

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

CHATHAM COUNTY

LOCATION: CHATHAM PARK WAY FROM GRANT DRIVE TO US 15-501

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
901.50	ARROWS AND SHIELDS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
1145.01	BARRICADES - TYPE III
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000-E	901	CONTRACTOR FURNISHED, TYPE 'E' SIGN	140	SF
4025000000-E	901	CONTRACTOR FURNISHED, TYPE 'F' SIGN	80	SF
4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	375	LF
4102000000-N	904	SIGN ERECTION, TYPE 'E'	19	EA
4108000000-E	904	SIGN ERECTION, TYPE 'F'	6	EA
4116100000-E	904	SIGN ERECTION, RELOCATE TYPE 'E'	1	EA
4155000000-E	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7	EA

GENERAL NOTES

- SIGNS FURNISHED BY CONTRACTOR.
- 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.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC MANAGEMENT PLANS.

INDEX

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

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

MITCH EATON, P.E.	SIGNING & DELINEATION REGIONAL ENGINEER
STACEY JOHNS	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

VANCE W. BLANTON P.E.	PROJECT DESIGN ENGINEER
TYLER G. SPRING P.E.	DESIGNER



TIP NO.

R-5930B

SHEET NO.

SIGN-1

APPROVED: _____

DATE: _____

SEAL

DocuSigned by
Vance W. Blanton
97A6F92B55744EC...

NORTH CAROLINA

PROFESSIONAL

SEAL

038559

ENGINEER

W. BLANTON

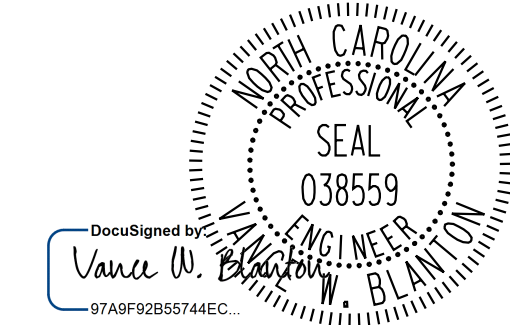
12/9/2024

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: _____

DATE: _____

SEAL



12/9/2024

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SIGN NUMR:
TYPE: F Ground
QUANTITY: 1

BACKG. COLOR: White
COPY COLOR: Black

DESIGN BY:
PROJECT ID:

CHK BY:
DIV:

STD #:
DATE:

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY & SAFETY
SIGNING & DELINEATION UNIT



SIGN WIDTH: 1'-9"
HEIGHT: 1'-9"
TOTAL AREA: 3.1 Sq.Ft.

MAT'L: 0.063 " ALUMINUM

BORDER TYPE: RECESSED

RECESS: 0.38"

WIDTH: 0.63"

RADII: 1.5"

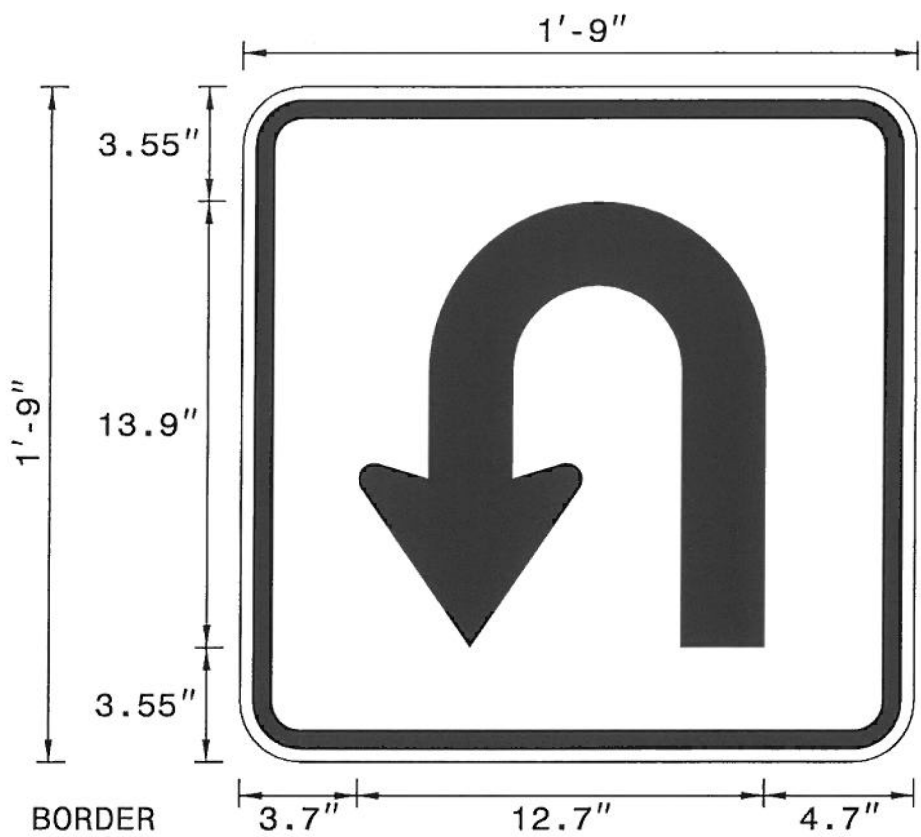
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LENGTH:

