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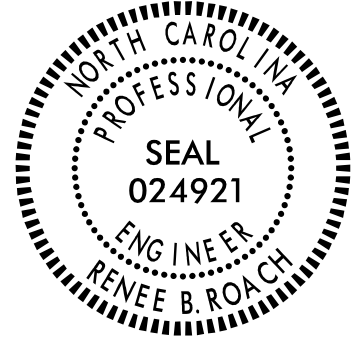
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and sealed by the individuals whose names and license
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with their signature on that page.**

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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
ALAMANCE COUNTY**

**LOCATION: NC 119 RELOCATION FROM NORTH OF
SR 1921 (MEBANE ROGERS/STAGE COACH ROAD)
TO SOUTH OF SR 1918 (MRS. WHITE LANE)**

PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN-1
DESIGNED BY: <i>Renee B. Roach</i>	
APPROVED: <i>Renee B. Roach</i>	
DATE: 4/20/2018 4:04 PM EDT	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T.I.P.: U-3109B

CONTRACT: C204106

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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.50	SIGNING FOR SPEED REDUCTION ZONE
1264.09	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . 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.
- . 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

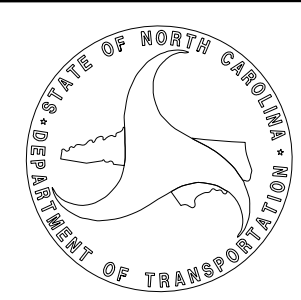
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO. SECT. NO.			
4072000000 903	SUPPORTS, 3 LB STEEL U-CHANNEL	573	L.F.
4096000000 904	SIGN ERECTION, TYPE D	2	EA.
4102000000 904	SIGN ERECTION, TYPE E	29	EA.
4108000000 904	SIGN ERECTION, TYPE F	7	EA.
4155000000 907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA.

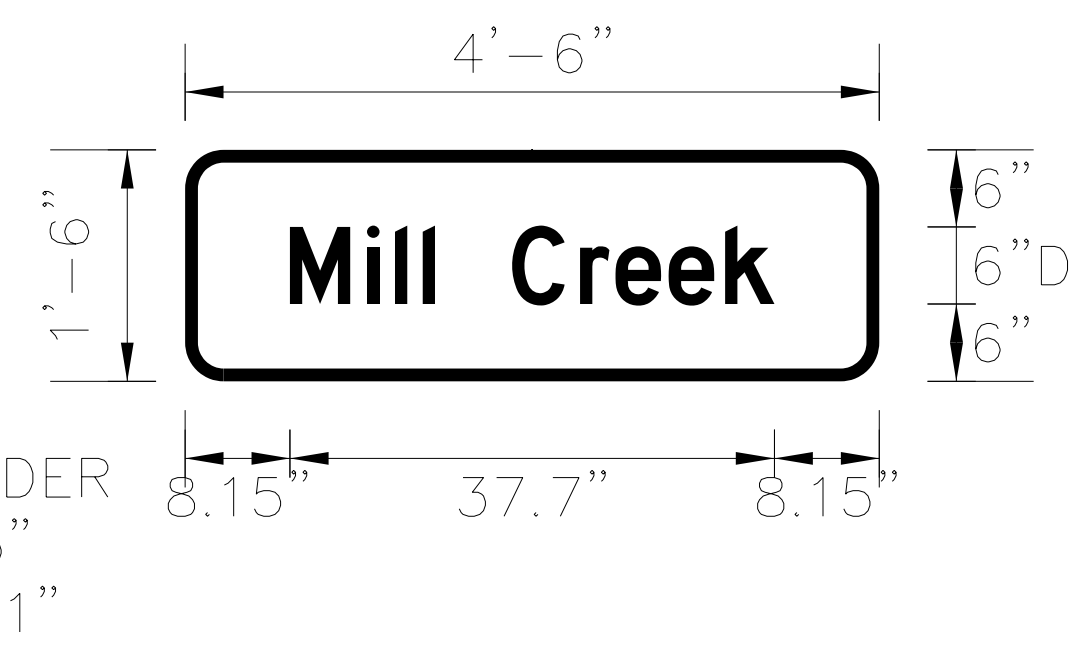
INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SIGN DESIGN
SIGN-3-4	E AND F SHEETS
SIGN-5-11	SIGNING PLAN SHEETS

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

Kelvin Jordan SIGNING & DELINEATION REGIONAL ENGINEER
Ashley Matthews SIGNING & DELINEATION PROJECT DESIGN ENGINEER

