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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

PROJECT REFERENCE NO. <i>U-3308</i>	SHEET NO. <i>SIGN-1</i>
APPROVED: <i>Ronald W. King</i> <small>DocuSigned by: 069607A8677C4DC...</small>	
DATE: 4/6/2015	
SEAL 	

**SIGNING PLAN
DURHAM COUNTY**

**LOCATION: NC 55 (ALSTON AVE) FROM NC 147 (I.L."BUCK" DEAN FREEWAY) TO
NORTH OF US 70 BUS /NC 98 (HOLLOWAY ST)**

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
901.50	ARROWS AND SHIELDS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . ALL EXISTING SIGNS/SIGN SYSTEM WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS. THE SIGNS TO BE DISPOSED ARE NOT SHOWN ON THE PLAN; HOWEVER THE PAY ITEM/QUANTITY IS INCLUDED IN THE CONTRACT.
- . 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
- . 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	2322	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	141	EA.
4108000000	904	SIGN ERECTION, TYPE F	26	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	86	EA.

PROJECT NOTES

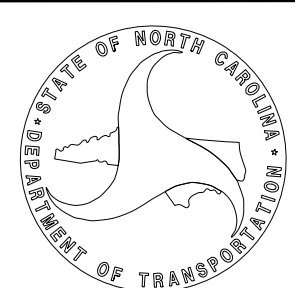
1	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
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INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	E SHEET
SIGN-3	D & F SHEET
SIGN-4-10	SIGNING PLAN SHEETS

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

RENEE B. ROACH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
STACEY W. JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER