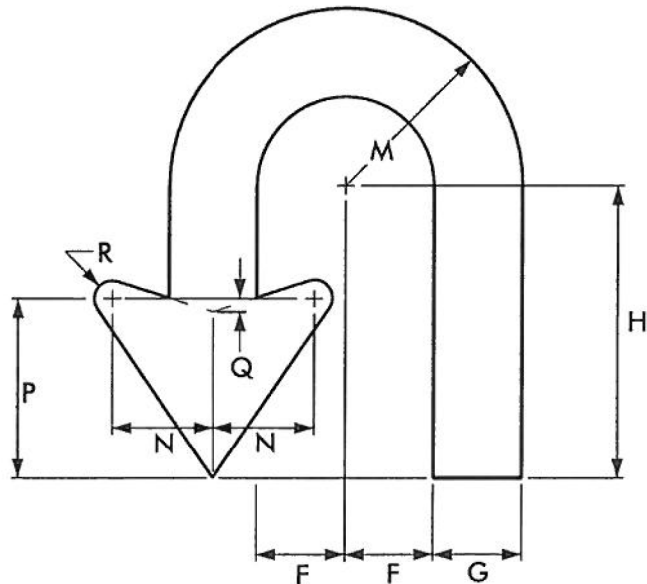
SYMBOL	X	Y	WID	HT
u arrow	3.7	3.5	12.7	13.9

NOTES:

- Legend and border shall be direct applied
Non-reflective sheeting.
- Background shall be Grade C reflective sheeting.



Arrow Details

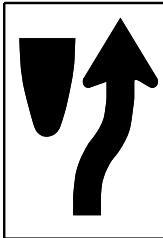
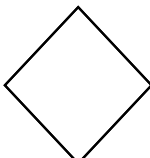
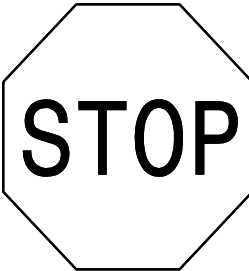
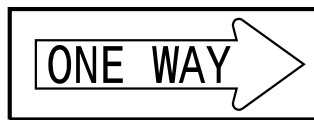
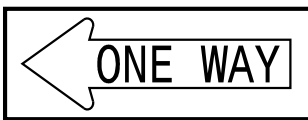
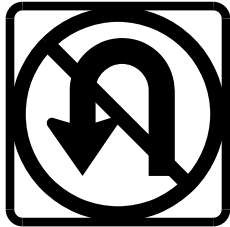
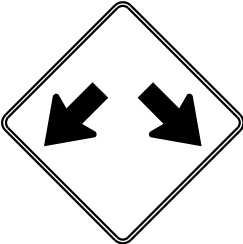


ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

K:\RAL_Roadway\01036532 - R-5930 North CPW\Traffic\Signing\CADD\Signing Layout Plans\R-5930B_rdy_sgn_3.dgn

12/6/2024

401 QUANTITY REQ'D 7 _		402 QUANTITY REQ'D 7 _		403 QUANTITY REQ'D 2 _		404 QUANTITY REQ'D 2 _		405 QUANTITY REQ'D 3 _		406 QUANTITY REQ'D 4 _		TIP NO. R-5930B SHEET NO. SIGN-3	
 24" X 30" R4-7		 18" X 18" OM1-3		 36" X 36" R1-1		 36" X 12" R1-5		 48" X 18" R6-1R		 48" X 18" R6-1L		APPROVED: DATE: SEAL DocuSigned by Vance W. Blanton 07A0F92B55744EC NORTH CAROLINA PROFESSIONAL SEAL 038559 ENGINEER VANCE W. BLANTON 12/9/2024	
ONE "U" POST PER SIGN		MOUNT BELOW SIGN #401 IN SEVEN (7) INSTALLMENTS		TWO "U" POSTS PER SIGN		TWO "U" POST PER SIGN MOUNT ABOVE SIGN #403 IN TWO (2) INSTALLMENTS		TWO "U" POSTS PER SIGN		TWO "U" POSTS PER SIGN		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
407 QUANTITY REQ'D 3 _		408 QUANTITY REQ'D 1 _		409 QUANTITY REQ'D 2 _									
 30" X 36" R2-1		 30" X 30" R3-4		 30" X 30" W12-1									
ONE "U" POST PER SIGN		ONE "U" POST PER SIGN		ONE "U" POST PER SIGN									

