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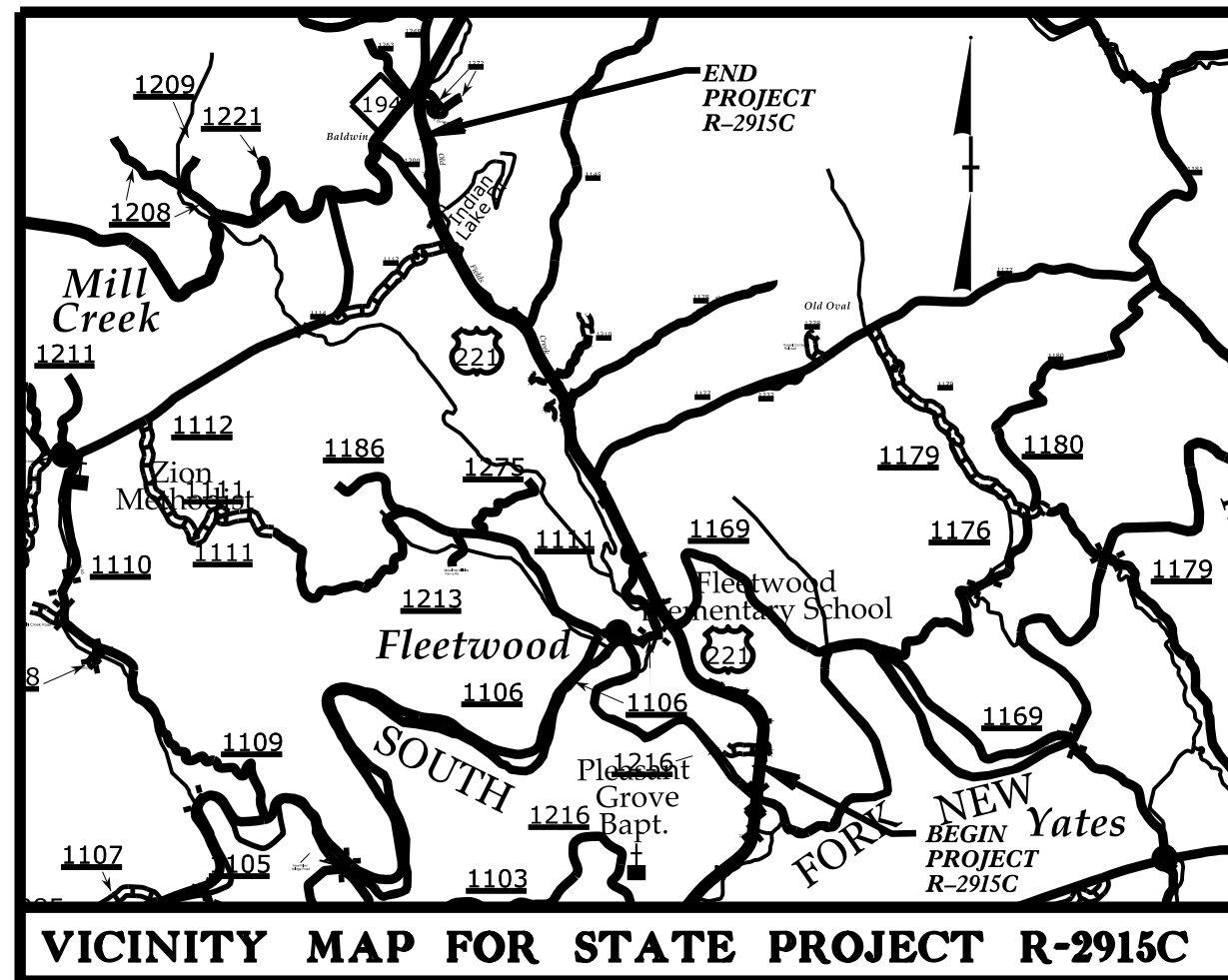
T.I.P.: R-2915C

CONTRACT:

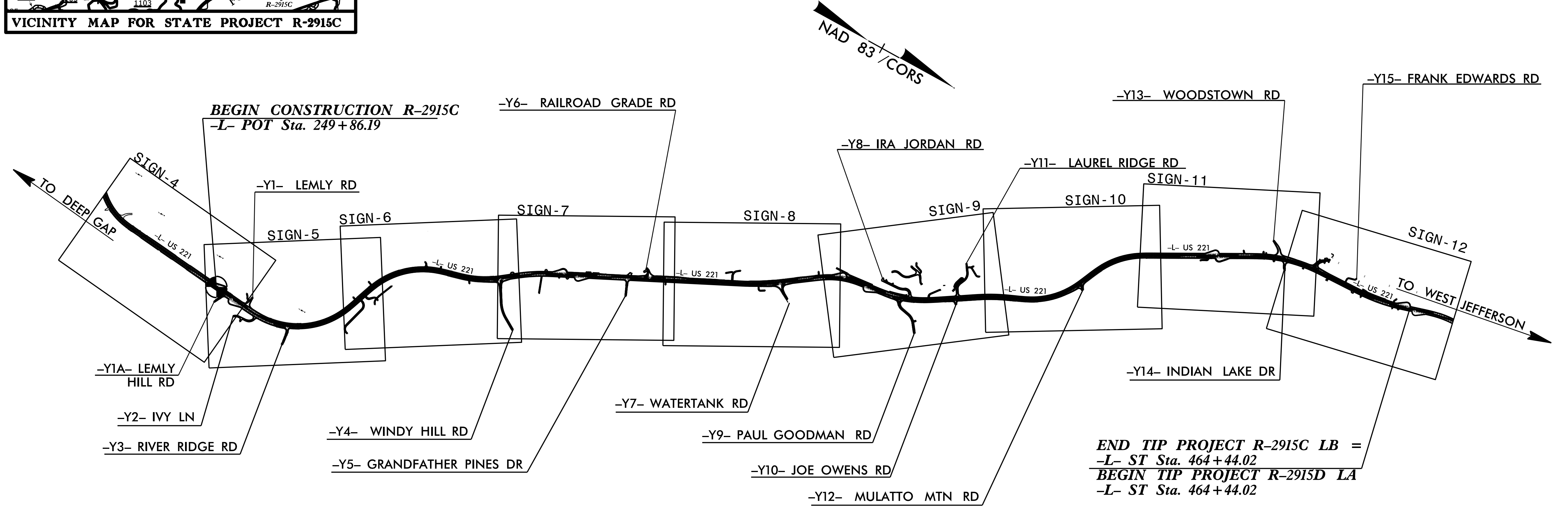
**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
ASHE COUNTY**

**LOCATION: US 221 FROM NORTH OF SOUTH FORK NEW RIVER
TO SOUTH OF NC 194.**



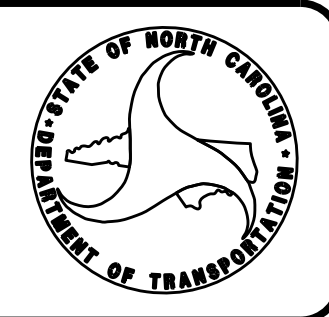
<small>TIP NO.</small> R-2915C	<small>SHEET NO.</small> SIGN-1
<small>APPROVED:</small> <i>Joseph Kopaskie</i>	
<small>DATE:</small> 6/21/2016	
<small>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</small>	



SEPI
ENGINEERING & CONSTRUCTION

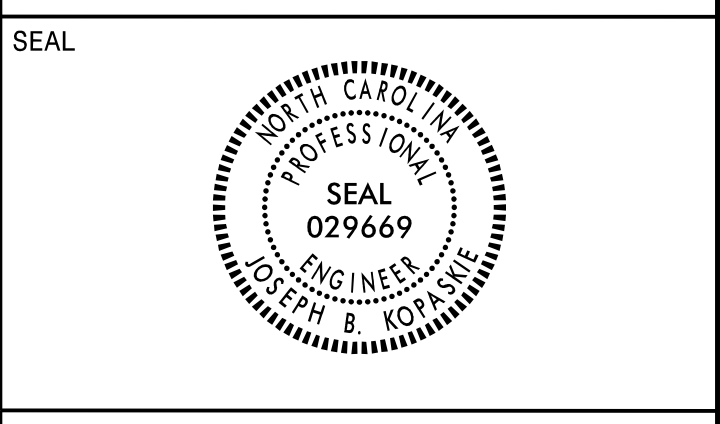
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