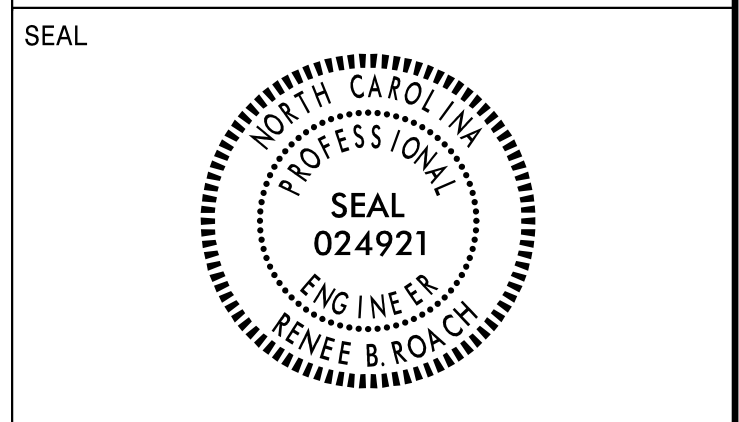


<p>SIGN NUMBER: 301,302 TYPE: D QUANTITY: 2 SIGN WIDTH: 4'-6" HEIGHT: 1'-6" TOTAL AREA: 6.8 Sq.Ft.</p> <p>BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 3"</p> <p>NO. Z BARS: LENGTH:</p> <p>BACKG COLOR: Green COPY COLOR: White</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>MAT'L: 0.125" (3.2 mm) ALUMINUM</p> <p>USE NOTES: 1,2</p> <p>1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting. 2. Background shall be Grade C reflective sheeting.</p>	SYMBOL	X	Y	WID	HT																																																			<p>DESIGN BY: AKM CHECKED BY: KLJ Mar 22, 2018 PROJECT ID: U-3109B LOCATION: NC 119 RELOCATION DIV: 7</p> <div style="text-align: center;">  <p>BORDER R=3" TH=1"</p> <p>Spacing Factor is 1 unless specified otherwise</p> </div> <p>LETTER POSITIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="13">Letter spacings are to start of next letter</th> <th>Series/Size</th> <th>Text Length</th> </tr> </thead> <tbody> <tr> <td>M</td><td>i</td><td>l</td><td>l</td><td>C</td><td>r</td><td>e</td><td>e</td><td>k</td><td></td><td></td><td></td><td></td> <td>D 2000</td> <td>37.7</td> </tr> <tr> <td>8.2</td><td>6</td><td>2.2</td><td>2.2</td><td>1</td><td>6</td><td>5.3</td><td>2.8</td><td>4.1</td><td>4.4</td><td>3.8</td><td>8.2</td><td></td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>FILENAME: U3109B_Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL</p>	Letter spacings are to start of next letter													Series/Size	Text Length	M	i	l	l	C	r	e	e	k					D 2000	37.7	8.2	6	2.2	2.2	1	6	5.3	2.8	4.1	4.4	3.8	8.2																																																																																																																																										
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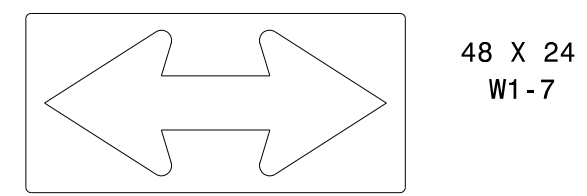
SIGN DESIGNS

APPROVED: *Renee B. Roach*
REGISTERED PROFESSIONAL ENGINEER
 DATE: 4/20/2018 | 4:04 PM EDT



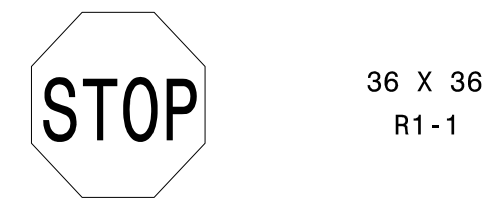
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UNLESS ALL SIGNATURES COMPLETED**

