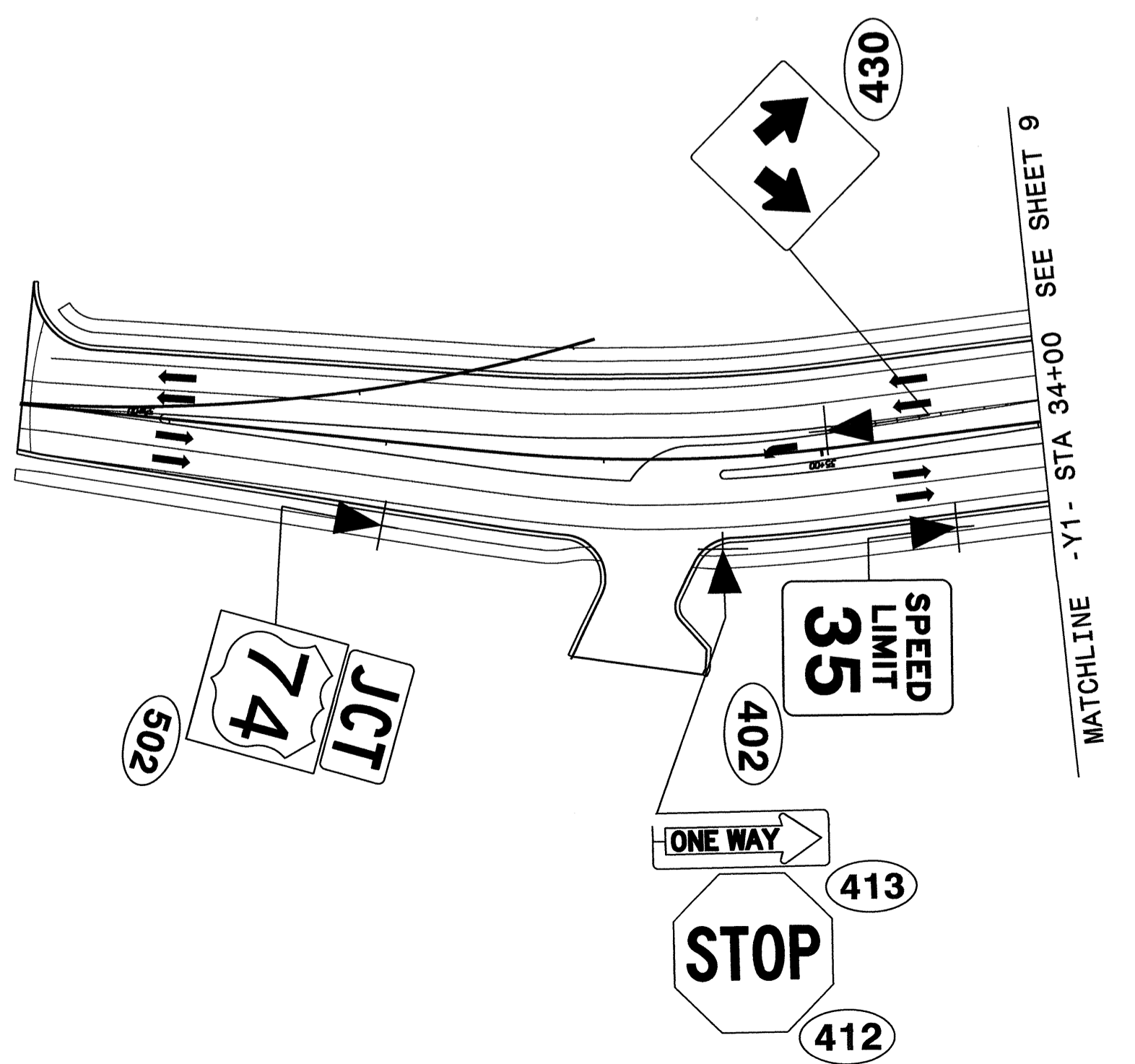
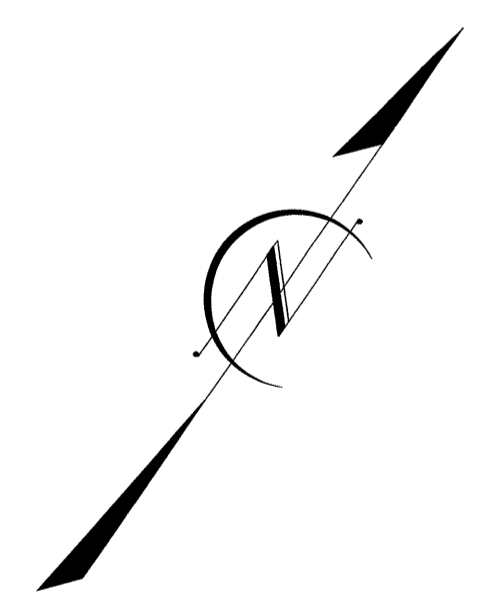
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 Walter Johnson AT 1E247518

