

28 JUN 2012 08:04
 K:\TIP\0624\Traffic\Signing\CADD\Signing Layout Plans\Signing\Engseed.dgn
 sjohns 11/24/12

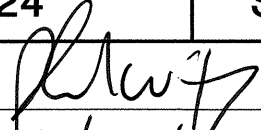

T.I.P.: U-0624

CONTRACT: C202156

**STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
 ORANGE COUNTY**

**LOCATION: CHAPEL HILL-NC 86 (S COLUMBIA ST) FROM SR 1906
 (PUREFOY RD) TO SR 1902 (MANNING DR)**

TIP NO. U-0624	SHEET NO. SIGN-1
APPROVED: 	
DATE: 6/29/12	
SEAL	
	

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

SIGNING SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB U-CHANNEL	890	L.F.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	44	EA.
4108000000	904	SIGN ERECTION, TYPE F	5	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	61	EA.

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.


INDEX

SHEET NO.	DESCRIPTION
SIGN - 1	SIGNING TITLE SHEET - NOTES, ROADWAY STANDARD DRAWINGS & SUMMARY OF QUANTITIES
SIGN - 2	"E" AND "F" SHEET
SIGN - 3	SIGN DESIGN SHEET
SIGN - 4 - 8	SIGN DETAIL SHEETS


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

SUSAN B. KUNZ SIGNING & DELINEATION REGIONAL ENGINEER
 STACEY JOHNS SIGNING & DELINEATION DESIGN ENGINEER

28 JUN 2012 08:03 U:\p\proj\0624\Traffic\Signing\CADD\Signing Layout\Planes\Signing\Engseed.dgn
 sjohns 11:24:55

TIP NO. U-0624	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 6/29/12	
SEAL	
	

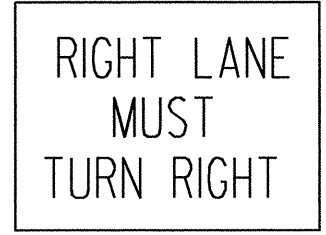
401 QUANTITY REQ'D 5



36 X 36
R1-1

ONE "U" POST PER SIGN


406 QUANTITY REQ'D 2



30 X 30
R3-7

ONE "U" POST PER SIGN

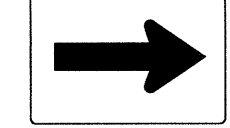
413 QUANTITY REQ'D 2



54 X 18
R6-1 (R)

TWO "U" POSTS PER SIGN


418 QUANTITY REQ'D 1




21 X 15
M6-1
BLUE/WHITE

MOUNT BELOW SIGN 417
IN 1 INSTALLATIONS

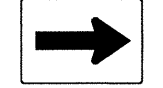
501



1- 24 X 12



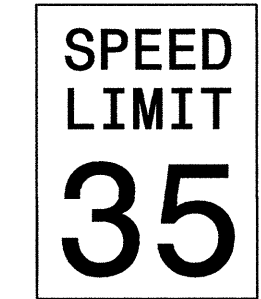
1- 24 X 24



1- 21 X 15

MOUNT BELOW SIGN 301
IN 1 INSTALLATIONS

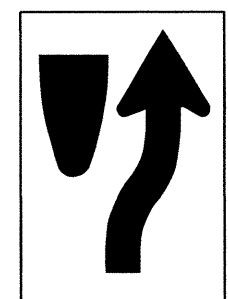
402 QUANTITY REQ'D 2



36 X 48
R2-1

TWO "U" POSTS PER SIGN


407 QUANTITY REQ'D 2



24 X 30
R4-7

ONE "U" POST PER SIGN


414 QUANTITY REQ'D 2



54 X 18
R6-1 (L)

TWO "U" POSTS PER SIGN


419 QUANTITY REQ'D 3




30 X 30
R5-1

ONE "U" POST PER SIGN

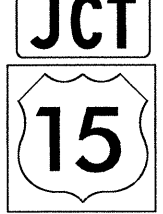
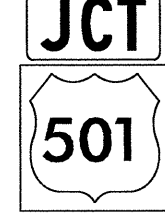
502