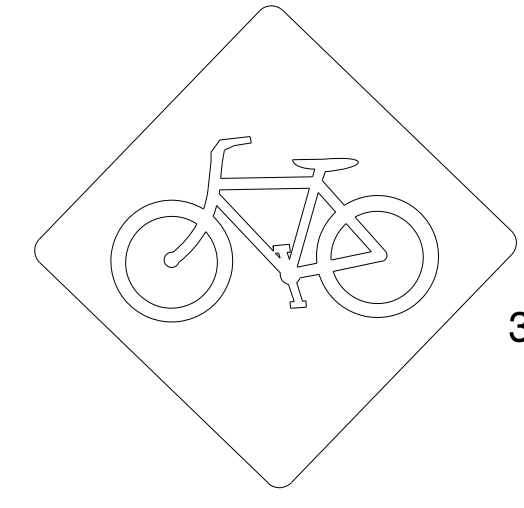


T.I.P.: U-3308

CONTRACT: C203567




401 QUANTITY REQ'D 1



30 x 30
W11-1

ONE "U" POST PER SIGN

406 QUANTITY REQ'D 4



54 X 18
R6-1 (L)

MOUNT BACK TO BACK WITH SIGN 405
IN 2 INSTALLATION


411 QUANTITY REQ'D 2



36 X 36
R1-5R

ONE "U" POST PER SIGN


416 QUANTITY REQ'D 1



24 X 8
R3-17bP

MOUNT BELOW SIGN 415
IN 2 INSTALLATIONS

421 QUANTITY REQ'D 6

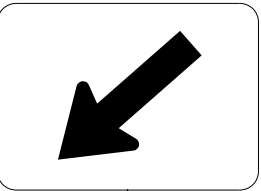


36 X 36
S1-1

YELLOW/GREEN REFLECTIVE SHEETING

ONE "U" POST PER SIGN

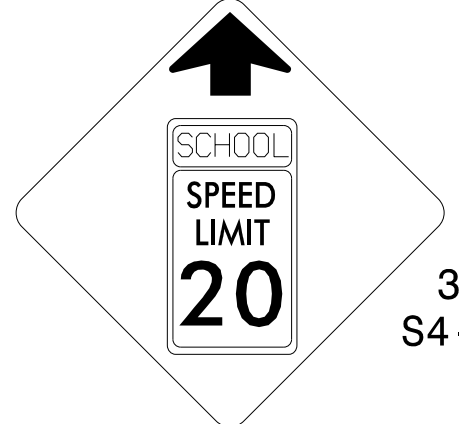
426 QUANTITY REQ'D 4



24 X 12
W16-7p

MOUNT BELOW SIGN 421
IN 4 INSTALLATIONS

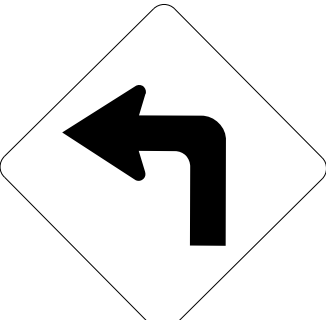
427 QUANTITY REQ'D 2



36 X 36
S4-5

ONE "U" POST PER SIGN


432 QUANTITY REQ'D 1



30 X 30
W1-1L

ONE "U" POST PER SIGN


402 QUANTITY REQ'D 1



18 x 24
W16-1P

MOUNT BELOW SIGN 401
IN 1 INSTALLATION

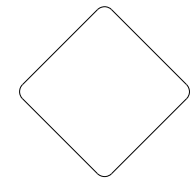
407 QUANTITY REQ'D 4



36 X 24
R5-1a

ONE "U" POST PER SIGN


412 QUANTITY REQ'D 10



18 X 18
OM4-1

ONE "U" POST PER SIGN

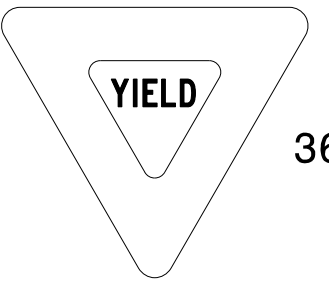
417 QUANTITY REQ'D 12



36 X 12
R6-1 (R)

MOUNT ABOVE SIGN 409
IN 7 INSTALLATIONS


422 QUANTITY REQ'D 1



36 X 36 X 36
R1-2

ONE "U" POST PER SIGN

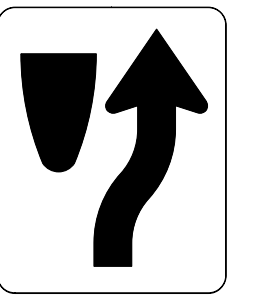
428 QUANTITY REQ'D 6



24 X 8
S4-3P

MOUNT ABOVE SIGN 421
IN 2 INSTALLATIONS
MOUNT ABOVE SIGN 420
IN 4 INSTALLATIONS


433 QUANTITY REQ'D 7



24 X 30
R4-7

ONE "U" POST PER SIGN

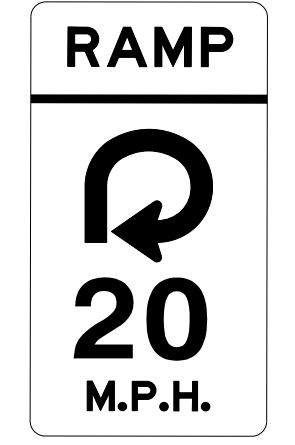
403 QUANTITY REQ'D 10



30 X 30
R5-1

MOUNT BACK TO BACK WITH SIGN 409
IN 2 INSTALLATION

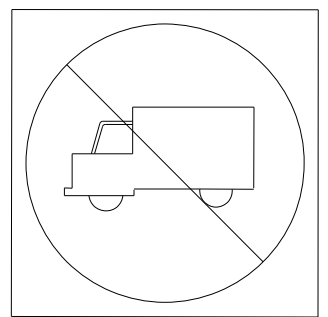
408 QUANTITY REQ'D 1



24 x 42
W13-7

ONE "U" POST PER SIGN

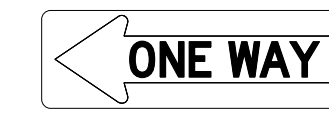
413 QUANTITY REQ'D 1



24 X 24
R5-2

ONE "U" POST PER SIGN

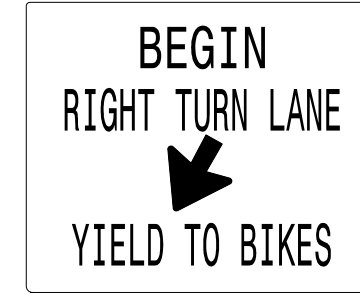
418 QUANTITY REQ'D 5



36 X 12
R6-1 (L)

MOUNT BACK TO BACK WITH
SIGN 417 IN 4 INSTALLATIONS

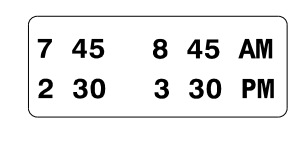
423 QUANTITY REQ'D 4



36 x 30
R4-4

ONE "U" POST PER SIGN

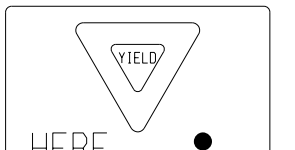
429 QUANTITY REQ'D 4



24 X 10
S4-1P

MOUNT BELOW SIGN 420
IN 4 INSTALLATIONS


434 QUANTITY REQ'D 6



36 X 36
R1-5L