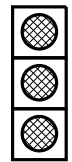
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12/6/2024

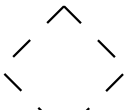
						TIP NO. R-5930B	SHEET NO. SIGN-3A																																		
501 QUANTITY REQ'D 1 _ M2-1 M1-4 M1-4 JCT 15 501 1 - 21" X 15" 1 - 24" X 24" 1 - 30" X 24" ONE "U" POST PER SIGN						502 QUANTITY REQ'D 1 _ M3-1 M1-4 M1-4 M5-1R NORTH 15 501 R 1 - 24" X 12" 1 - 24" X 24" 1 - 30" X 24" 1 - 21" X 15" ONE "U" POST PER SIGN						503 QUANTITY REQ'D 1 _ M3-1 M1-4 M1-4 NORTH 15 501 1 - 24" X 12" 1 - 24" X 24" 1 - 30" X 24" ONE "U" POST PER SIGN						504 QUANTITY REQ'D 1 _ M3-3 M1-4 M1-4 SOUTH 15 501 1 - 24" X 12" 1 - 24" X 24" 1 - 30" X 24" ONE "U" POST PER SIGN						505 QUANTITY REQ'D 1 _ M3-1 M1-4 SEE SIGN-2 NORTH 15 501 U 1 - 24" X 12" 1 - 24" X 24" 1 - 30" X 24" 1 - 21" X 21" ONE "U" POST PER SIGN						506 QUANTITY REQ'D 1 _ M3-3 M1-4 SEE SIGN-2 SOUTH 15 501 U 1 - 24" X 12" 1 - 24" X 24" 1 - 30" X 24" 1 - 21" X 21" ONE "U" POST PER SIGN						APPROVED: _____ DATE: _____ SEAL DocuSigned by Vance W. Blanton 97A8F92B55744EC 12/9/2024 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED					

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12/6/2024



DENOTES FUTURE SIGNAL



DENOTES EXISTING SIGN



DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION



DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION

RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES

- DISPOSE OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATION OF SIGN SYSTEM, U-CHANNEL

Kimley »Horn

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, N.C. 27601. NC LICENSE #F-0102

NAD 83 / NA 2011

TIP NO.

