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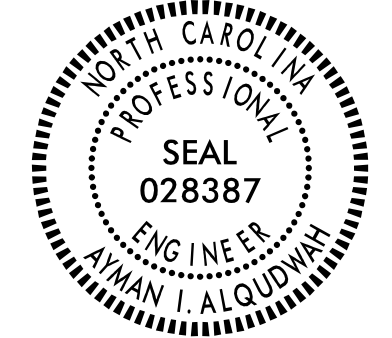
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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
JOHNSTON COUNTY**

**LOCATION: NEW LOCATION FROM SR-1560 (RANCH ROAD)  
TO THE US-70 BUS. & NC-42 INTERSECTION.**

<small>PROJECT REFERENCE NO.</small> U-6223	<small>SHEET NO.</small> SIGN-1
<small>DocuSigned by:</small> <i>Ayman Alqudwah</i> <small>F32AC5CAF968472</small>	
<small>APPROVED:</small>	
<small>DATE:</small> 04/17/2022	
<small>SEAL</small>	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**T.I.P.: U-6223**

**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:

<u>STD. NO.</u>	<u>TITLE</u>
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**

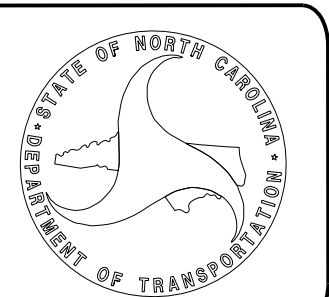
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	479	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	22	EA.
4108000000	904	SIGN ERECTION, TYPE F	28	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	21	EA.

**INDEX**

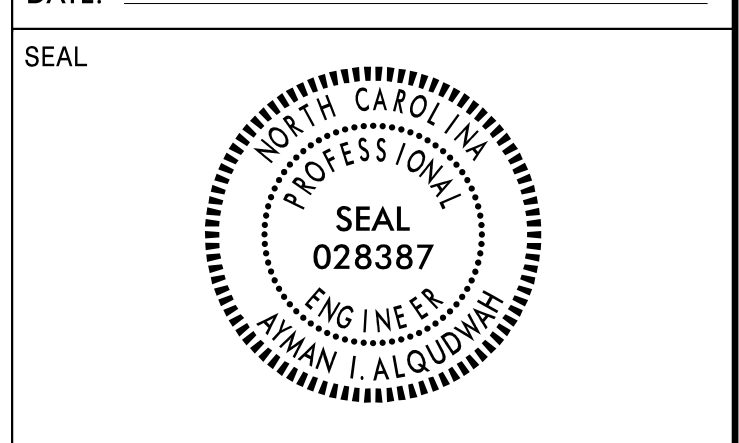
<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2	SIGN DESIGNS
SIGN-3	E AND F SIGNS
SIGN-4-5	SIGNING PLAN SHEETS

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

<u>AYMAN ALQUDWAH, PE, CPM</u>	SIGNING & DELINEATION REGIONAL ENGINEER
<u>DERRICK BEARD</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



**CONTRACT:**



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

SIGN NUMBER: 301	BACKG COLOR: Green / Green	DESIGN BY: D. BEARD	CHECKED BY: A. ALQUDWAH	Mar 31, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: U-6223	LOCATION:	DIV: 4
QUANTITY: 1				

SYMBOL	X	Y	WID	HT
AR_Type D	12.1	19.3	6	9
AR_Type D	49.4	4.7	6	9

SIGN WIDTH: 5'-6"      HEIGHT: 2'-6"      TOTAL AREA: 13.8 Sq.Ft.