401 QUANTITY REQ'D 1



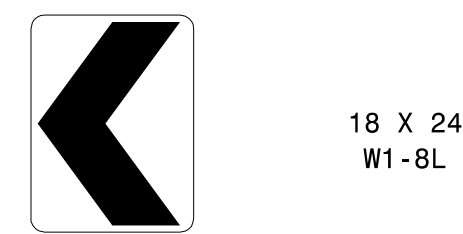
TWO "U" POSTS PER SIGN

406 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

411 QUANTITY REQ'D 2



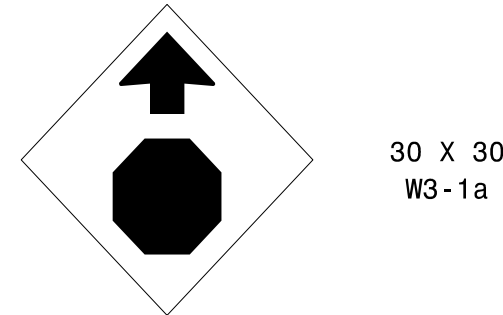
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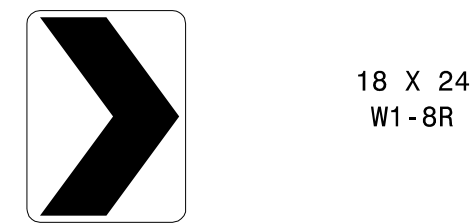
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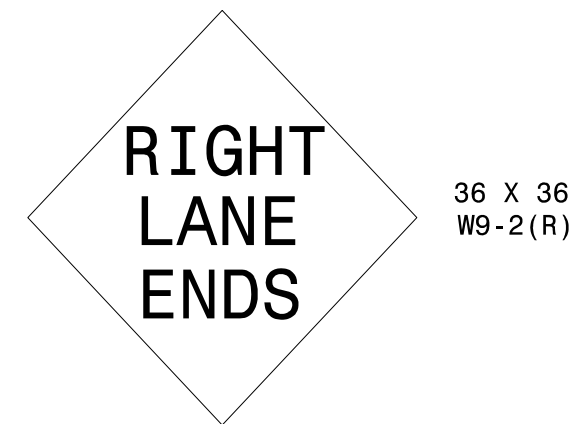
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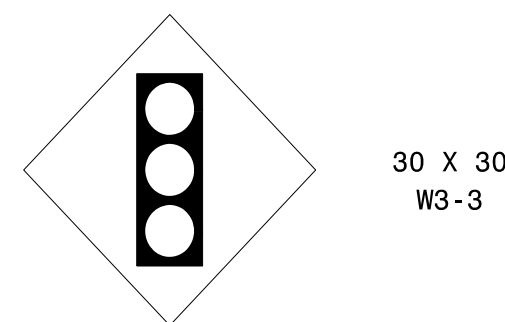
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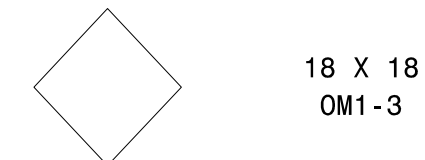
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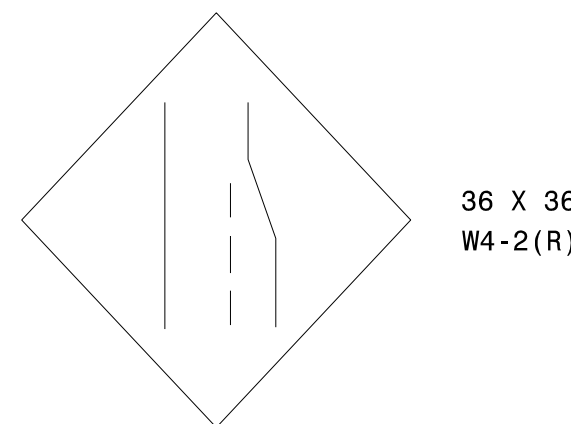
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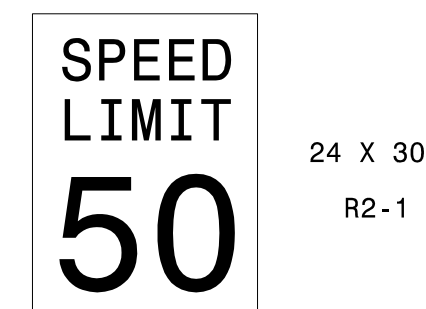
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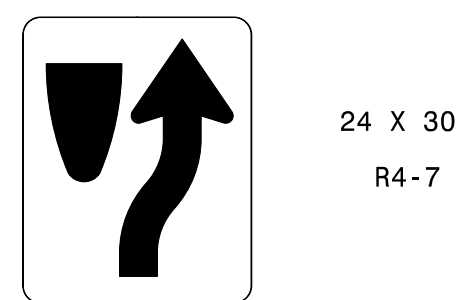
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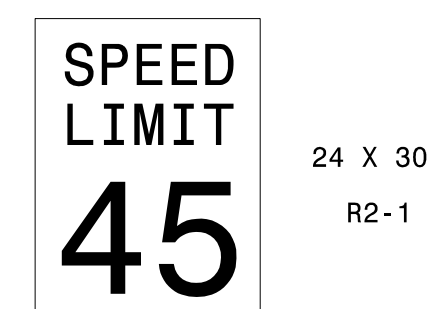
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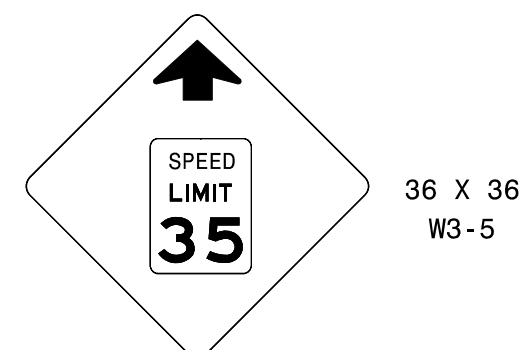
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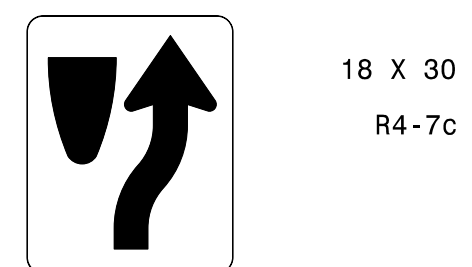
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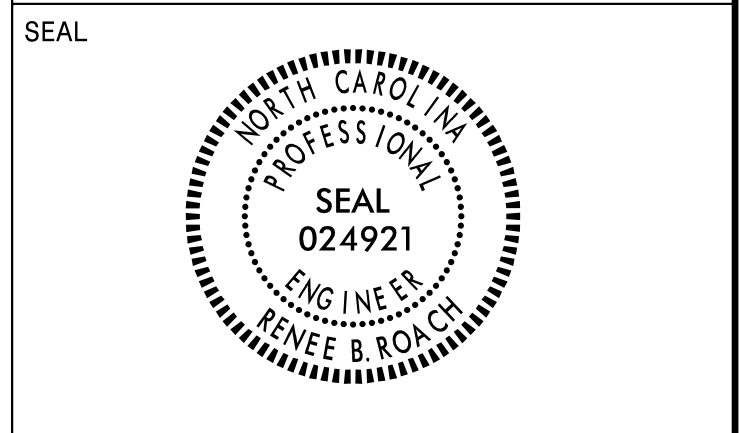
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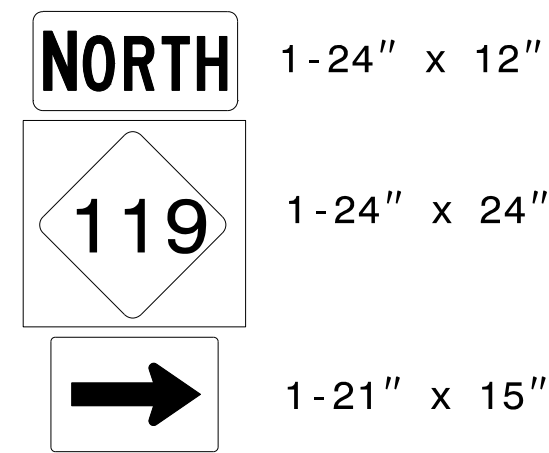
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TYPE "E" SIGNS