1- 24 X 12



1- 24 X 24

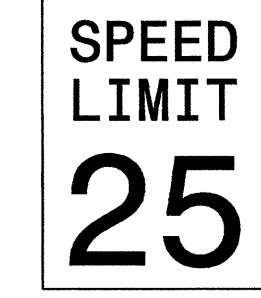
2- 24 X 12

1- 24 X 24

1- 30 X 24

TWO "U" POST PER SIGN

403 QUANTITY REQ'D 2



36 X 48
R2-1

ONE "U" POST PER SIGN

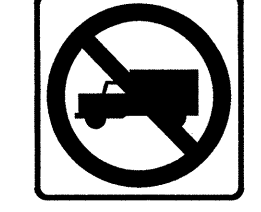
410 QUANTITY REQ'D 6



30 X 24
R3-17

ONE "U" POST PER SIGN

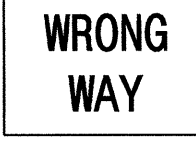
415 QUANTITY REQ'D 2



30 X 30
R5-2

ONE "U" POST PER SIGN


420 QUANTITY REQ'D 2



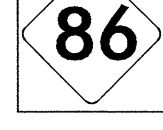
36 X 24
R5-1a

ONE "U" POST PER SIGN

503 504



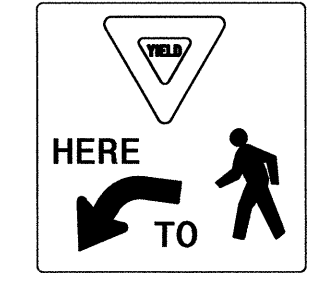
1- 24 X 12



1- 24 X 24

ONE "U" POST PER SIGN

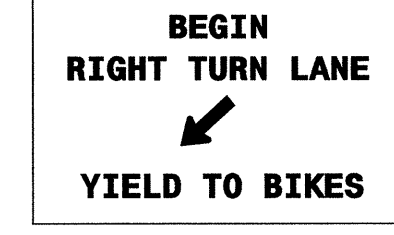
404 QUANTITY REQ'D 3



18 X 18
R1-5

ONE "U" POST PER SIGN

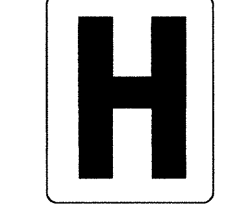
411 QUANTITY REQ'D 5



36 X 30
R4-4

ONE "U" POST PER SIGN

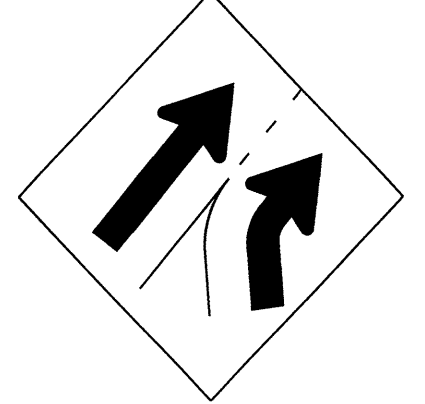
416 QUANTITY REQ'D 1



24 X 24
D9-2

ONE "U" POST PER SIGN


421 QUANTITY REQ'D 1



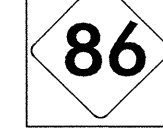
36 X 36
W4-6

ONE "U" POST PER SIGN

505



1- 24 X 12



1- 24 X 24

ONE "U" POST PER SIGN

LEFT
BLANK


412 QUANTITY REQ'D 1



30 X 30
W14-2

ONE "U" POST PER SIGN


417 QUANTITY REQ'D 1



24 X 12
D9-13dP
BLUE/WHITE

MOUNT BELOW SIGN 416
IN 1 INSTALLATIONS

