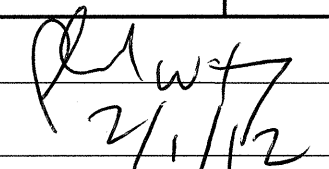



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO.	SHEET NO.
U-2211B	SIGN-1
APPROVED: 	
DATE: 2/1/12	
SEAL	
	

SIGNING PLAN
CALDWELL COUNTY

LOCATION: LENOIR - SR 1001 (HIBRITEN DRIVE) FROM US 321A
(NORWOOD STREET) TO SR 1712 (STARCROSS RD) EAST OF US 321

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
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
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
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- 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	9	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	5008	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	3331	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1926	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	74	EA.
4108000000	904	SIGN ERECTION, TYPE F	10	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	11	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	58	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA.

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN SYSTEM, WOOD
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3-3A	E AND F SHEETS
SIGN-4-4B	SIGN DESIGNS
SIGN-5-9	EXISTING AND PROPOSED SIGNS

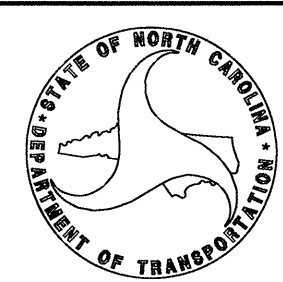
T.I.P.: U-2211B


CONTRACT: C202820

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

DERRICK BEARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER

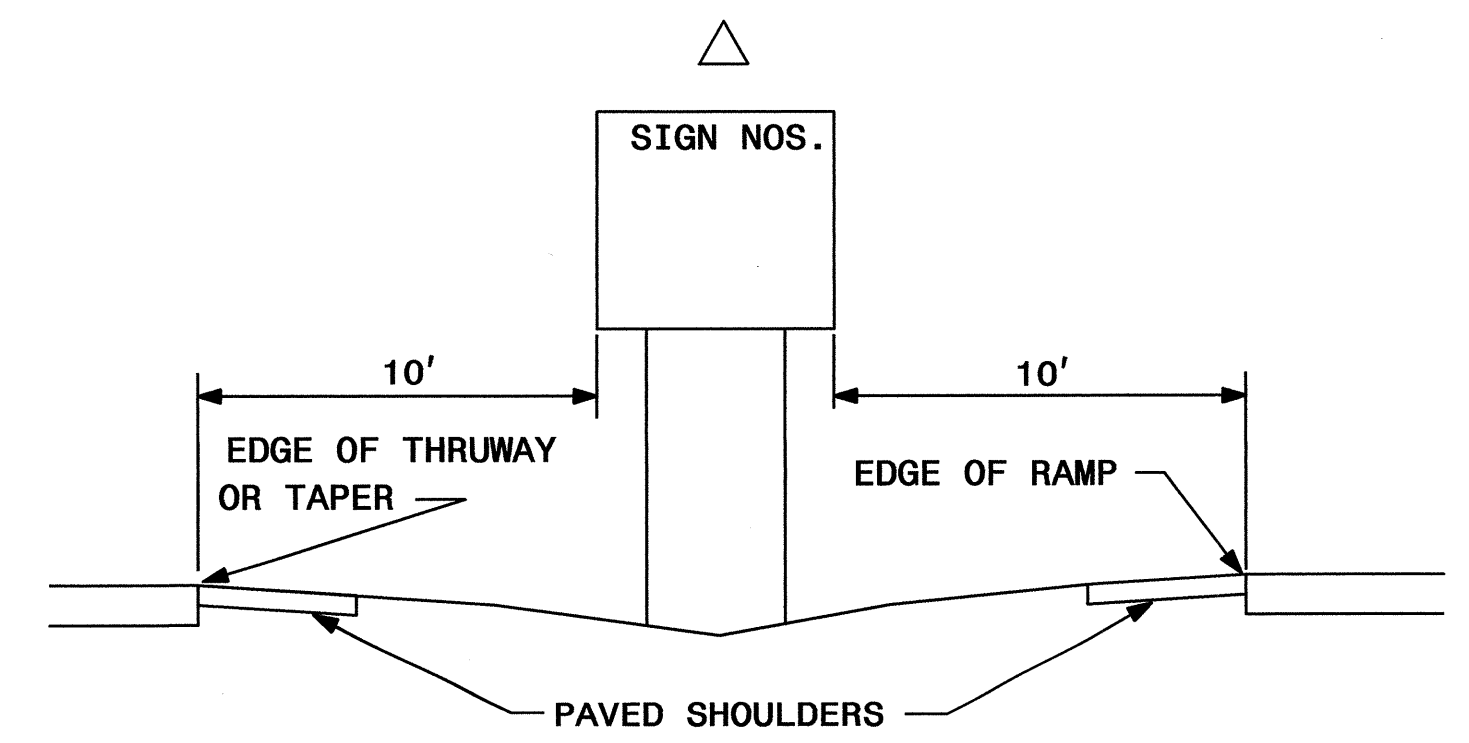
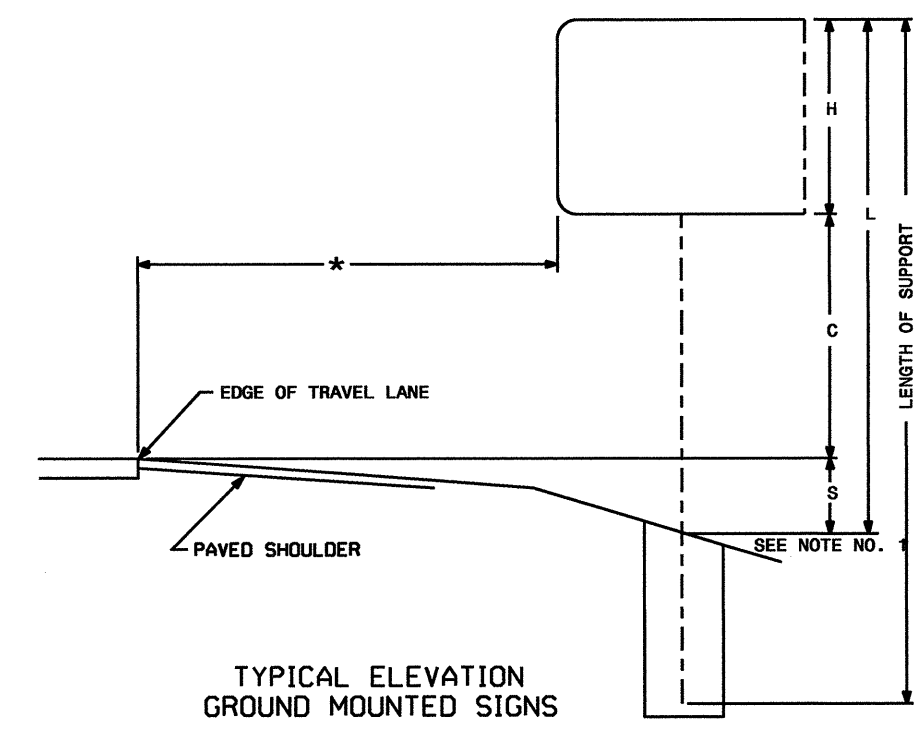


TIP NO. U-2211B	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 2/11/12	
SEAL	
	

