

**T.I.P.: B-5985A**



**CONTRACT: C204764**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN**

**ROBESON COUNTY**

**LOCATION: BRIDGE NO. 770125 OVER LUMBER RIVER ON NC 41/72  
& BRIDGE NO. 770175 OVER LUMBER RIVER ON SR 1600**

TIP NO. B-5985A	SHEET NO. SIGN-1
Approved by: <u>Betsy L. Watson</u> <small>35E87BB34F8743F</small> DATE: 2/2/2023	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

**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
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.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**SUMMARY OF QUANTITIES**

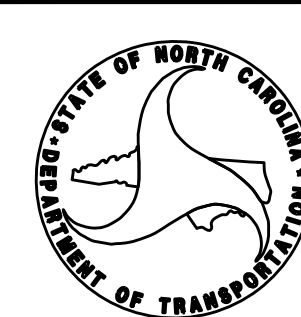
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4072000000	903	317	L.F.
			SUPPORTS, 3 LB STEEL U-CHANNEL .....
4096000000	904	2	EA.
4102000000	904	15	EA.
4108000000	904	1	EA.
4116100000	904	2	EA.
4116100000	904	3	EA.
4155000000	907	14	EA.
4192000000	907	3	EA.
			DISPOSAL OF SIGN SYSTEM, U-CHANNEL .....
			DISPOSAL OF SUPPORT, U-CHANNEL .....

**INDEX**

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

**PLAN SUBMITTED TO:**

Ayman I. Alqudwah, P.E. Signing & Delineation Regional Engineer  
Mitch Eaton, P.E. Signing & Delineation Project Design Engineer



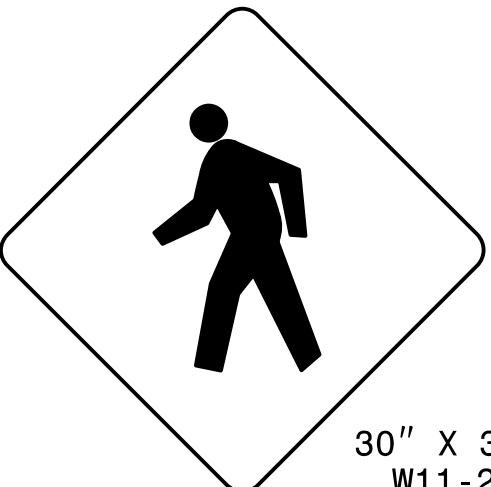

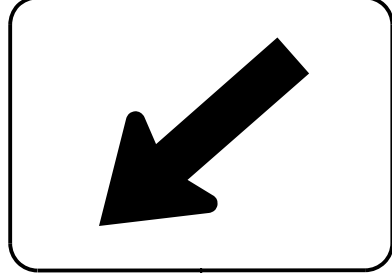




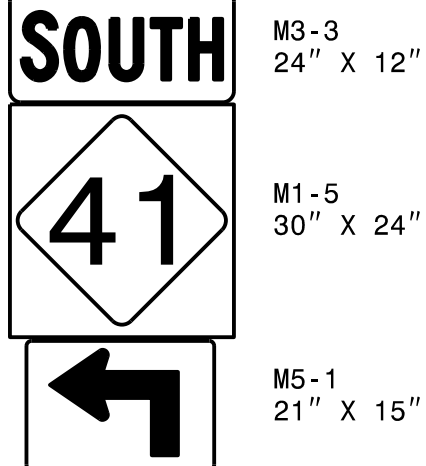
Stantec Consulting Services Inc.  
 801 Jones Franklin Road  
 Suite 300  
 Raleigh, NC 27606  
 Tel. (919) 851-6866  
 Fax. (919) 851-7024  
 www.stantec.com  
 License No. F-0672

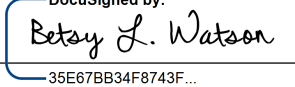

**PLAN PREPARED BY: Stantec Consulting Services, Inc.**


Betsy L. Watson, PE Senior Principal  
Regina Muncey, PE Transportation Engineer  
James Hambright Senior Transportation Technician