422 QUANTITY REQ'D 1

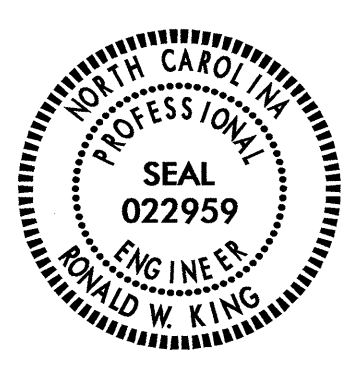


36 X 36
W3-5

ONE "U" POST PER SIGN

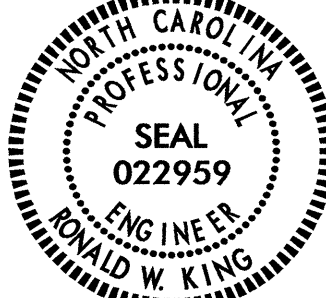
TYPE "E" & "F" SIGNS

TIP NO. U-0624	SHEET NO. SIGN-3
APPROVED: <i>RW</i>	
DATE: 6/29/12	
SEAL	

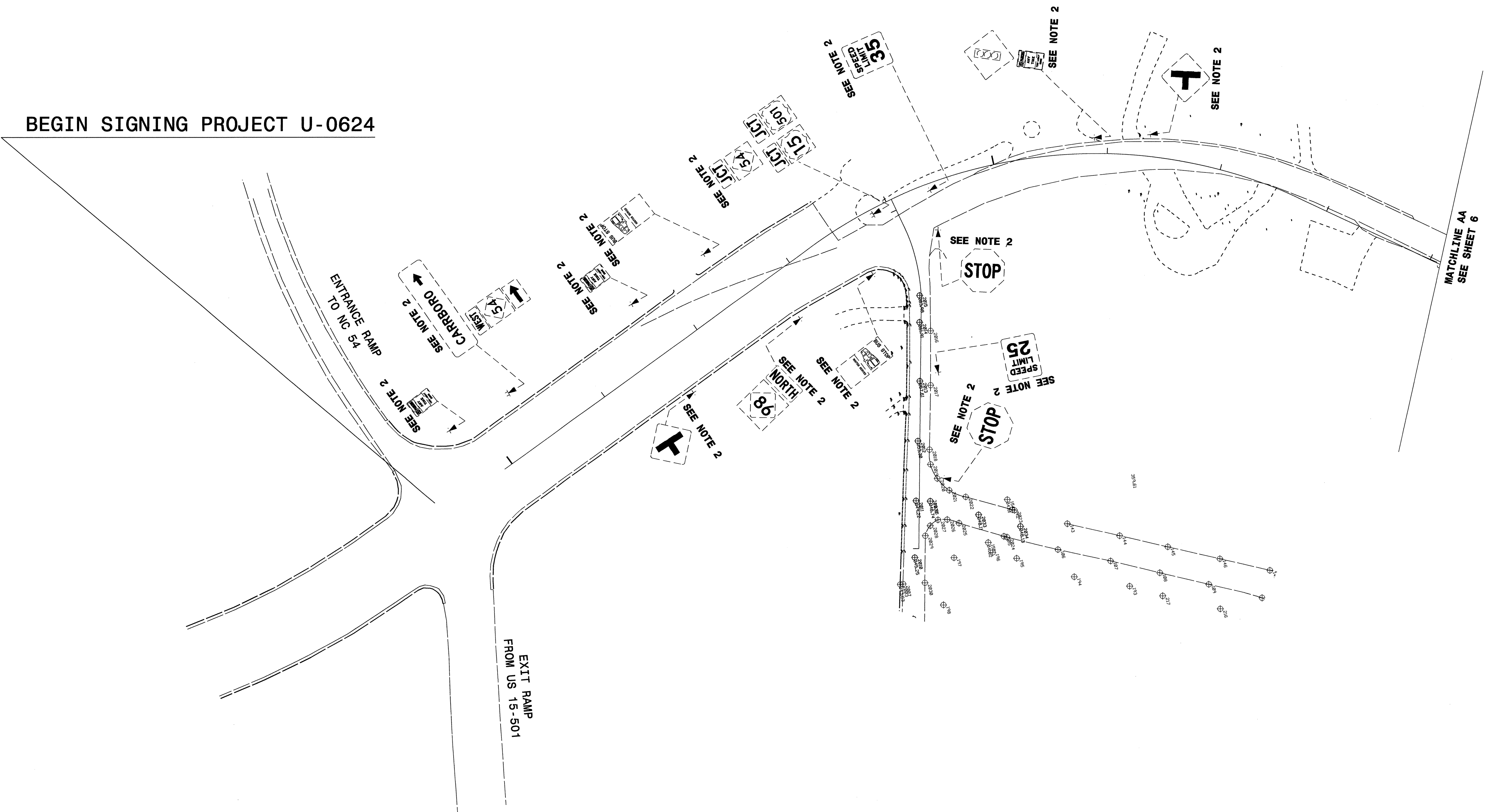


SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-0" HEIGHT: 1'-6" TOTAL AREA: 7.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: SJOHNS PROJECT ID: U-0624	CHECKED BY: SBKUNZ DIV: 7	DATE: Jun 26, 2012																																																																																																																																																												
	<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>AR_Type D</td> <td>43.9</td> <td>6</td> <td>6</td> <td>9</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>	SYMBOL	X	Y	WID	HT	AR_Type D	43.9	6	6	9																																																																																																																																																					
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<table border="1"> <thead> <tr> <th colspan="11">Letter positions</th> <th>Series/Size</th> </tr> <tr> <th colspan="11">Letter spacings are to start of next letter</th> <th>Text Length</th> </tr> <tr> <th>C</th><th>a</th><th>r</th><th>r</th><th>b</th><th>o</th><th>r</th><th>o</th><th colspan="3"> </th><th>D 2000</th> </tr> </thead> <tbody> <tr> <td>7</td><td>5</td><td>4.6</td><td>3</td><td>3</td><td>4.3</td><td>4.6</td><td>2.8</td><td>3.7</td><td>22.1</td><td> </td><td>30.9</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></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></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></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></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></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></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></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></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></tr> </tbody> </table>					Letter positions											Series/Size	Letter spacings are to start of next letter											Text Length	C	a	r	r	b	o	r	o				D 2000	7	5	4.6	3	3	4.3	4.6	2.8	3.7	22.1		30.9																																																																																																												
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28 JUN 2012 08:02
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 sjoohns