TIP NO. U-0209B	SHEET NO. SIGN-10
APPROVED: <i>RWT</i>	
DATE: 9/2/12	
SEAL	
	




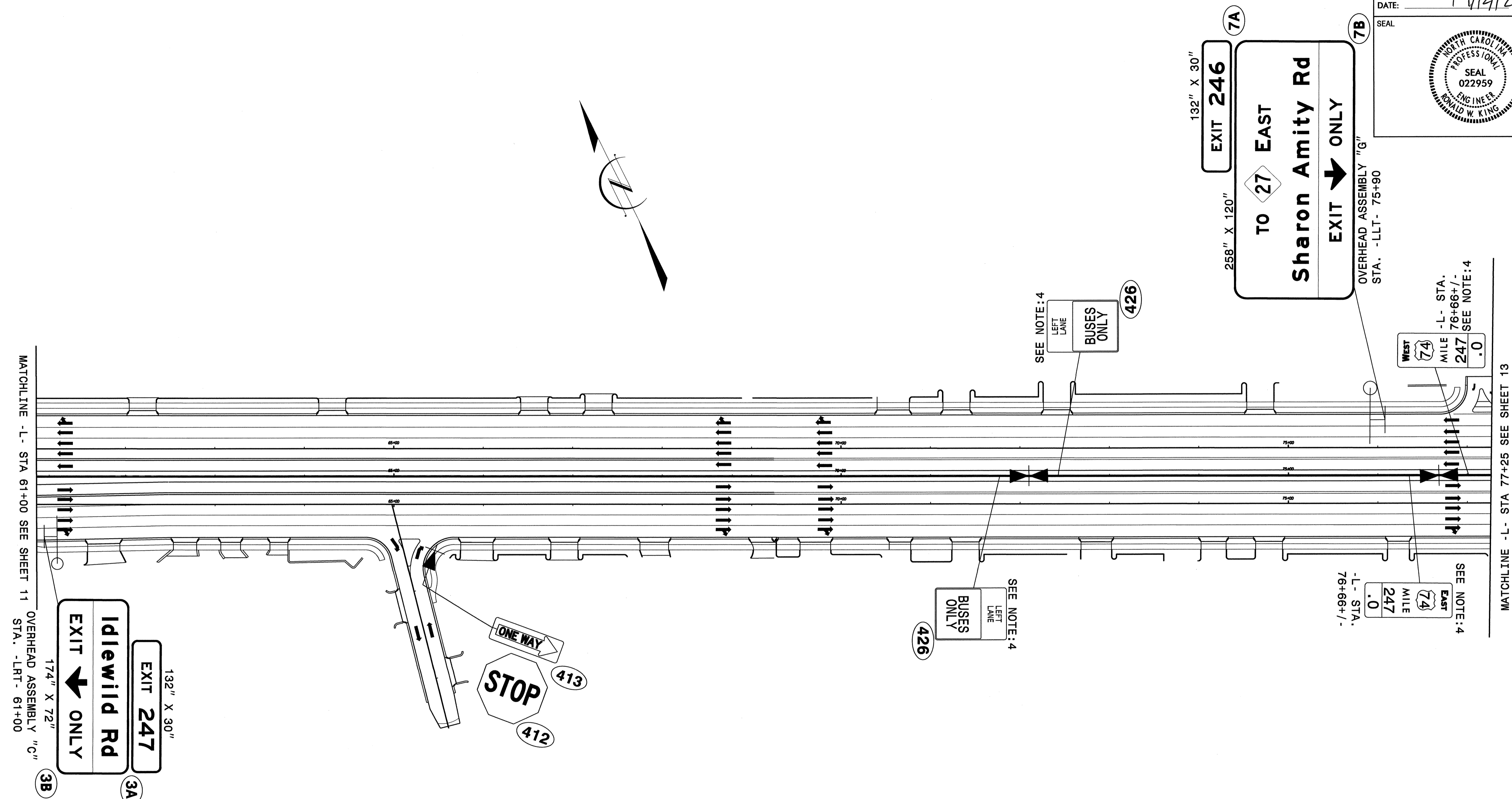
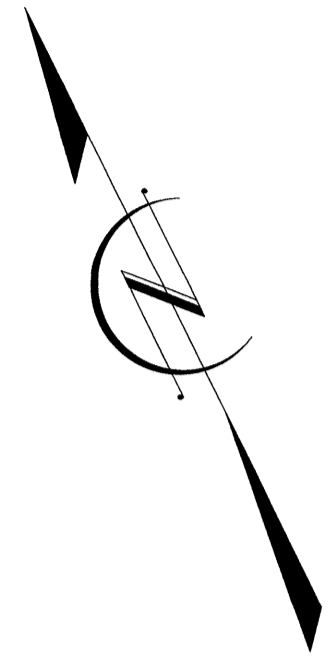
MATCHLINE -Y1- STA 17+50 SEE SHEET 9



MATCHLINE -Y1- STA 34+00 SEE SHEET 9

PROPOSED SIGNS

TIP NO. U-0209B	SHEET NO. SIGN-12
APPROVED: <i>[Signature]</i>	DATE: 9/21/12
SEAL	
	