\$\$\$SYTIME\$\$\$\$  
 \$\$\$DCN\$\$\$\$  
 \$\$\$USERNAME\$\$\$\$

<p>④01 QUANTITY REQ'D 4</p>  <p>30" X 30" W11-2</p> <p>ONE "U" POST PER SIGN</p>	<p>④02 QUANTITY REQ'D 2</p>  <p>24" X 12" W16-9P</p> <p>(MOUNT BELOW SIGN #401 IN 4 INSTALLATIONS)</p>	<p>④03 QUANTITY REQ'D 2</p>  <p>24" X 12" W16-7P</p> <p>(MOUNT BELOW SIGN #401 IN 4 INSTALLATIONS)</p>	<p>④04 QUANTITY REQ'D 1</p>  <p>24" X 30" R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>④05 QUANTITY REQ'D 1</p>  <p>12" X 36" OM3-L</p> <p>ONE "U" POST PER SIGN</p>	<p>④06 QUANTITY REQ'D 3</p>  <p>24" X 30" R8-3a</p> <p>ONE "U" POST PER SIGN</p>
<p>④07 QUANTITY REQ'D 2</p>  <p>36" X 36" R1-5</p> <p>ONE "U" POST PER SIGN</p>	<p>⑤01 QUANTITY REQ'D 1</p>  <p>M3-3 24" X 12" M1-5 30" X 24" M5-1 21" X 15"</p> <p>ONE "U" POST PER SIGN</p>				


TIP NO. B-5985A	SHEET NO. SIGN-2
APPROVED:  DATE: 2/2/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



**SIGN NUMBER: 301**      PROJECT ID: B-5985      CHECKED BY: Name      DIVISION: 6  
 TYPE: D      DESIGN BY: James Hambricht      DATE: Nov 04, 2021  
 QUANTITY: 1      LOCATION: Approximately @ -L1- Sta.17+75 (RT)

SYMBOL	X	Y	WID	HT

BACKG COLOR: Green  
COPY COLOR: White  
SIGN WIDTH: 6'-6"  
HEIGHT: 2'-6"  
TOTAL AREA: 16.3 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADIO: 3"  
MAT'L: 0.125" (3.2 mm) ALUMINUM  
No. Z BARS:      LENGTH:      NOTES:  
1. Legend and border shall be direct applied, Grade "c" sheeting (except those that are colored black).  
2. Background shall be Grade "c" reflective sheeting.



BORDER R=3" TH=0.75"      Spacing Factor is 1 unless specified otherwise

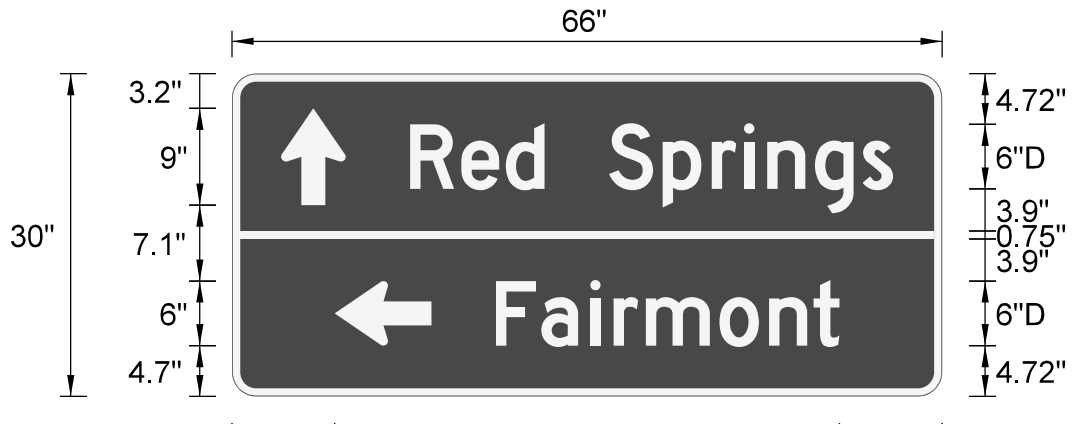
LETTER POSITIONS													Series/Size	Text Length		
Letter spacings are to start of next letter																
6.4	4.6	2.2	1.7	3.5	4.6	4.3	3.8	3.1	4.1	2.8	4.1	7.5	3.5	21.7	D 2000	49.9
62.3	5.1	4.1	6.5												D 2000	9.2
6.4	5.8	4.6	2.2	1.9	4.3	4.1	3.5	45.3							D 2000	26.3
62.3	5.3	4.1	6.4												D 2000	9.4

