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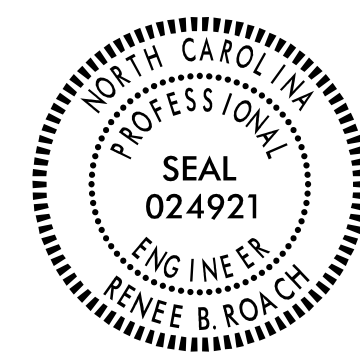
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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
YADKIN COUNTY**

**LOCATION: BRIDGE #90 ON SR 1711 (SPEER BRIDGE RD) OVER US 421**

PROJECT REFERENCE NO. BR-0051	SHEET NO. SIGN-1
APPROVED: <u>Renee B. Roach</u> <small>REG49080316451</small>	
DATE: 04/14/2022	
SEAL 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**T.I.P.: BR--0051**

**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

**GENERAL NOTES**

- . SIGNS FURNISHED BY STATE
- . 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.

**SUMMARY OF QUANTITIES**

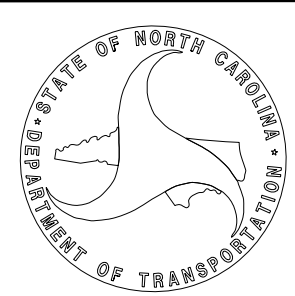
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	667	L.F.
4096000000	904	SIGN ERECTION, TYPE D	6	EA.
4102000000	904	SIGN ERECTION, TYPE E	18	EA.
4108000000	904	SIGN ERECTION, TYPE F	6	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	23	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA.

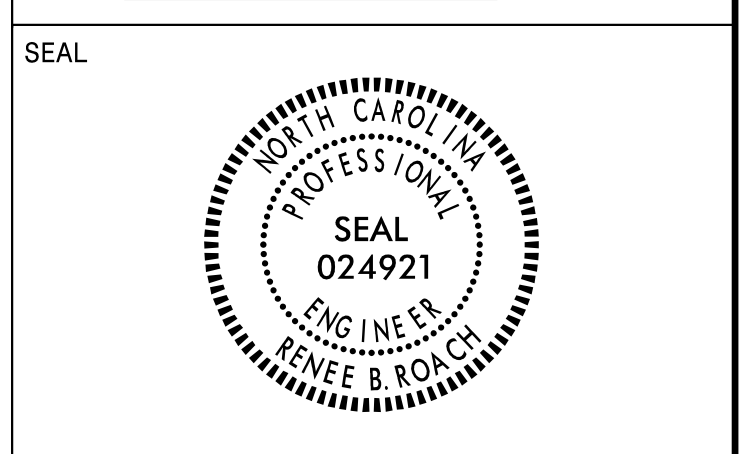
**INDEX**

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	E & F SHEET
SIGN-3-3A	SIGN DESIGN SHEETS
SIGN-4 & 5	SIGNING PLAN SHEETS

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

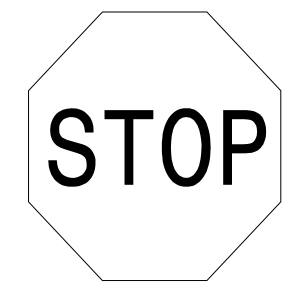
KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER  
WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER





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

401 QUANTITY REQ'D 4



30" X 30"  
R1-1

ONE "U" POST PER SIGN

406 QUANTITY REQ'D 2

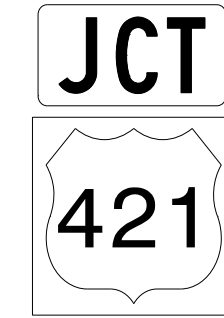


54" X 18"  
R6-1 (L)

MOUNT BACK TO BACK WITH SIGN 406  
IN 2 INSTALLATIONS

505

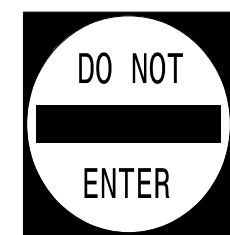
506



21" X 15"  
30" X 24"

