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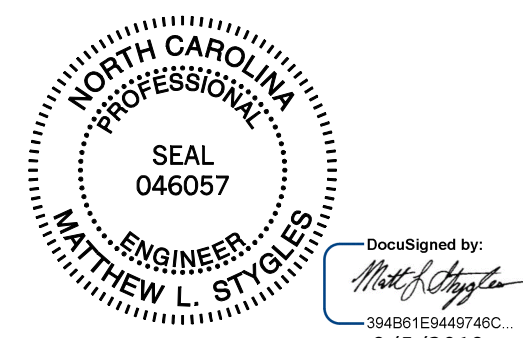
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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
GUILFORD COUNTY**

**LOCATION: US 70 (BURLINGTON ROAD) FROM WEST OF  
SR 3045 (MT. HOPE CHURCH ROAD)/  
SR 2819 (MCLEANSVILLE ROAD) TO JUST EAST OF  
SR 2826 (BIRCH CREEK ROAD)**

PROJECT REFERENCE NO. <b>U-2581BA</b>	SHEET NO. <b>SIGN-1</b>
APPROVED:	
DATE:	
SEAL	
	
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**T.I.P.: U-2581BA**

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - 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
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, RELOCATED, TYPE "D" SIGN
- 3.SIGN ERECTION, RELOCATED, TYPE "E" SIGN
- 4.DISPOSAL OF SUPPORT, U CHANNEL

**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.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . 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.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	984	L.F.
4096000000	904	SIGN ERECTION, TYPE D	4	EA.
4102000000	904	SIGN ERECTION, TYPE E	33	EA.
4108000000	904	SIGN ERECTION, TYPE F	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)	3	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)	5	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	42	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	9	EA.

**INDEX**

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SIGN DESIGNS
SIGN-3-3A	E AND F SHEETS
SIGN-4-10	SIGNING PLAN SHEETS

**PLAN PREPARED BY: VHB Engineering NC, P.C.**

<b>John G. Townsend, PE</b>	PROJECT ENGINEER
<b>Matthew L. Stygles, PE</b>	PROJECT DESIGN ENGINEER

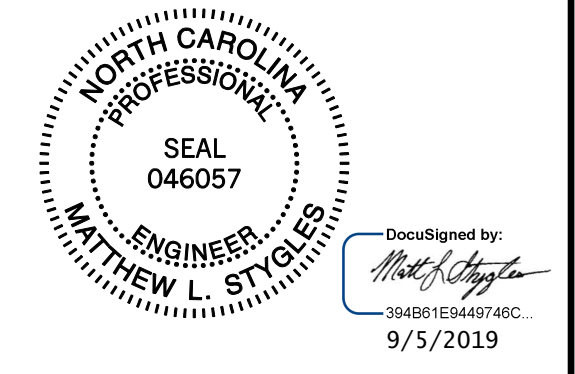


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919.829.0328

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<p>SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 1'-6" TOTAL AREA: 9.0 Sq.-Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"</p> <p>NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Green COPY COLOR: White</p> <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>AR_Type D</td> <td>7.1</td> <td>6</td> <td>6</td> <td>9</td> </tr> </table> <p>MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT	AR_Type D	7.1	6	6	9	<p>DESIGN BY: none PROJECT ID: ID CHECKED BY: none LOCATION: none Jul 10, 2019 DIV: DIV</p>
SYMBOL	X	Y	WID	HT								
AR_Type D	7.1	6	6	9								

Panel Style: guide\_con\_destination\_ncdot.ssi  
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner											Series/Size	
M	c	l	e	a	n	s	v	i	l	l	e	D 2000
22.1	27.8	32.2	34.1	38.2	42.7	47	50.2	55.1	57.3	59.5	61.4	42.8