R-5930B

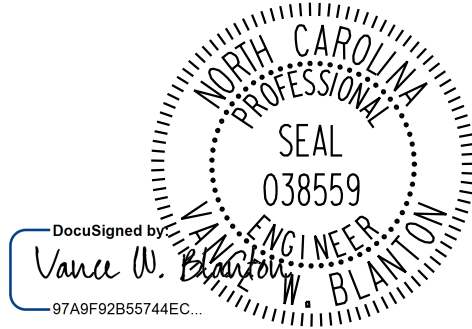
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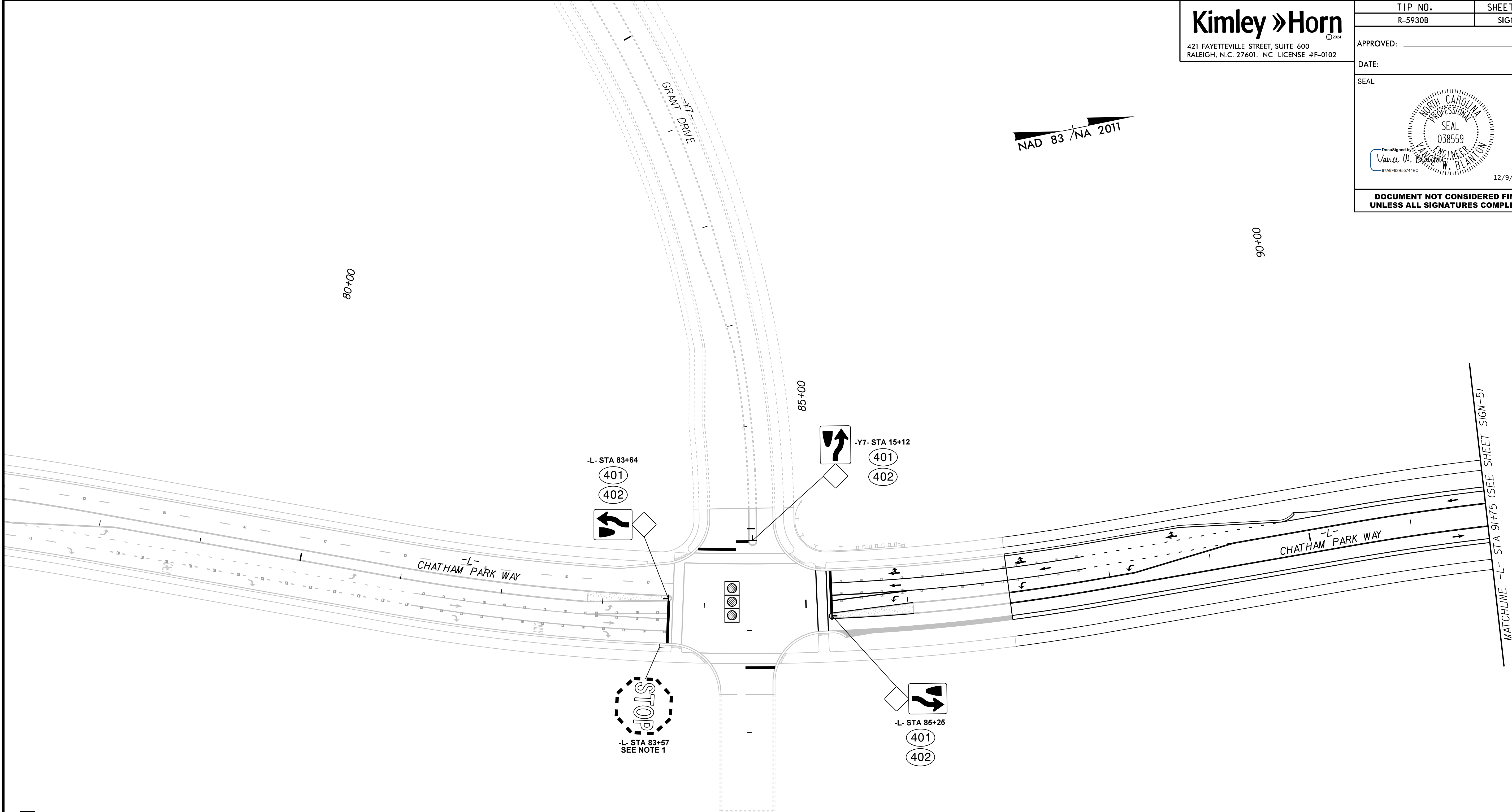
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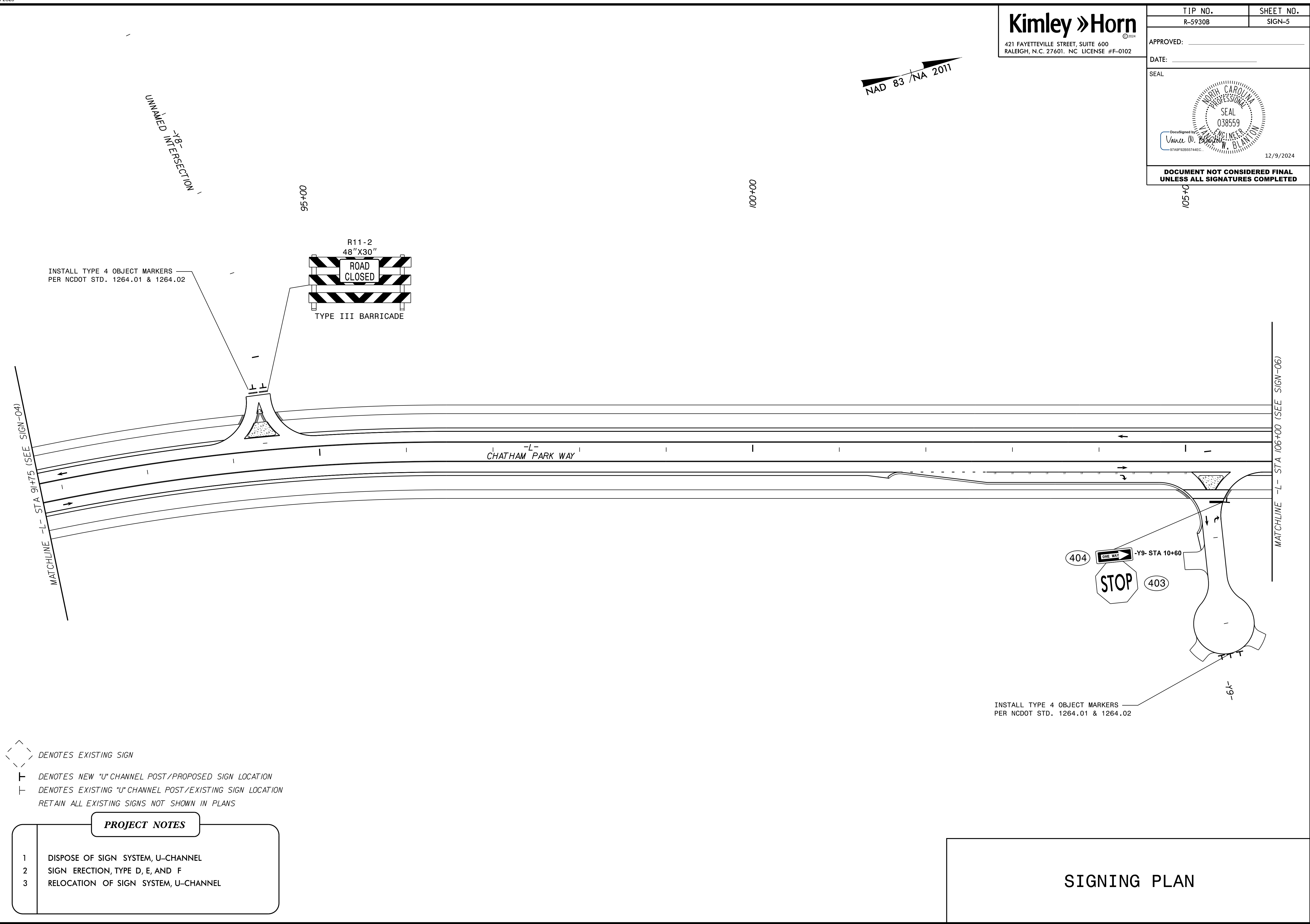
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SIGNING PLAN