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-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L								TOTAL LENGTH																	
101	A	156	X108	-Y5-42+00+-	2	W6x12	S	N/A	N/A	18.00	9.00	7.00	5	0.42	16.42	21.42	0.00	0.00	0.00	0.58	16.58	21.58	1.5	5.5	0.00	516.00	0.72	0.00																			
102	A	138	X132	-L-28+00+-	2	W6x16	BA	N/A	N/A	18.00	11.00	7.00	6	1.50	19.50	25.50	0.00	0.00	0.00	3.17	21.17	27.17	1.5	6.5	975.10	0.00	0.85	0.00																			
103	A	96	X90	-L-38+70+-	2	W6x12	BA	N/A	N/A	20.00	7.50	7.00	4	1.92	16.42	20.42	0.00	0.00	0.00	3.00	17.50	21.50	1.5	4.5	588.40	0.00	0.59	0.00																			
104	A	246	X60	SEESHEET8	3	W6x12	S	N/A	N/A	18.00	5.00	7.00	4.5	1.58	13.58	18.08	2.67	14.67	19.17	4.58	16.58	21.08	1.5	5	0.00	699.96	0.98	0.00																			
105	A	138	X132	-L-41+25+-	3	W6x16	BA	N/A	N/A	18.00	11.00	7.00	5.5	3.33	21.33	26.83	4.33	22.33	27.83	5.42	23.42	28.92	1.5	6	1535.85	0.00	1.18	0.00																			
106	A	96	X90	-L-30+30+-	2	W6x12	BA	N/A	N/A	20.00	7.50	7.00	4	1.67	16.17	20.17	0.00	0.00	0.00	2.92	17.42	21.42	1.5	4.5	584.44	0.00	0.59	0.00																			
107	A	246	X72	-Y5-18+50+-	3	W6x16	S	N/A	N/A	18.00	6.00	7.00	5.5	3.67	16.67	22.17	6.42	19.42	24.92	9.00	22.00	27.50	1.5	6	0.00	1193.44	1.18	0.00																			
108	A	246	X72	-Y5-43+90+-	3	W6x16	S	N/A	N/A	17.00	6.00	11.58	5	0.83	18.41	23.41	-3.42	14.16	19.16	-7.58	10.00	15.00	1.5	5.5	0.00	921.12	1.08	0.00																			
109	A	246	X60	SEESHEET9	3	W6x12	BA	N/A	N/A	18.00	5.00	7.00	4.5	1.00	13.00	17.50	1.17	13.17	17.67	2.67	14.67	19.17	1.5	5	780.12	0.00	0.98	0.00																			
201	A	72	X60	-Y5-28+30+-	2	S4x7.7	BA	N/A	2	△	7.00	7.00	4	0.42	14.42	18.42	0.00	0.00	0.00	0.58	14.58	18.58	1	4.5	325.51	0.00	0.00	0.26																			
301	B	72	X24																																												
202	A	72	X60	-Y5-37+70+-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.42	12.42	15.92	0.00	0.00	0.00	0.58	12.58	16.08	1	4	217.93	0.00	0.00	0.23																			
																							TOTAL	TOTAL	TOTAL	TOTAL																					
																							5007.36	3330.52	8.15	0.49																					
USE:																							5008	3331	9	1																					

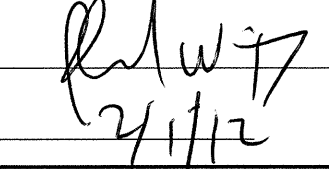
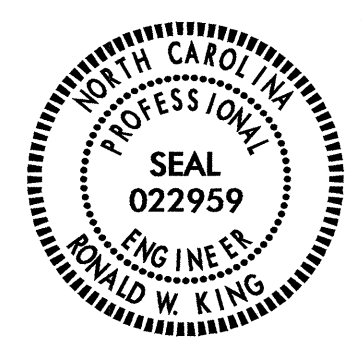
NOTES

- 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.

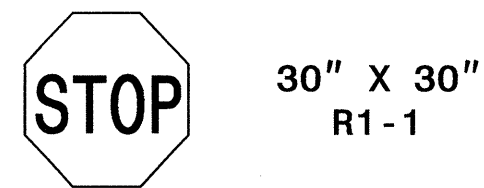


TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

01-FEB-2012 13:36
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 dibbeard

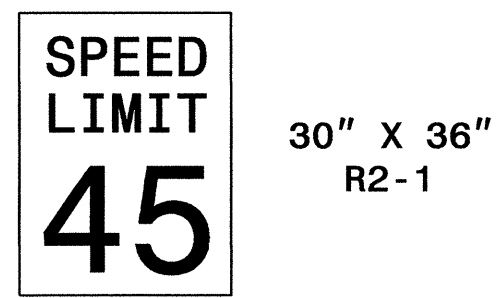
TIP NO. U-2211B	SHEET NO. SIGN-3
APPROVED: 	
DATE: 2/1/12	
SEAL 	

401 QUANTITY REQ'D 5



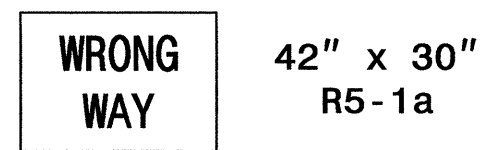
ONE "U" POST PER SIGN

406 QUANTITY REQ'D 1



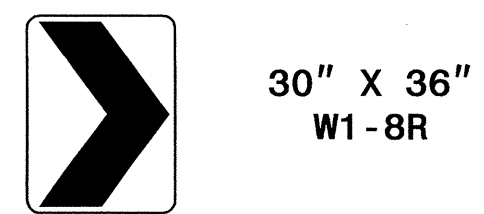
ONE "U" POST PER SIGN

411 QUANTITY REQ'D 4



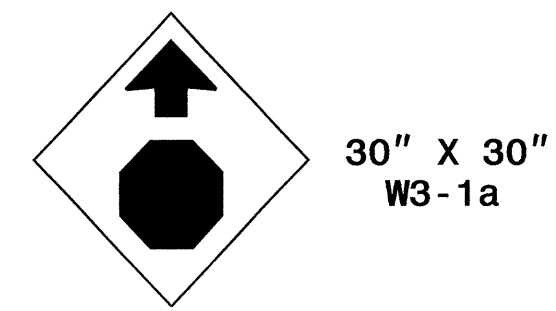
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416 QUANTITY REQ'D 4