ONE "U" POST PER SIGN

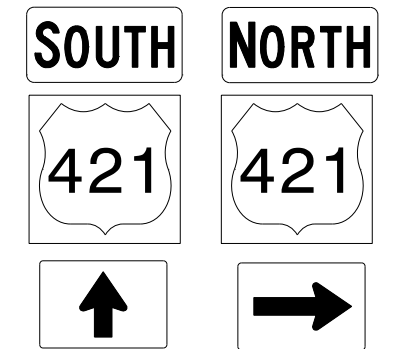
402 QUANTITY REQ'D 4



30" X 30"  
R5-1

MOUNT BACK TO BACK WITH SIGN 401  
IN 4 INSTALLATIONS

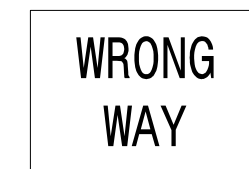
501



2 - 24" X 12"  
2 - 30" X 24"  
2 - 21" X 15"

TWO "U" POSTS PER SIGN

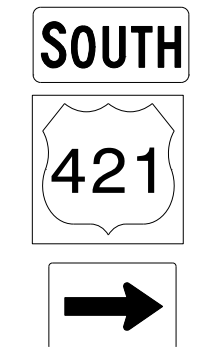
403 QUANTITY REQ'D 4



36" X 24"  
R5-1a

ONE "U" POST PER SIGN

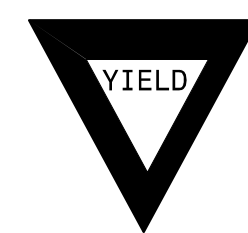
502



24" X 12"  
30" X 24"  
21" X 15"

ONE "U" POST PER SIGN

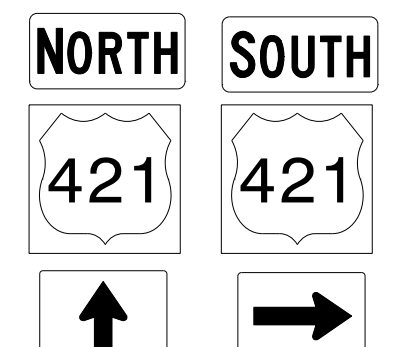
404 QUANTITY REQ'D 2



36" X 36" X 36"  
R1-2

ONE "U" POST PER SIGN

503



2 - 24" X 12"  
2 - 30" X 24"  
2 - 21" X 15"

TWO "U" POSTS PER SIGN

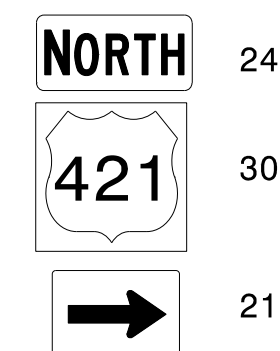
405 QUANTITY REQ'D 2



54" X 18"  
R6-1 (R)

TWO "U" POSTS PER SIGN

504



24" X 12"  
30" X 24"  
21" X 15"

ONE "U" POST PER SIGN

**TYPE "E" & "F" SIGNS**

SIGN NUMBER: 301	BACKG COLOR: Green/Green	DESIGN BY: W. Johnson	CHECKED BY: KLJ	Mar 07, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: BR-0051	LOCATION: SPEER BRIDGE RD US 421	DIV: 11

SYMBOL	X	Y	WID	HT
AR_Type D	14.13	17	6	9
AR_Type D	63.21	4	6	9

QUANTITY: 1  
SIGN WIDTH: 78"  
HEIGHT: 30"  
TOTAL AREA: 6.3 Sq.Feet(\*)

BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 1"  
RADI: 3"

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

USE NOTES:  
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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
26.13	6.12	2.16	2.16	4.32	4.02	3.6	4.32	4.62	2.76	3.66		14.13	D 2000		
W i l k e s b o r o													37.74		
5.79	6.12	2.16	4.32	3.06	2.82	4.62	4.26	2.58	4.68	4.56	1.92	4.38	5.94	20.79	D 2000
W i n s t o n - S a l e m													51.42		

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302	BACKG COLOR: Green / Green	DESIGN BY: W. Johnson	CHECKED BY: KLJ	Mar 07, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: BR-0051	LOCATION: SPEER BRIDGE RD US 421	DIV: 11