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12/6/2024



- DENOTES EXISTING SIGN
- DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
- DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
- RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES	
1	DISPOSE OF SIGN SYSTEM, U-CHANNEL
2	SIGN ERECTION, TYPE D, E, AND F
3	RELOCATION OF SIGN SYSTEM, U-CHANNEL

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TIP NO.
R-5930B

SHEET NO.
SIGN-5

APPROVED: _____

DATE: _____

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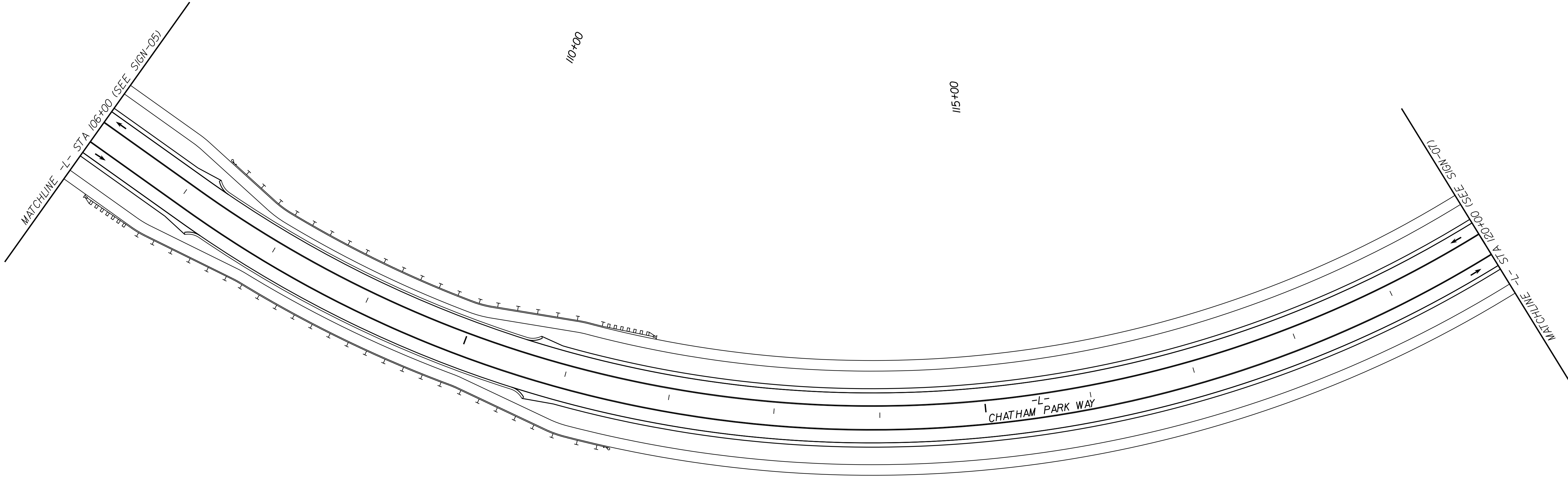
Vance W. Blanton
Professional Engineer
038559
12/9/2024