<small>PLAN PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT</small>	
<u>KELVIN L. JORDAN</u>	<small>SIGNING & DELINEATION REGIONAL ENGINEER</small>
<u>DERRICK H. BEARD</u>	<small>SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN</small>



<small>PLAN PREPARED BY: SEPI ENGINEERING & CONSTRUCTION</small>	
<u>JOSEPH B. KOPASKIE, PE</u>	<small>SIGNING & DELINEATION PROJECT ENGINEER</small>
<u>RICHARD DRAYTON</u>	<small>SIGNING & DELINEATION PROJECT DESIGN ENGINEER</small>

<small>SHEET NO.</small>	<small>DESCRIPTION</small>
SIGN-1-1A	TITLE SHEET, NOTES, QUANTITIES AND SPECIFICATIONS
SIGN-2 & 2A	E & F
SIGN-3	SIGN DESIGNS
SIGN-4-12	R-2915C EXISTING & PROPOSED SIGN DETAIL SHEETS



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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
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PROJECT NOTES

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. SIGN ERECTION, RELOCATE SIGN TYPE E
3. DISPOSAL OF SUPPORT, U-CHANNEL
4. SIGN ERECTION, RELOCATE SIGN TYPE F

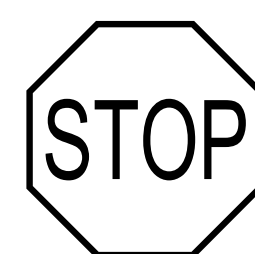
GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . 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 GRADE C REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	2598	L.F.
4102000000	904	SIGN ERECTION, TYPE E	133	EA.
4108000000	904	SIGN ERECTION, TYPE F	14	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE F	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	31	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA.

401 QUANTITY REQ'D ..16



36 X 36
R1-1

TWO "U" POST PER SIGN

406 QUANTITY REQ'D ..17



54 X 18

TWO "U" POSTS PER SIGN

412 QUANTITY REQ'D ..11



36 X 24
R5-1A

ONE "U" POST PER SIGN

418 QUANTITY REQ'D ..3



36 X 36
R3-4

ONE "U" POSTS PER SIGN

TIP NO. R-2915C	SHEET NO. SIGN-2
APPROVED: <i>Joseph Kopanski</i>	
DATE: 6/21/2016	
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402 QUANTITY REQ'D ..17



36 X 12
R6-1(R)

MOUNT ABOVE EXISTING STOP
SIGN IN 1 INSTALLATION
MOUNT ABOVE SIGN 401
IN 16 INSTALLATIONS

408 QUANTITY REQ'D ..2



36 X 48
R2-1

TWO "U" POSTS PER SIGN

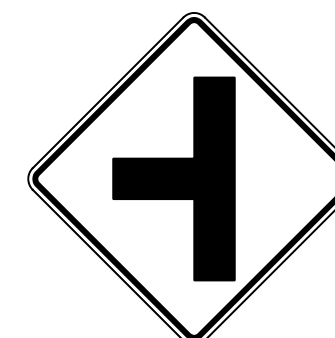
414 QUANTITY REQ'D ..1



48" X 8"
W16-8P

(SEE SIGN-3
FOR SIGN DESIGN)
MOUNT BELOW SIGN 410
IN 1 INSTALLATION

419 QUANTITY REQ'D ..3



36 X 36
W2-2(L)

TWO "U" POST PER SIGN

403 QUANTITY REQ'D ..8



54 X 18
R6-1(L)

TWO "U" POSTS PER SIGN

409 QUANTITY REQ'D ..2



42" X 8"
W16-8P

(SEE SIGN-3
FOR SIGN DESIGN)
MOUNT BELOW SIGN 410
IN 1 INSTALLATION
MOUNT BELOW SIGN 419
IN 1 INSTALLATION

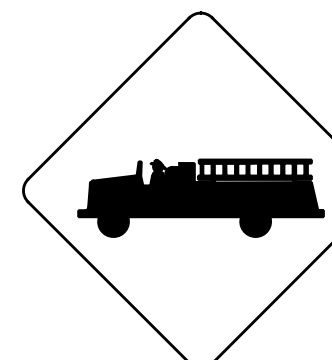
415 QUANTITY REQ'D ..2



42" X 8"
W16-8P

(SEE SIGN-3A
FOR SIGN DESIGN)
MOUNT BELOW SIGN 410
IN 1 INSTALLATION
MOUNT BELOW SIGN 419
IN 1 INSTALLATION

420 QUANTITY REQ'D ..1



36 X 36
W11-8

ONE "U" POST PER SIGN

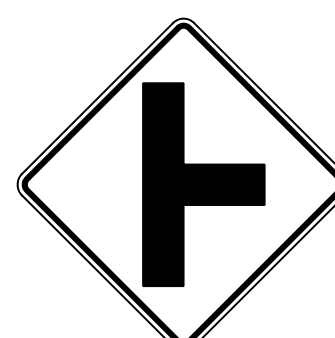
404 QUANTITY REQ'D ..2



30" X 18"
W16-8P

(SEE SIGN-3A
FOR SIGN DESIGN)
MOUNT BELOW SIGN 410
IN 1 INSTALLATION
MOUNT BELOW SIGN 419
IN 1 INSTALLATION

410 QUANTITY REQ'D ..5



36 X 36
W2-2(R)

TWO "U" POST PER SIGN

416 QUANTITY REQ'D ..1



42" X 8"
W16-8P

(SEE SIGN-3A
FOR SIGN DESIGN)
MOUNT BELOW SIGN 410
IN 1 INSTALLATION

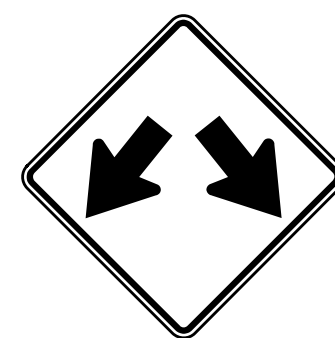
421 QUANTITY REQ'D ..2



36 X 36
R3-7

ONE "U" POST PER SIGN

405 QUANTITY REQ'D ..11



36 X 36
W12-1

ONE "U" POST PER SIGN

411 QUANTITY REQ'D ..28



36 X 36
R5-1

ONE "U" POST PER SIGN

417 QUANTITY REQ'D ..1



36 X 36
W14-1

ONE "U" POST PER SIGN


SEPI ENGINEERING & CONSTRUCTION

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TYPE "E" SIGNS

501 505 508 513

SOUTH 1 - 36" X 18"
221 1 - 45" X 36"
 1 - 30" X 21"
 (SEE SIGN-3 FOR SIGN DESIGN)

TWO "U" POSTS PER SIGN

502 506 509 512

SOUTH 1 - 36" X 18"
221 1 - 45" X 36"

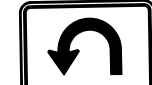
TWO "U" POSTS PER SIGN

503 504 507 510

NORTH 1 - 36" X 18"
221 1 - 45" X 36"

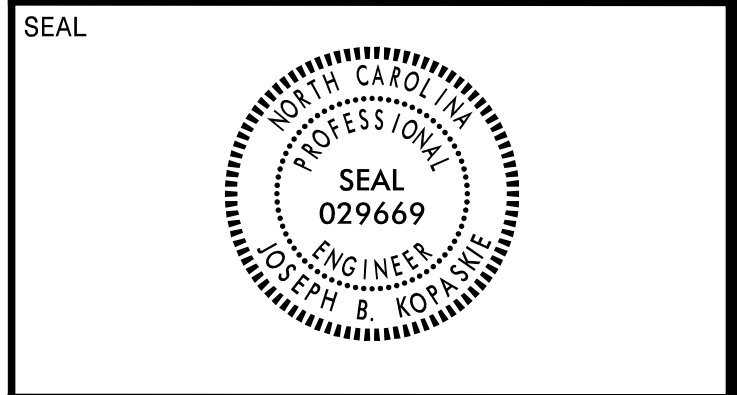
TWO "U" POSTS PER SIGN

511 514

NORTH 2 - 36" X 18"
221 2 - 45" X 36"
 2 - 30" X 21"
 (SEE SIGN-3 FOR SIGN DESIGN)