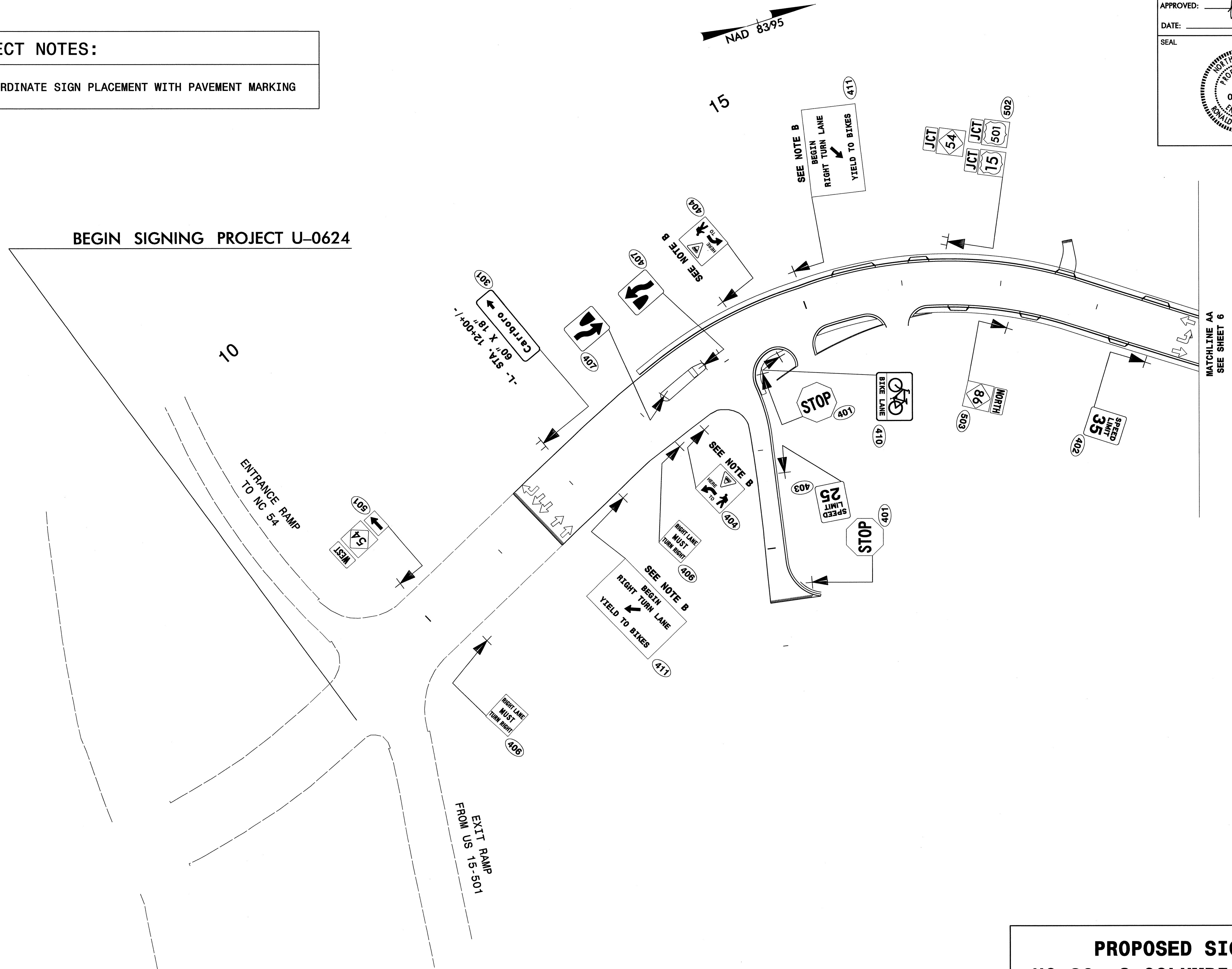
TIP NO. U-0624	SHEET NO. SIGN-4
APPROVED: <i>RW7</i>	
DATE: 6/29/12	
SEAL	
	