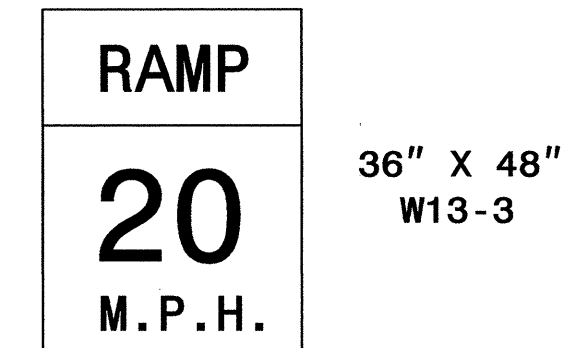
ONE "U" POST PER SIGN

421 QUANTITY REQ'D 1



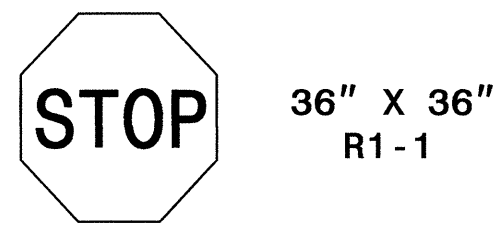
ONE "U" POST PER SIGN

426 QUANTITY REQ'D 1



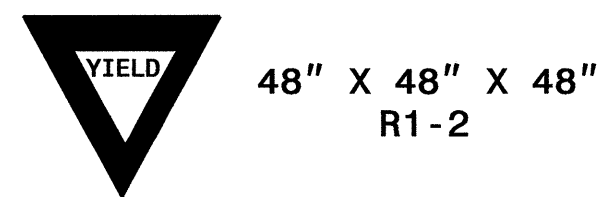
TWO "U" POSTS PER SIGN

402 QUANTITY REQ'D 4



TWO "U" POSTS PER SIGN

407 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

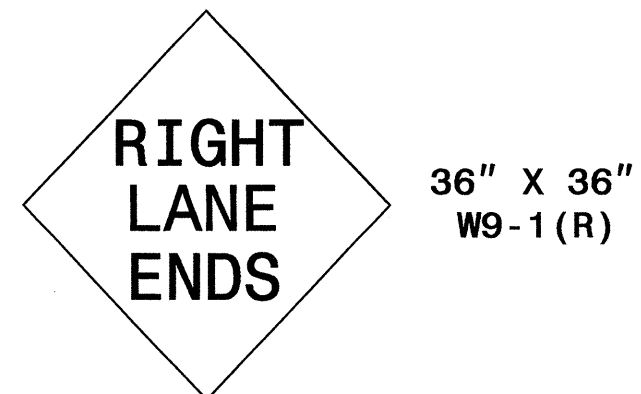
412 QUANTITY REQ'D 2



YELLOW/GREEN REFLECTIVE SHEETING

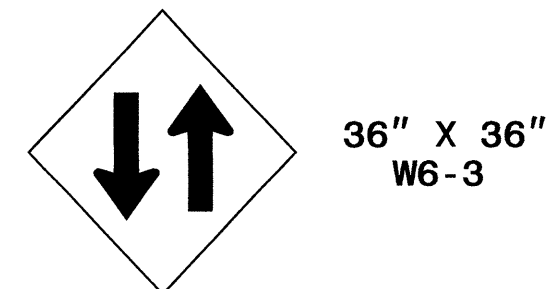
ONE "U" POST PER SIGN

417 QUANTITY REQ'D 1



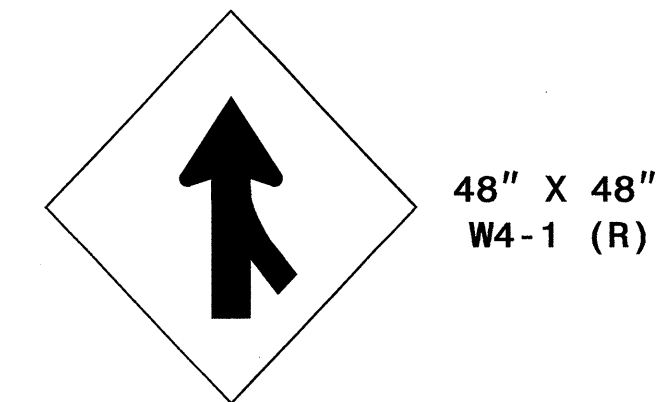
ONE "U" POST PER SIGN

422 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

427 QUANTITY REQ'D 2



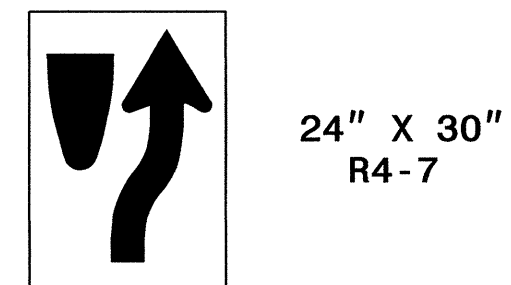
TWO "U" POSTS PER SIGN

403 QUANTITY REQ'D 6



MOUNT ABOVE SIGN 402
IN 4 INSTALLATIONS
TWO "U" POSTS PER SIGN

408 QUANTITY REQ'D 8



MOUNT BEHIND SIGN 402
IN 1 INSTALLATION
ONE "U" POST PER SIGN

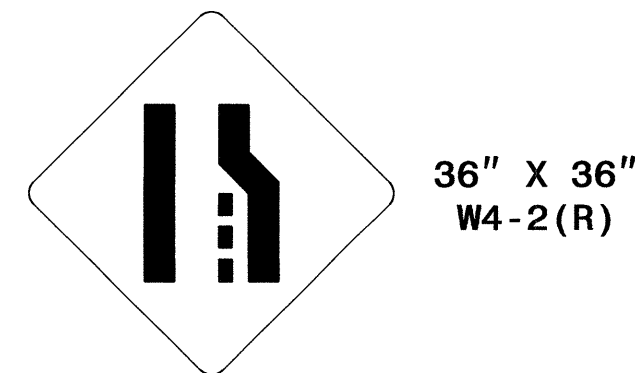
413 QUANTITY REQ'D 2



YELLOW/GREEN REFLECTIVE SHEETING

MOUNT BELOW SIGN 412
IN 2 INSTALLATIONS

418 QUANTITY REQ'D 1



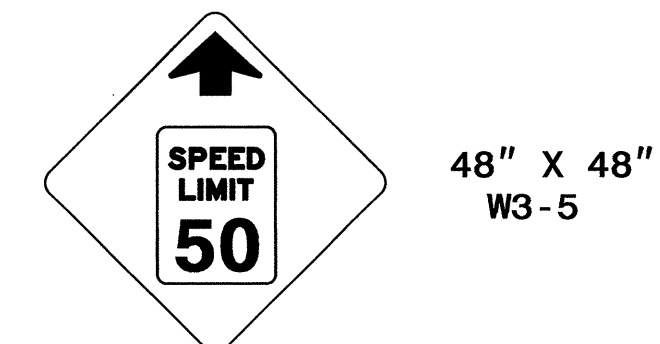
ONE "U" POST PER SIGN

423 QUANTITY REQ'D 1



TWO "U" POSTS PER SIGN

428 QUANTITY REQ'D 1



TWO "U" POSTS PER SIGN

404 QUANTITY REQ'D 4



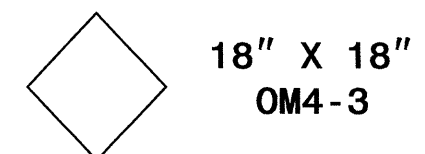
TWO "U" POSTS PER SIGN

409 QUANTITY REQ'D 4



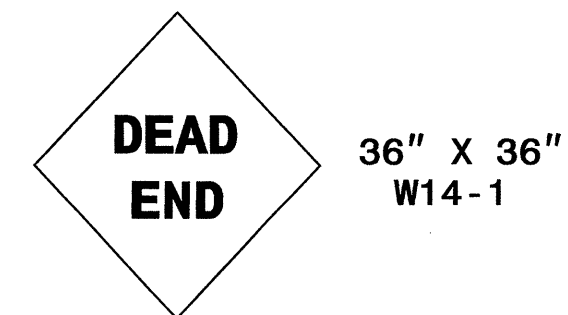
ONE "U" POST PER SIGN

414 QUANTITY REQ'D 6



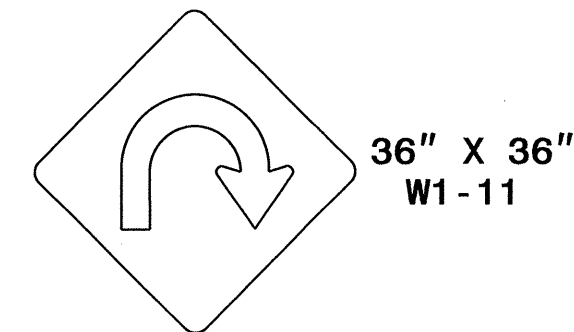
ONE "U" POST PER SIGN

419 QUANTITY REQ'D 1



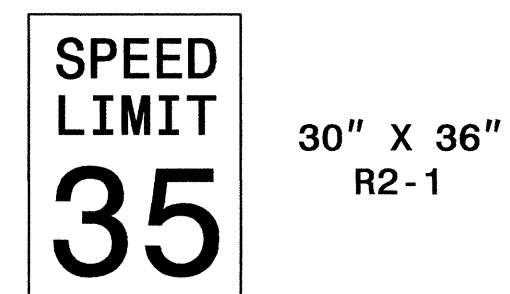
ONE "U" POST PER SIGN

424 QUANTITY REQ'D 1



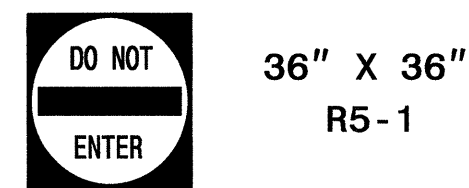
ONE "U" POST PER SIGN

405 QUANTITY REQ'D 7



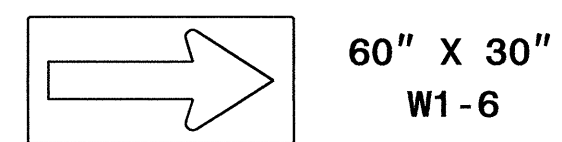
ONE "U" POST PER SIGN

410 QUANTITY REQ'D 1



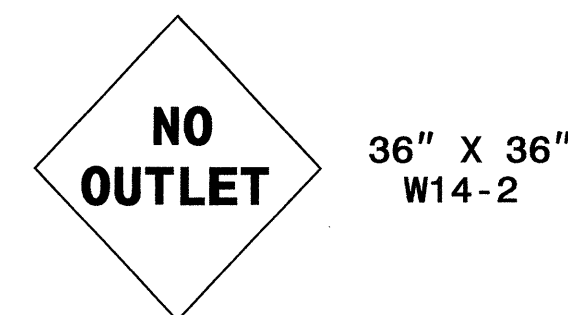
ONE "U" POST PER SIGN

415 QUANTITY REQ'D 1



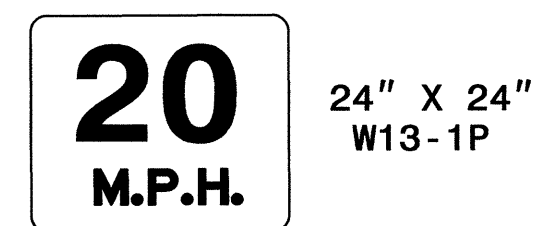
ONE "U" POST PER SIGN

420 QUANTITY REQ'D 1



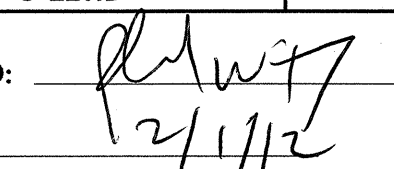

ONE "U" POST PER SIGN

425 QUANTITY REQ'D 1



MOUNT BELOW SIGN 424
IN 1 INSTALLATION

TYPE "E" SIGNS

TIP NO. U-2211B	SHEET NO. SIGN-3A
APPROVED: 	
DATE: 2/1/12	
SEAL	
	

501

TO 24" X 12"
 321 30" X 24"
 ↑ 21" X 15"

NORTH SOUTH 2 - 24" X 12"
 321A 321A 2 - 30" X 24"
 ← → 2 - 21" X 15"

505

SOUTH 24" X 12"
 321 30" X 24"
 ↙ 21" X 15"

510

NORTH TO 2 - 24" X 12"
 321A 321 2 - 30" X 24"
 ↑ → 2 - 21" X 15"

506

SOUTH NORTH 2 - 24" X 12"
 321A 321A 2 - 30" X 24"
 ← → 2 - 21" X 15"

502

JCT 21" X 15"
 321 30" X 24"
 RIGHT LANE 24" X 18"

507

TO SOUTH 2 - 24" X 12"
 321 321A 2 - 30" X 24"
 ← ↑ 2 - 21" X 15"

503

JCT 21" X 15"
 321 30" X 24"

508

SOUTH 24" X 12"
 321A 30" X 24"

504

NORTH 24" X 12"