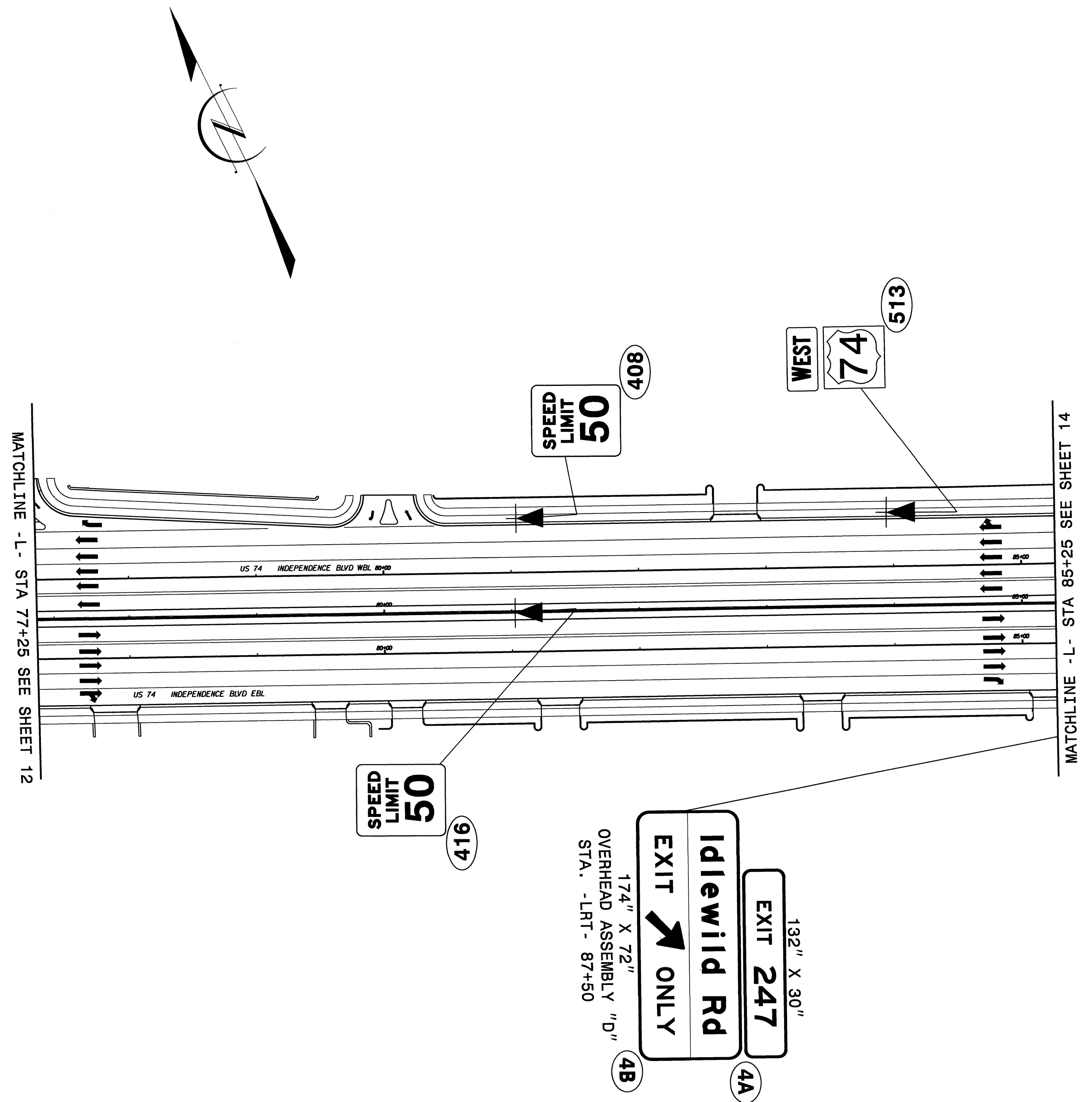
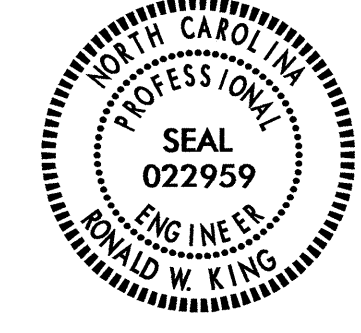
PROJECT NOTES

4 SIGNS TO BE MOUNTED BACK TO BACK IN THE MEDIUM BARRIER

PROPOSED SIGNS

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 9/21/12
 Walter Johnson

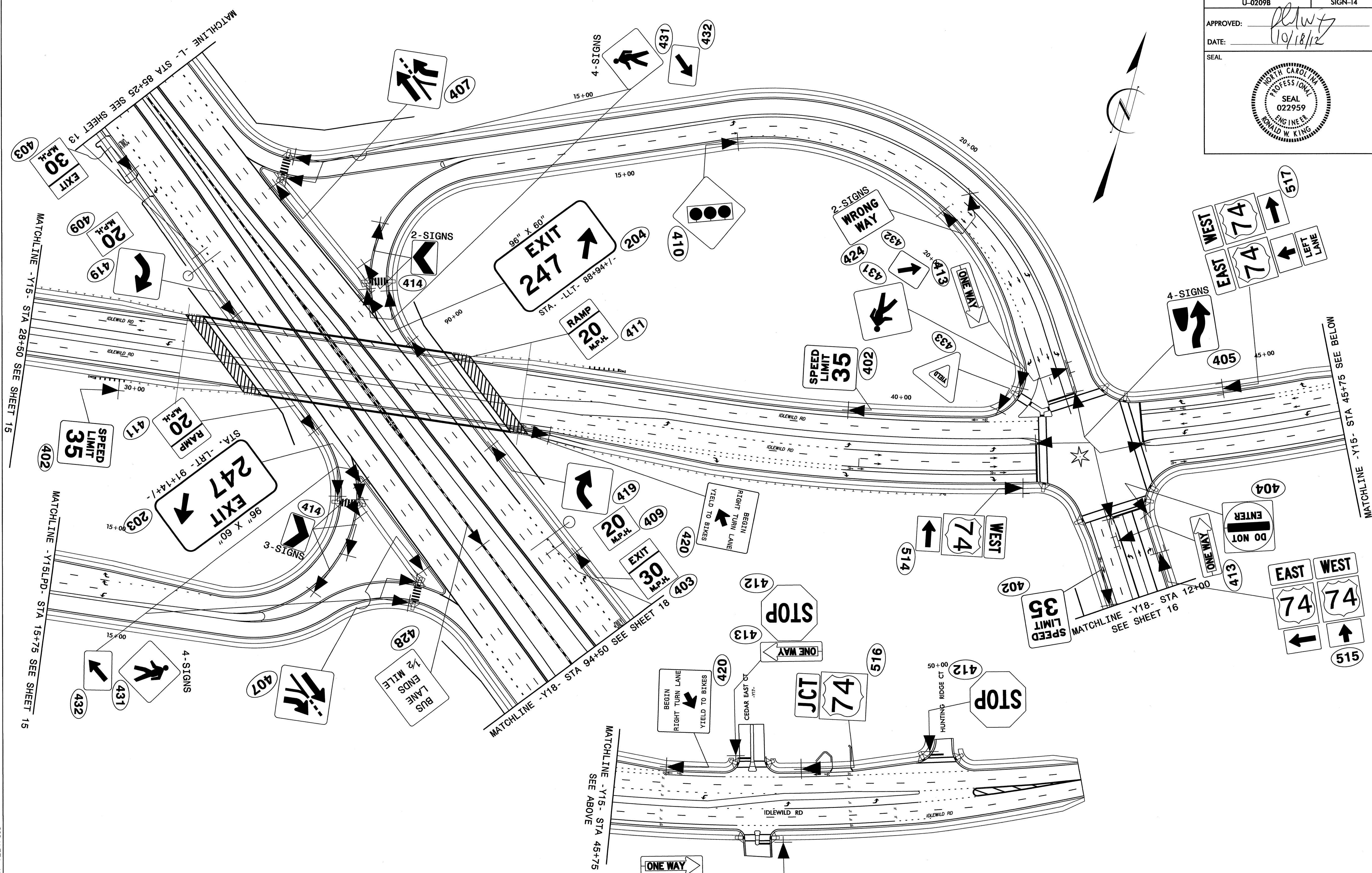
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APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	