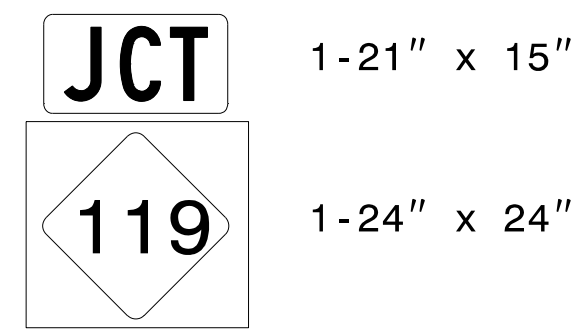
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501



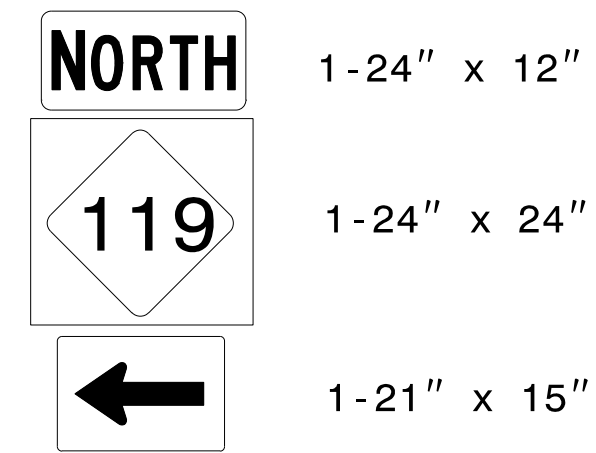
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507



ONE "U" POST PER SIGN

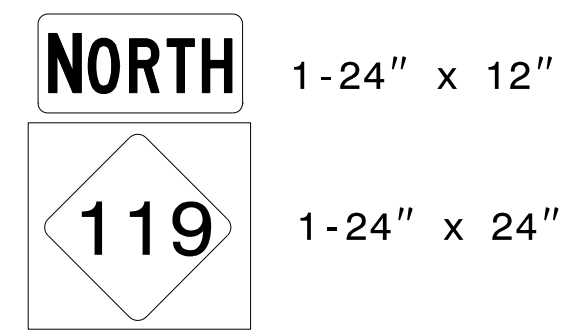
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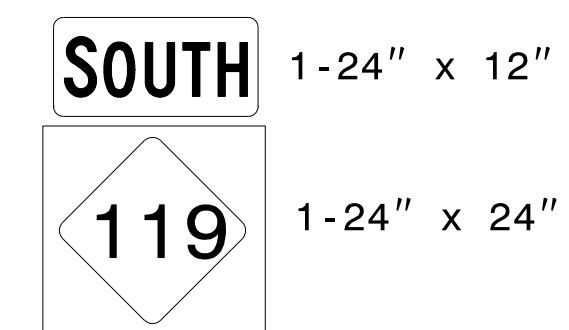
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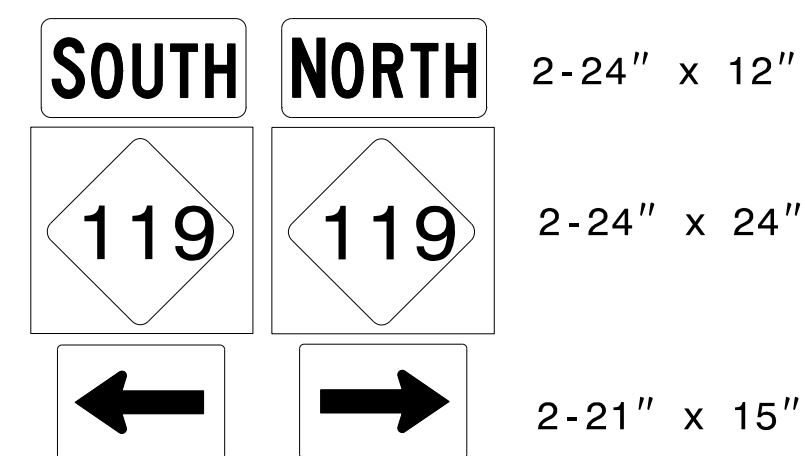
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ONE "U" POST PER SIGN