ONE "U" POST PER SIGN

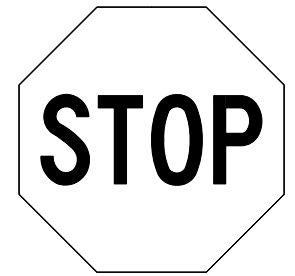
404 QUANTITY REQ'D 2



18 X 18
W13-1P

MOUNT BELOW SIGN 431
IN 2 INSTALLATION


409 QUANTITY REQ'D 11



36 X 36
R1-1

ONE "U" POST PER SIGN


414 QUANTITY REQ'D 5



36 X 36
R3-7

ONE "U" POST PER SIGN


419 QUANTITY REQ'D 2



30 x 30
W14-2

ONE "U" POST PER SIGN

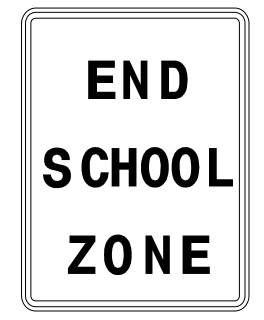
424 QUANTITY REQ'D 2



36 X 36
S4-5

ONE "U" POST PER SIGN

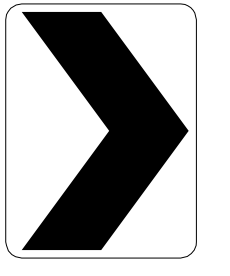
430 QUANTITY REQ'D 5



24 X 30
S5-2

ONE "U" POST PER SIGN


435 QUANTITY REQ'D 6



30 X 36
W1-8R

ONE "U" POST PER SIGN

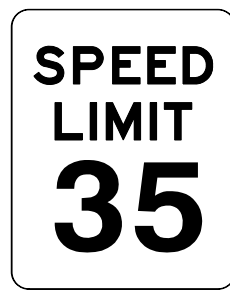
405 QUANTITY REQ'D 3



54 X 18
R6-1 (R)

TWO "U" POSTS PER SIGN


410 QUANTITY REQ'D 3



24 X 30
R2-1

ONE "U" POST PER SIGN


415 QUANTITY REQ'D 2



24 X 18
R3-17

ONE "U" POST PER SIGN

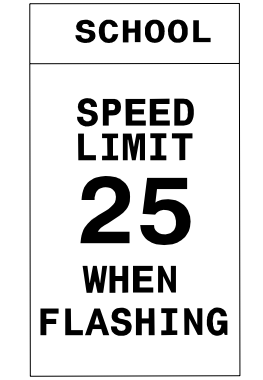
420 QUANTITY REQ'D 4



24 X 30
R2-1

ONE "U" POST PER SIGN

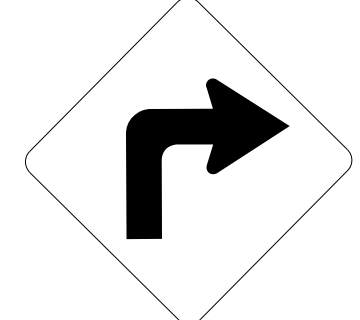
425 QUANTITY REQ'D 2



24 X 48
S5-1

ONE "U" POST PER SIGN

431 QUANTITY REQ'D 1



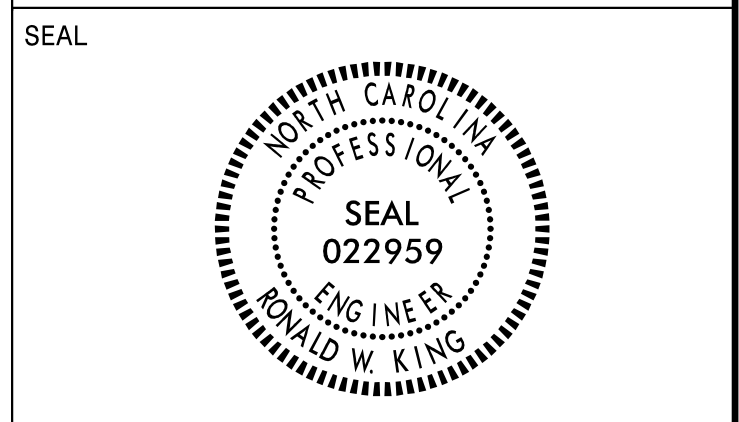
30 X 30
W1-1R

ONE "U" POST PER SIGN

TYPE "E" SIGNS

4/6/2015 P:\Projects-U\U3308-Traffic\Signing\CADD\Signing Layout Plans\U-3308-SGN5HT-1.dgn

APPROVED: *Ronald W. King*
 DATE: 4/6/2015



501 511

JCT 1-21 x 15
 147 1-30 x 24

ONE "U" POST PER SIGN

506

WEST EAST 2-24 x 12
 55 55 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

512 523

WEST 1-24 x 12
 55 1-24 x 24

ONE "U" POST PER SIGN

520

WEST 1-24 x 12
 BUSINESS WEST 2-24 x 12
 70 98 2-24 x 24
 EAST WEST 2-24 x 12
 55 55 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

521

WEST 1-24 x 12
 BUSINESS WEST 2-24 x 12
 70 98 2-24 x 24

TWO "U" POSTS PER SIGN

522

EAST 1-24 x 12
 BUSINESS EAST 2-24 x 12
 70 98 2-24 x 24
 WEST EAST 2-24 x 12
 55 55 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

525

EAST WEST 2-24 x 12
 BUSINESS BUSINESS 2-24 x 12
 70 70 2-24 x 24
 EAST WEST 2-24 x 12
 98 98 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

502 513 514 526

EAST 1-24 x 12
 55 1-24 x 24

ONE "U" POST PER SIGN

507

SOUTH EAST 2-24 x 12
 147 55 1-30 x 24
 1-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