PROPOSED SIGNS

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 AT 1E247518
 Walter Johnson

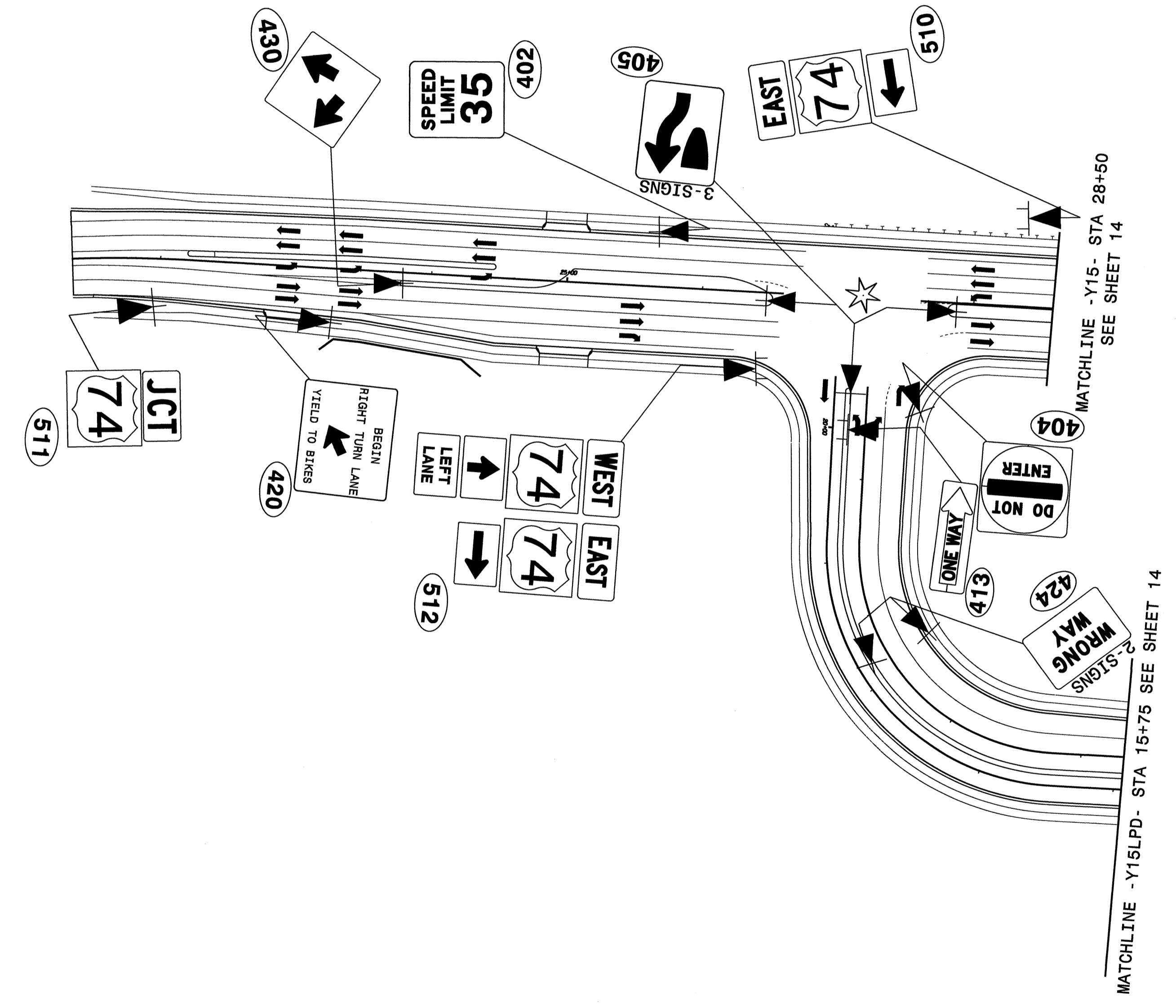
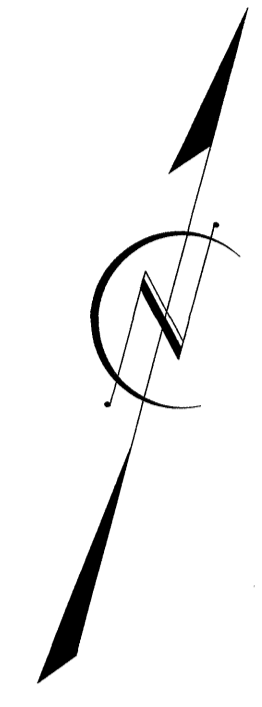
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DATE: 10/18/12	
SEAL	