FILENAME: B-5985 Sign Designs      NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN NUMBER: 302**      PROJECT ID: B-5985      CHECKED BY: Name      DIVISION: 6  
 TYPE: D      DESIGN BY: James Hambricht      DATE: Nov 04, 2021  
 QUANTITY: 1      LOCATION: Approximately @ -L1- Sta.18+00 (LT)

SYMBOL	X	Y	WID	HT
AR_Type D	4.6	17.8	6	9
AR_Type D	9.5	4.7	6	9

BACKG COLOR: Green / Green  
COPY COLOR: White  
SIGN WIDTH: 5'-6"  
HEIGHT: 2'-6"  
TOTAL AREA: 13.8 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADIO: 2.25"  
MAT'L: 0.125" (3.2 mm) ALUMINUM  
No. Z BARS:      LENGTH:      NOTES:  
1. Legend and border shall be direct applied, Grade "c" sheeting (except those that are colored black).  
2. Background shall be Grade "c" reflective sheeting.





BORDER R=2.25" TH=0.75"      Spacing Factor is 1 unless specified otherwise

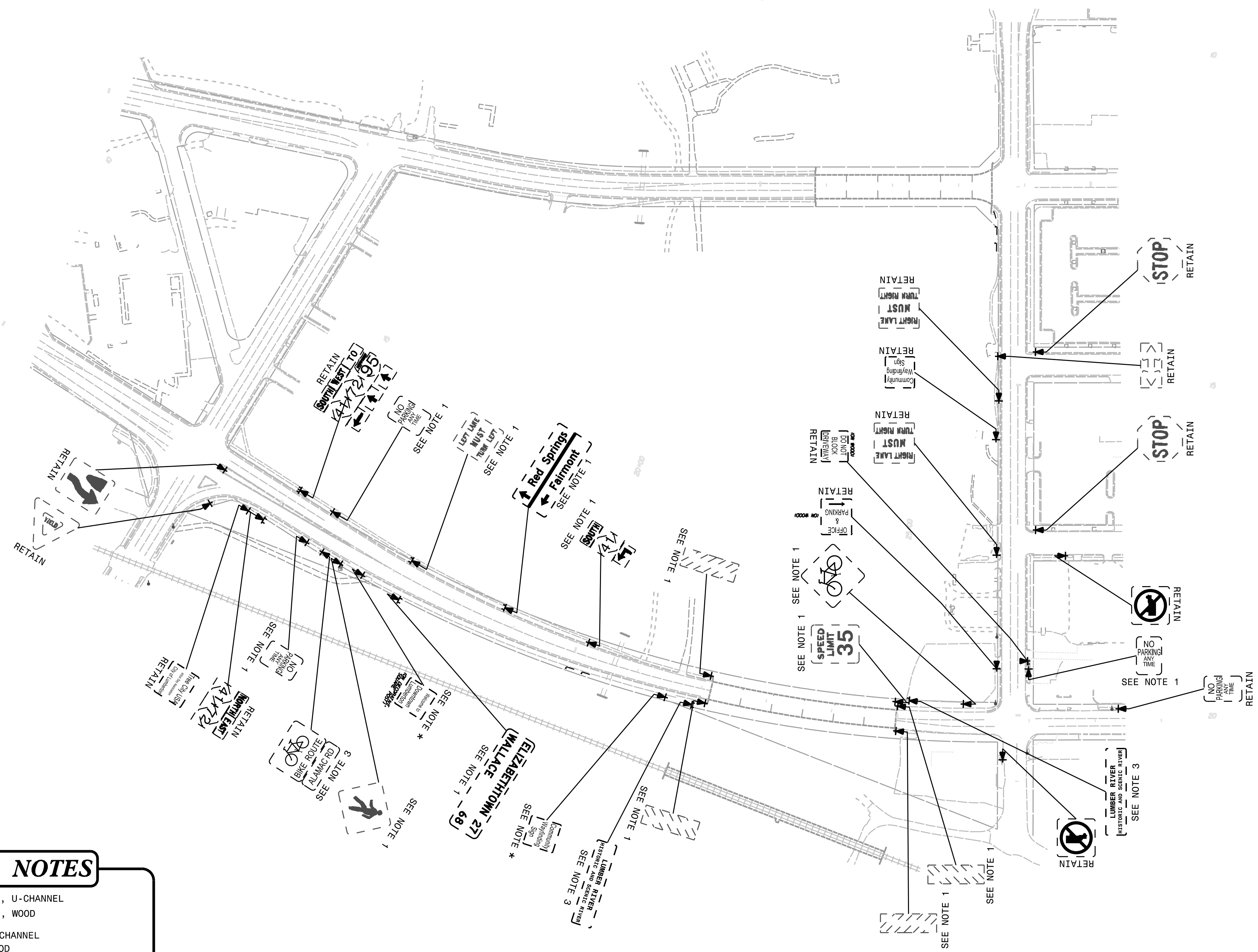
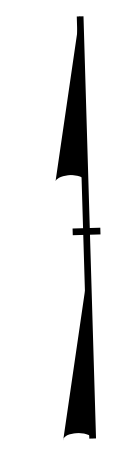
LETTER POSITIONS													Series/Size	Text Length		
Letter spacings are to start of next letter																
16.6	4.7	4.1	3.6	6	5	4.6	3	2.2	4.4	4.4	2.8	4.6			D 2000	44.9
24.5	4.2	4.6	2.2	3	6.8	4.6	4.1	2.4	9.5						D 2000	31.9