515 524

EAST 1-24 x 12
 BUSINESS 1-24 x 12
 70 1-24 x 24
 98 1-24 x 24

ONE "U" POST PER SIGN

503

NORTH SOUTH 2-24 x 12
 147 147 2-30 x 24
 ↑ → 2-21 x 15

TWO "U" POSTS PER SIGN

508

NORTH 1-24 x 12
 147 H 1-30 x 24
 1-24 x 24
 → → 2-21 x 15

TWO "U" POSTS PER SIGN

516

WEST EAST 2-24 x 12
 BUSINESS BUSINESS 2-24 x 12
 70 70 2-24 x 24
 WEST EAST 2-24 x 12
 98 98 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

504

WEST NORTH 2-24 x 12
 55 147 1-24 x 24
 1-30 x 24
 ↑ → 2-21 x 15

TWO "U" POSTS PER SIGN

509

H 1-24 x 24
 → 1-21 x 15
 SOUTH NORTH 2-24 x 12
 147 147 2-30 x 24
 ↑ → 2-21 x 15

TWO "U" POSTS PER SIGN

517

EAST 1-24 x 12
 BUSINESS EAST 2-24 x 12
 70 98 2-24 x 24

TWO "U" POSTS PER SIGN

505

SOUTH 1-24 x 12
 147 1-30 x 24
 ← 1-21 x 15

ONE "U" POST PER SIGN

510

WEST EAST 2-24 x 12
 55 55 2-24 x 24
 ← → 2-21 x 15

TWO "U" POSTS PER SIGN

518 519

JCT 1-21 x 15
 55 1-24 x 24

ONE "U" POST PER SIGN

SIGN NUMBER: 301,302 BACKG COLOR: Brown
 TYPE: D COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 4'-6" HEIGHT: 2'-6"
 TOTAL AREA: 11.3 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 3"
 NO. Z BARS: LENGTH:

SYMBOL	X	Y	WID	HT
Historic Sites	3.3	6.8	18	10.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2
 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.

DESIGN BY: S.Johns CHECKED BY: R.Roach DATE: Mar 11, 2015
 PROJECT ID: U-3308 DIV: 5

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

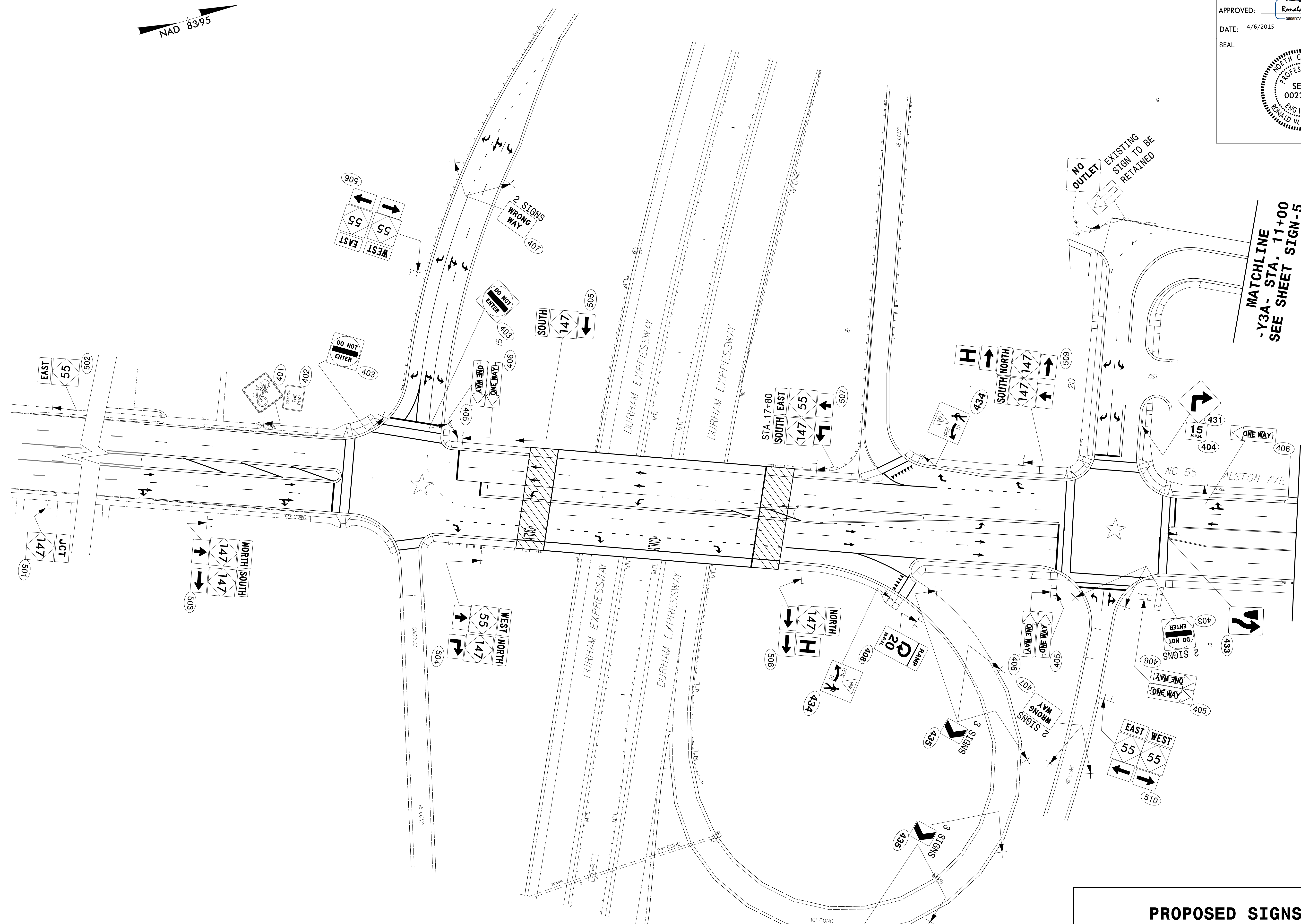
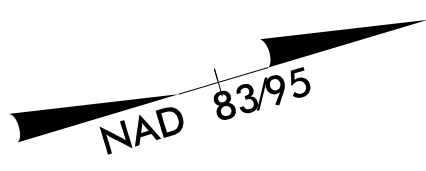
	G	O	L	D	E	N	B	E	L	T		Series/Size		
	19.7	3.5	3.3	1.4	3.3	3.2	2.6	4	3.4	3.2	1.2	1.8	3.3	C 2000
														31
														C 2000
	26.3	3.8	1.3	2.3	2.2	3.3	2.2	1.4	2.5	8.6				19.1
														C 2000
	27.1	3.7	1.3	2.3	2.3	2.2	1.4	2.7	1.8	9.1				17.8