PROPOSED SIGNS

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 Walter Johnson

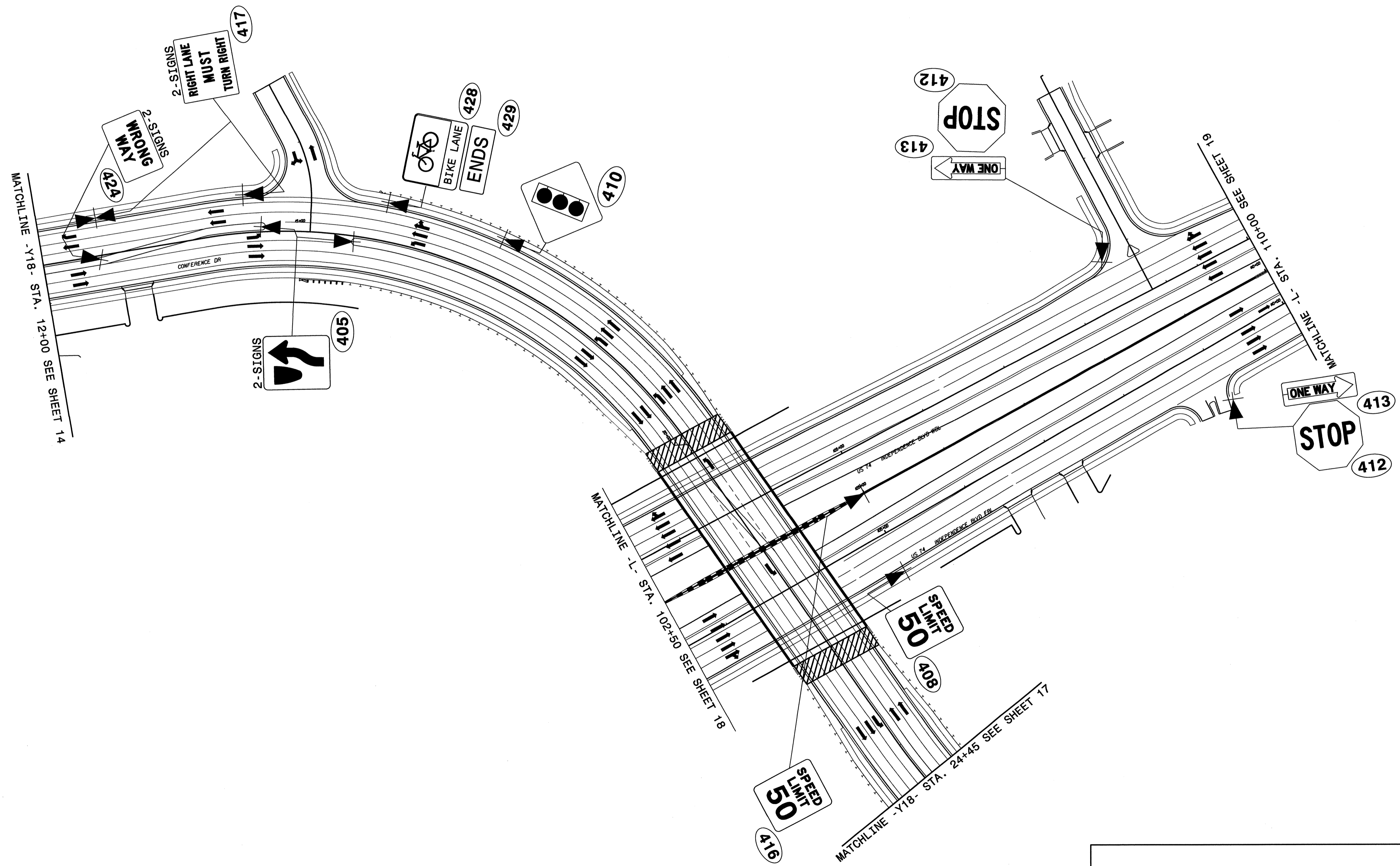
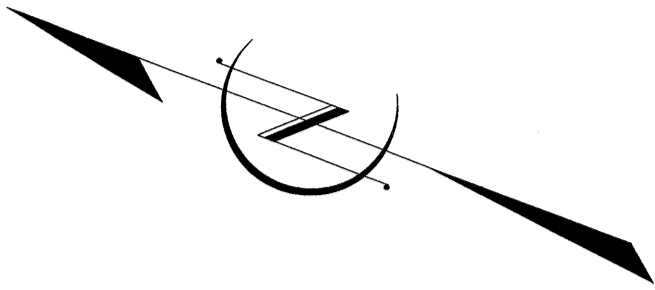
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APPROVED: <i>RW</i>	
DATE: 9/12/12	
SEAL	



PROPOSED SIGNS

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 11/27/2011
 11:27:58 AM
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TIP NO. U-0209B	SHEET NO. SIGN-16
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DATE: 9/12/12	
SEAL	