TWO "U" POSTS PER SIGN

TIP NO.	SHEET NO.
R-2915C	SIGN-2A
APPROVED: <i>Joseph Kopaskie</i>	
DATE: 6/21/2016	



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 UNLESS ALL SIGNATURES COMPLETED**

\$\$\$SYTIME\$\$\$DGN\$\$\$DUPLICATE\$\$\$

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 CONSTRUCTION Tel: 919-789-9977
 Fax: 919-789-9591
 License: C-2197

TYPE "F" SIGNS

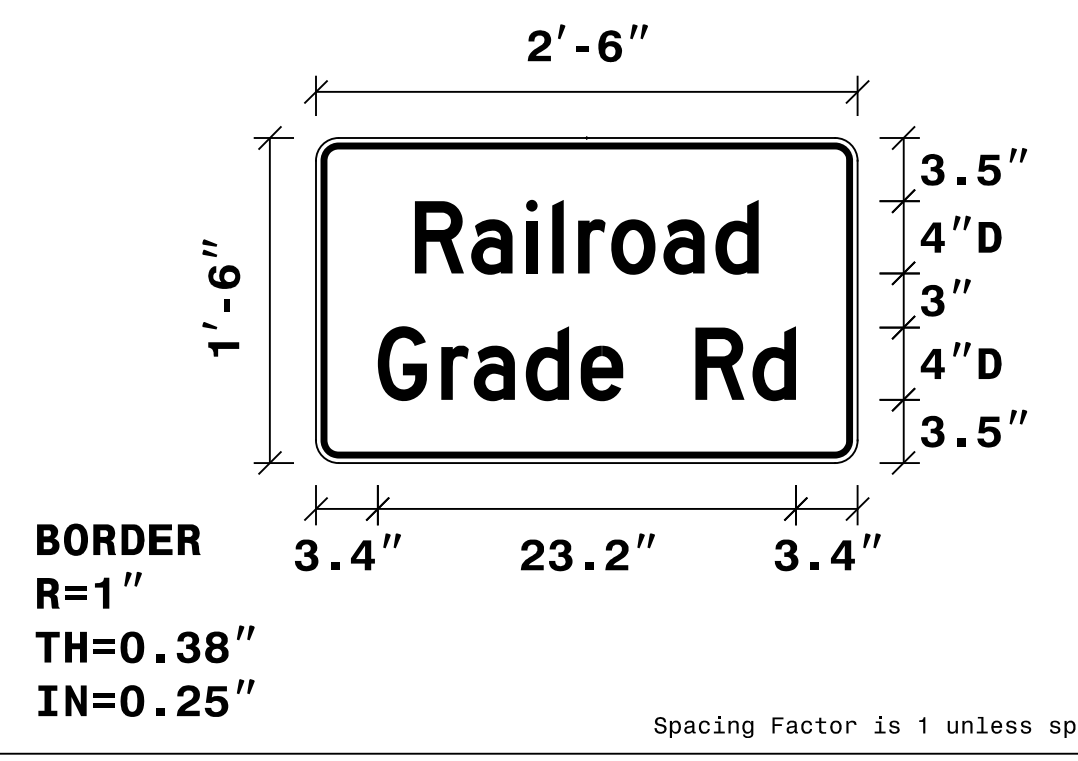
SIGN NUMBER: 404
 TYPE: E
 QUANTITY: 2
 SIGN WIDTH: 2'-6"
 HEIGHT: 1'-6"
 TOTAL AREA: 3.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.25"
 WIDTH: 0.38"
 RADII: 1"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Yellow
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R DRAYTON
 PROJECT ID: R-2915C
 CHECKED BY: J KOPASKIE
 DIV: 11
 DATE: Dec 17, 2015



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	19
D 2000	23.2

FILENAME: Signi Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

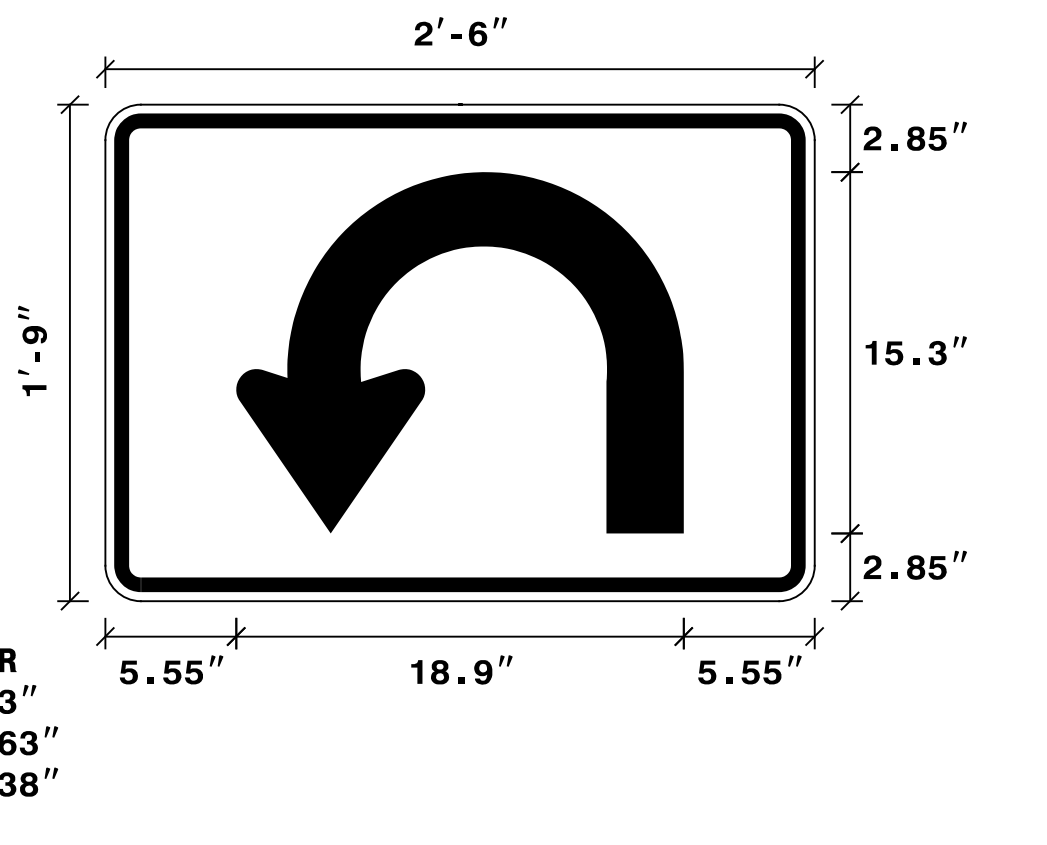
SIGN NUMBER: M5-1
 TYPE: M5-1
 QUANTITY: 9
 SIGN WIDTH: 2'-6"
 HEIGHT: 1'-9"
 TOTAL AREA: 4.4 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.38"
 WIDTH: 0.63"
 RADII: 1.13"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: White
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT
U_Turn	8.5	5.2	10.5	13

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R Drayton
 PROJECT ID: R-2915C
 CHECKED BY: J Kopaskie
 DIV: 11
 DATE: Dec 08, 2015



BORDER
 R=1.13"
 TH=0.63"
 IN=0.38"

MOUNT BELOW SIGN 501
 IN 1 INSTALLATION
 MOUNT BELOW SIGN 502
 IN 1 INSTALLATION
 MOUNT BELOW SIGN 505
 IN 1 INSTALLATION
 MOUNT BELOW SIGN 506
 IN 1 INSTALLATION
 MOUNT BELOW SIGN 508
 IN 1 INSTALLATION