 321 30" X 24"
 ↘ 21" X 15"

509

NORTH 24" X 12"
 321A 30" X 24"

TYPE "F" SIGNS

O:\FEB-2012\3739
 01\FEB-2012\3739\CADD\Signing Layout Plans\Engseed.dgn
 dibbeard

SIGN NUMBER: 101
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 9'-0"
TOTAL AREA: 117.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	17.9	96.5	30	24
AR_Type A	97.5	84.7	18.3	28.7
MT_4	14.9	34	30	24
AR_Type A	94.3	27.5	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 31, 2012

USE NOTES: 1, 2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	109.8
EM 2000	42.8
EM 2000	109.4
E 2000	129.7

FILENAME: U-2211B_Sgn_Sgn_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103
TYPE: A
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 7'-6"
TOTAL AREA: 60.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	13.6	57.4	30	24
AR_Type A	33.6	12.3	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 25, 2012

USE NOTES: 1, 2, 3

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.9
EM 2000	48.2

FILENAME: U-2211B_Sgn_Sgn_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102
TYPE: A
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 11'-0"
TOTAL AREA: 126.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	17.9	96.5	30	24
AR_Type A	97.5	84.7	18.3	28.7
MT_4	14.9	34	30	24
AR_Type A	94.3	27.5	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 25, 2012

USE NOTES: 1, 2, 3

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.9
EM 2000	48.2
E 2000	30.7
EM 2000	63.8

FILENAME: U-2211B_Sgn_Sgn_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 104
TYPE: A
QUANTITY: 1
SIGN WIDTH: 20'-6"
HEIGHT: 5'-0"
TOTAL AREA: 102.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 238.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
MT_4	17.9	96.5	30	24
AR_Type A	97.5	84.7	18.3	28.7
MT_4	14.9	34	30	24
AR_Type A	94.3	27.5	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 31, 2012

USE NOTES: 1, 2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	221.1
E 2000	92.2

FILENAME: U-2211B_Sgn_Sgn_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

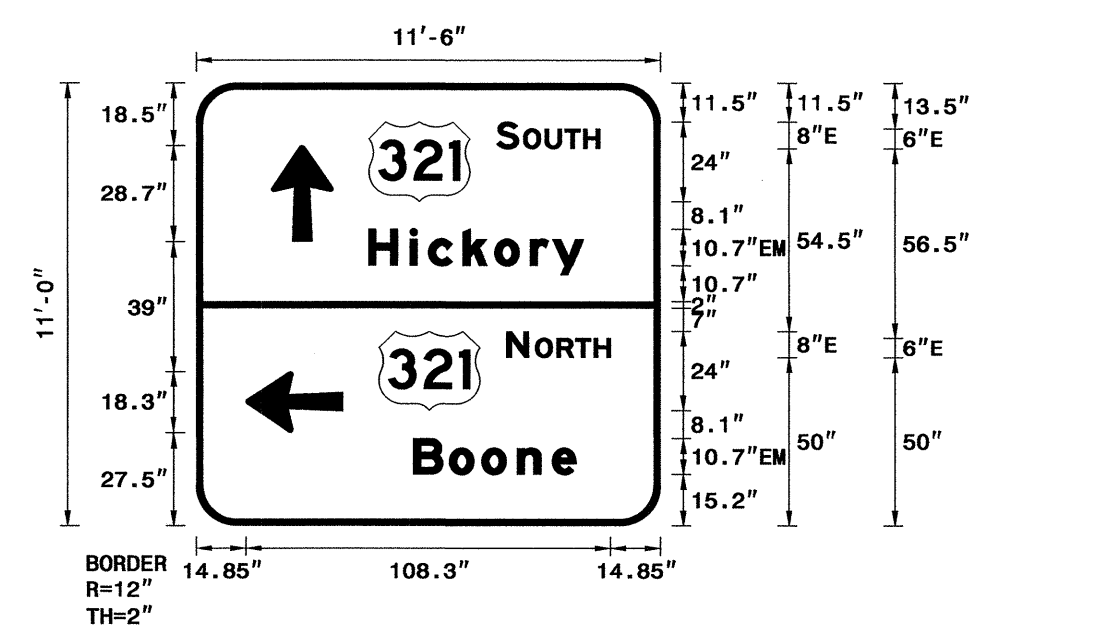
TIP NO. U-2211B	SHEET NO. SIGN-4A
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	

SIGN NUMBER: 105
TYPE: A
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 11'-0"
TOTAL AREA: 126.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 12"
NO. Z BARS: 3
LENGTH: 130.0

SYMBOL	X	Y	WID	HT
W1_4	51.3	96.5	30	24
AR_Type A	22.4	84.7	18.3	28.7
W1_4	54.3	34	30	24
AR_Type A	14.8	27.5	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 25, 2012



USE NOTES: 1, 2, 3
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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.7
EM 2000	63.8
E 2000	30.9
EM 2000	48.2