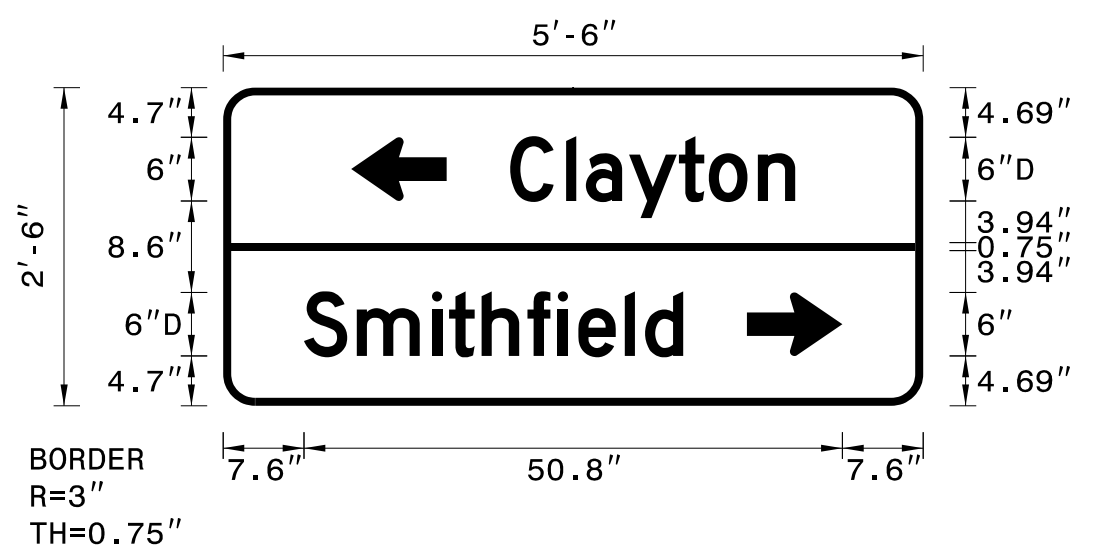
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADII: 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS:      LENGTH:

**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=3" TH=0.75"

Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

Letter spacings are to start of next letter												Series/Size	Text Length
C	l	a	y	t	o	n						D 2000	26.9
27.1	5.3	1.9	4.1	4.7	2.8	4.6	3.5	12.1					
S	m	i	t	h	f	i	e	l	d			D 2000	35.8
7.6	5	7.1	1.6	3.1	4.3	2.9	1.9	4.4	1.9	3.6	22.6		

FILENAME: Guidsign\_Shuttle NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302	BACKG COLOR: Green	DESIGN BY: D. BEARD	CHECKED BY: A. ALQUDWAH	Mar 31, 2022
TYPE: D	COPY COLOR: White	PROJECT ID: U-6223	LOCATION:	DIV: 4
QUANTITY: 1				

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"      HEIGHT: 2'-0"      TOTAL AREA: 6.0 Sq.Ft.


BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADII: 3.00"

MAT'L: 0.125" (3.2 mm) ALUMINUM

NO. Z BARS:      LENGTH:

**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=3.00" TH=0.75"

Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

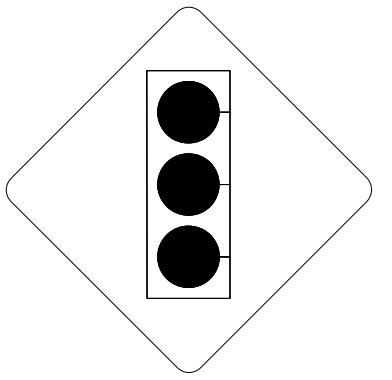
Letter spacings are to start of next letter												Series/Size	Text Length
W	E	L	C	O	M	E	T	O				C 2000	22.1
7	2.7	2	1.9	2.2	2.4	2.6	1.5	3	1.9	1.8	7		
C	L	A	Y	T	O	N						D 2000	28.9
3.6	4.5	3.4	4.6	4.6	3.8	4.6	3.4	3.6					
C	I	T	Y	L	I	M	I	T				C 2000	17.8
9.1	2.3	0.8	1.7	1.9	3	2	1.1	2.6	0.8	1.5	9.1		