505



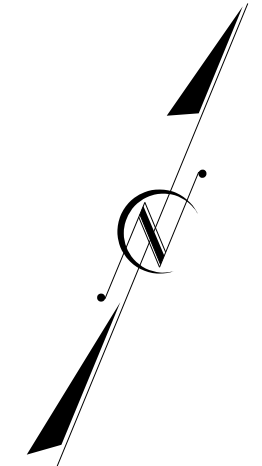
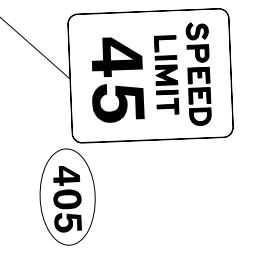
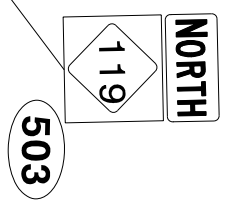
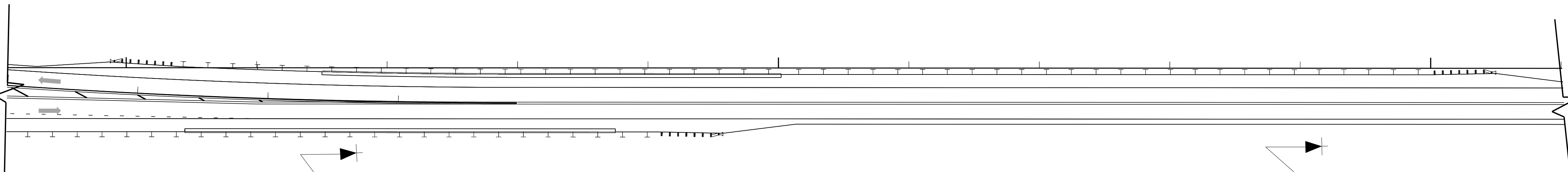
TWO "U" POSTS PER SIGN

TYPE "F" SIGNS

PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN-6
DESIGNED BY: <i>Renee B. Roach</i>	
APPROVED: <i>Renee B. Roach</i>	
DATE: 4/20/2018 4:04 PM EDT	
SEAL	
	
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BREAKLINE
SEE SHEET SIGN-5

BREAKLINE
SEE SHEET SIGN-7



15

205

210

215

SIGN DETAIL SHEET

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 User: rmatthews
 04/17/18

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User: jsmatthews

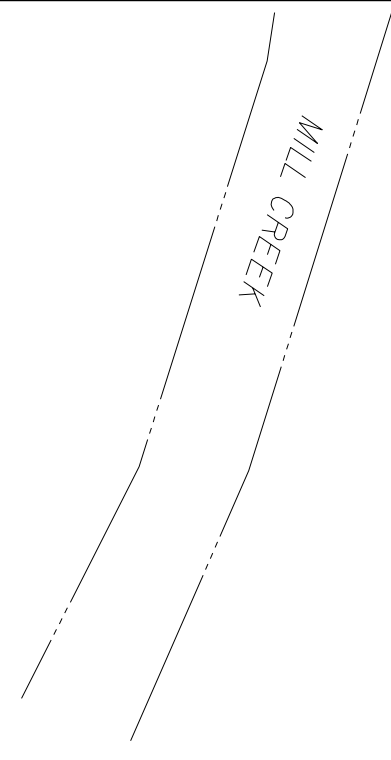
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SEE SHEET SIGN-6

-L- STA. 226+03
54" x 18"

301

Mill Creek

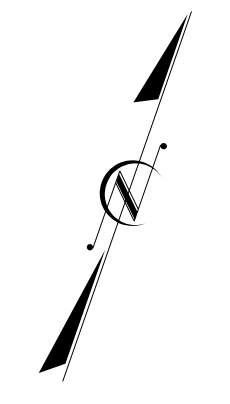
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Mill Creek

302

-L- STA. 228+63
54" x 18"