FILENAME: U2581BA\_sgn\_301 NORTH CAROLINA D.O.T. SIGN DETAIL

<p>SIGN NUMBER: 303 TYPE: D QUANTITY: 1 SIGN WIDTH: 8'-6" HEIGHT: 2'-0" TOTAL AREA: 17.0 Sq.-Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"</p> <p>NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Green COPY COLOR: White</p> <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </table> <p>MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT	<p>DESIGN BY: none PROJECT ID: ID CHECKED BY: none LOCATION: none Jul 10, 2019 DIV: DIV</p>
SYMBOL	X	Y	WID	HT			

Panel Style: guide\_con\_destination\_ncdot.ssi  
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner											Series/Size												
C	h	a	r	l	o	t	t	e	H	a	w	k	i	n	s	B	r	o	w	n	C 2000		
8.2	12.6	16.4	20.3	22.9	24.7	28.2	30.4	33	36.1	42.1	46.4	49.8	56.1	60	61.9	65.7	68.2	74.2	78.4	80.9	84.5	90.8	85.6

Letter locations are panel edge to lower left corner											Series/Size					
M	e	m	o	r	i	a	l	H	i	g	h	w	a	y	C 2000	
20.5	25.5	29.3	35.2	39.2	41.8	43.4	47.3	48.2	54.2	58.7	60.5	64.6	68.3	74.3	77.8	61

FILENAME: U2581BA\_sgn\_303 NORTH CAROLINA D.O.T. SIGN DETAIL

<p>SIGN NUMBER: 302 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 1'-6" TOTAL AREA: 9.0 Sq.-Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"</p> <p>NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Green COPY COLOR: White</p> <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>AR_Type D</td> <td>55.9</td> <td>6</td> <td>6</td> <td>9</td> </tr> </table> <p>MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT	AR_Type D	55.9	6	6	9	<p>DESIGN BY: none PROJECT ID: ID CHECKED BY: none LOCATION: none Jul 10, 2019 DIV: DIV</p>
SYMBOL	X	Y	WID	HT								
AR_Type D	55.9	6	6	9								

Panel Style: guide\_con\_destination\_ncdot.ssi  
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner											Series/Size	
M	c	l	e	a	n	s	v	i	l	l	e	D 2000
7.1	12.8	17.2	19.1	23.2	27.7	32	35.2	40.1	42.3	44.5	46.4	42.8

FILENAME: U2581BA\_sgn\_302 NORTH CAROLINA D.O.T. SIGN DETAIL

<p>SIGN NUMBER: 2-2_2012 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 2'-6" TOTAL AREA: 15.0 Sq.-Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"</p> <p>NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Green COPY COLOR: White</p> <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </table> <p>MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT	<p>DESIGN BY: none PROJECT ID: ID CHECKED BY: none LOCATION: none Jul 10, 2019 DIV: DIV</p>
SYMBOL	X	Y	WID	HT			

Panel Style: guide\_con\_destination\_ncdot.ssi  
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner											Series/Size	
B	u	r	l	i	n	g	t	o	n	1	3	D 2000
6.8	11.8	16.5	19.5	21.7	23.8	28.3	32.5	35.3	40	55.5	58.8	56

Letter locations are panel edge to lower left corner											Series/Size
R	a	l	e	i	g	h	7	3	D 2000		
6.8	11.5	16.1	18	22.4	24.3	29.1	55.5	61.1	58.3		

FILENAME: U2581BA\_sgn\_304 NORTH CAROLINA D.O.T. SIGN DETAIL



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DATE: \_\_\_\_\_

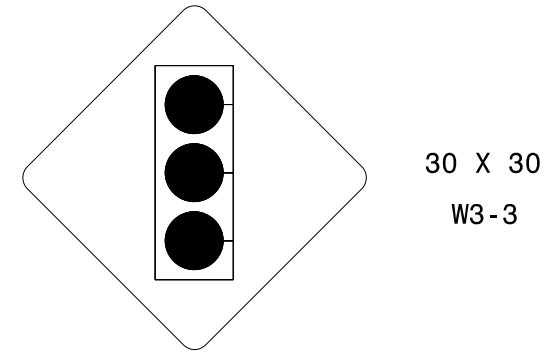
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046057  
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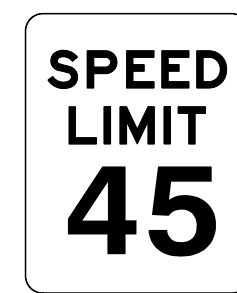
401 QUANTITY REQ'D 7