PAY ITEM NOTES:	
2	DISPOSAL OF SIGN SYSTEM, U-CHANNEL



**EXISTING SIGNS
NC 86 S COLUMBIA STREET**

PROJECT NOTES:	
B	COORDINATE SIGN PLACEMENT WITH PAVEMENT MARKING

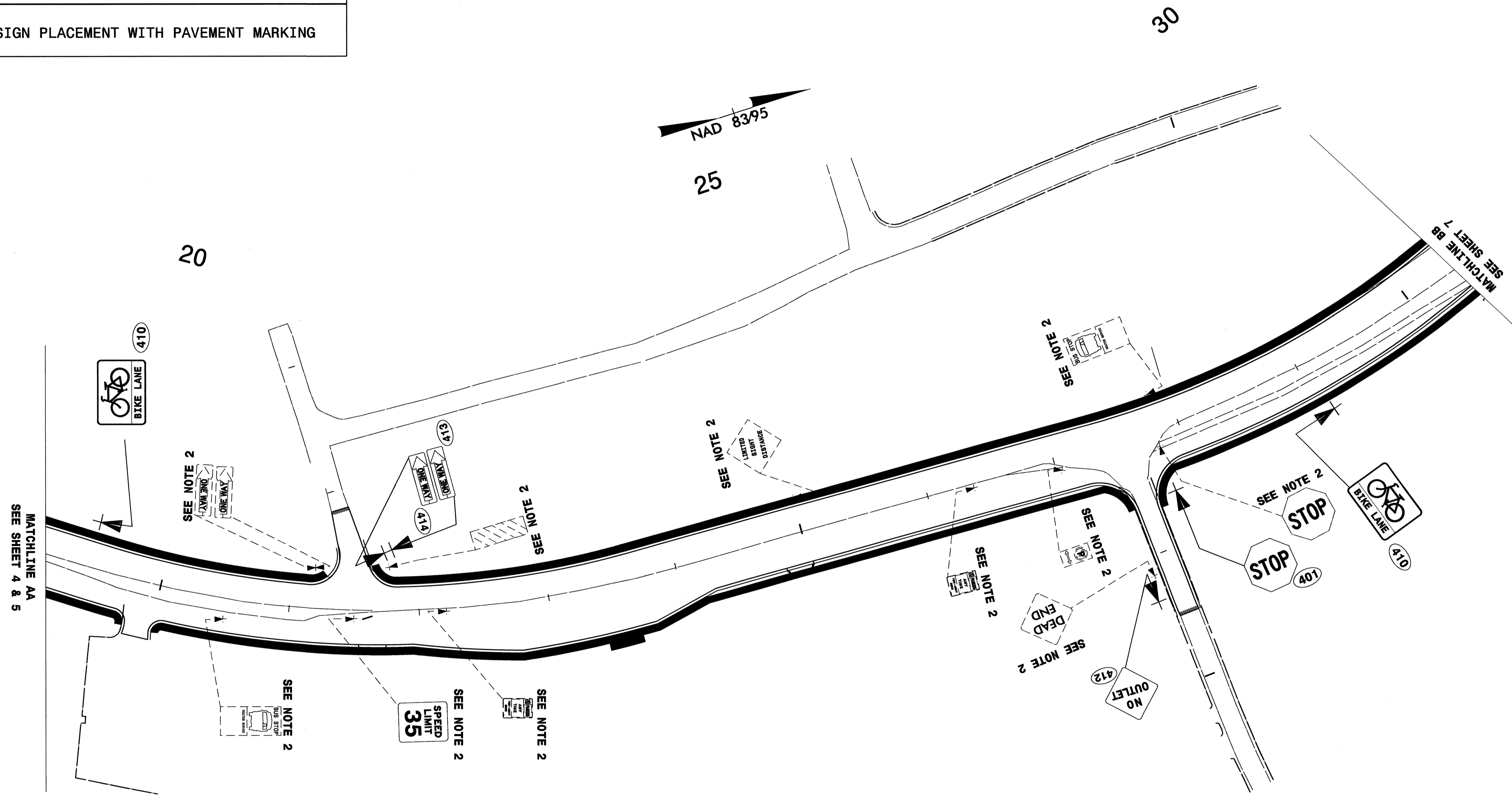


PROPOSED SIGNS
NC 86 S COLUMBIA STREET

TIP NO. U-0624	SHEET NO. SIGN-6
APPROVED: <i>[Signature]</i>	
DATE: 6/29/12	
SEAL	