230

BREAKLINE
SEE SHEET SIGN-8

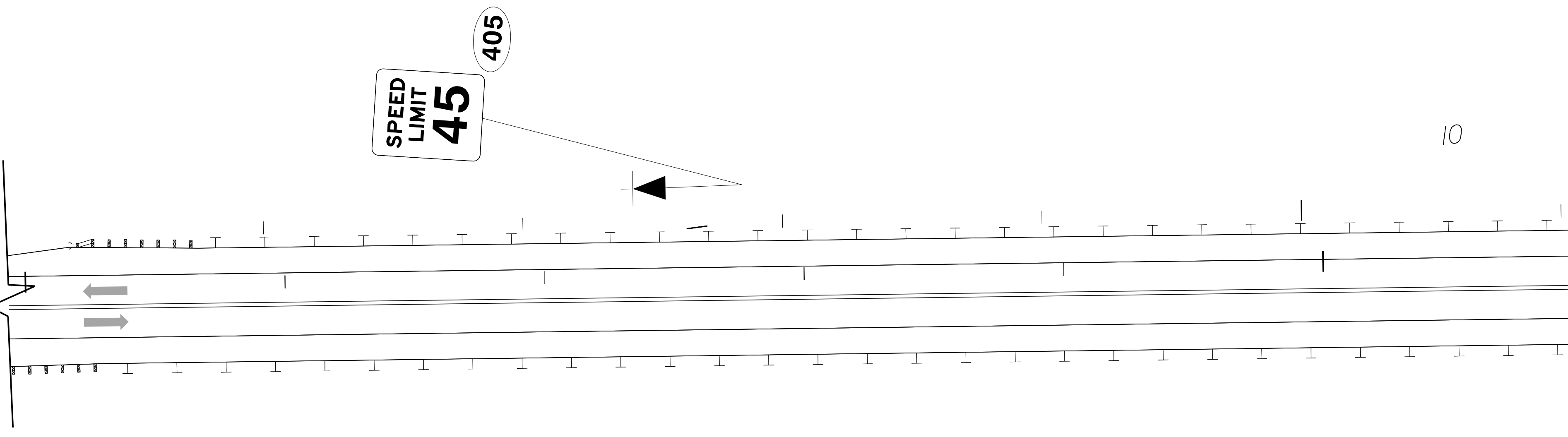
SIGN DESIGNS

PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN-7
DESIGNED BY: <i>Renee B. Roach</i>	
APPROVED: <i>Renee B. Roach</i>	
DATE: 4/20/2018 4:04 PM EDT	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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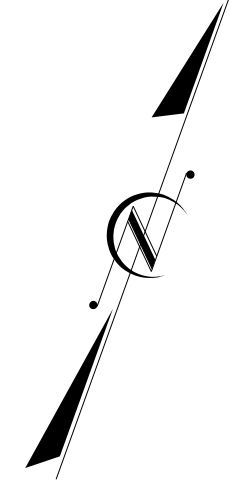
BREAKLINE
SEE SHEET SIGN-8

245



SPEED
LIMIT
45

405




250

10

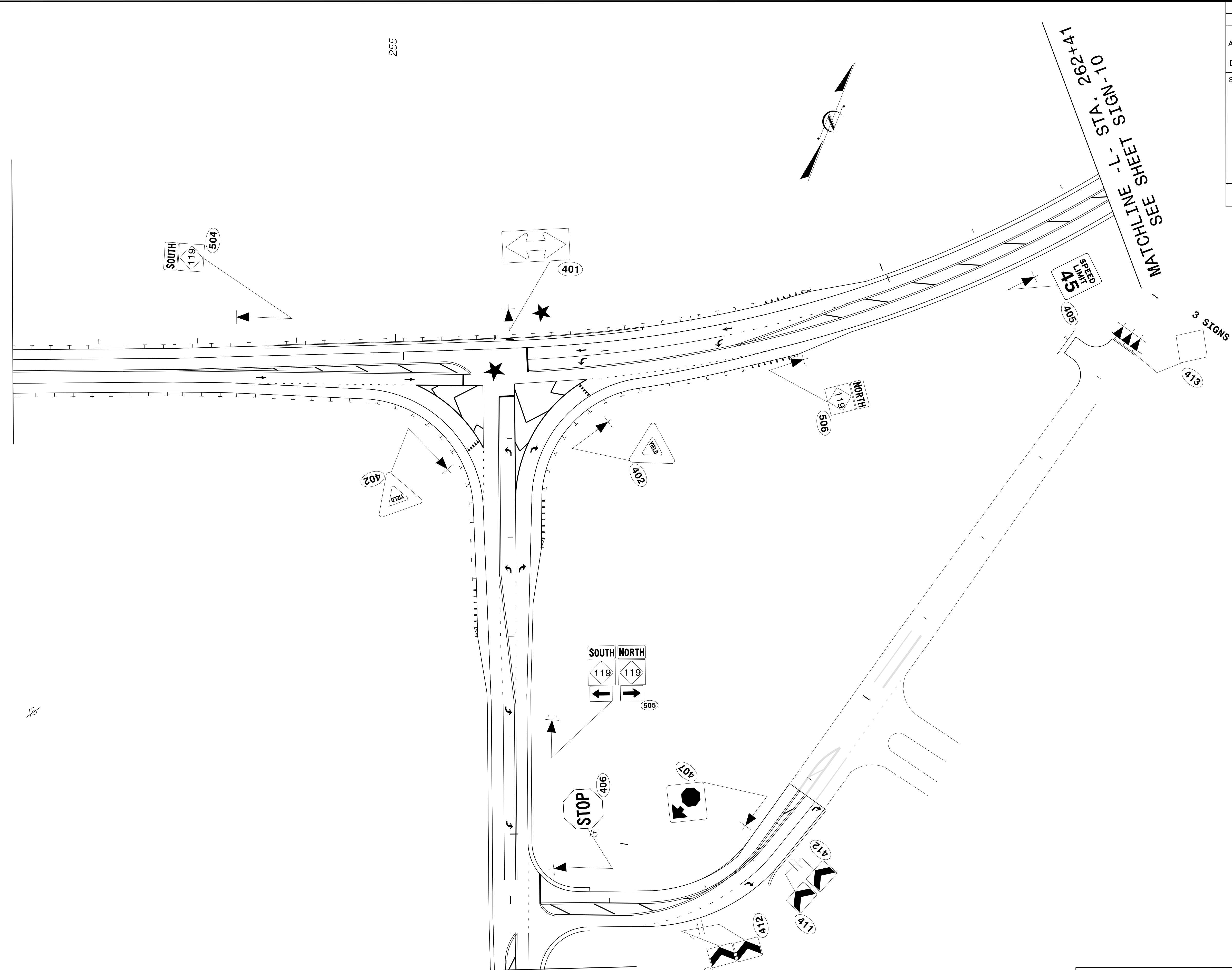
MATCHLINE - L- STA. 251+08
SEE SHEET SIGN-9