30 X 30  
W3-3

ONE "U" POST PER SIGN

402 QUANTITY REQ'D 7



30 X 36  
R2-1

ONE "U" POST PER SIGN

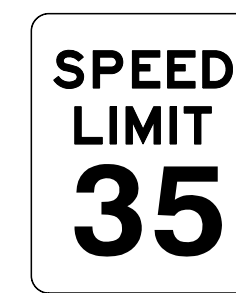
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R3-9b

ONE "U" POST PER SIGN

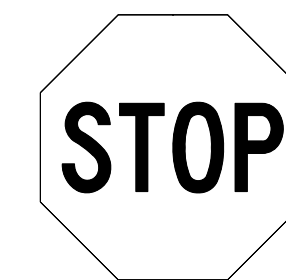
404 QUANTITY REQ'D 1



24 X 30  
R2-1

ONE "U" POST PER SIGN

405 QUANTITY REQ'D 5



30 X 30  
R1-1

ONE "U" POST PER SIGN

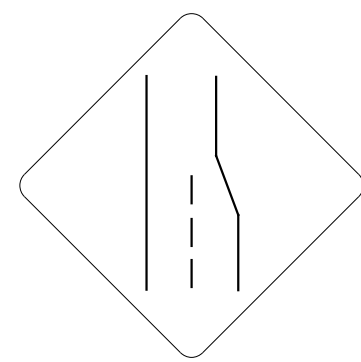
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36 X 36  
W9-1R

ONE "U" POST PER SIGN

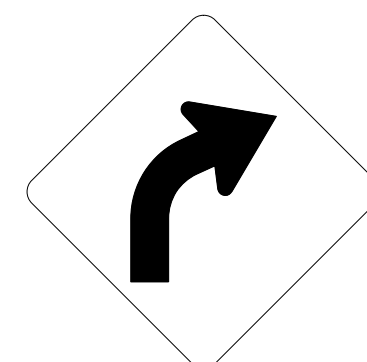
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36 X 36  
W4-2R

ONE "U" POST PER SIGN

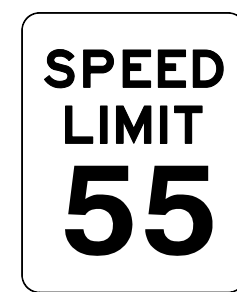
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36 X 36  
W1-2R

ONE "U" POST PER SIGN

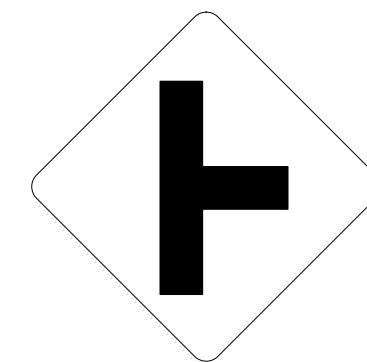
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30 X 36  
R2-1

