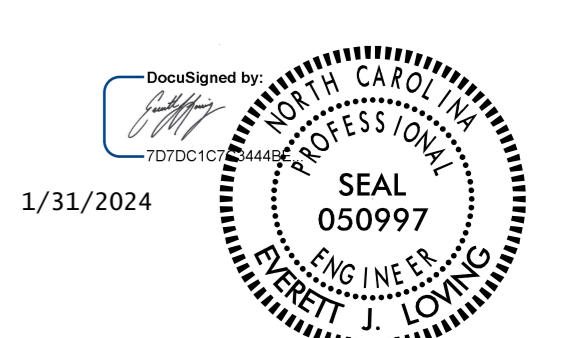


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
WAKE COUNTY

LOCATION: PROPOSED GRADE-SEPARATION OF DURANT ROAD (SR 2006)
OVER CSX S LINE RAILROAD IN RALEIGH

TIP NO. P-5720	SHEET NO. SIGN-1
APPROVED: _____	
DATE: _____	
SEAL	
	
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T.I.P.: P-5720

CONTRACT: C204204

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 2024 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

GENERAL NOTES

- SIGNS FURNISHED BY CONTRACTOR
- 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.
- GORALEIGH (FORMERLY CAPITAL AREA TRANSIT) BUS STOP SIGNS TO BE STOCKPILED BY THE CONTRACTOR AND RELOCATED AT NEW LOCATIONS TO BE DETERMINED BY OTHERS.

SUMMARY OF QUANTITIES

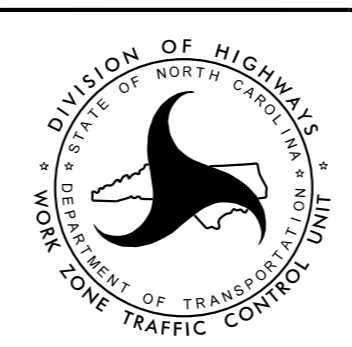
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	100	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	270	L.F.
4102000000	904	SIGN ERECTION, TYPE E	20	EA.
4116100000	904	SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)	1	EA.
4154000000	907	STOCKPILE SIGN SYSTEM, U-CHANNEL	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	12	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE "E" SIGNS SHEET
SIGN-3 THRU SIGN-5	SIGN DETAIL SHEETS

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

<u>Ayman I. Alqudwah PE</u>	SIGNING & DELINEATION REGIONAL ENGINEER
<u>D. M. Eaton, PE</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

<u>Greg Brew PE</u>	PROJECT DESIGN ENGINEER
<u>Everett Loving PE</u>	DESIGNER



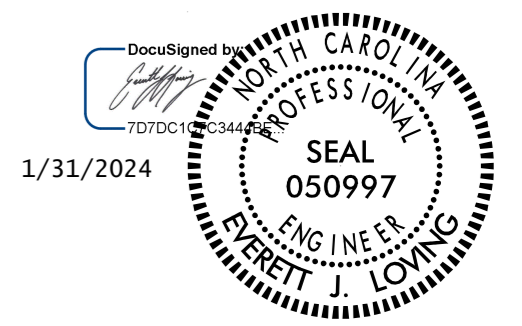
K:\RAL_Roadway\01036002 - P-5720 (Durant Rd)\Roadway\Proj\P-5720_rdy_sgn_01.dgn