SIGN DESIGNS

PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN-8
APPROVED: <i>Renee B. Roach</i> <small>REGISTERED PROFESSIONAL ENGINEER</small>	
DATE: 4/20/2018 4:04 PM EDT	
SEAL 	
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PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN-9
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DATE: 4/20/2018 4:04 PM EDT	
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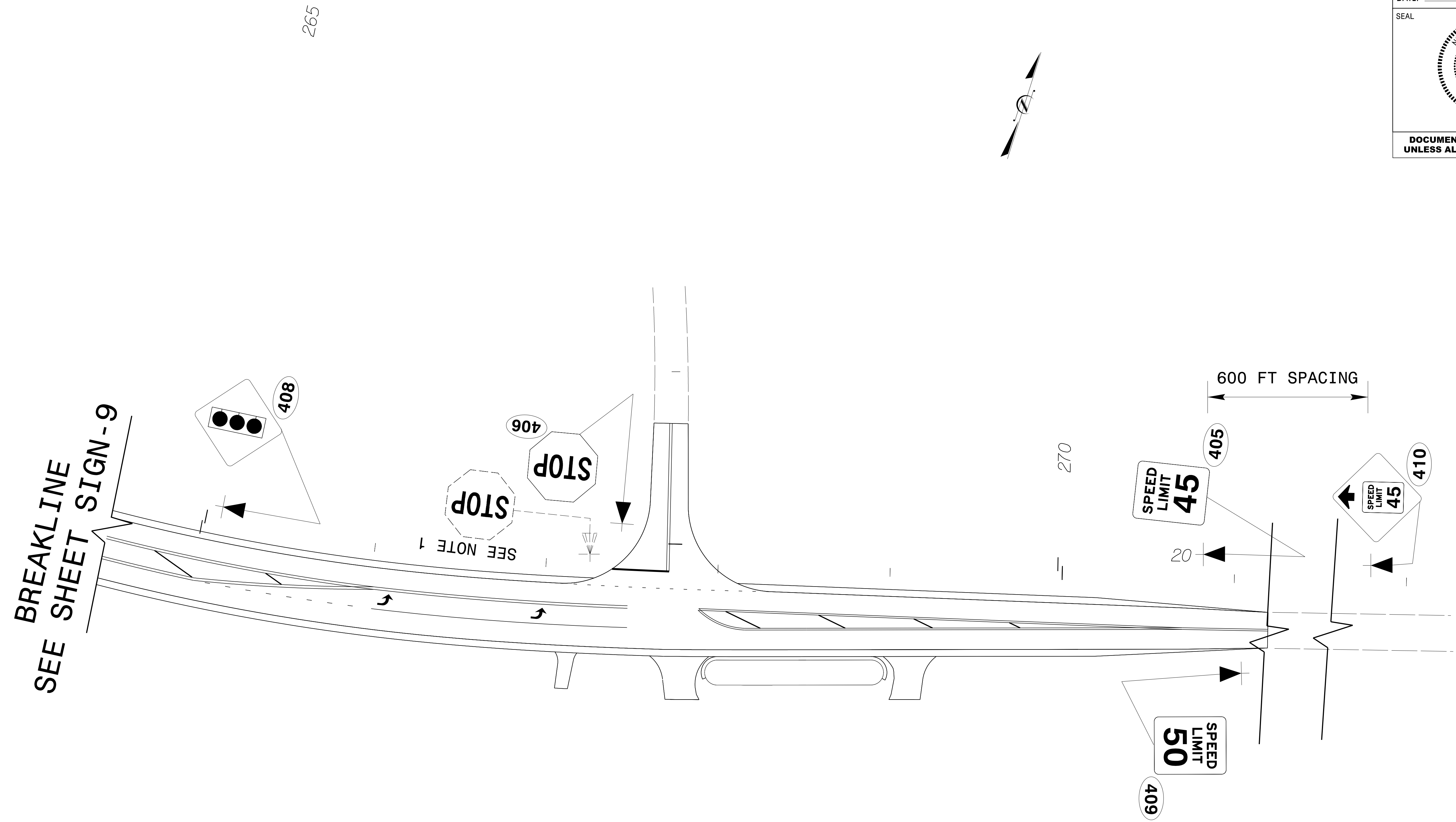
BREAKLINE -L- STA. 251+08
SEE SHEET SIGN-8