ONE "U" POST PER SIGN

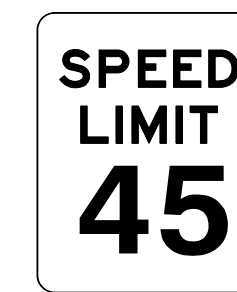
410 QUANTITY REQ'D 1



30 X 30  
W2-2R

ONE "U" POST PER SIGN

411 QUANTITY REQ'D 3



24 X 30  
R2-1

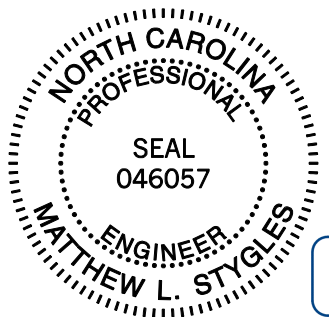
ONE "U" POST PER SIGN

**TYPE "E" SIGNS**

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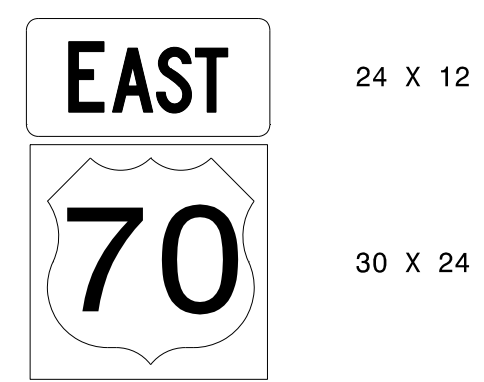
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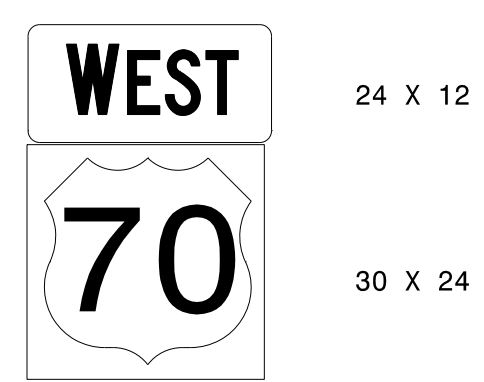
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501



ONE "U" POST PER SIGN

502



ONE "U" POST PER SIGN

**TYPE "F" SIGNS**

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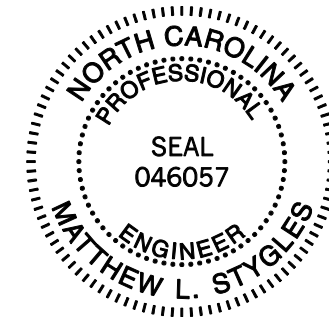