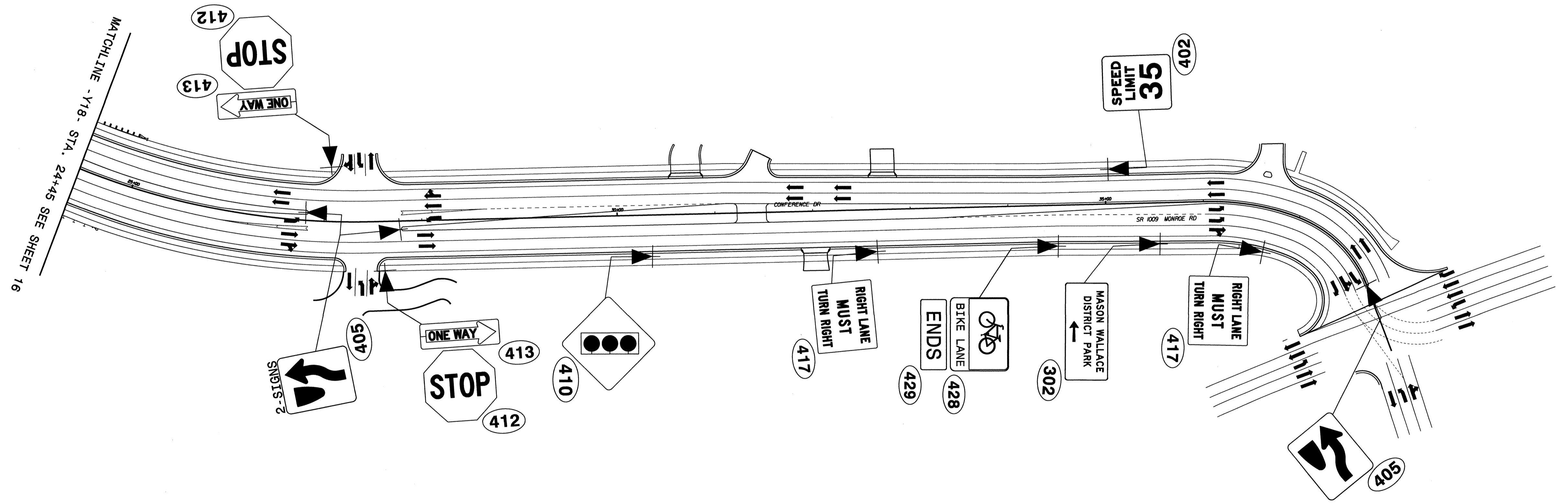
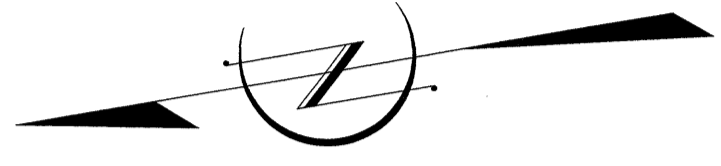
PROPOSED SIGNS

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 AT TE247518
 Walter Johnson

10

5 1

TIP NO. U-0209B	SHEET NO. SIGN-17
APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	

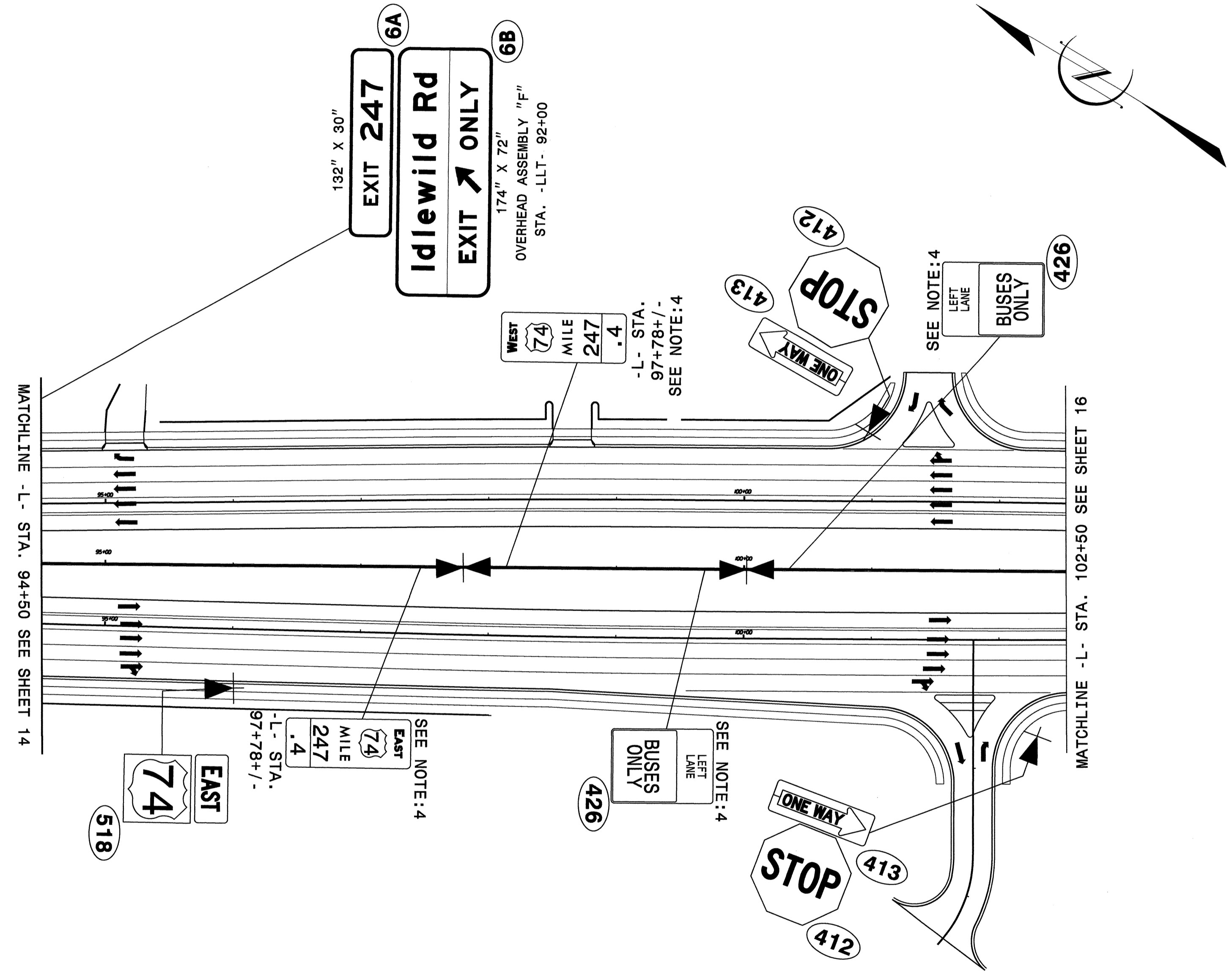
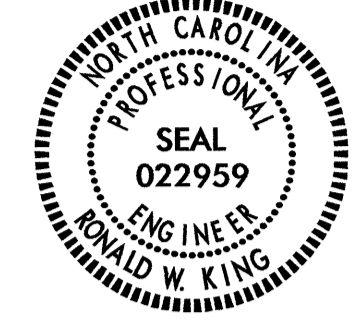