FILENAME: GoldenBeltSign.dgn

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPES "D" & "F" SIGNS



4/6/2015 P:\Projects-U\U3308-Traffic\Signing\CADD\Signing Layout Plans\U-3308-SGN5HT-1.dgn

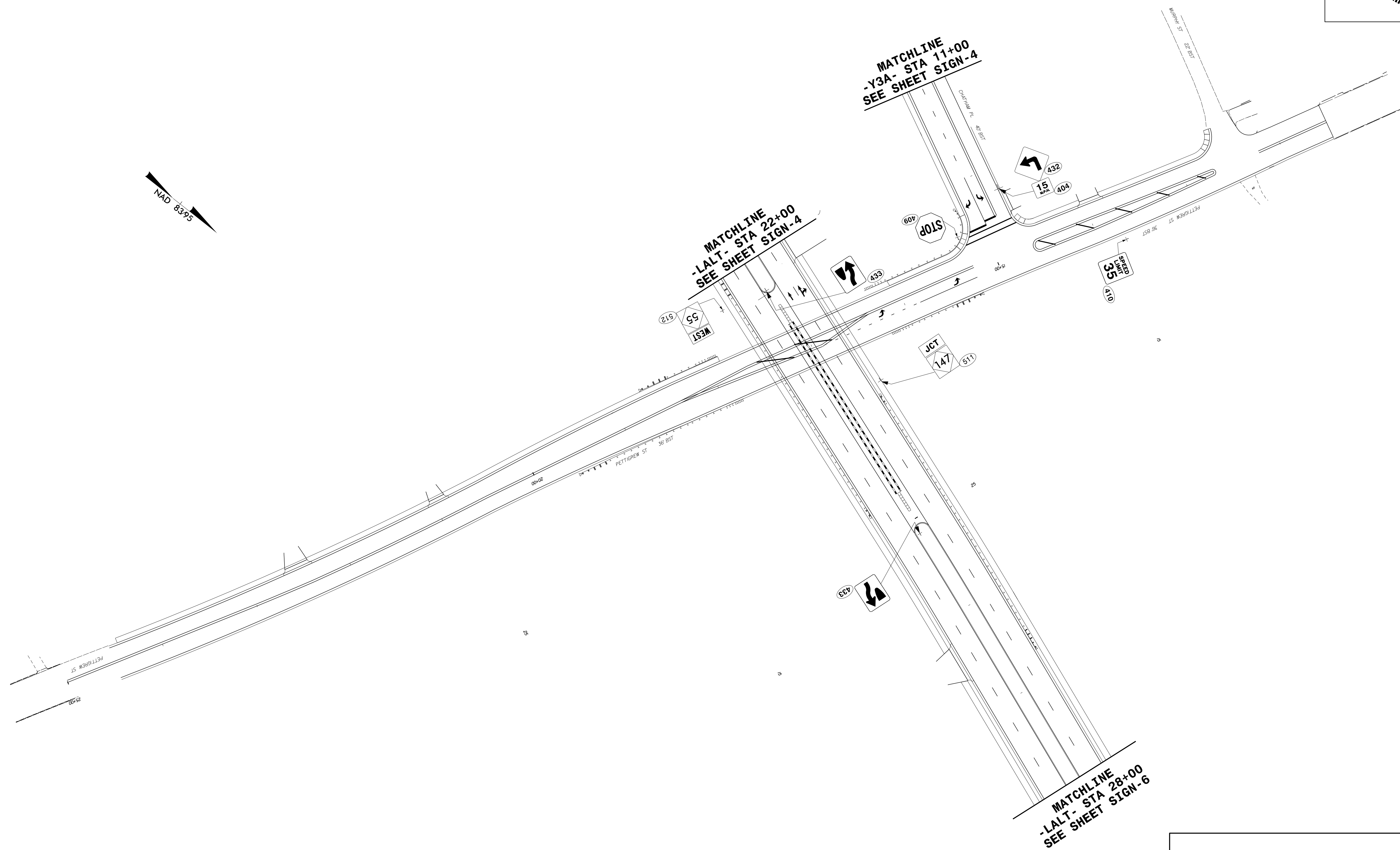
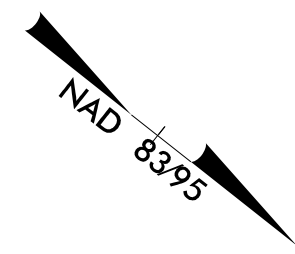