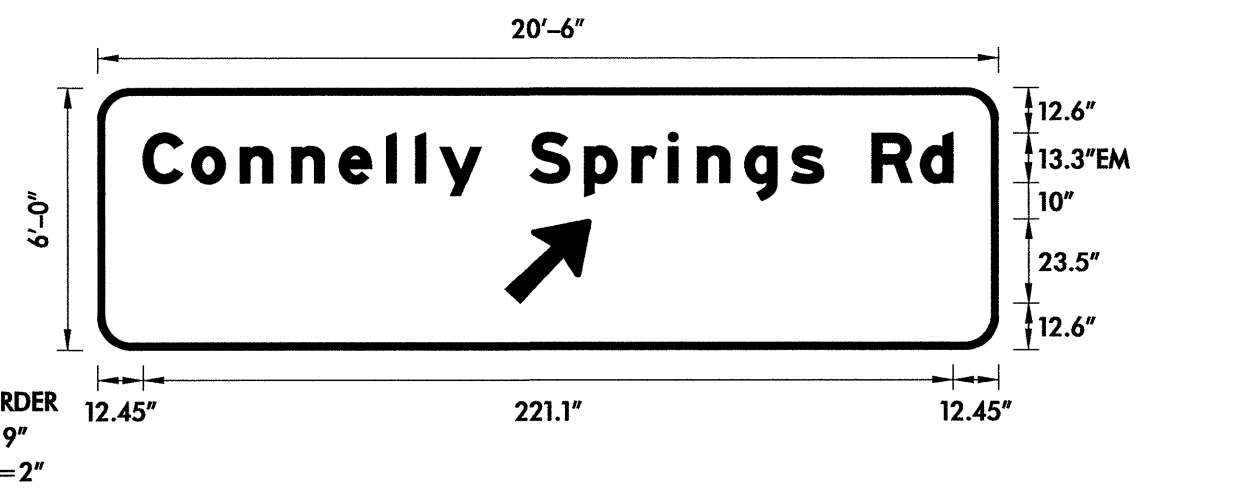
FILENAME: U-2211B_Sgn_SGN_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 107, 108
TYPE: A
QUANTITY: 2
SIGN WIDTH: 20'-6"
HEIGHT: 6'-0"
TOTAL AREA: 123.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"
NO. Z BARS: 2
LENGTH: 238.0

SYMBOL	X	Y	WID	HT
AR_Type A	111.2	12.6	18.3	30

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 26, 2012



USE NOTES: 1, 2, 3
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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	221.1

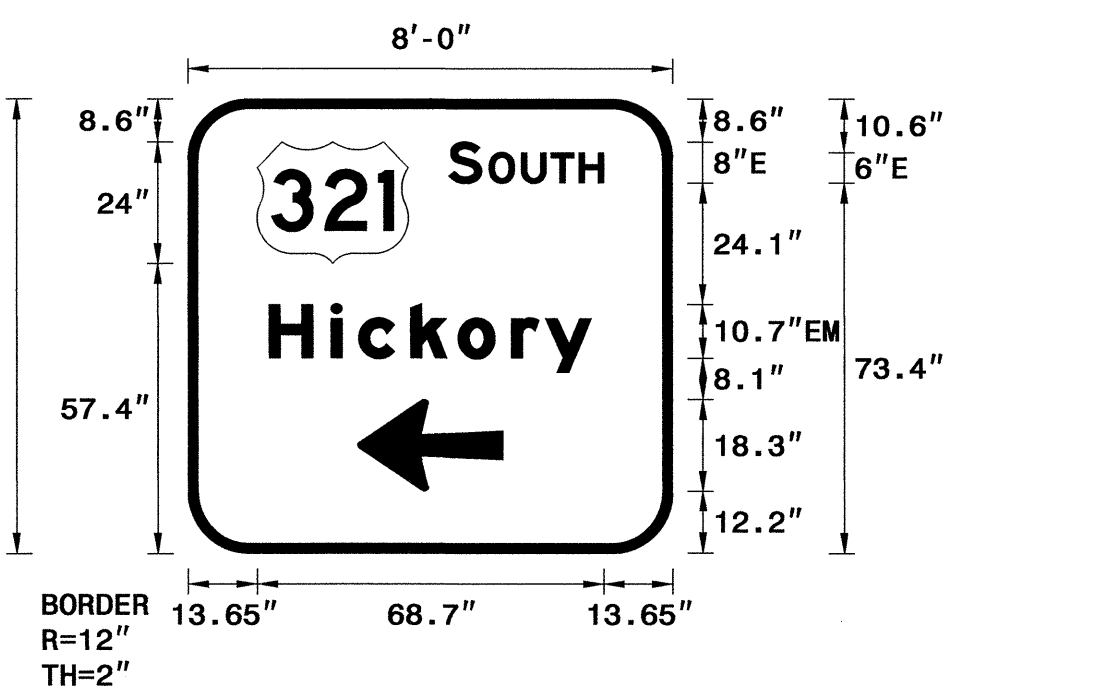
FILENAME: U-2211B_Sgn_SGN_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 106
TYPE: A
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 7'-6"
TOTAL AREA: 60.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 12"
NO. Z BARS: 3
LENGTH: 88.0

SYMBOL	X	Y	WID	HT
W1_4	13.7	57.4	30	24
AR_Type A	33.6	12.3	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 25, 2012



USE NOTES: 1, 2, 3
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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	30.7
EM 2000	63.8

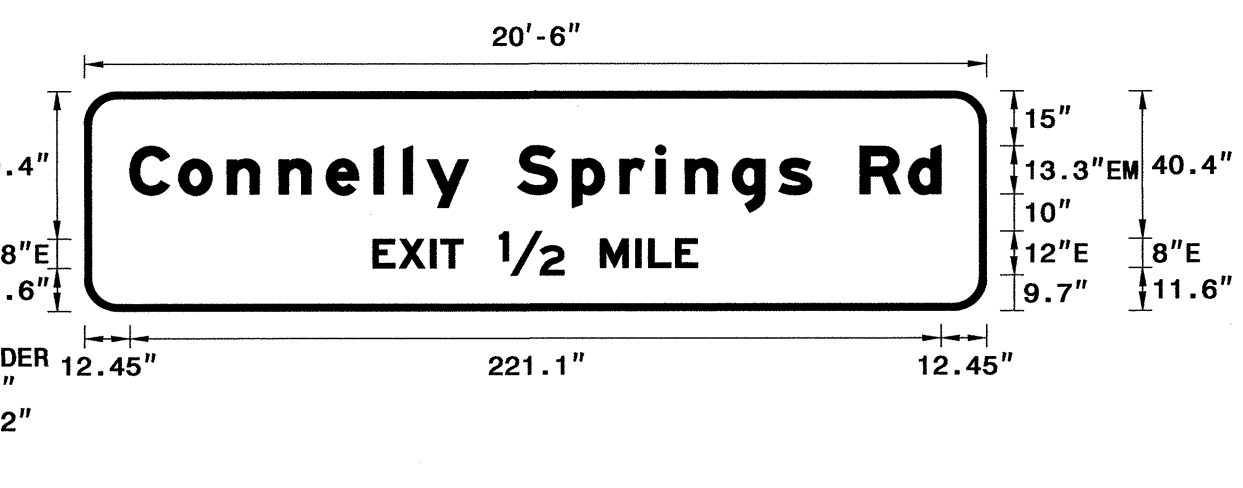
FILENAME: U-2211B_Sgn_SGN_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 109
TYPE: A
QUANTITY: 1
SIGN WIDTH: 20'-6"
HEIGHT: 5'-0"
TOTAL AREA: 102.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADIUS: 9"
NO. Z BARS: 2
LENGTH: 238.0

SYMBOL	X	Y	WID	HT
AR_Type A	111.2	12.6	18.3	30

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: DHB
PROJECT ID: U-2211B
CHECKED BY:
DIV: 11
DATE: Jan 25, 2012



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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	221.1
E 2000	24.5
E 2000	26.5
E 2000	17.6

FILENAME: U-2211B_Sgn_SGN_Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

01-FEB-2012 8:43
 C:\Users\jacob\Documents\Sign Designs\U-2211B_Sgn_SGN_Design.dgn
 d:\beard

TIP NO. U-2211B	SHEET NO. SIGN-4B
APPROVED: <i>[Signature]</i>	
DATE: 2/4/12	
SEAL	

SIGN NUMBER: 201, 202 BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 6'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 30.0 Sq.Ft.