SYMBOL	X	Y	WID	HT
AR_Type D	7.29	17	6	9
AR_Type D	56.37	4	6	9

QUANTITY: 1  
SIGN WIDTH: 78"  
HEIGHT: 30"  
TOTAL AREA: 6.3 Sq.Feet(\*)

BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 1"  
RADI: 3"

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

USE NOTES:  
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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
19.29	6.12	2.16	4.32	3.06	2.82	4.62	4.26	2.58	4.68	4.56	1.92	4.38	5.94	7.29	D 2000
W i n s t o n - S a l e m													51.42		
12.63	6.12	2.16	2.16	4.32	4.02	3.6	4.32	4.62	2.76	3.66					D 2000
W i l k e s b o r o													37.74		

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303	BACKG COLOR: Green	DESIGN BY: W. Johnson	CHECKED BY: KLJ	Mar 07, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: BR-0051	LOCATION: SPEER BRIDGE RD US 421	DIV: 11

SYMBOL	X	Y	WID	HT
AR_Type D	6.63	6	6	9

QUANTITY: 1  
SIGN WIDTH: 66"  
HEIGHT: 18"  
TOTAL AREA: 8.3 Sq.Feet(\*)

BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 1"  
RADI: 3"

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

USE NOTES:  
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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
21.63	6.12	2.16	2.16	4.32	4.02	3.6	4.32	4.62	2.76	3.66		6.63	D 2000
W i l k e s b o r o													37.74

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 304	BACKG COLOR: Green	DESIGN BY: W. Johnson	CHECKED BY: KLJ	Mar 07, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: BR-0051	LOCATION: SPEER BRIDGE RD US 421	DIV: 11

SYMBOL	X	Y	WID	HT
AR_Type D	5.79	6	6	9

QUANTITY: 1  
SIGN WIDTH: 78"  
HEIGHT: 18"  
TOTAL AREA: 8.8 Sq.Feet(\*)

BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 1"  
RADI: 3"

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

USE NOTES:  
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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
													Text Length		
20.79	6.12	2.16	4.32	3.06	2.82	4.62	4.26	2.58	4.68	4.56	1.92	4.38	5.94	5.79	D 2000
W i n s t o n - S a l e m													51.42		

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

04/14/22 R:\Tr-office\Signing\CADD\Signing Layout Plans\BR-0051-Sgn-Title Sheet.dgn User:walterjohnson



TIP NO.	SHEET NO.
BR - 0051	SIGN - 3A
Approved by: <i>Renee B. Roach</i> <small>SEAL 024921</small>	
DATE: 04/14/2022	
SEAL	

SIGN NUMBER: 305 TYPE: D QUANTITY: 1 SIGN WIDTH: 72" HEIGHT: 30" TOTAL AREA: 5.0 Sq. Feet(") BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <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>5.94</td> <td>12</td> <td>6</td> <td>9</td> </tr> </table> MATL: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	5.94	12	6	9	DESIGN BY: W. Johnson PROJECT ID: BR-0051 CHECKED BY: KLJ LOCATION: SPEER BRIDGE RD US 421 Mar 11, 2022 DIV: 11
SYMBOL	X	Y	WID	HT								
AR_Type D	5.94	12	6	9								

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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size Text Length
F	o	r	b	u	s	h							D 2000
29.55	4.26	4.62	3	4.5	4.38	3.6	3.54	14.55					27.9
H	i	g	h	S	c	h	o	o	l				D 2000
20.94	5.4	1.92	4.8	3.54	6	4.74	4.32	4.44	4.38	4.62	0.96	5.94	45.12

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 306 TYPE: D QUANTITY: 1 SIGN WIDTH: 72" HEIGHT: 30" TOTAL AREA: 5.0 Sq. Feet(") BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <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>57.06</td> <td>12</td> <td>6</td> <td>9</td> </tr> </table> MATL: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT	AR_Type D	57.06	12	6	9	DESIGN BY: W. Johnson PROJECT ID: BR-0051 CHECKED BY: KLJ LOCATION: SPEER BRIDGE RD US 421 Mar 11, 2022 DIV: 11
SYMBOL	X	Y	WID	HT								
AR_Type D	57.06	12	6	9								

USE NOTES:

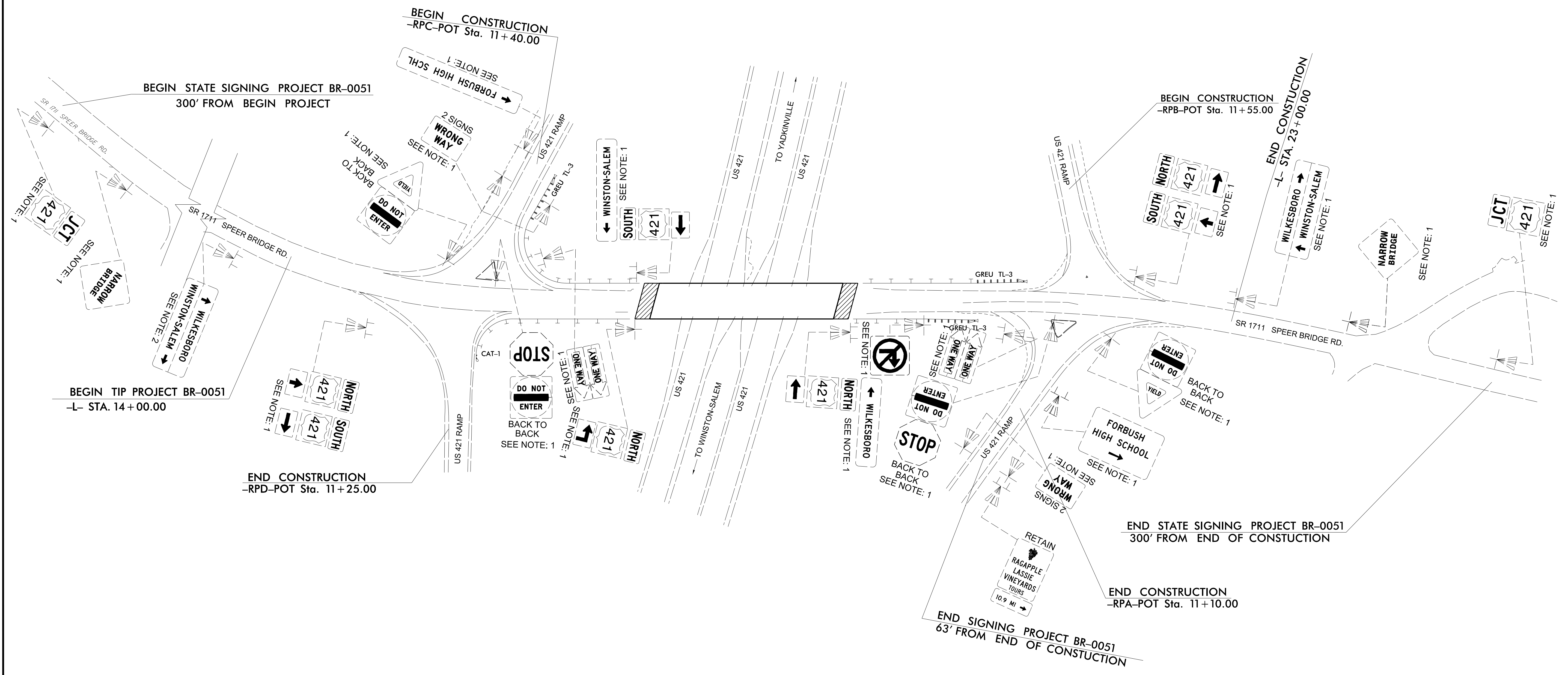
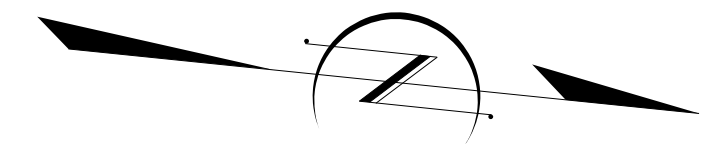
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size Text Length
F	o	r	b	u	s	h							D 2000
14.55	4.26	4.62	3	4.5	4.38	3.6	3.54	29.55					27.9
H	i	g	h	S	c	h	o	o	l				D 2000
5.94	5.4	1.92	4.8	3.54	6	4.74	4.32	4.44	4.38	4.62	0.96	20.94	45.12

Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN DESIGN**



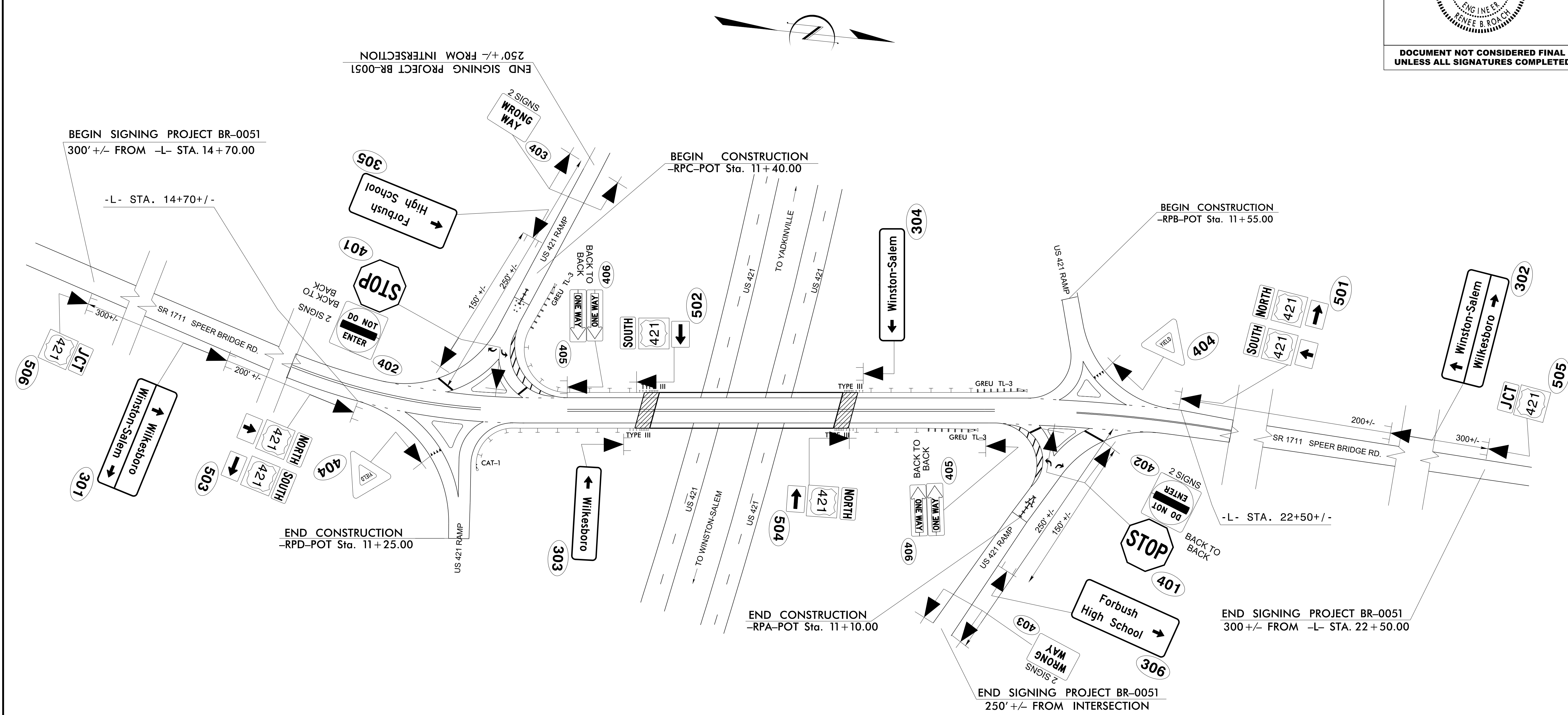
**PROJECT NOTES**

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. DISPOSAL OF SIGN SYSTEM, WOOD

**EXISTING SIGN DETAIL**

04/14/22  
 P:\Traffic\Signing\CADD\Signing Layout Plans\BR-0051\_Sgn\_Existing Signs.dgn  
 User: rwalkerjohnson





**PROPOSED SIGNS DETAIL**

04/14/22  
 P:\Traffic\Signing\CADD\Signing Layout Plans\BR-0051\_Sgn\_Proposed Signs.dgn  
 User: rwojterjohnson