PROPOSED SIGNS

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 9/12/12
 Walter Johnson

19

TIP NO. U-0209B	SHEET NO. SIGN-18
APPROVED: <i>R.W.K.</i>	
DATE: 9/12/12	
SEAL	



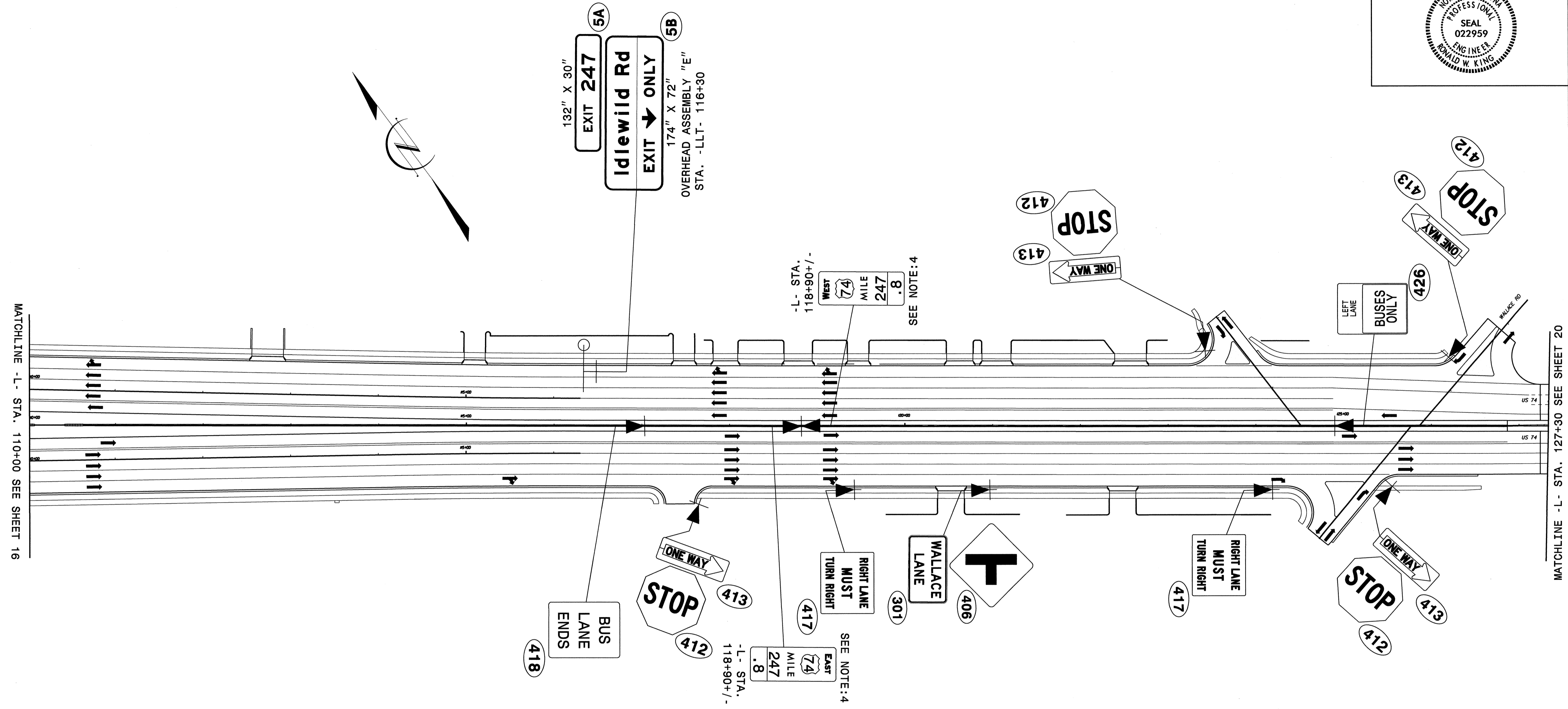
PROJECT NOTES

4 SIGNS TO BE MOUNTED BACK TO BACK IN THE MEDIUM BARRIER

PROPOSED SIGNS

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 at TE247518
 Walter Johnson

TIP NO. U-0209B	SHEET NO. SIGN-19
APPROVED: <i>[Signature]</i>	
DATE: 9/2/12	
SEAL	