1/3/2024

APPROVED: _____

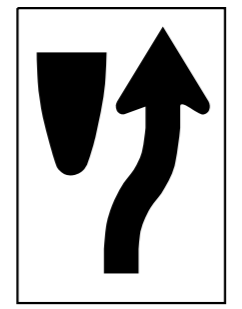
DATE: _____

SEAL



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

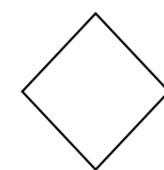
401 QUANTITY REQ'D 3



24" X 30"
R4-7

ONE "U" POST PER SIGN

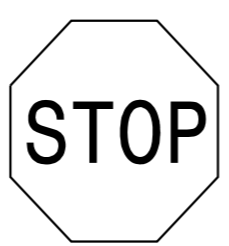
402 QUANTITY REQ'D 3



18" X 18"
OM1-3

MOUNT BELOW SIGN 401
IN 3 INSTALLATIONS

403 QUANTITY REQ'D 5



36" X 36"
R1-1

ONE "U" POST PER SIGN

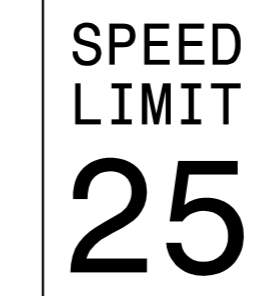
404 QUANTITY REQ'D 1



30" X 36"
R2-1A

ONE "U" POST PER SIGN

405 QUANTITY REQ'D 1



24" X 30"
R2-1B

ONE "U" POST PER SIGN

406 QUANTITY REQ'D 1



12" X 18"
R7-1R

ONE "U" POST PER SIGN

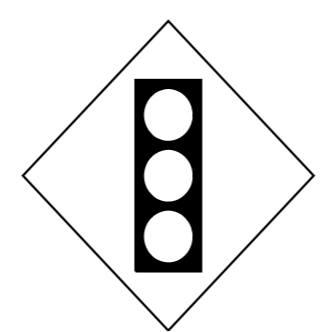
407 QUANTITY REQ'D 3



12" X 18"
R7-1

ONE "U" POST PER SIGN

408 QUANTITY REQ'D 1



30" X 30"
W3-3

ONE "U" POST PER SIGN

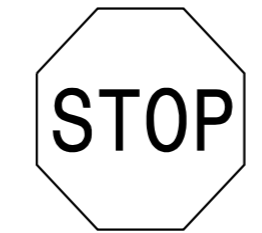
409 QUANTITY REQ'D 1

CAPITAL HILLS DR

42" X 8"
W16-8P

MOUNT BELOW SIGN 408
IN 1 INSTALLATIONS

410 QUANTITY REQ'D 1



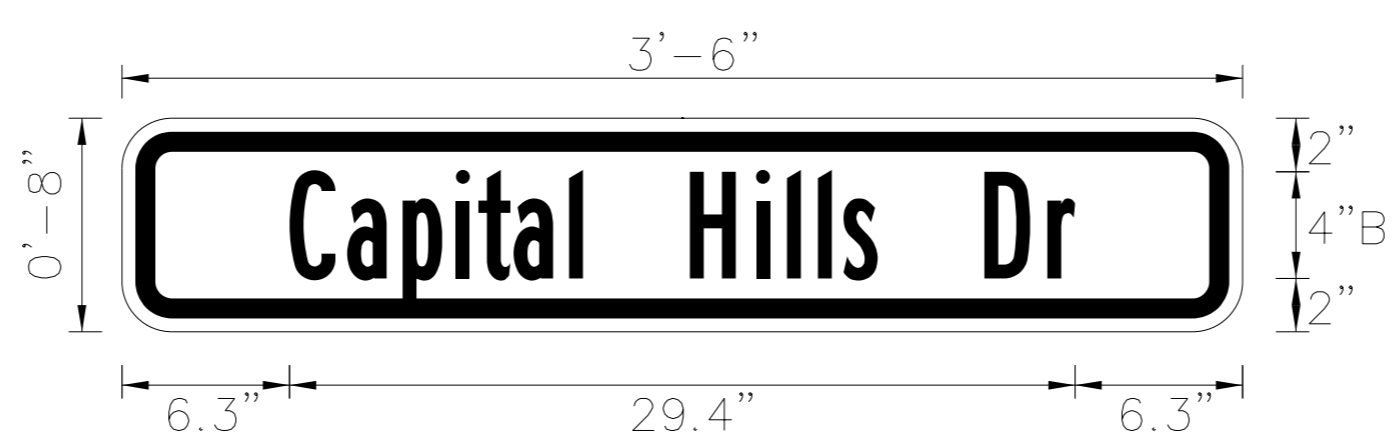
30" X 30"
R1-1

ONE "U" POST PER SIGN

SIGN NUMBER: 409
 TYPE: E
 QUANTITY: 1
 SIGN WIDTH: 3'-0"
 HEIGHT: 0'-8"
 TOTAL AREA: 2.33 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.375"
 WIDTH: 0.375"
 RADII: 1.5"
 NO. Z BARS:
 LENGTH:

SYMBOL	X	Y	WID	HT

DESIGN BY: JRC CHECKED BY: GEB June 2, 2022
 PROJECT ID: P-5720 LOCATION: SIGN-5



- USE NOTES:
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 - Background shall be Grade C reflective sheeting.

BORDER
 R=1.5"
 TH=0.375"
 IN=0.375"

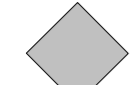


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

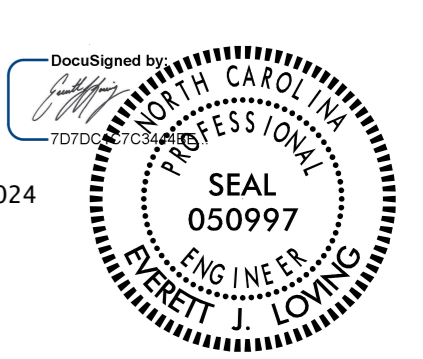
Letter spacings are to start of next letter																Series/Size		
C	a	p	i	t	a	l	H	i	l	l	s	D	r			Text Length		
6.3	2.2	2.1	2	0.8	1.3	2.1	0.5	4	2.5	1.2	1.2	1	1.3	4	2.4	1	6.3	B 2000
																		29.4

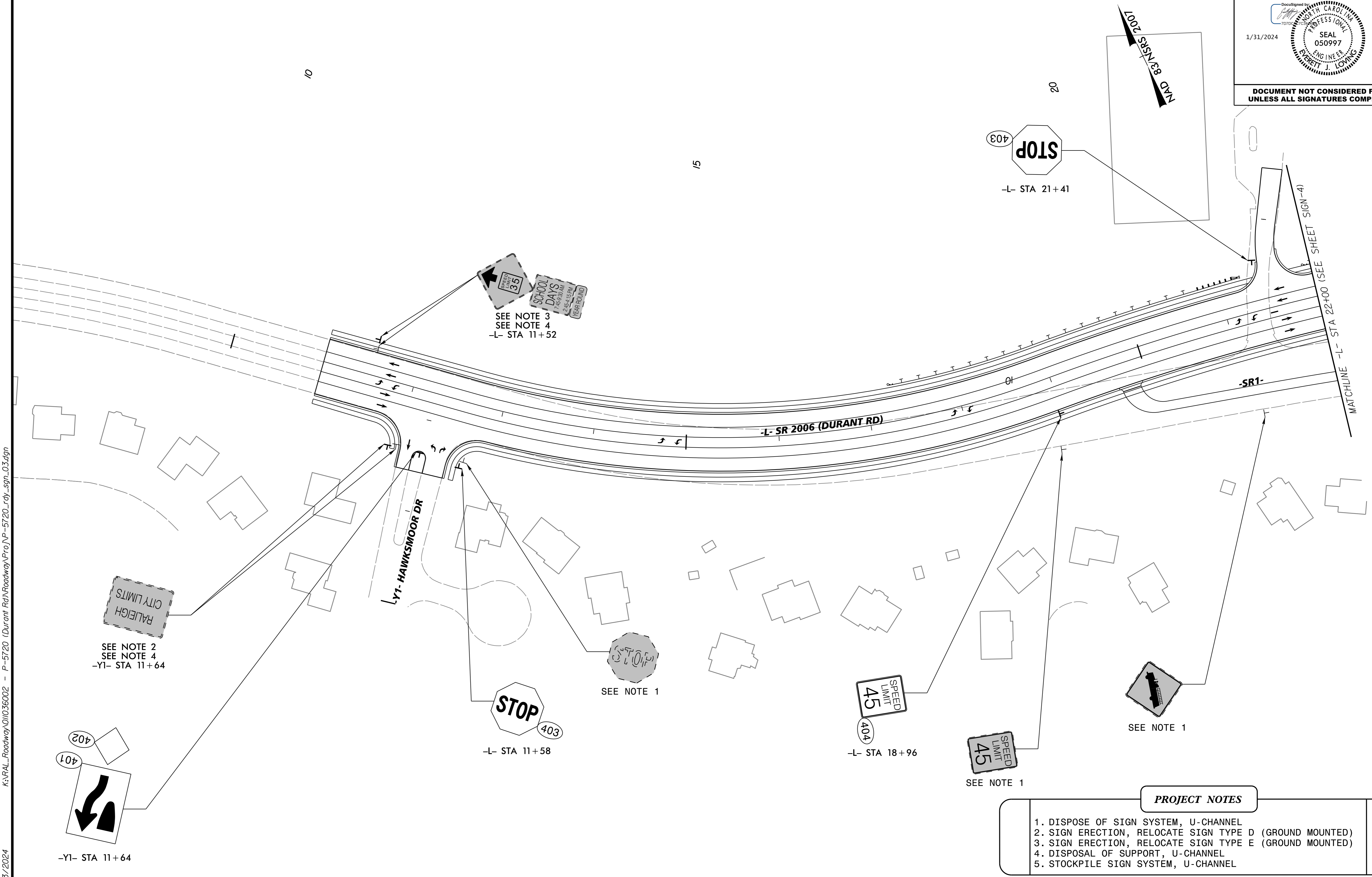
TYPE "E" SIGNS

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

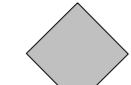


Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, N.C. 27601

TIP NO. P-5720	SHEET NO. SIGN-3
APPROVED: _____	
DATE: _____	
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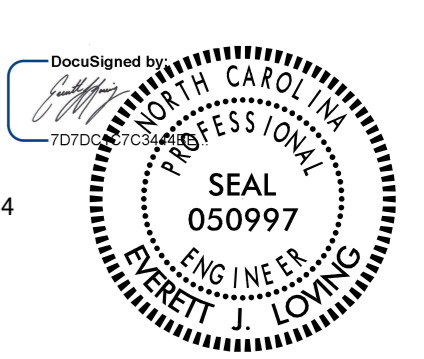