MATCHLINE
-Y3A- STA. 11+00
SEE SHEET SIGN-5

MATCHLINE
-LALT- STA. 22+00
SEE SHEET SIGN-5



**PROPOSED SIGNS
STA. 12+00 TO STA. 22+00**

PROJECT REFERENCE NO. U-3308	SHEET NO. SIGN-5
APPROVED:  0696074867740DC	
DATE: 4/6/2015	
SEAL	
	



**PROPOSED SIGNS
STA. 22+00 TO 28+00**

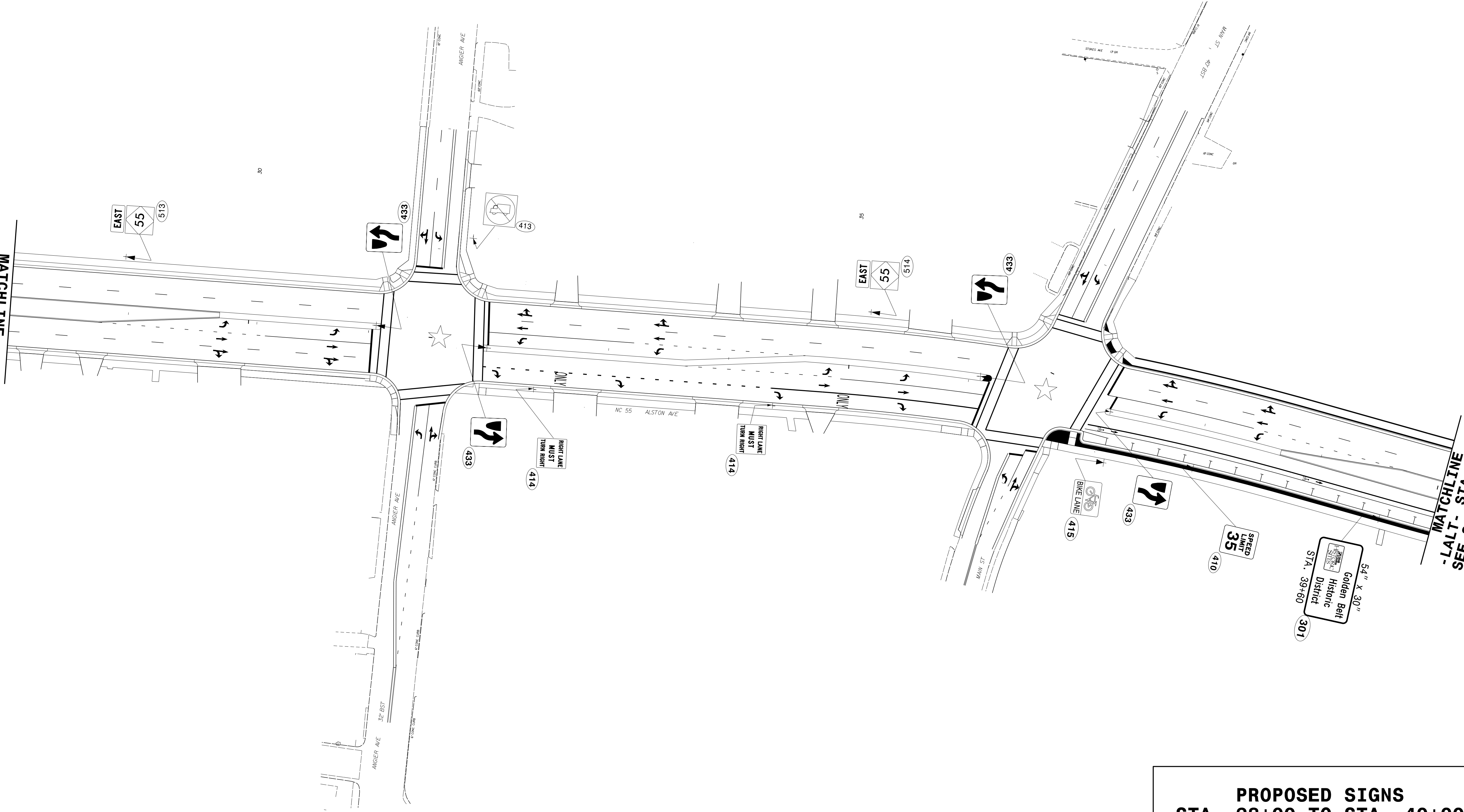
4/6/2015
 P:\Projects\UN3308\Traffic\Signing\CADD\Signing Layout Plans\U-3308-SGN5HT_5.dgn
 Jseris:rbns