MATCHLINE - L- STA. 110+00 SEE SHEET 16

MATCHLINE - L- STA. 127+30 SEE SHEET 20

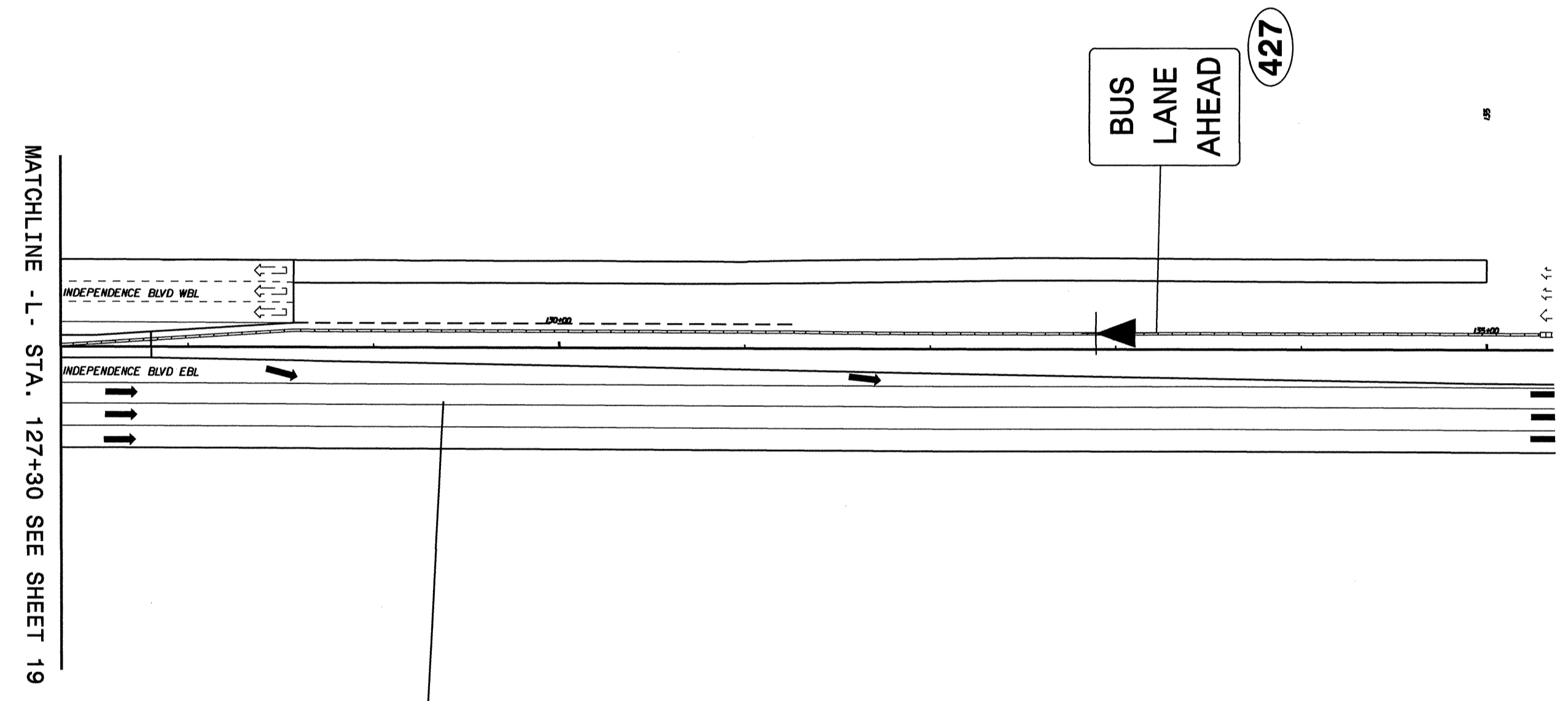
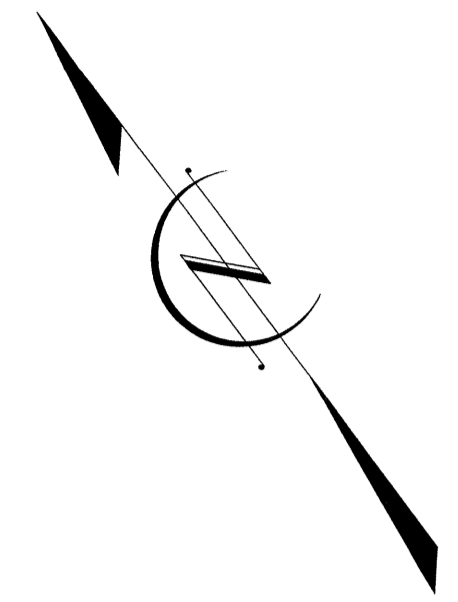
PROJECT NOTES

4 SIGNS TO BE MOUNTED BACK TO BACK IN THE MEDIUM BARRIER

PROPOSED SIGNS

I:\SEP-2012\1108
 R:\Traffic\Signing\CADD\Signing Layout Plans\U-0209B_Sgn_SON_Proposed Sheets.dgn
 Walter Johnson RT TE24751B

TIP NO. U-0209B	SHEET NO. SIGN-20
APPROVED: <i>[Signature]</i>	
DATE: 9/12/12	
SEAL	



END TIP PROJECT U-209B
 -L- POT STA 135+50.00
 END CONSTRUCTION

PROPOSED SIGNS

H:\SEP-2012\115\115.dwg\115.dwg\Signing Layout Plans\U-0209B_Sgn_SGN_Proposed Sheets.dgn
 11/24/12
 Walter Johnson