SYMBOL	X	Y	WID	HT
AR_Type A	24.8	6.7	18	28.4

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 8"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 64.0

DESIGN BY: DHB CHECKED BY:
 PROJECT ID: U-2211B DIV: 11 DATE: Jan 25, 2012

BORDER
 R=8"
 TH=1.5"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T							Series/Size Text Length
	17.5	10.6	13	4.6	8.9	17.5					EM 2000 37

FILENAME: U-2211B_Sgn_Sgn_Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 BACKG COLOR: Yellow
 TYPE: D COPY COLOR: Black
 QUANTITY: 1
 SIGN WIDTH: 2'-6"
 HEIGHT: 2'-0"
 TOTAL AREA: 5.0 Sq.Ft.

SYMBOL	X	Y	WID	HT
--------	---	---	-----	----

BORDER TYPE: FLUSH
 RECESS: 0.5"
 WIDTH: 0.75"
 RADII: 1.38"

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

DESIGN BY: DHB CHECKED BY:
 PROJECT ID: U-2211B DIV: 11 DATE: Jan 25, 2012

BORDER
 R=1.38"
 TH=0.75"
 IN=0.5"

MOUNT BELOW SIGN 417

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	B	E	Y	O	N	D					Series/Size Text Length
	4.5	3.6	3	3.8	4	3.9	2.8	4.4			C 2000 21.1
		S	I	G	N	A	L				C 2000 19.1
	5.5	3.7	1.7	3.8	3.5	3.9	2.6	5.4			

FILENAME: U-2211B_Sgn_Sgn_Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301 BACKG COLOR: Yellow
 TYPE: D COPY COLOR: Black
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 12.0 Sq.Ft.

SYMBOL	X	Y	WID	HT
--------	---	---	-----	----

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

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

DESIGN BY: DHB CHECKED BY:
 PROJECT ID: U-2211B DIV: 11 DATE: Jan 25, 2012

BORDER
 R=4"
 TH=1"
 IN=1"

MOUNT BELOW SIGN 201

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS


Letter spacings are to start of next letter

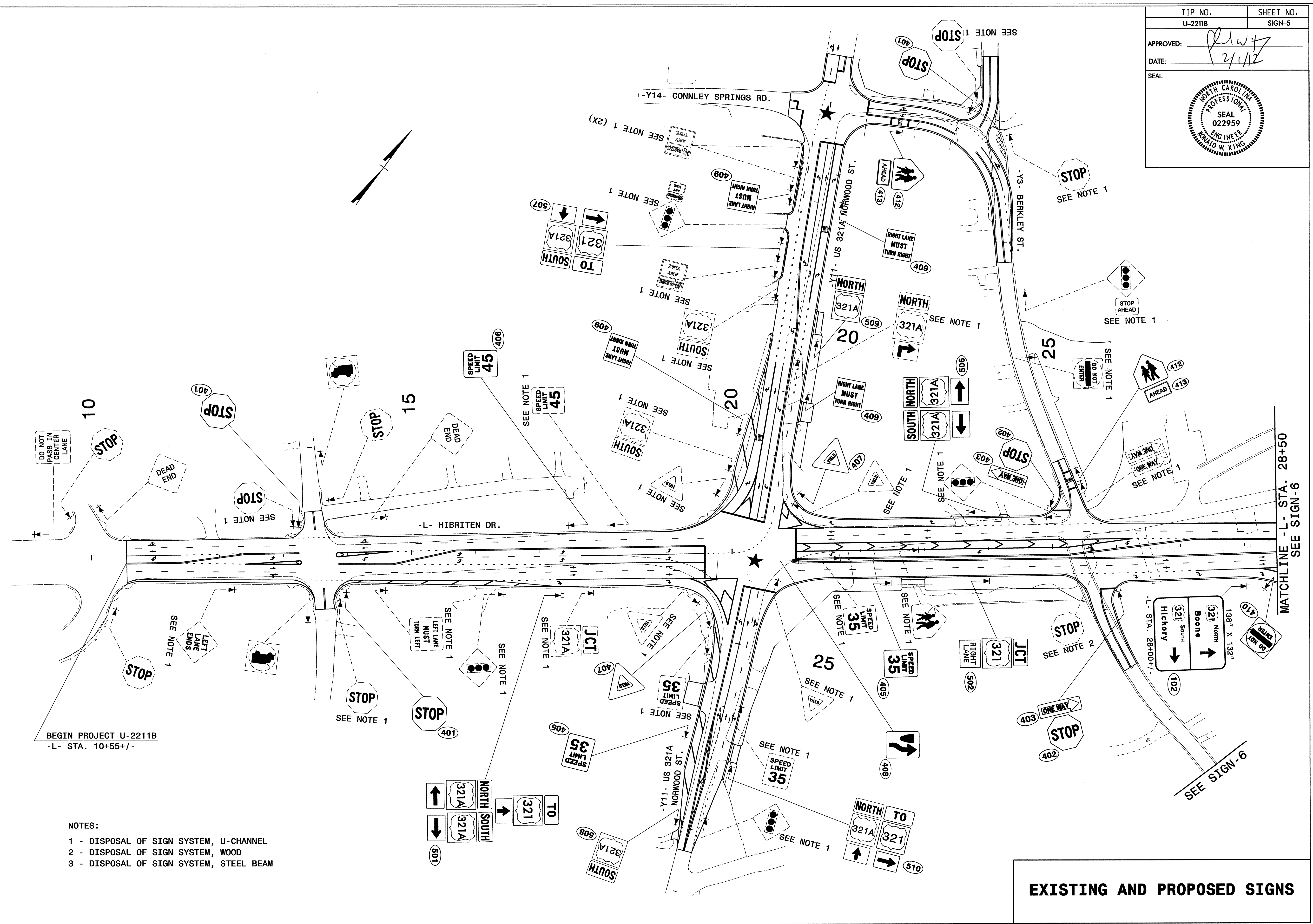
	2	0	M	P	H						Series/Size Text Length
	6.3	9.8	8.5	12	11.4	9.4	8.2	6.3			D 2000 59.3

FILENAME: U-2211B_Sgn_Sgn_Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

01-FEB-2012 13:44
 C:\Users\jacob\OneDrive\Documents\Sign Designs\U-2211B_Sgn_Sgn_Design.dgn
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TIP NO. U-2211B	SHEET NO. SIGN-5
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	
	