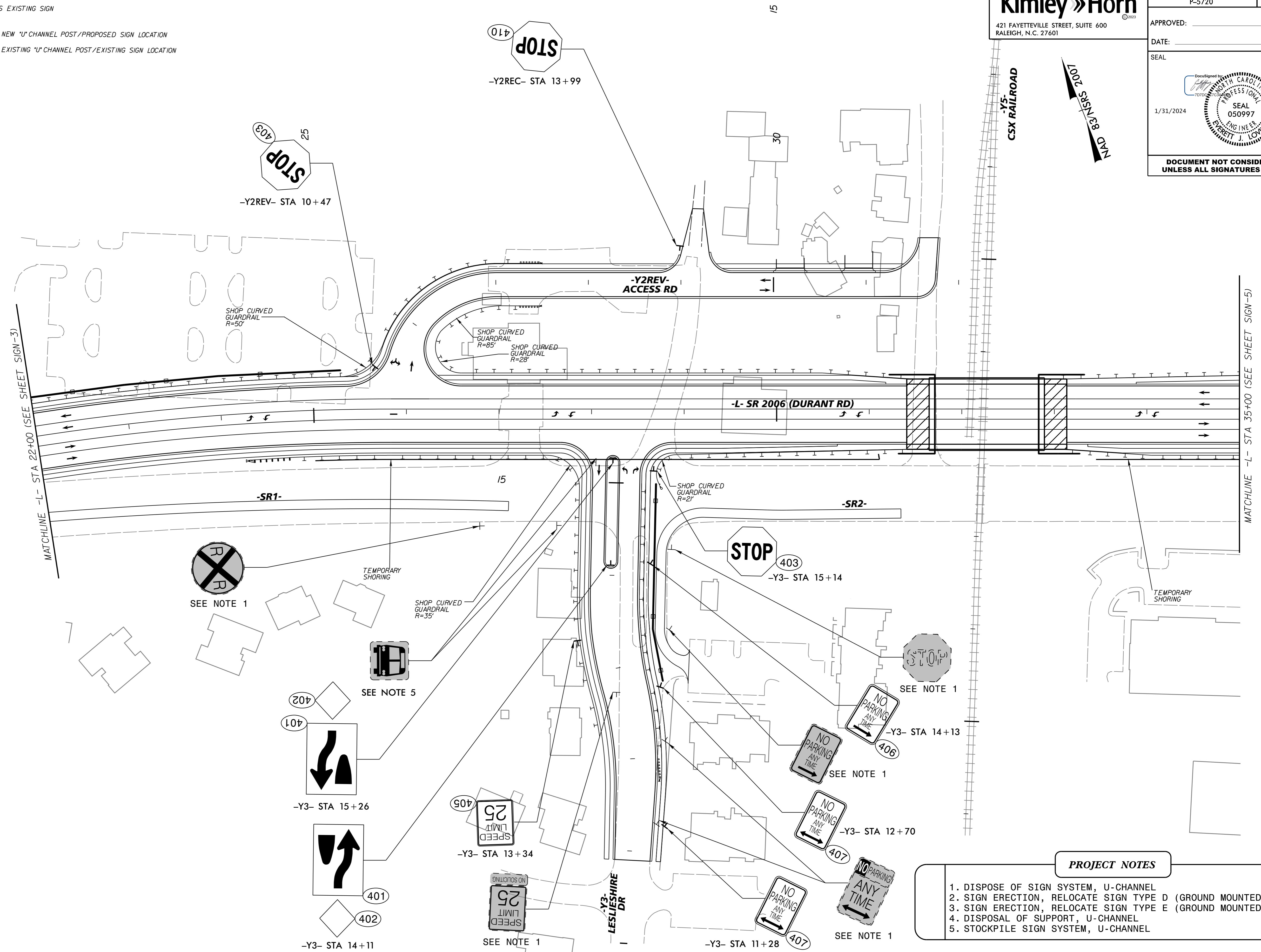
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 1/3/2024

- PROJECT NOTES**
1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
 2. SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)
 3. SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)
 4. DISPOSAL OF SUPPORT, U-CHANNEL
 5. STOCKPILE SIGN SYSTEM, U-CHANNEL