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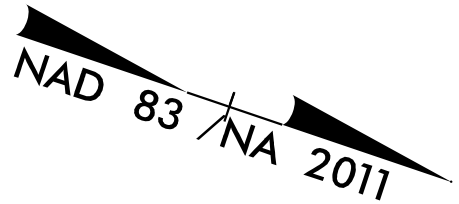
12/6/2024



- DENOTES EXISTING SIGN
- DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
- DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
- RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES

- DISPOSE OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATION OF SIGN SYSTEM, U-CHANNEL



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TIP NO. R-5930B	SHEET NO. SIGN-6
APPROVED: _____	
DATE: _____	
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SIGNING PLAN

- 
 DENOTES EXISTING SIGN
- 
 DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
- 
 DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION

RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES

- 1 DISPOSE OF SIGN SYSTEM, U-CHANNEL
- 2 SIGN ERECTION, TYPE D, E, AND F
- 3 RELOCATION OF SIGN SYSTEM, U-CHANNEL



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12/6/2024

DENOTES EXISTING SIGN

DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION

DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION

RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES

- DISPOSE OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATION OF SIGN SYSTEM, U-CHANNEL

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TIP NO.

R-5930B

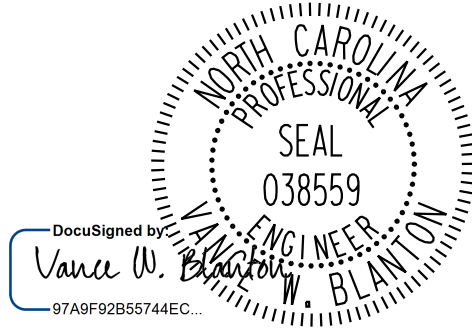
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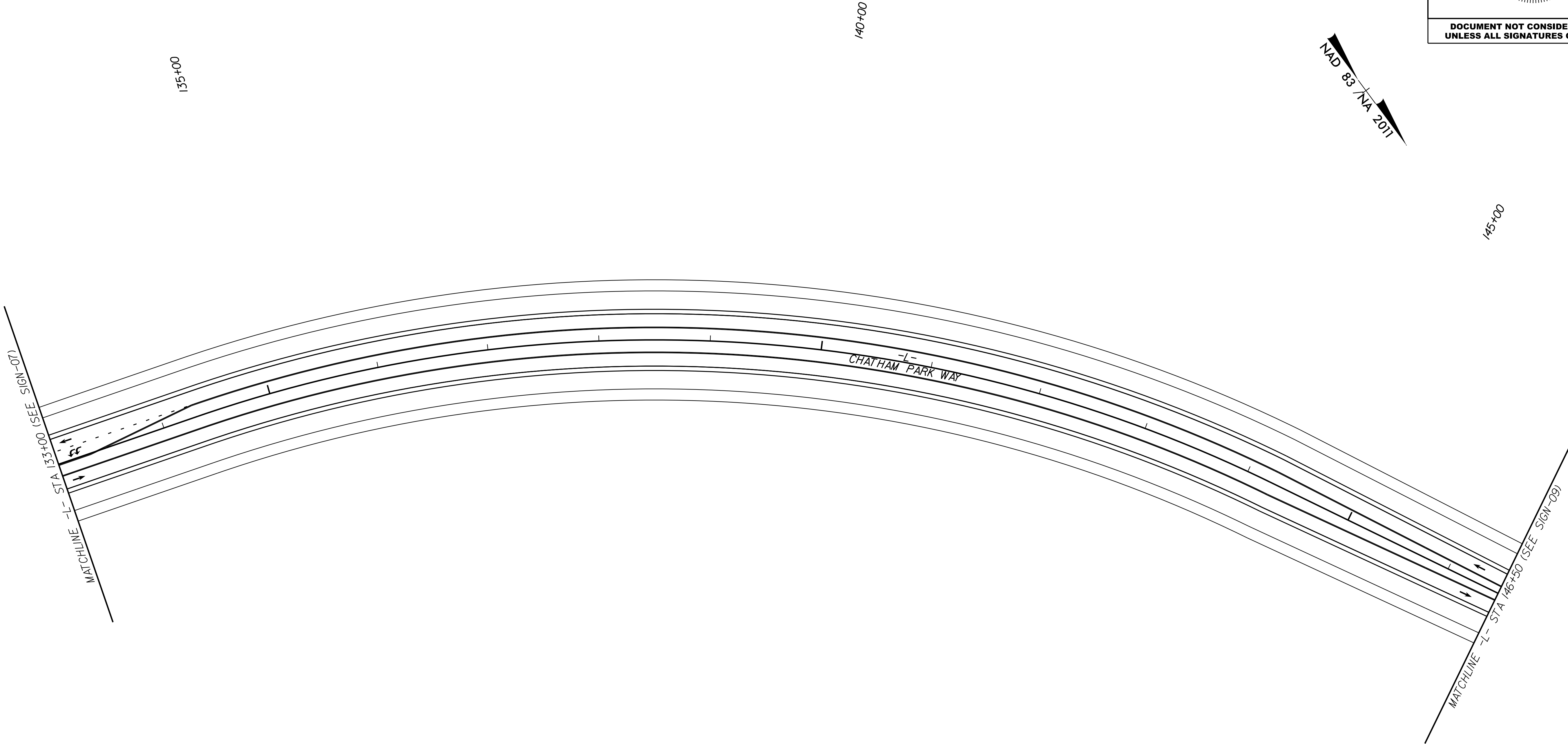
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SIGNING PLAN