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	19
D 2000	23.2

FILENAME: Signi Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

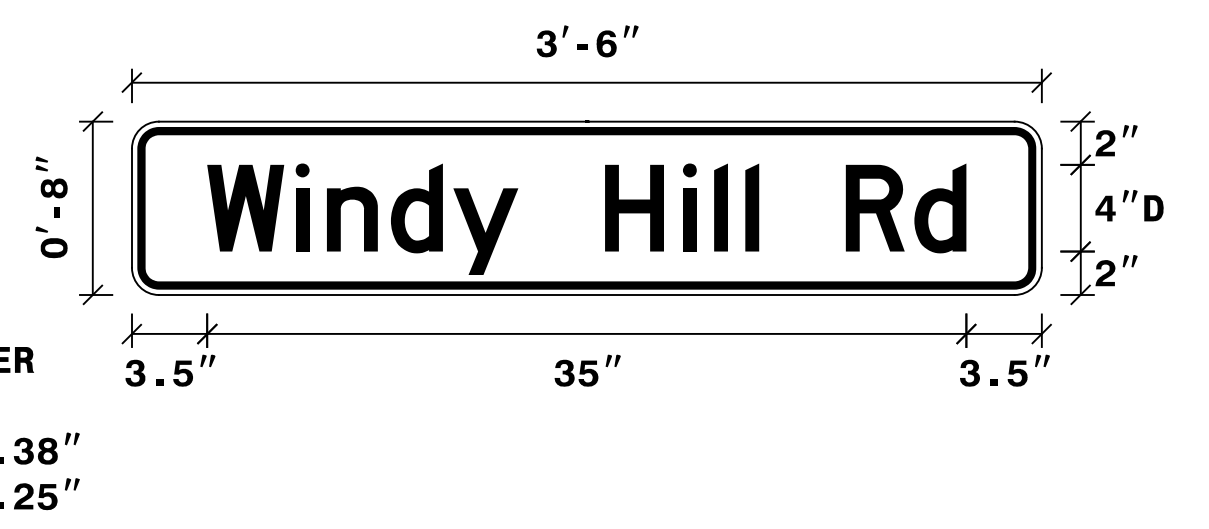
SIGN NUMBER: 409
 TYPE: E
 QUANTITY: 2
 SIGN WIDTH: 3'-6"
 HEIGHT: 0'-8"
 TOTAL AREA: 2.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.25"
 WIDTH: 0.38"
 RADII: 1"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Yellow
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R Drayton
 PROJECT ID: R-2915C
 CHECKED BY: J Kopaskie
 DIV: 11
 DATE: Dec 08, 2015



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	35

FILENAME: Signi Designs

NORTH CAROLINA D.O.T. SIGN DETAIL

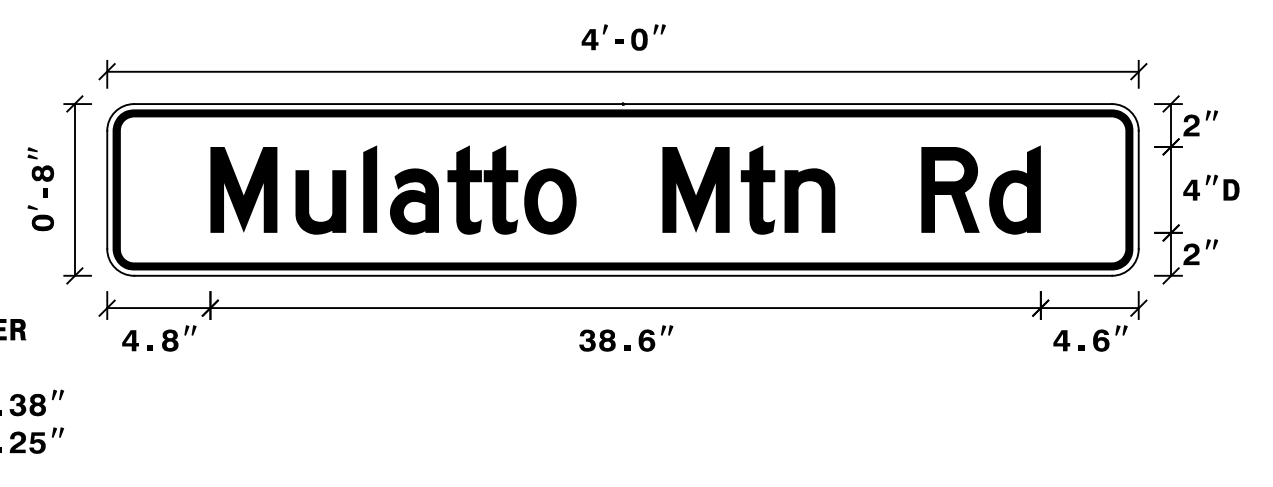
SIGN NUMBER: 414
 TYPE: E
 QUANTITY: 1
 SIGN WIDTH: 4'-0"
 HEIGHT: 0'-8"
 TOTAL AREA: 2.7 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.25"
 WIDTH: 0.38"
 RADII: 1"
 NO. Z BARS: 1
 LENGTH:

BACKG COLOR: Yellow
 COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R Drayton
 PROJECT ID: R-2915C
 CHECKED BY: J Kopaskie
 DIV: 11
 DATE: Dec 08, 2015



BORDER
 R=1"
 TH=0.38"
 IN=0.25"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	38.6

FILENAME: Signi Designs

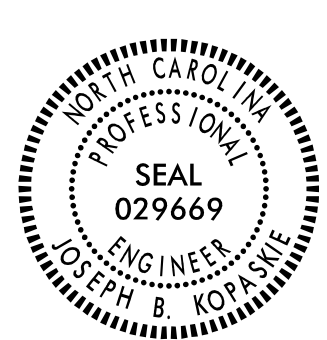
NORTH CAROLINA D.O.T. SIGN DETAIL

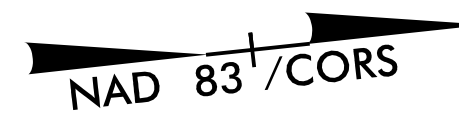
TIP NO. R-2915C
 SHEET NO. SIGN-3
 APPROVED: Joseph Kopaskie
 DATE: 6/21/2016
 SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER JOSEPH B. KOPASKIE
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SYSTEMS ENGINEERING & CONSTRUCTION

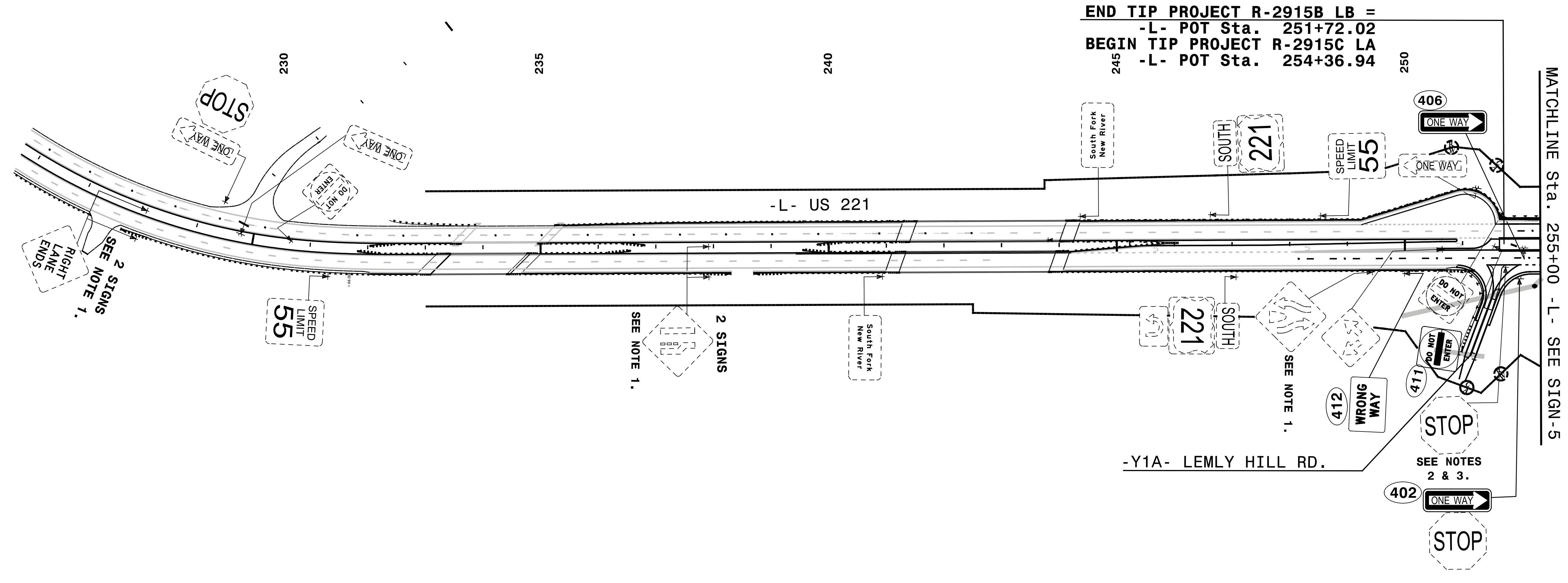
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 License: C-2197