PROJECT REFERENCE NO. U-3308	SHEET NO. SIGN-6
APPROVED:  069807486774DC	
DATE: 4/6/2015	
SEAL	
	



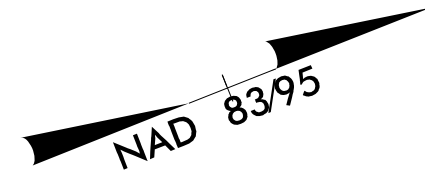
MATCHLINE
 -LALT- STA 28+00
 SEE SHEET SIGN-5

MATCHLINE
 -LALT- STA 40+00
 SEE SHEET SIGN-7



PROPOSED SIGNS
STA. 28+00 TO STA. 40+00

4/6/2015
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 Jseris.tbl




MATCHLINE
- LALT- STA 40+00
SEE SHEET SIGN-6

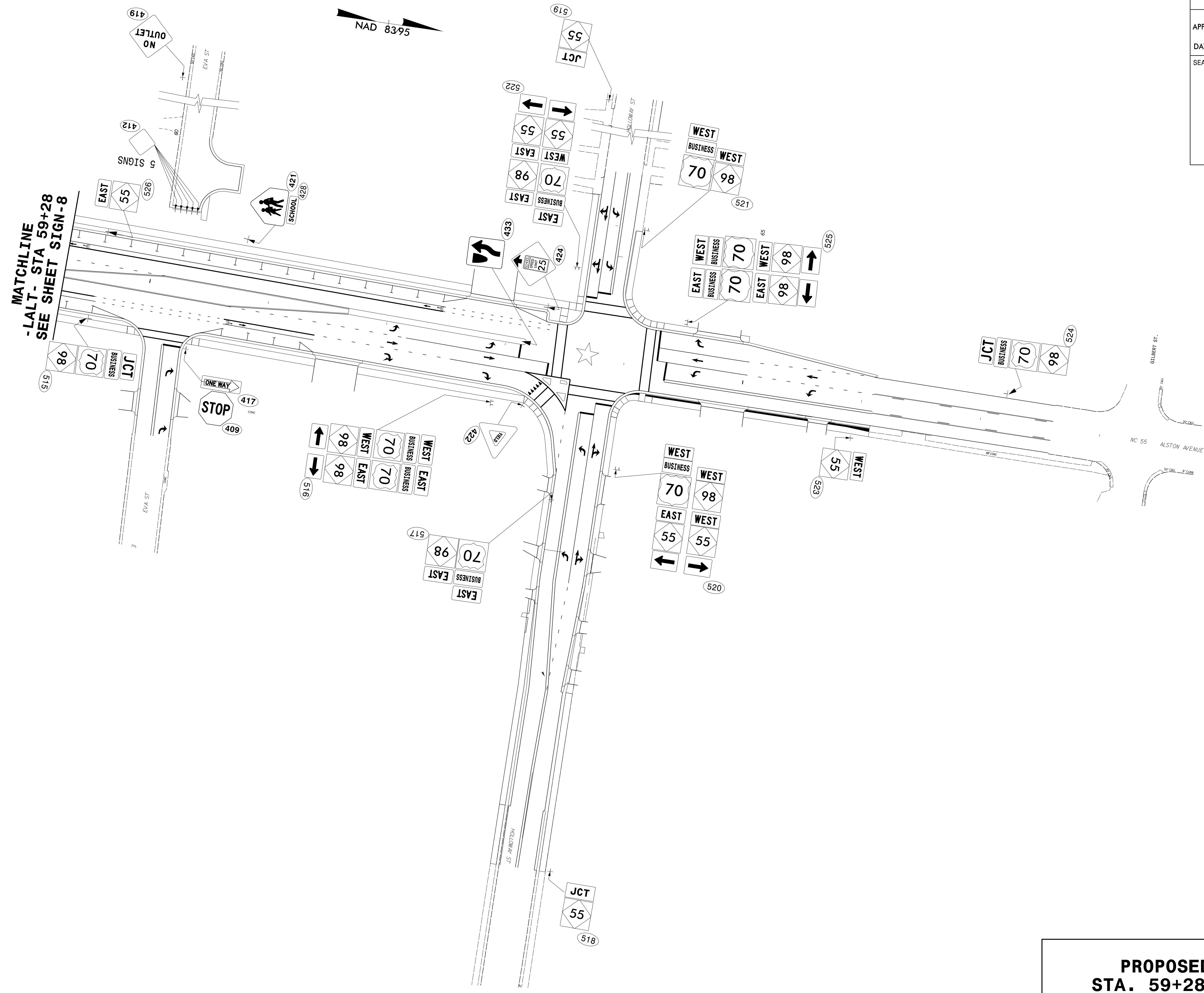
MATCHLINE
- LALT- STA 47+30
SEE SHEET SIGN-8