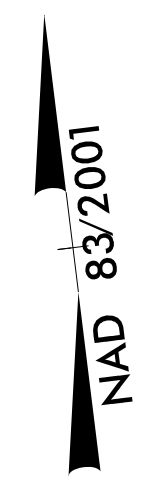




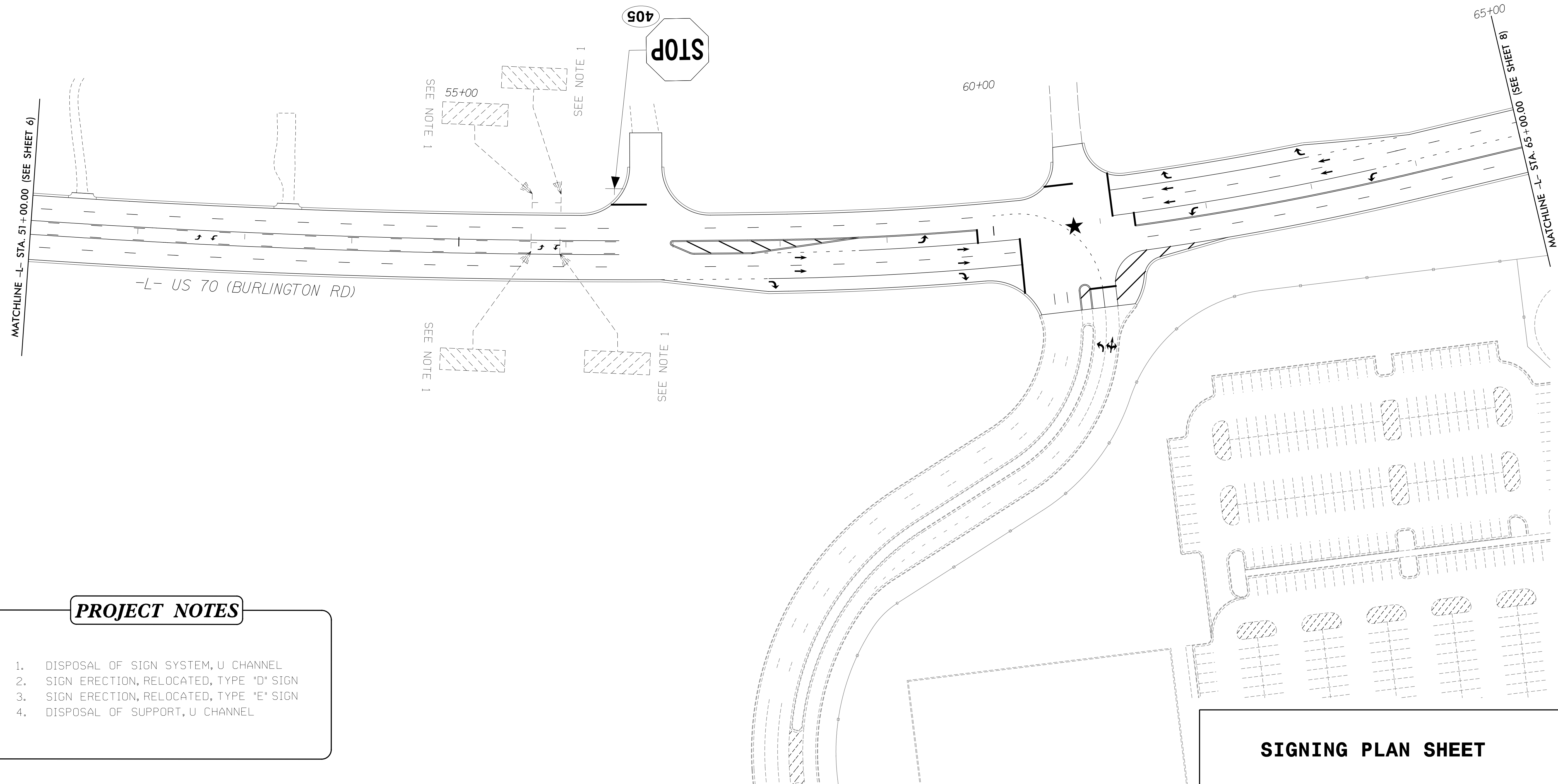




TIP NO. U-2581BA	SHEET NO. SIGN-7
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**PROJECT NOTES**

1. DISPOSAL OF SIGN SYSTEM, U CHANNEL
2. SIGN ERECTION, RELOCATED, TYPE "D" SIGN
3. SIGN ERECTION, RELOCATED, TYPE "E" SIGN
4. DISPOSAL OF SUPPORT, U CHANNEL