BREAKLINE -Y21REV-
STA. 16+38
SEE SHEET SIGN-11

SIGN DETAIL SHEET


04/17/18
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 User: rmatthews



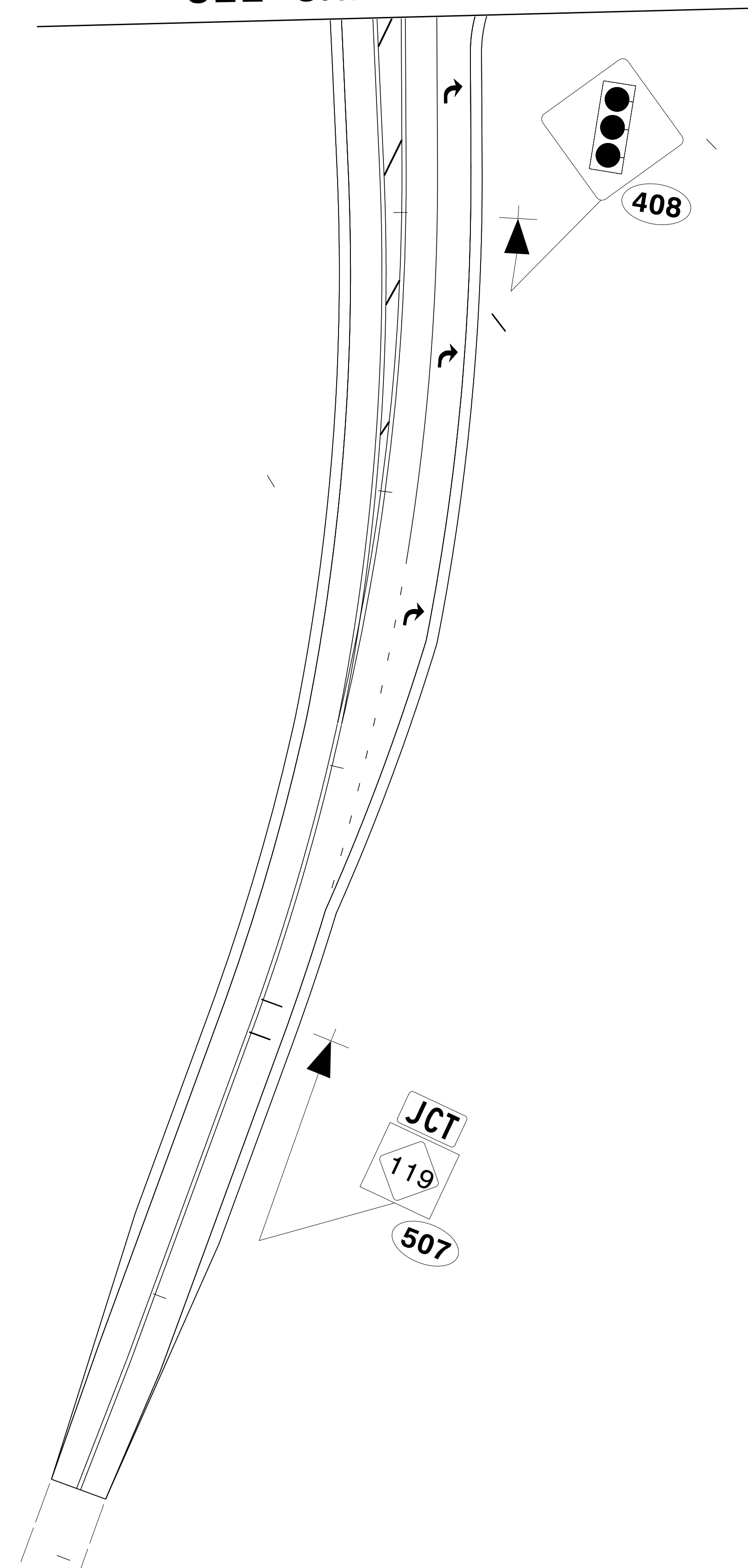
PROJECT NOTES

1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL

SIGN DETAIL SHEET

PROJECT REFERENCE NO. U-3109B	SHEET NO. SIGN - 11
APPROVED: <i>Renee B. Roach</i> <small>3E84369D316431</small>	
DATE: 6/12/2018	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BREAKLINE - Y21REV-
STA. 16+38
SEE SHEET SIGN-9



20

SIGN DESIGNS

06/12/18
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