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APPROVED:

DATE:

SEAL

DocuSigned by
Vance W. Blanton, P.E.
97AB92B55744EC...

12/9/2024

SEAL

038559

ENGINEER

W. BLANTON

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TIP NO.
R-5930B

SHEET NO.
SIGN-9

DENOTES EXISTING SIGN

DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION

DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION

RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES	
1	DISPOSE OF SIGN SYSTEM, U-CHANNEL
2	SIGN ERECTION, TYPE D, E, AND F
3	RELOCATION OF SIGN SYSTEM, U-CHANNEL

SIGNING PLAN

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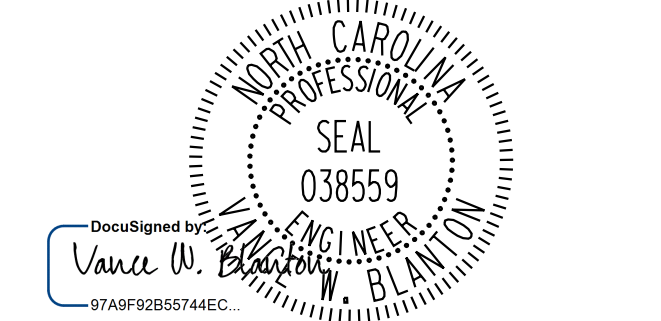
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RALEIGH, N.C. 27601. NC LICENSE #F-0102