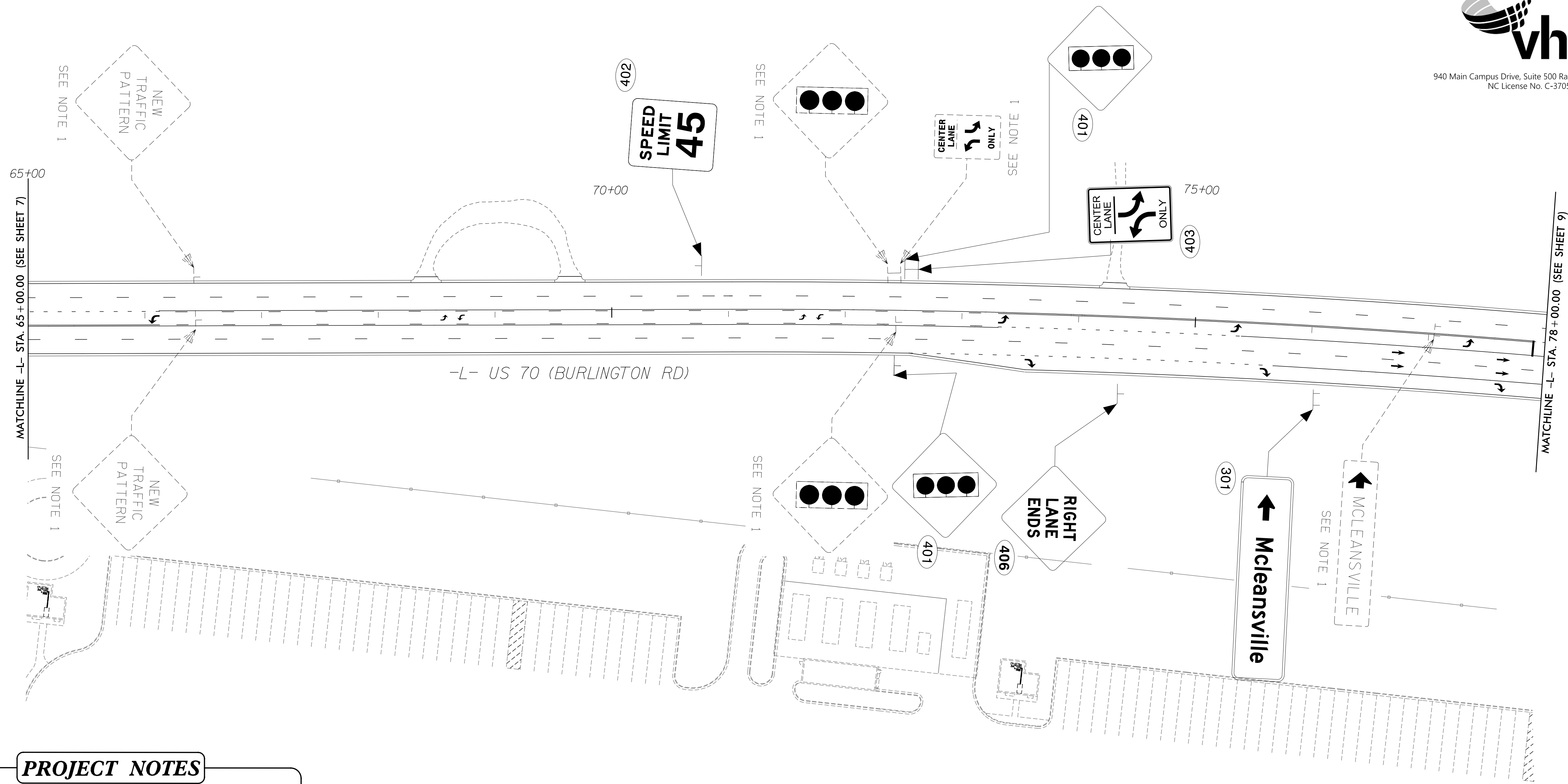
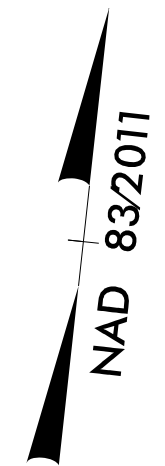
**SIGNING PLAN SHEET**

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 User:ms19.gds

TIP NO. U-2581BA	SHEET NO. SIGN-8
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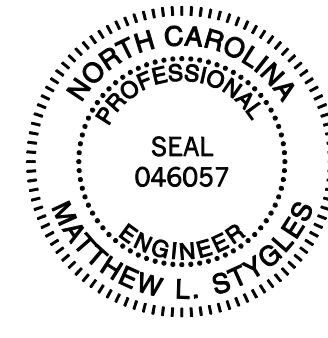
**PROJECT NOTES**

1. DISPOSAL OF SIGN SYSTEM, U CHANNEL
2. SIGN ERECTION, RELOCATED, TYPE "D" SIGN
3. SIGN ERECTION, RELOCATED, TYPE "E" SIGN
4. DISPOSAL OF SUPPORT, U CHANNEL