FILENAME: Guidsign\_Shuttle NORTH CAROLINA D.O.T. SIGN DETAIL

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## SIGN DESIGNS

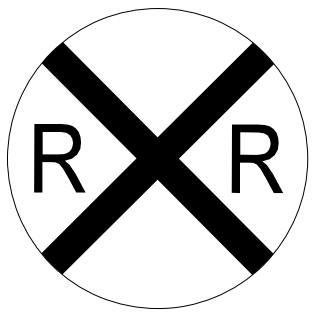
401 QUANTITY REQ'D 7



30" X 30"  
W3-3

ONE "U" POST PER SIGN

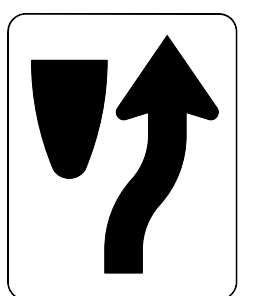
406 QUANTITY REQ'D 1



36" X 36"  
R2-1

ONE "U" POST PER SIGN


411 QUANTITY REQ'D 1



24" X 30"  
R4-7

ONE "U" POST PER SIGN


402 QUANTITY REQ'D 2



36" X 36"  
R3-7

ONE "U" POST PER SIGN

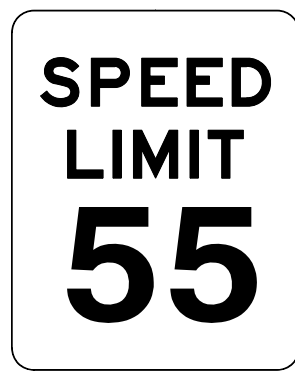
407 QUANTITY REQ'D 1



36" X 36"  
R5-2

ONE "U" POST PER SIGN

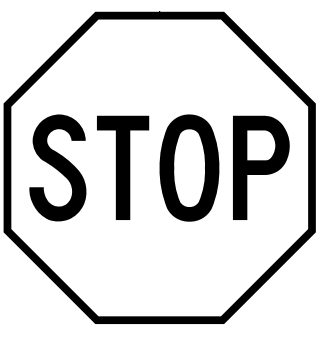
403 QUANTITY REQ'D 1



24" X 30"  
R2-1

ONE "U" POST PER SIGN

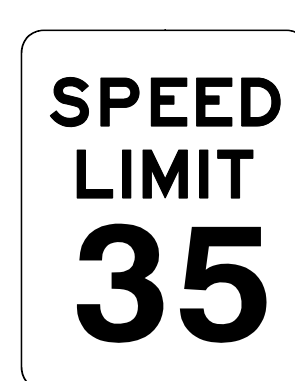
408 QUANTITY REQ'D 1



36" X 36"  
R1-1

ONE "U" POST PER SIGN


404 QUANTITY REQ'D 1



24" X 30"  
R2-1

ONE "U" POST PER SIGN


409 QUANTITY REQ'D 1



36" X 12"  
R6-1(L)

TWO "U" POSTS PER SIGN

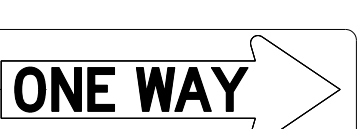
405 QUANTITY REQ'D 4



24" X 30"  
R2-1

ONE "U" POST PER SIGN

410 QUANTITY REQ'D 2



36" X 12"  
R6-1(R)