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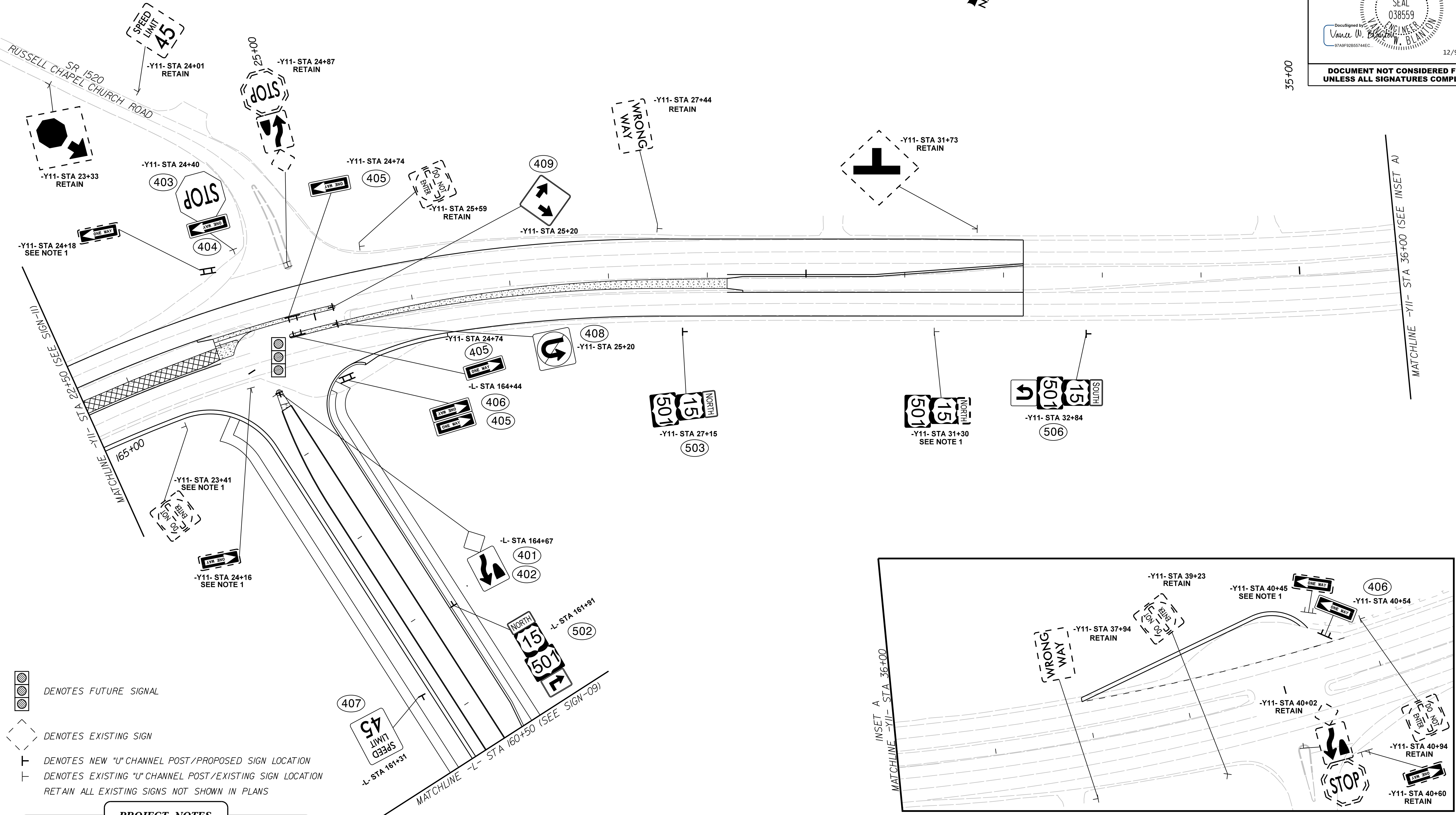
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DATE: _____

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- DENOTES FUTURE SIGNAL
- DENOTES EXISTING SIGN
- DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
- DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
- RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

PROJECT NOTES

- DISPOSE OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATION OF SIGN SYSTEM, U-CHANNEL

SIGNING PLAN

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TIP NO.

R-5930B

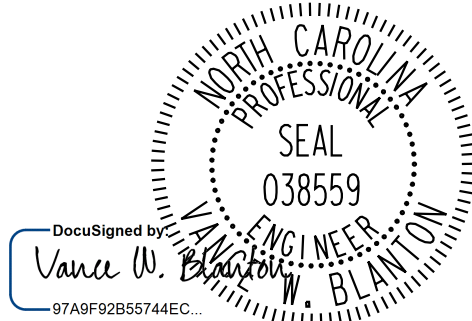
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SIGN-11

APPROVED: _____

DATE: _____

SEAL



12/9/2024

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20+00
NAD 83 / NA 2011

10+00

15+00

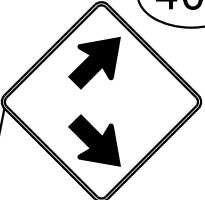
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(504)



-Y11- STA 25+20

(409)

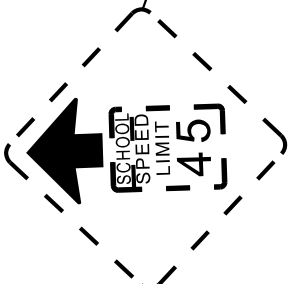


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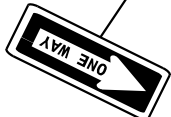
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US 15-501



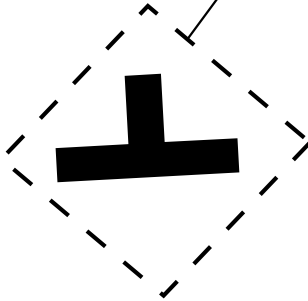
-Y11- STA 11+20
RETAIN

-Y11- STA 12+19

(406)



-Y11- STA 17+97
SEE NOTE 1



CONTRACTOR TO REMOVE AND
RELOCATE PRIVATE SIGN

-Y11- STA 21+49
SEE NOTE 2



MATCHLINE -Y11- STA 22+50 (SEE SIGN-10)

DENOTES EXISTING SIGN

DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION

DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION

RETAIN ALL EXISTING SIGNS NOT SHOWN IN PLANS

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SIGNING PLAN