PROPOSED SIGNS
STA. 40+00 TO STA. 47+30



PROJECT REFERENCE NO. U-3308	SHEET NO. SIGN-9
APPROVED: <i>Ronald W. King</i> 069807AB67C4DC...	
DATE: 4/6/2015	
SEAL	

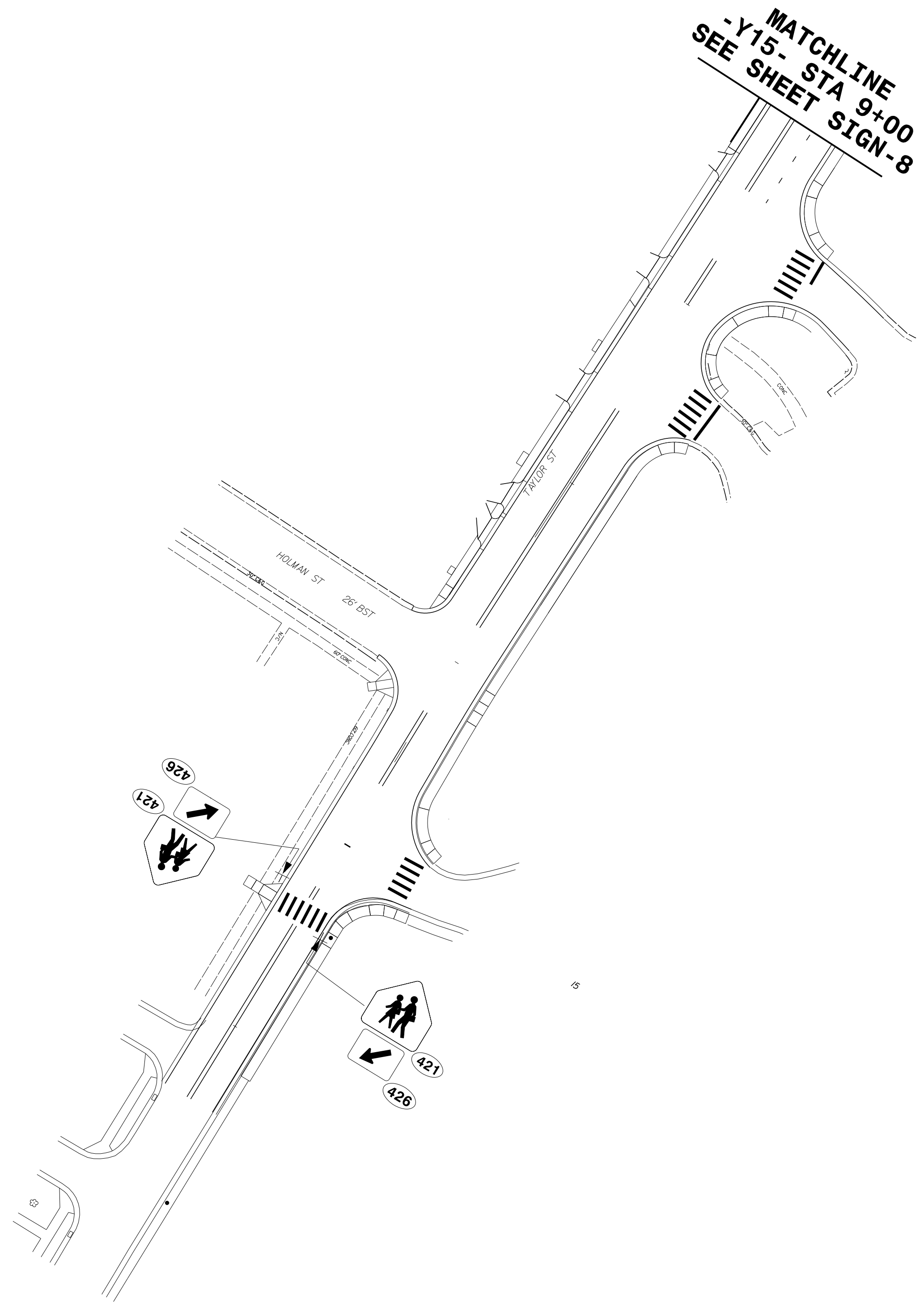
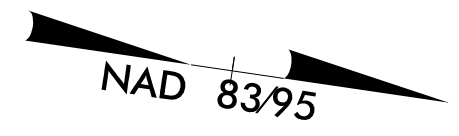


MATCHLINE
-LALT- STA 59+28
SEE SHEET SIGN-8



**PROPOSED SIGNS
STA. 59+28 TO 67+60**

PROJECT REFERENCE NO. U-3308	SHEET NO. SIGN-10
APPROVED:  069807486774DC...	
DATE: 4/6/2015	
SEAL	
	



**PROPOSED SIGNS
STA. 9+00 TO 15+40**

4/6/2015
 P:\Projects\UNU3308\Traffic\Signing\CADD\Signing Layout Plans\U-3308-SGN-SHT_10.dgn
 Insertions