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

Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, N.C. 27601

TIP NO. P-5720	SHEET NO. SIGN-4
APPROVED: _____	
DATE: _____	
SEAL	
	
1/31/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



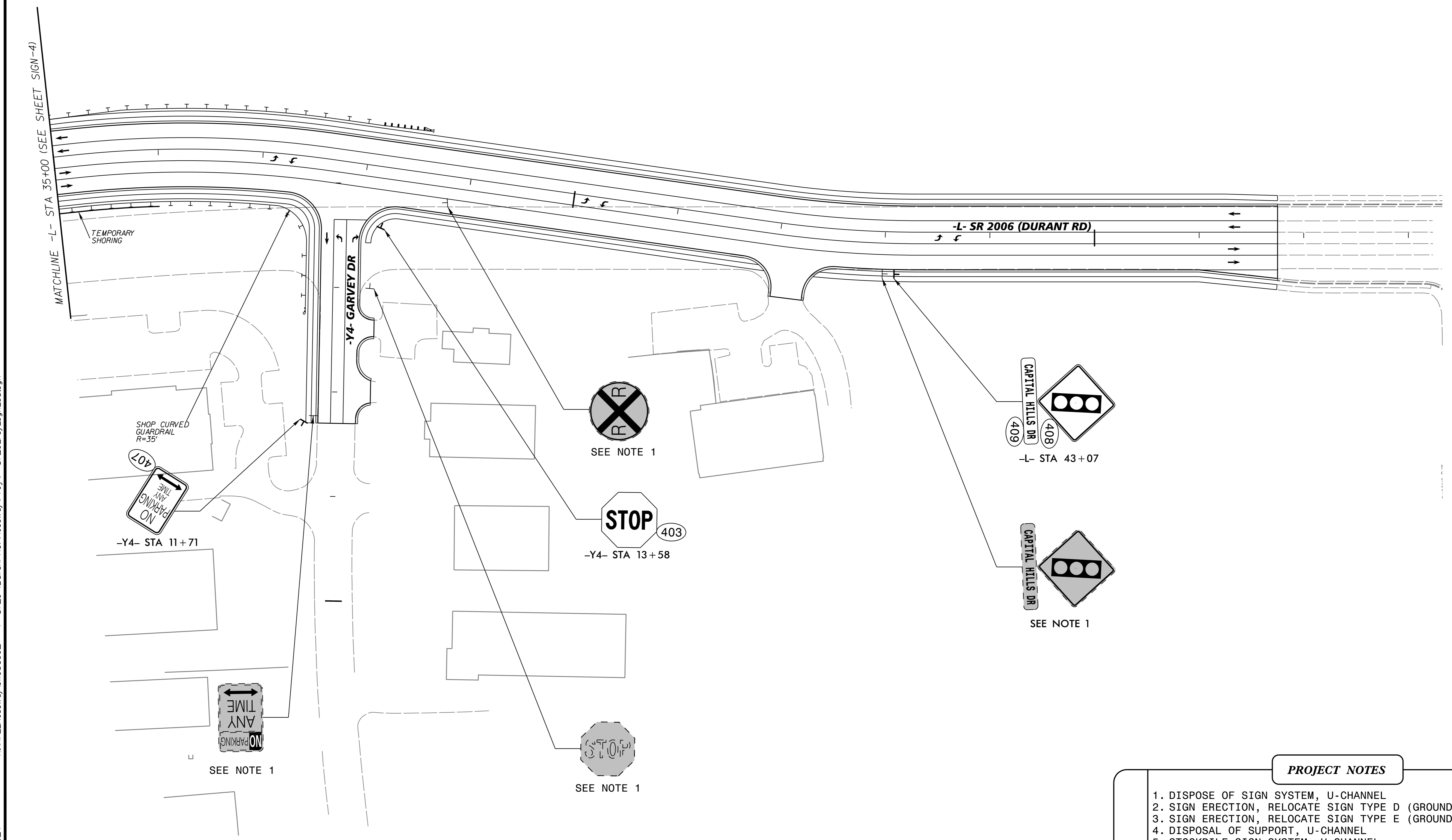
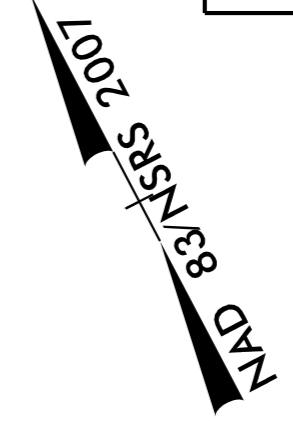
- PROJECT NOTES**
1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
 2. SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)
 3. SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)
 4. DISPOSAL OF SUPPORT, U-CHANNEL
 5. STOCKPILE SIGN SYSTEM, U-CHANNEL

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 1/31/2024

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

Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, N.C. 27601

TIP NO. P-5720	SHEET NO. SIGN-5
APPROVED: _____	
DATE: _____	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT NOTES

1. DISPOSE OF SIGN SYSTEM, U-CHANNEL
2. SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)
3. SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)
4. DISPOSAL OF SUPPORT, U-CHANNEL
5. STOCKPILE SIGN SYSTEM, U-CHANNEL

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