TWO "U" POSTS PER SIGN  
MOUNT 2 SIGNS BACK TO BACK  
IN ONE INSTALLATION

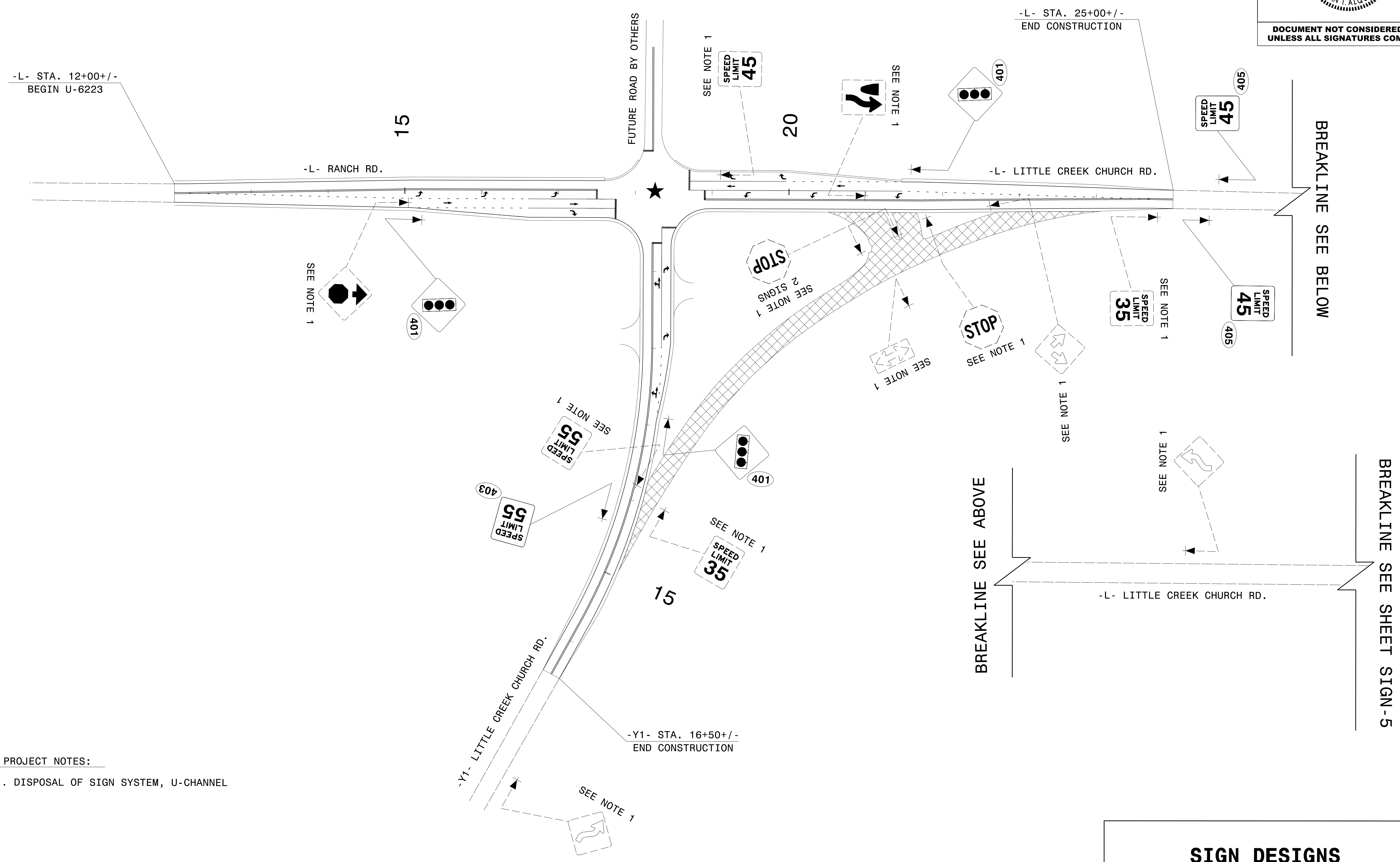
501

24" X 12"	WEST	EAST	24" X 12"
24" X 24"	42	42	24" X 24"
21" X 15"	←	↑	21" X 15"
24" X 12"	WEST	EAST	24" X 12"
24" X 12"	BUSINESS	BUSINESS	24" X 12"
24" X 24"	70	70	24" X 24"
21" X 15"	←	→	21" X 15"