SIGN DESIGNS

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-4
APPROVED: <i>Joseph Kopaske</i> <small>REGISTERED PROFESSIONAL ENGINEER</small>	
DATE: 6/21/2016	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS



END TIP PROJECT R-2915B LB =
 -L- POT Sta. 251+72.02
BEGIN TIP PROJECT R-2915C LA
 -L- POT Sta. 254+36.94

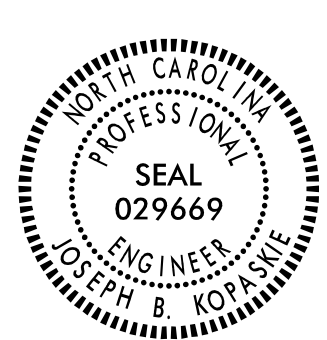
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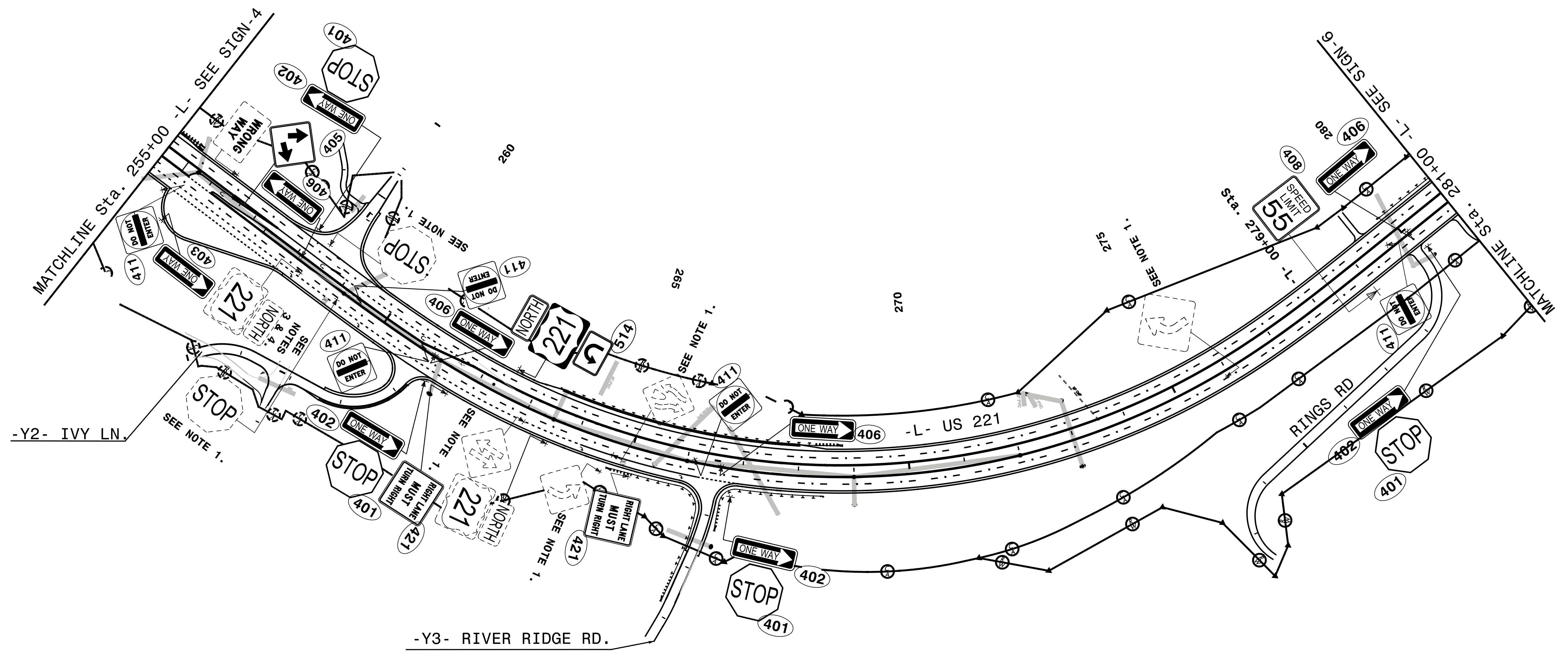
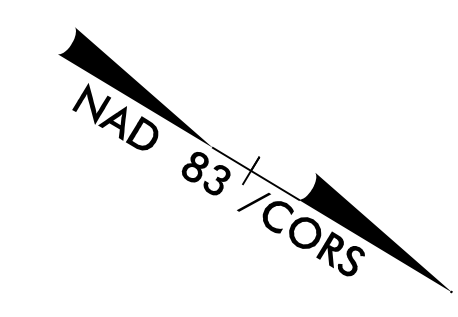
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. SIGN ERECTION, RELOCATE SIGN TYPE E
3. DISPOSAL OF SUPPORT, U-CHANNEL
4. SIGN ERECTION, RELOCATE SIGN TYPE F

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**EXISTING & PROPOSED
SIGNING DETAIL**

SYSTEMS DESIGN CONSULTANTS

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-5
APPROVED: <i>Joseph Kopaske</i> <small>SCOREAE690AS4FA</small>	
DATE: 6/21/2016	
SEAL	
	
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REVISIONS

NOTES

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. DISPOSAL OF SUPPORT, U-CHANNEL
4. SIGN ERECTION, RELOCATE SIGN TYPE F

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ENGINEERING & CONSTRUCTION


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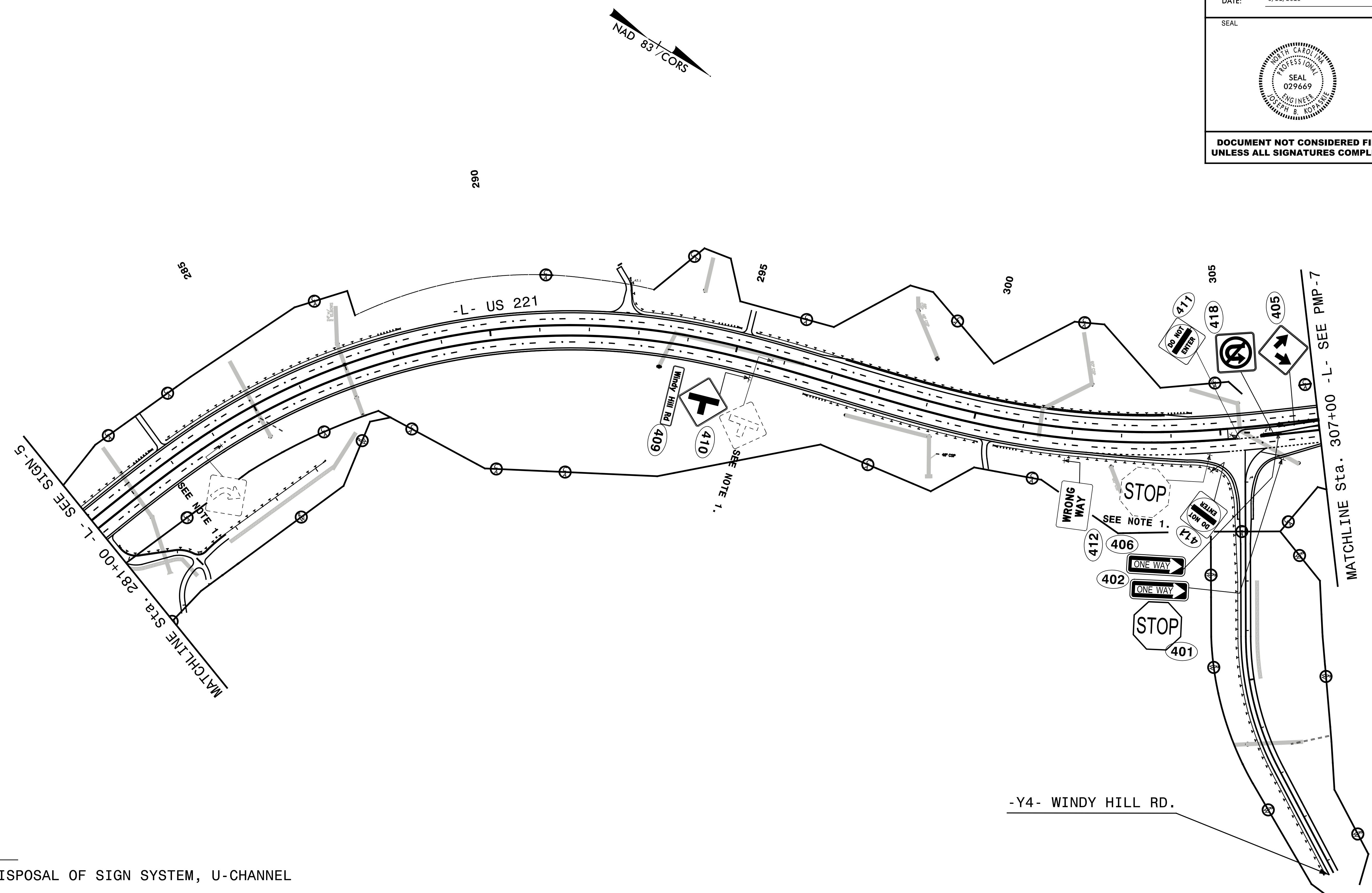
**EXISTING & PROPOSED
SIGNING DETAIL**