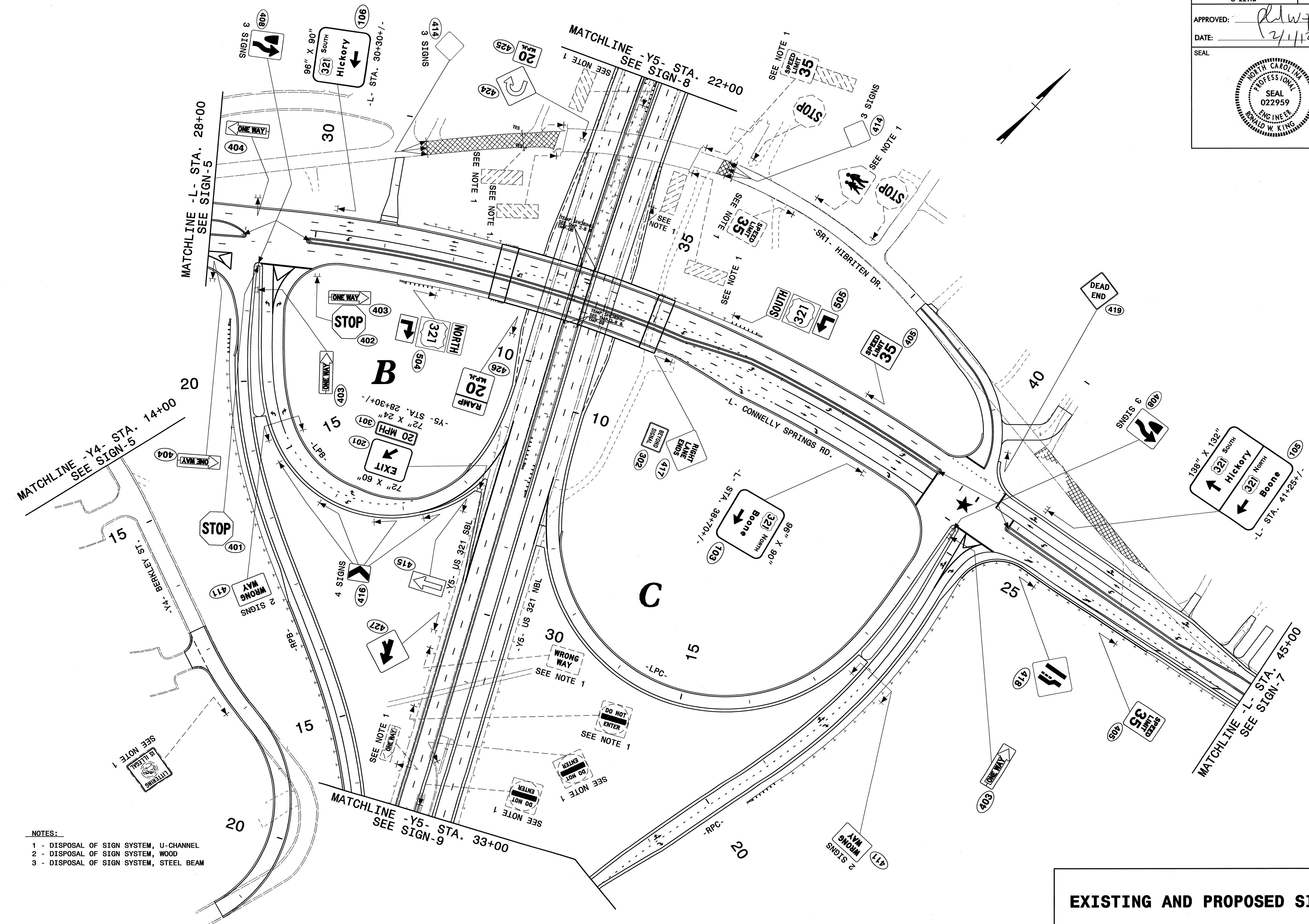


BEGIN PROJECT U-2211B
-L- STA. 10+55+/-

- NOTES:**
- 1 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2 - DISPOSAL OF SIGN SYSTEM, WOOD
 - 3 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING AND PROPOSED SIGNS


01-FEB-2012 13:47
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 dibear-d

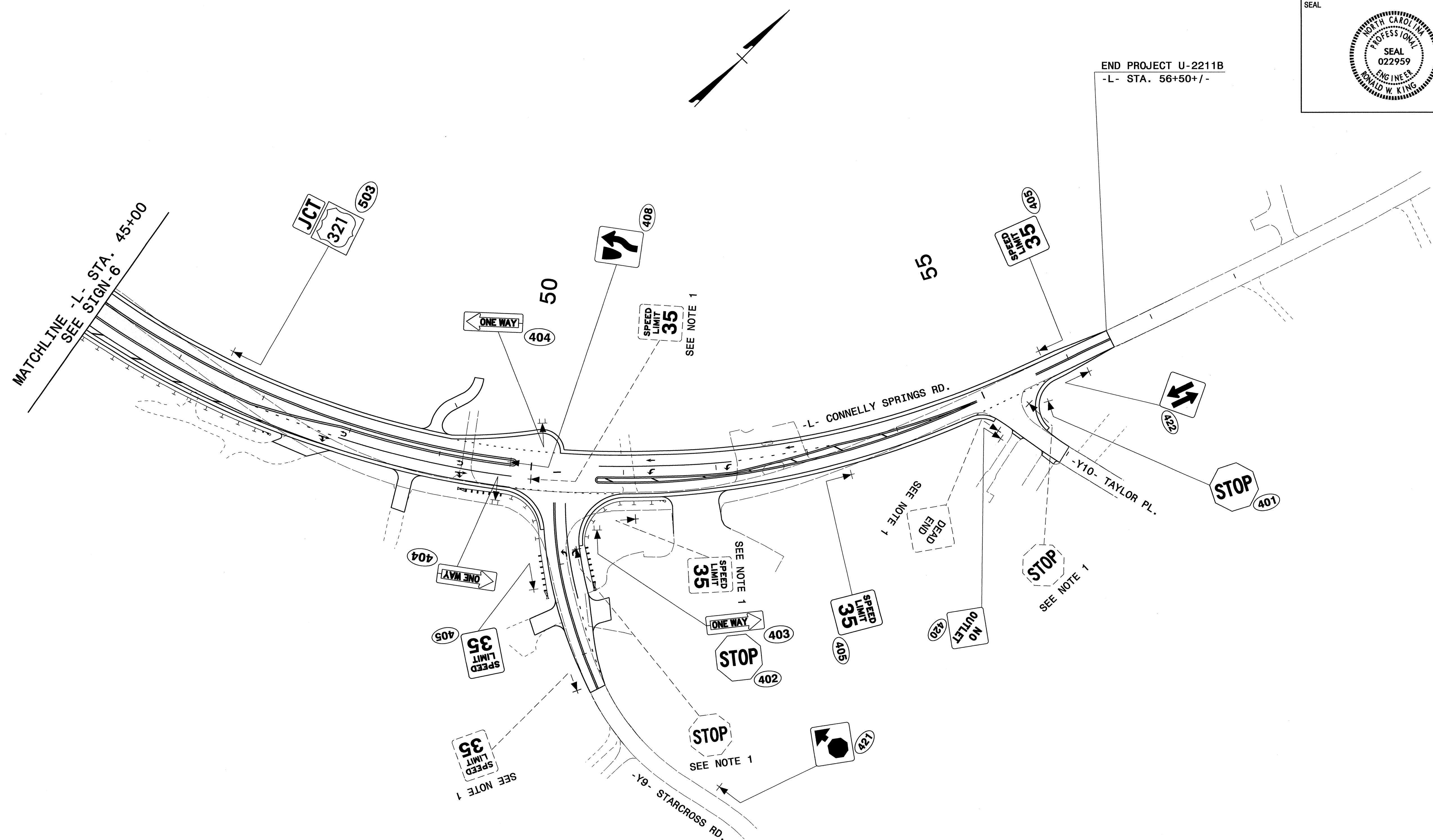


- NOTES:**
- 1 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2 - DISPOSAL OF SIGN SYSTEM, WOOD
 - 3 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING AND PROPOSED SIGNS

01-FEB-2012 13:52
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 Plotted to AT: 2/1/12 11:36
 dibeard

TIP NO. U-2211B	SHEET NO. SIGN-7
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	
	




- NOTES:**
- 1 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2 - DISPOSAL OF SIGN SYSTEM, WOOD
 - 3 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