FILENAME: B-5985 Sign Designs      NORTH CAROLINA D.O.T. SIGN DETAIL

\$\$\$SYTIME\$\$\$\$\$  
 \$\$\$DGN\$\$\$\$\$  
 \$\$\$USERNAME\$\$\$\$\$

TYPE D, E, & F SIGNS

TIP NO.	SHEET NO.
B-5985A	SIGN-3
APPROVED:	<i>Betsy L. Watson</i> 2/2/2023
DATE:	
SEAL	
	
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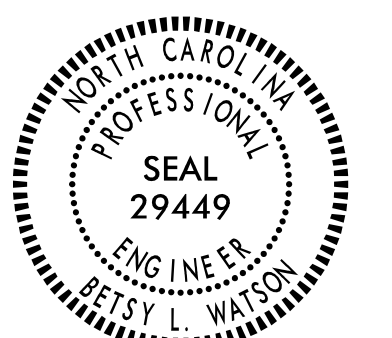



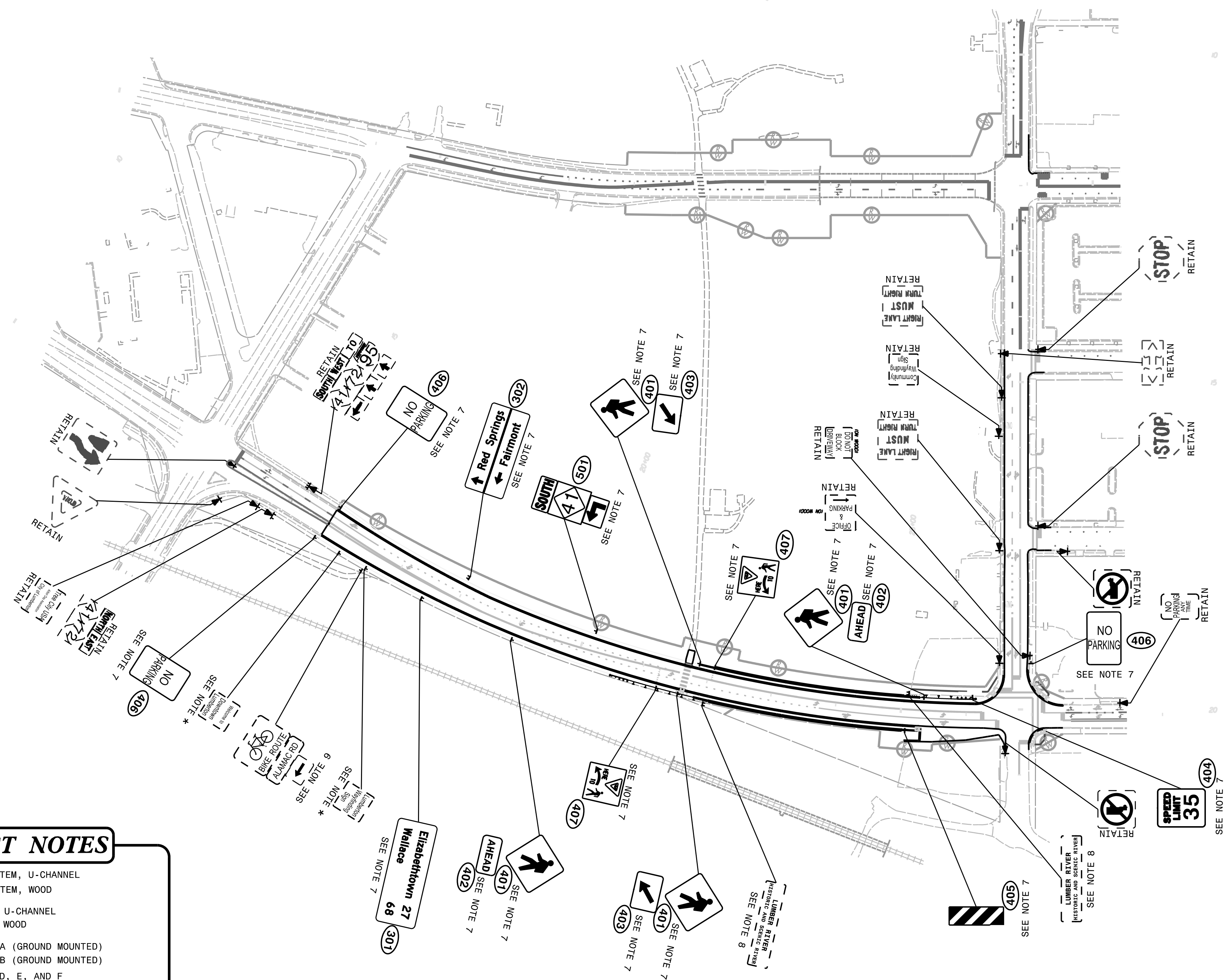
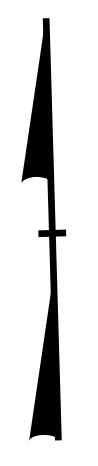
### PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN SYSTEM, WOOD
- 3 DISPOSAL OF SUPPORT, U-CHANNEL
- 4 DISPOSAL OF SUPPORT, WOOD
- 5 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 6 SIGN ERECTION, TYPE B (GROUND MOUNTED)
- 7 SIGN ERECTION, TYPE D, E, AND F
- 8 SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)
- 9 SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)
- \* SIGN ERECTION, RELOCATE EXISTING SIGN AND DECORATIVE SUPPORT

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\$\$\$\$\$USERNAM\$\$\$\$\$

EXISTING SIGNING

TIP NO. B-5985A	SHEET NO. SIGN-4
APPROVED: <i>Betsy L. Watson</i> <small>SE07BBS4F8743F...</small>	
DATE: 2/2/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	



### PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN SYSTEM, WOOD
- 3 DISPOSAL OF SUPPORT, U-CHANNEL
- 4 DISPOSAL OF SUPPORT, WOOD
- 5 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 6 SIGN ERECTION, TYPE B (GROUND MOUNTED)
- 7 SIGN ERECTION, TYPE D, E, AND F
- 8 SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)
- 9 SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)
- \* SIGN ERECTION, RELOCATE EXISTING SIGN AND DECORATIVE SUPPORT

\$\$\$\$\$SYTIME\$\$\$\$\$  
 \$\$\$DDGN\$\$\$\$\$  
 \$\$\$USERNAME\$\$\$\$\$

PROPOSED SIGNING