SYSTEMS DOWN

B/17/99

REVISIONS

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-6
APPROVED: <i>Joseph Kopaskie</i> <small>DESIGNED BY: JOSEPH KOPASKIE</small>	
DATE: 6/21/2016	
SEAL	
	
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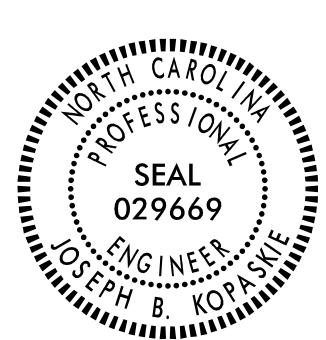
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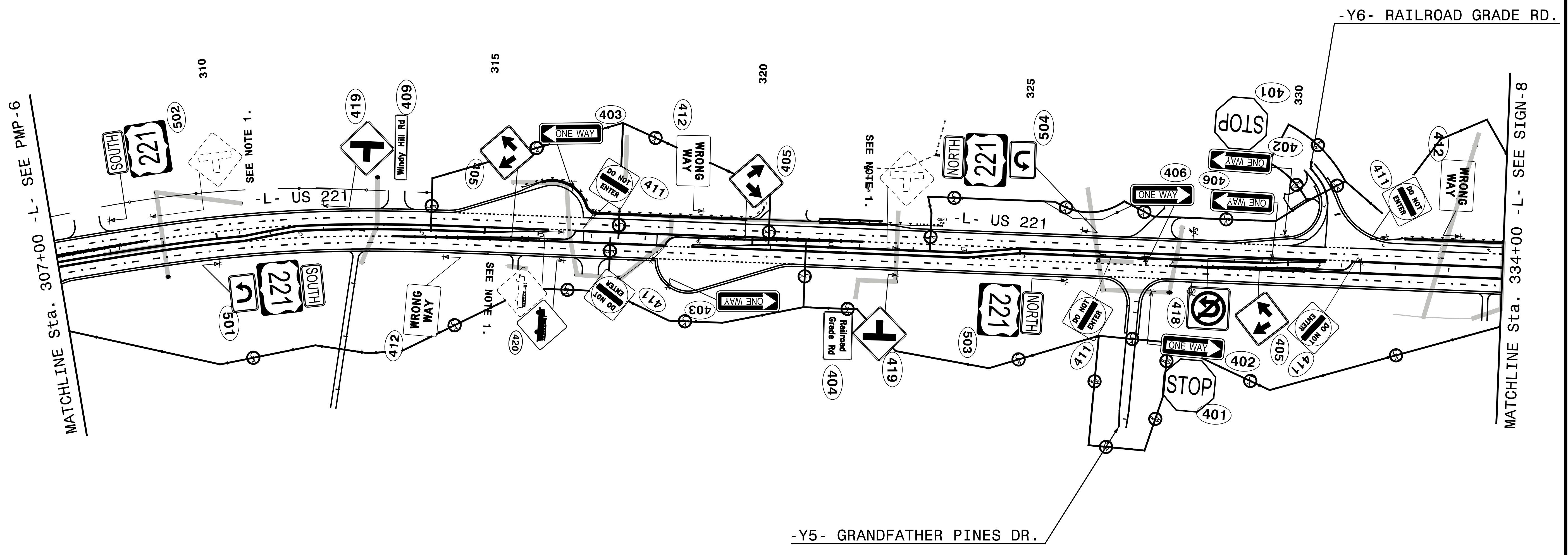
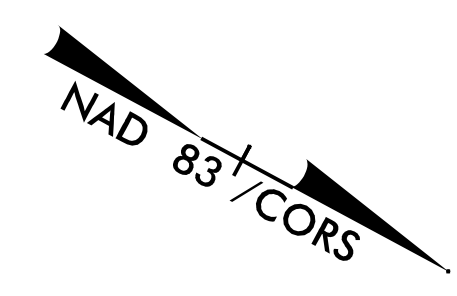
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-7
APPROVED: <i>Joseph Kopaske</i> <small>REGISTERED PROFESSIONAL ENGINEER</small>	
DATE: 6/21/2016	
SEAL	
	
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REVISIONS

NOTE


- 1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

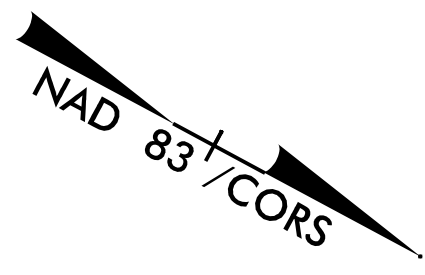
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Fax: 919-789-9591
License: C-2197

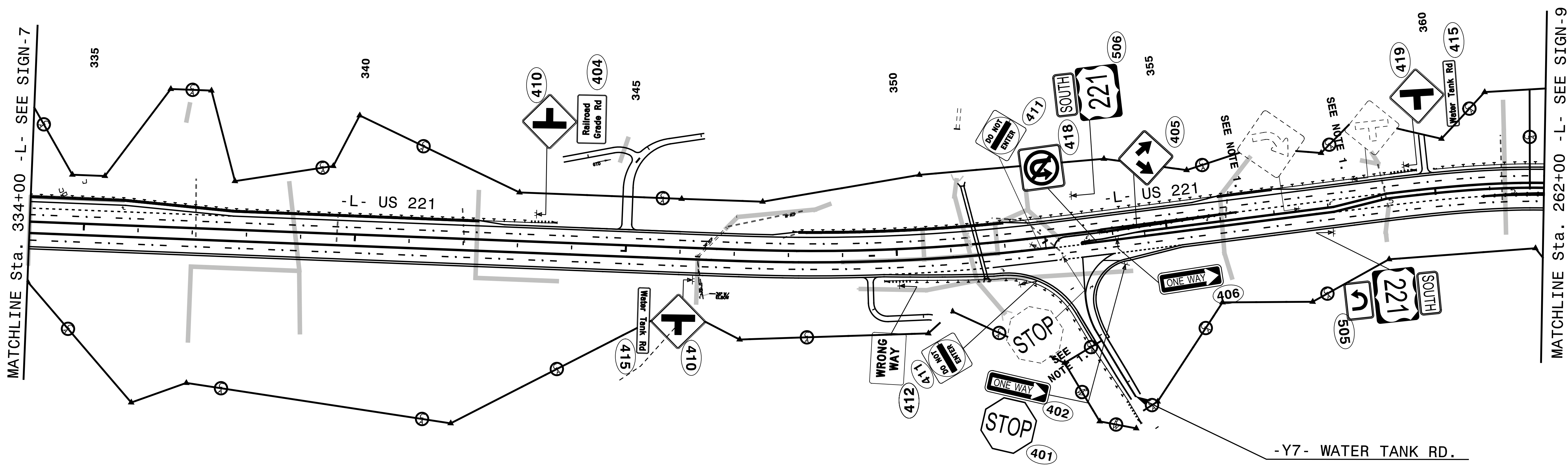
**EXISTING & PROPOSED
SIGNING DETAIL**

SYSTEMS
 DESIGN
 CONSULTANTS
 INC.