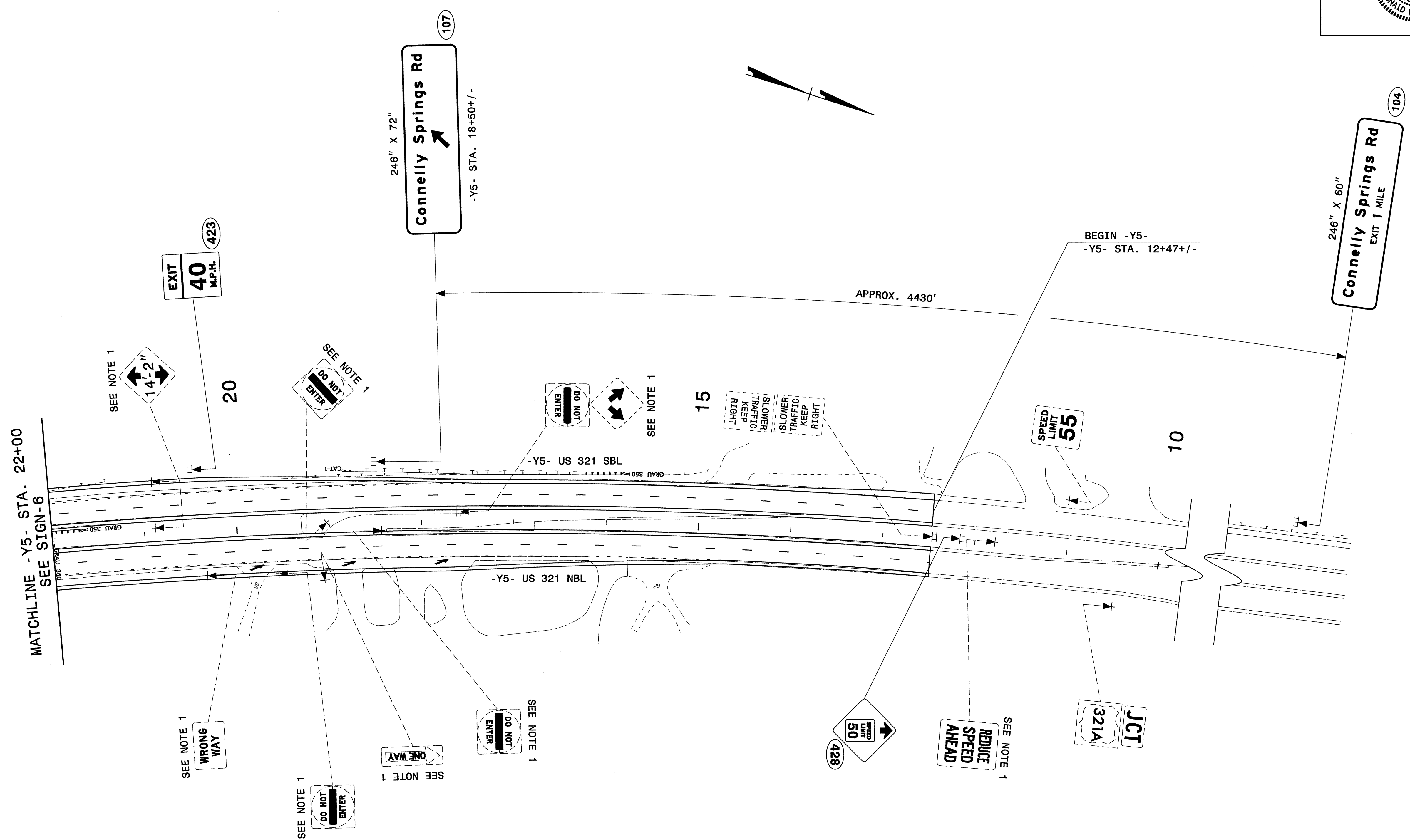
EXISTING AND PROPOSED SIGNS

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 dibbeard

TIP NO. U-2211B	SHEET NO. SIGN-8
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	



RONALD W. KING
ENGINEER
SEAL 022959
NORTH CAROLINA
PROFESSIONAL



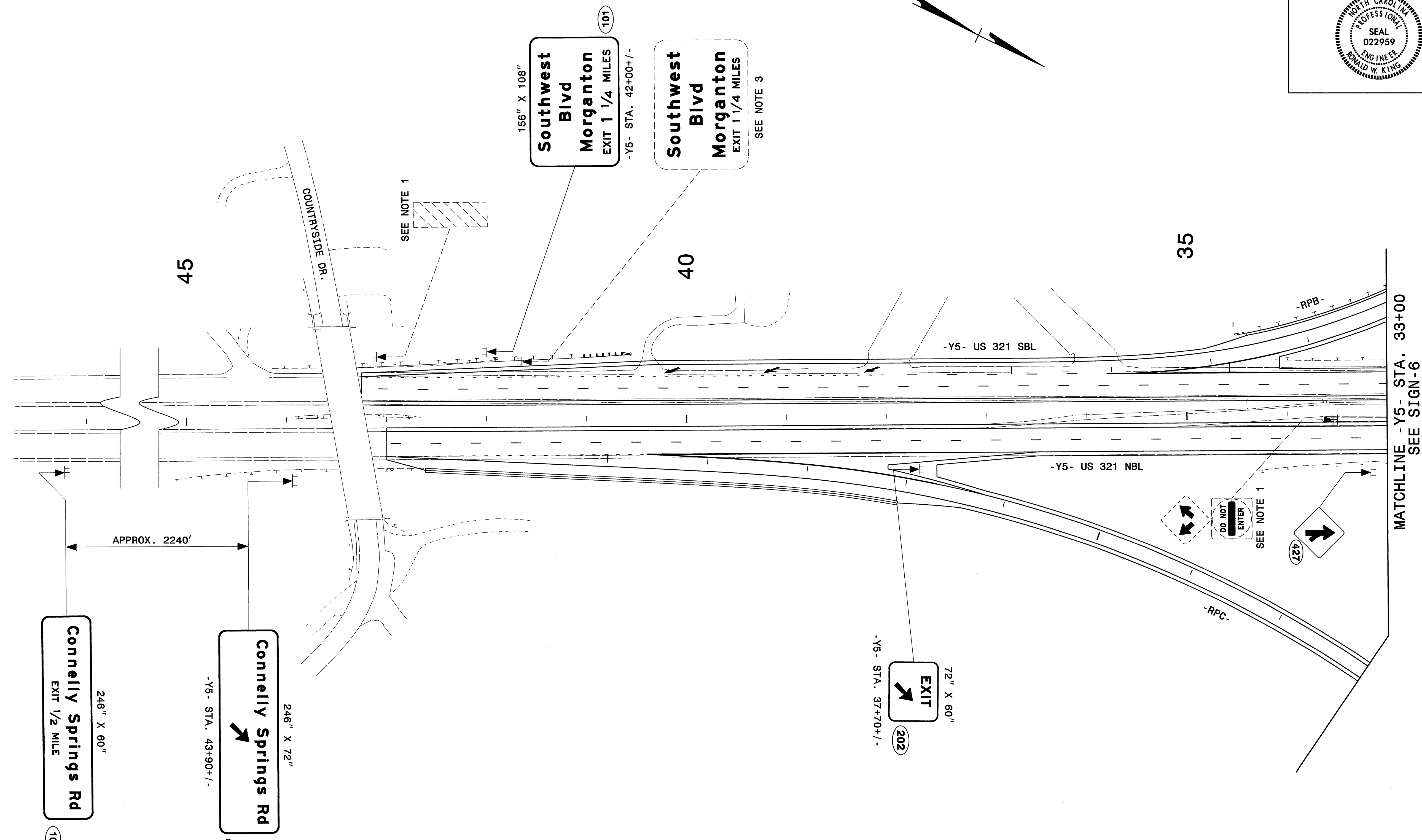
- NOTES:**
- 1 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2 - DISPOSAL OF SIGN SYSTEM, WOOD
 - 3 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING AND PROPOSED SIGNS

01-FEB-2012 13:56
 R:\Projects\2011\Signing Layout Plans\U-2211B.Sgn_SGN.SIGNS.dgn
 dbbeard

TIP NO. U-2211B	SHEET NO. SIGN-9
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	

SEAL
022959
ENGINEER
DONALD W. KING



- NOTES:**
- 1 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2 - DISPOSAL OF SIGN SYSTEM, WOOD
 - 3 - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING AND PROPOSED SIGNS

01-FEB-2012 14:00
 R:\Projects\110\Signage\Signage Layout Plans\U-2211B-Sgn-SGN_SIGN.dgn
 dbbeard AL 11/24/11