**SIGNING PLAN SHEET**

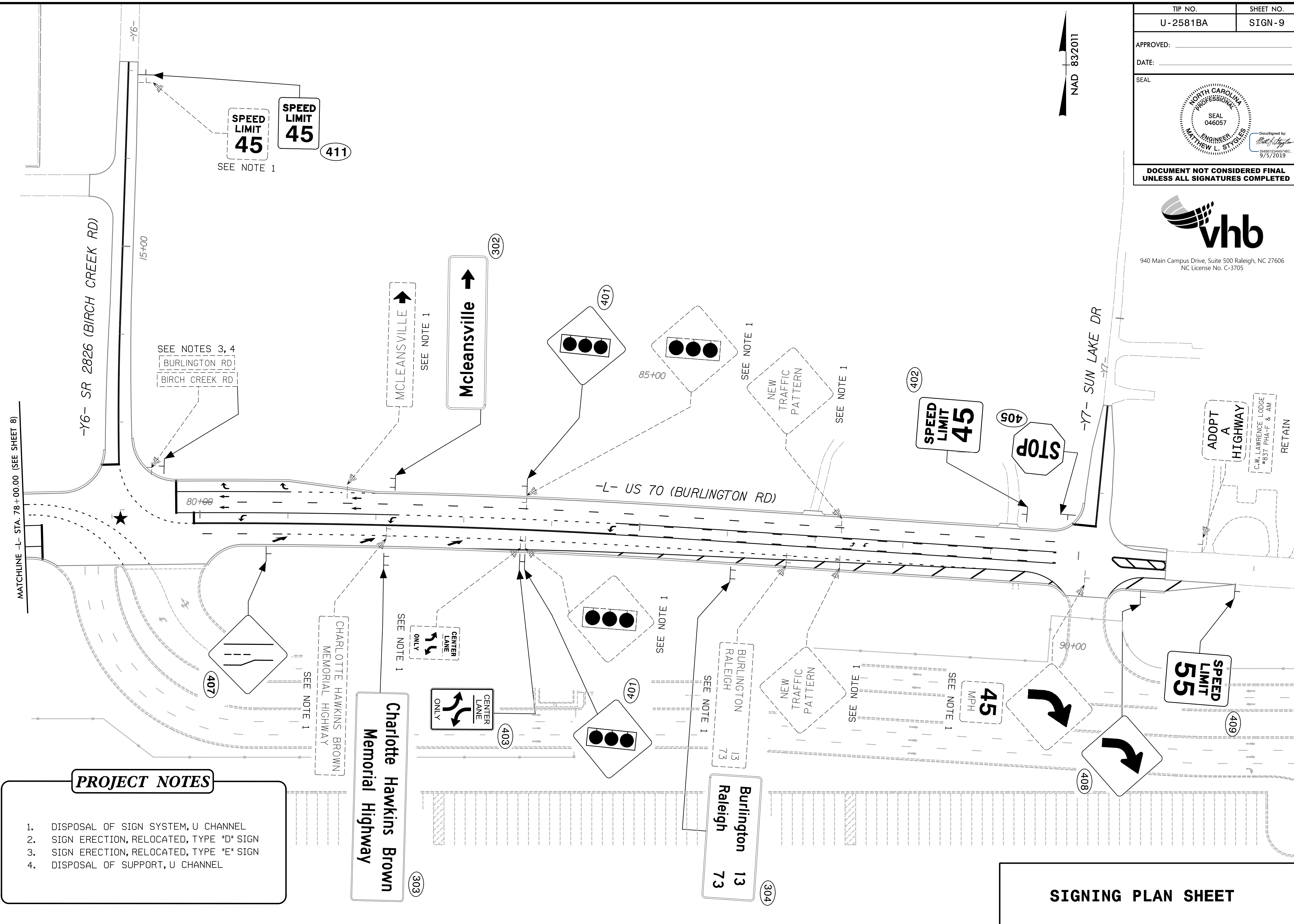
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 User:ms19.gdes



TIP NO. U-2581BA	SHEET NO. SIGN-9
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1. DISPOSAL OF SIGN SYSTEM, U CHANNEL
2. SIGN ERECTION, RELOCATED, TYPE "D" SIGN
3. SIGN ERECTION, RELOCATED, TYPE "E" SIGN
4. DISPOSAL OF SUPPORT, U CHANNEL

**SIGNING PLAN SHEET**

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