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-8
APPROVED: <i>Joseph Kopaskie</i> 0808AEEF00A54FA	
DATE: 6/21/2016	
SEAL 	
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REVISIONS




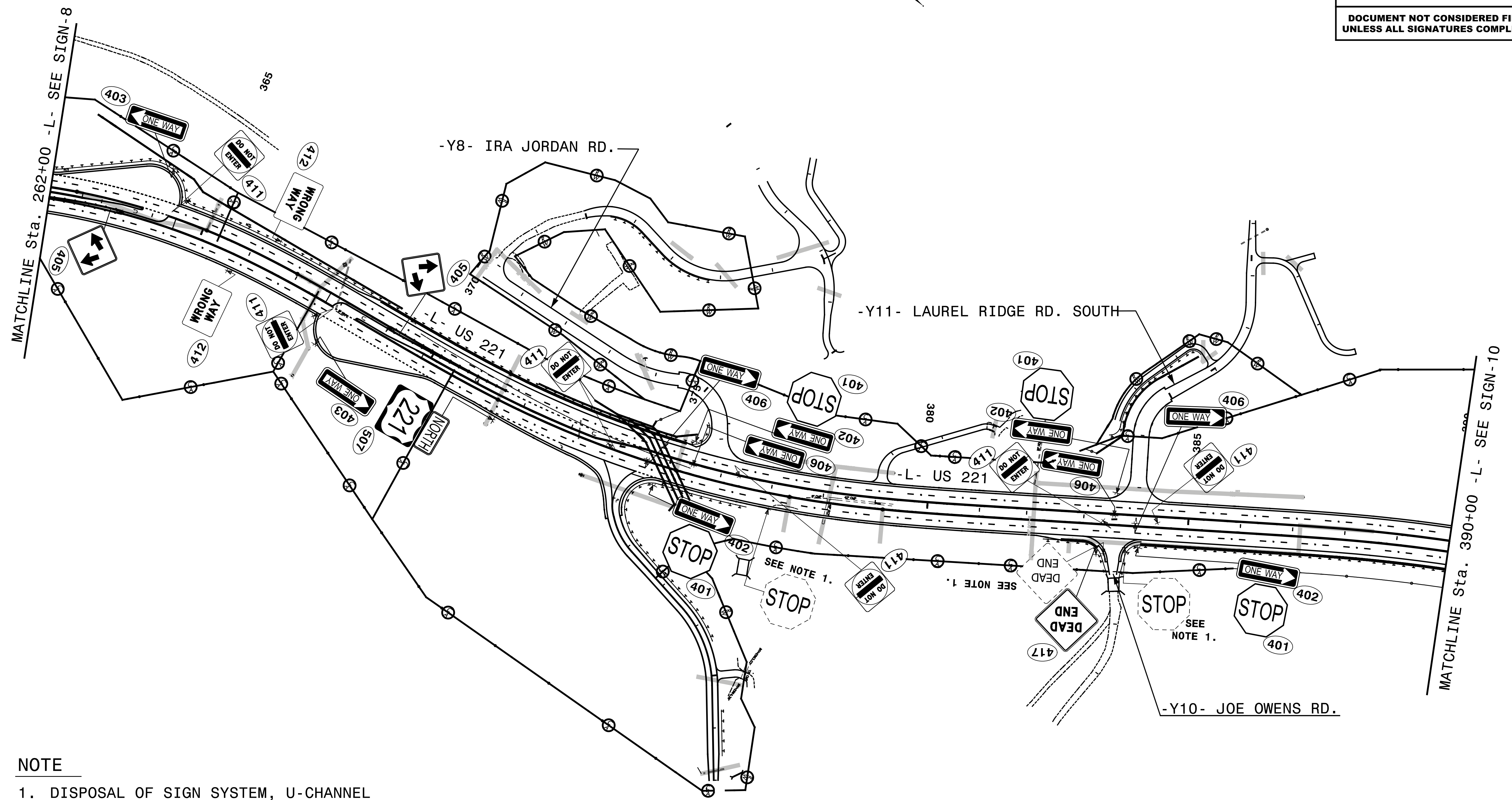
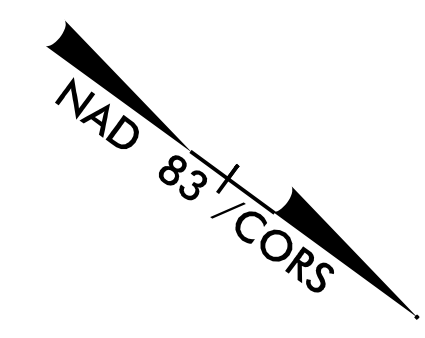
NOTE
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

SYSTEMS DOWN

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License: C-2197

EXISTING & PROPOSED SIGNING DETAIL

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-9
APPROVED: <i>Joseph Kopaskie</i> <small>REGISTERED PROFESSIONAL ENGINEER</small>	
DATE: 6/21/2016	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



NOTE
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL


SEPI
ENGINEERING & CONSTRUCTION

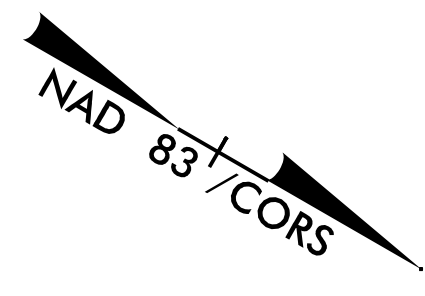
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Fax: 919-789-9591
License: C-2197

**EXISTING & PROPOSED
SIGNING DETAIL**

8/17/99

SYSTEMS DOWN
REVISIONS

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-10
APPROVED: <i>Joseph Kojaske</i> <small>DocuSigned by: JOSEPH KOPASKI</small>	
DATE: 6/21/2016	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