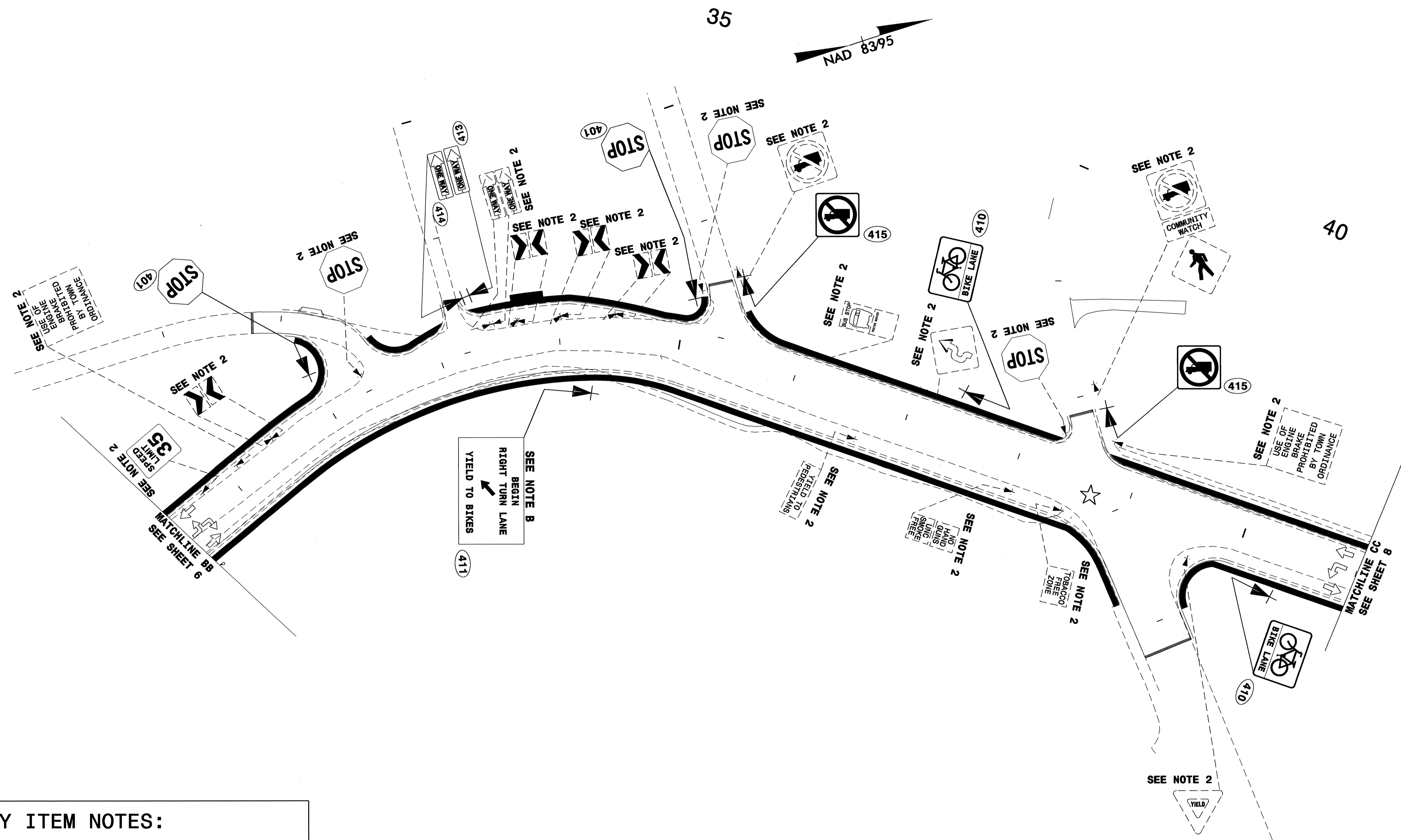
PAY ITEM NOTES:	
2	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