502

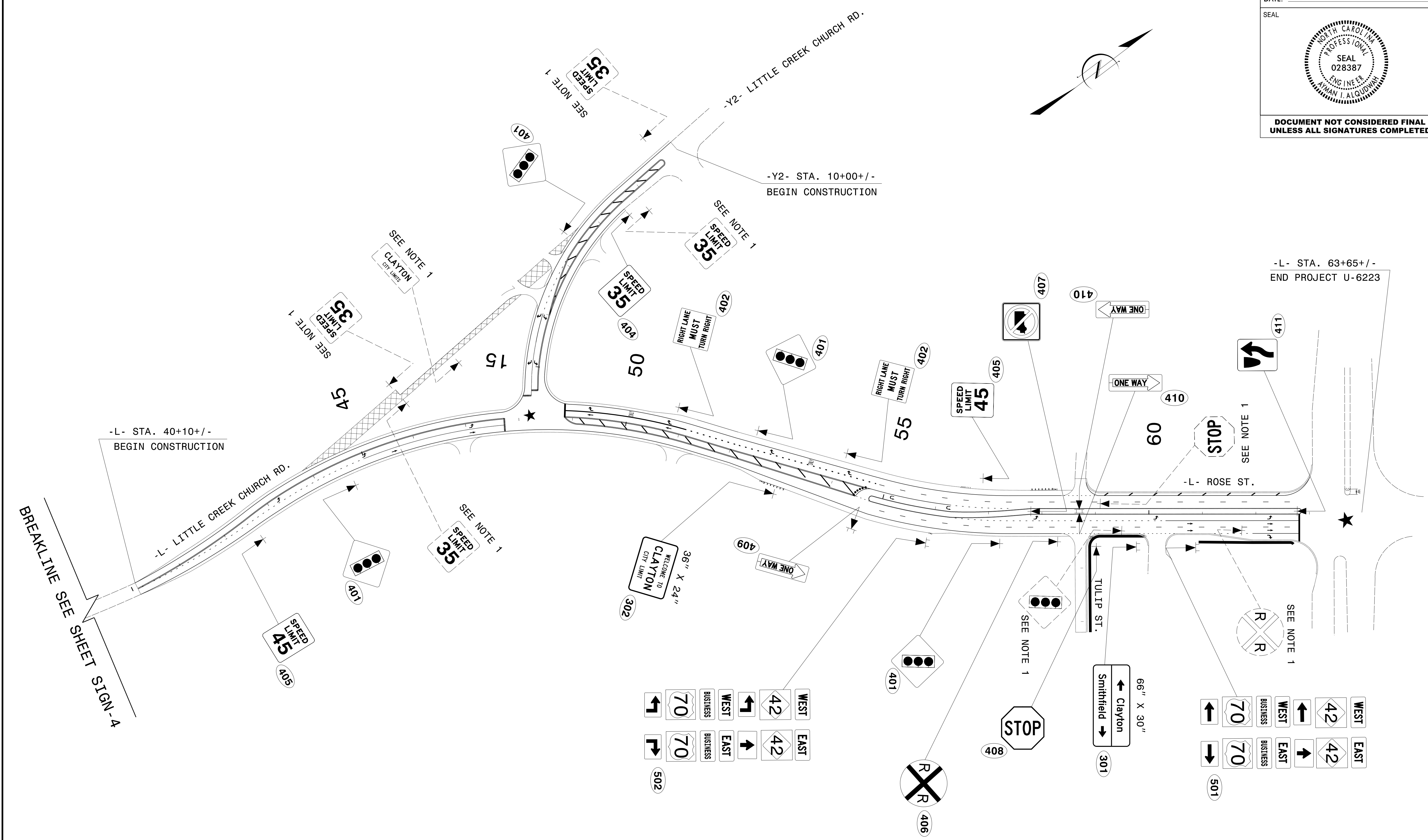
24" X 12"	WEST	EAST	24" X 12"
24" X 24"	42	42	24" X 24"
21" X 15"	↙	↑	21" X 15"
24" X 12"	WEST	EAST	24" X 12"
24" X 12"	BUSINESS	BUSINESS	24" X 12"
24" X 24"	70	70	24" X 24"
21" X 15"	↙	↘	21" X 15"

**TYPE "E" AND "F" SIGNS**



PROJECT NOTES:  
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

**SIGN DESIGNS**



PROJECT NOTES:  
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

# SIGN DESIGNS

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