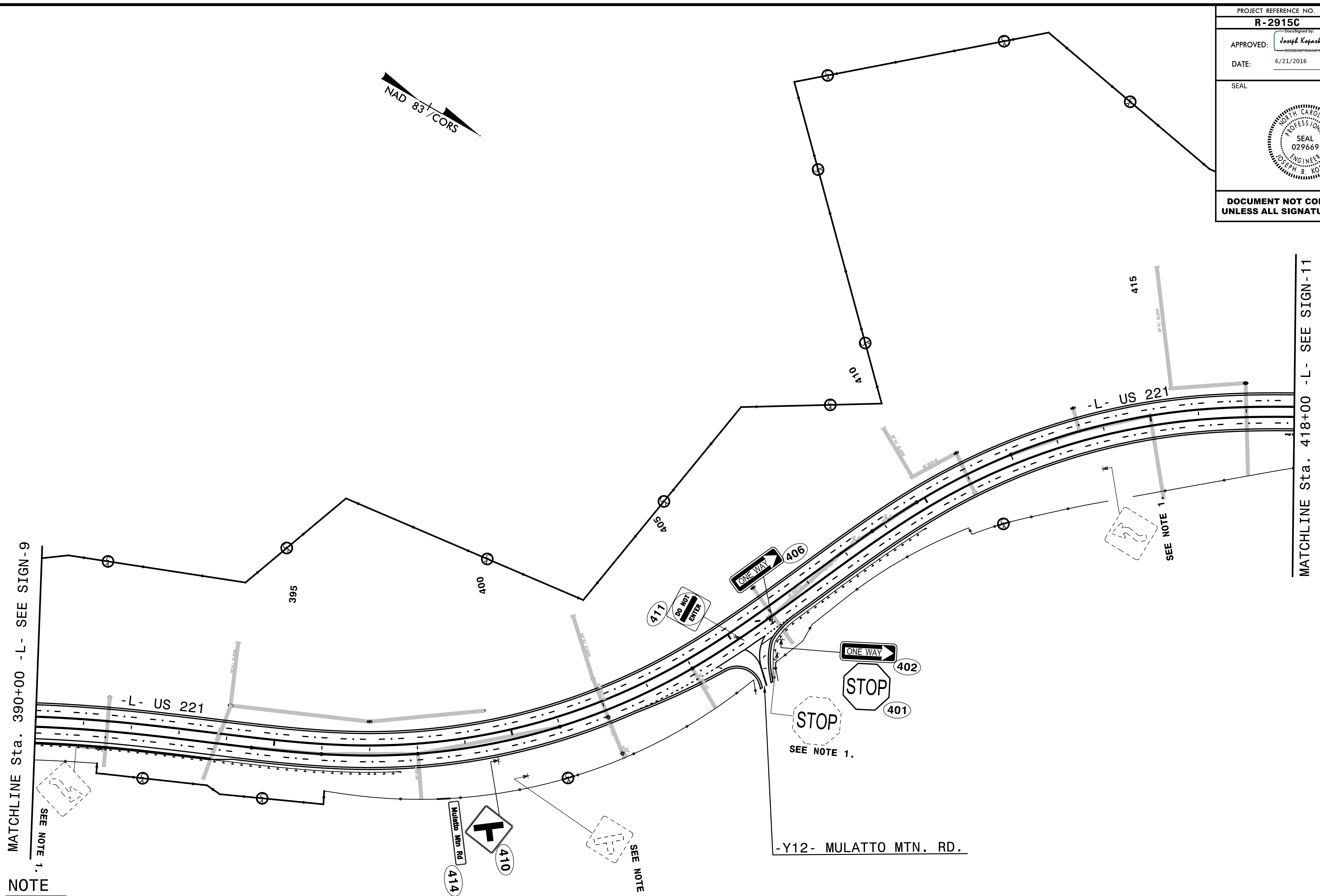


MATCHLINE Sta. 390+00 -L- SEE SIGN-9

MATCHLINE Sta. 418+00 -L- SEE SIGN-11

NOTE


- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

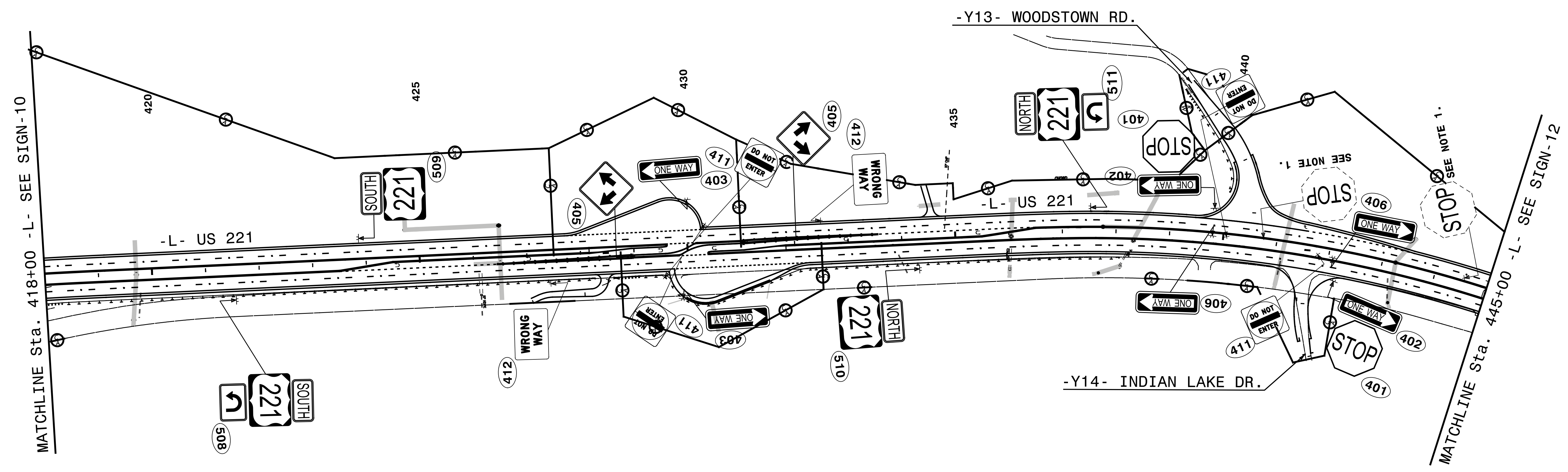
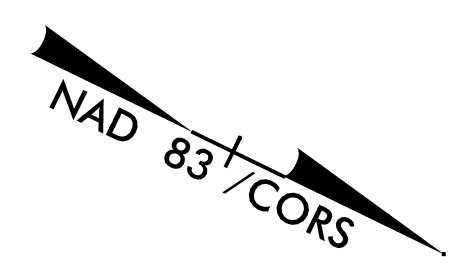


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PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-11
APPROVED: <i>Joseph Kopaske</i> <small>DocuSigned by: Joseph Kopaske D00EAE6F80A84FA</small>	
DATE: 6/21/2016	
SEAL 	
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REVISIONS

NOTE


1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

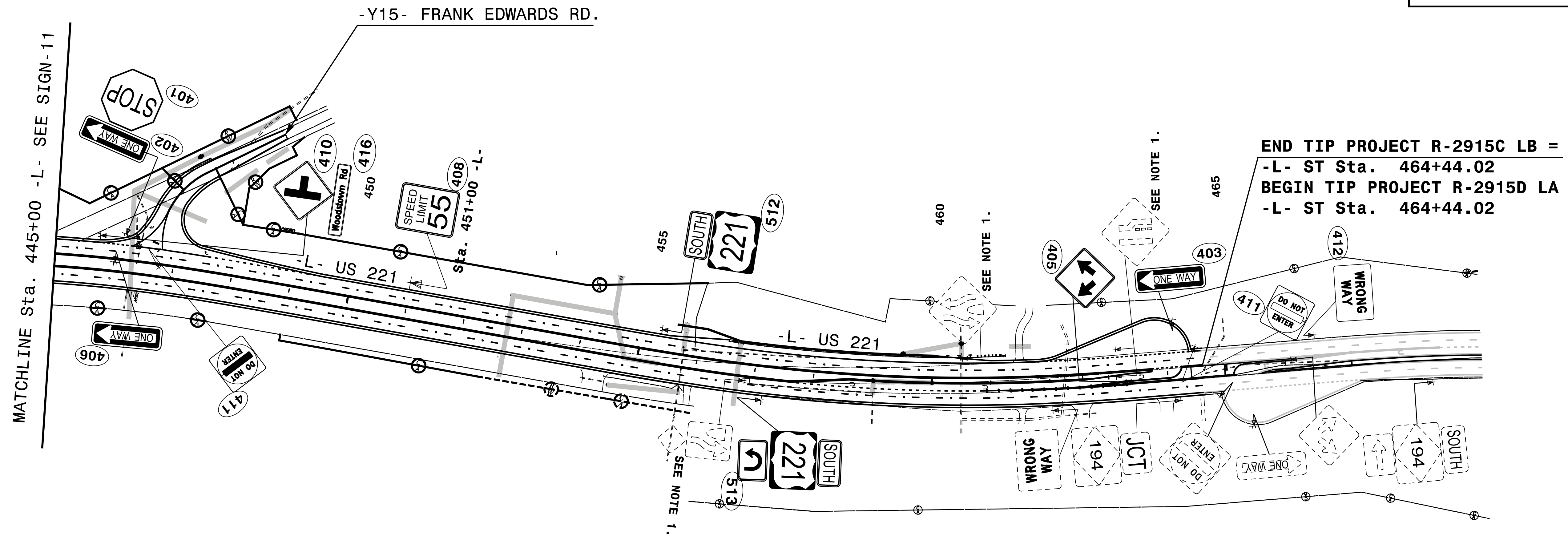
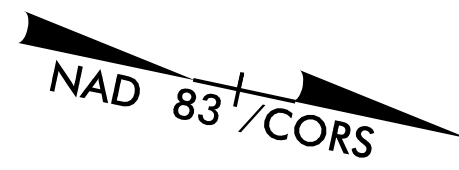
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SYSTEMS DOWN

PROJECT REFERENCE NO. R-2915C	SHEET NO. SIGN-12
APPROVED: <i>Joseph Kopaske</i> <small>DocuSigned by: SC0DBEAF60A64FA</small>	
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NOTE
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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