PROJECT NOTES:	
B	COORDINATE SIGN PLACEMENT WITH PAVEMENT MARKING



**EXISTING & PROPOSED SIGNS
NC 86 S COLUMBIA STREET**

28 JUN 2012 08:22 U0624\Traffic\Signing\CADD\Signing Layout Plans\Signing\U0624_Sgn_SGN_SHT6.dgn
 sjohns 24/057

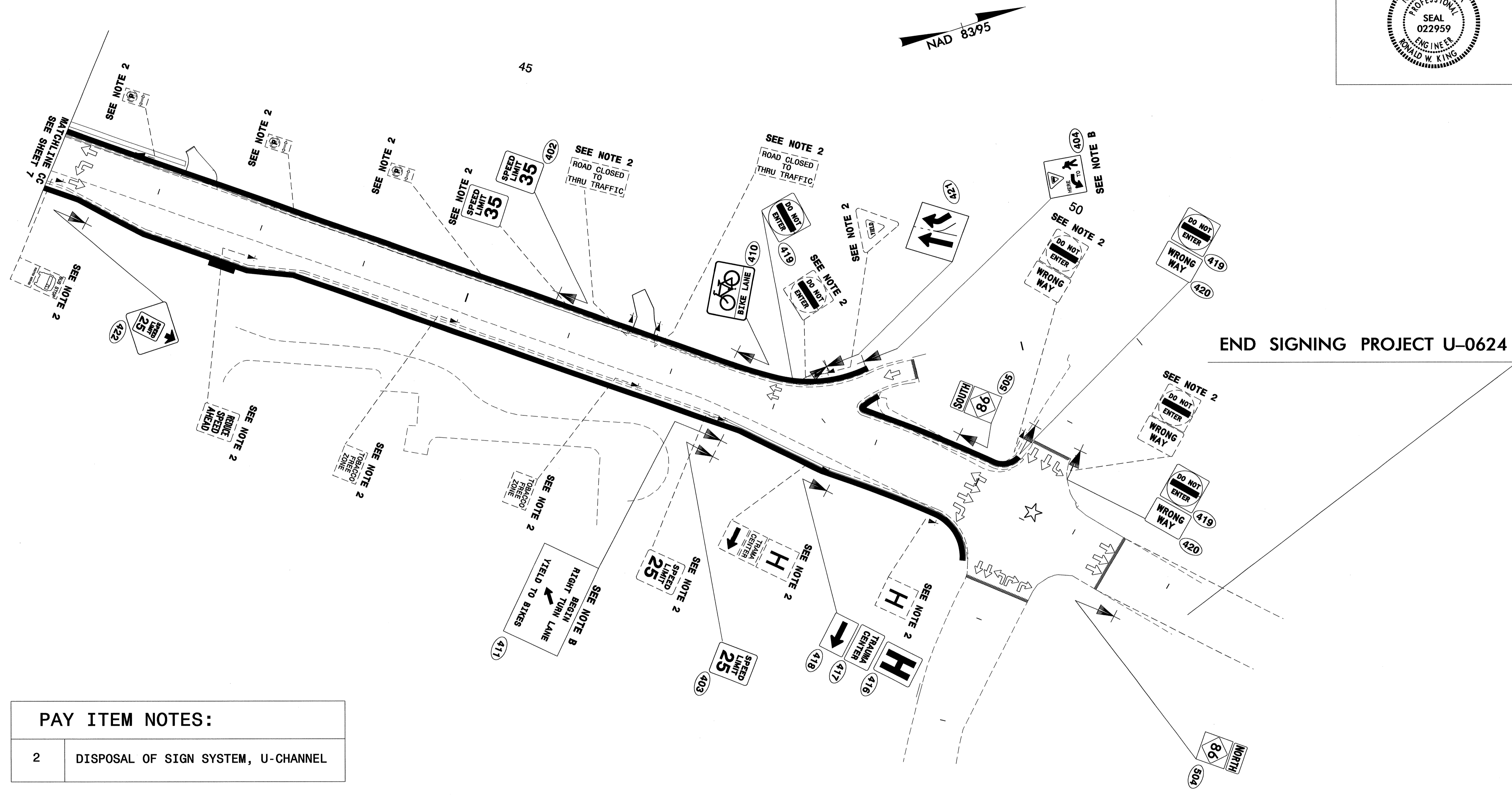


PAY ITEM NOTES:	
2	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

PROJECT NOTES:	
B	COORDINATE SIGN PLACEMENT WITH PAVEMENT MARKING

**EXISTING & PROPOSED SIGNS
NC 86 S COLUMBIA STREET**

28-JUN-2012 08:23
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 s.johns AT 12:47:55



END SIGNING PROJECT U-0624

PAY ITEM NOTES:	
2	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

PROJECT NOTES:	
B	COORDINATE SIGN PLACEMENT WITH PAVEMENT MARKING

**EXISTING & PROPOSED SIGNS
NC 86 S COLUMBIA STREET**

28 JUN 2012 08:23
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