

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
WAKE / FRANKLIN COUNTY**

**LOCATION: BRIDGE NO. 20 OVER MOCCASIN CREEK  
ON NC 97**

B-4830	SIGN-1
<small>Designed by:</small>  <small>APPROVED:</small>	
<small>DATE:</small> 2/8/2017   1:10 PM EST	
<small>SEAL</small> 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**T.I.P.: B-4830**

**CONTRACT: C203806**

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	54.6	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	156	L.F.
4096000000	904	SIGN ERECTION, TYPE D	4	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	6	EA.

**GENERAL NOTES**

- . SIGNS FURNISHED BY CONTRACTOR
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**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 2012 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

**PROJECT NOTES**

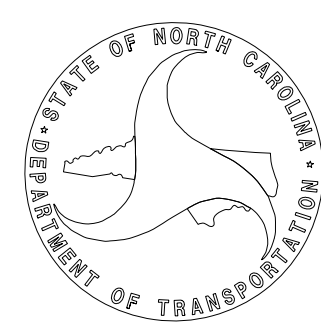
- |   |                                    |
|---|------------------------------------|
| 1 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
|---|------------------------------------|

**INDEX**

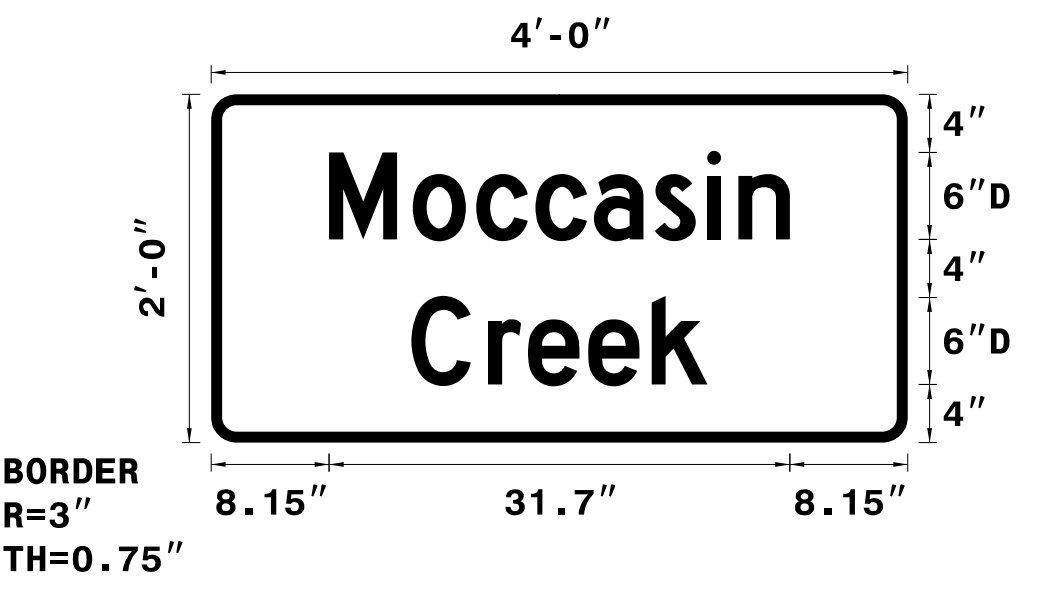
<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2	D SHEETS
SIGN-3	SIGN DETAIL SHEET

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

R. B. ROACH, PE      SIGNING & DELINEATION REGIONAL ENGINEER  
A. N. KIDD            SIGNING & DELINEATION PROJECT DESIGN ENGINEER



SIGN NUMBER: 301,304 TYPE: D QUANTITY: 2 SIGN WIDTH: 4'-0" HEIGHT: 2'-0" TOTAL AREA: 8.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: A. Kidd PROJECT ID: B-4830 CHECKED BY: R. Roach LOCATION: NC 97 Jun 29, 2015 DIV: 5
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Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- 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

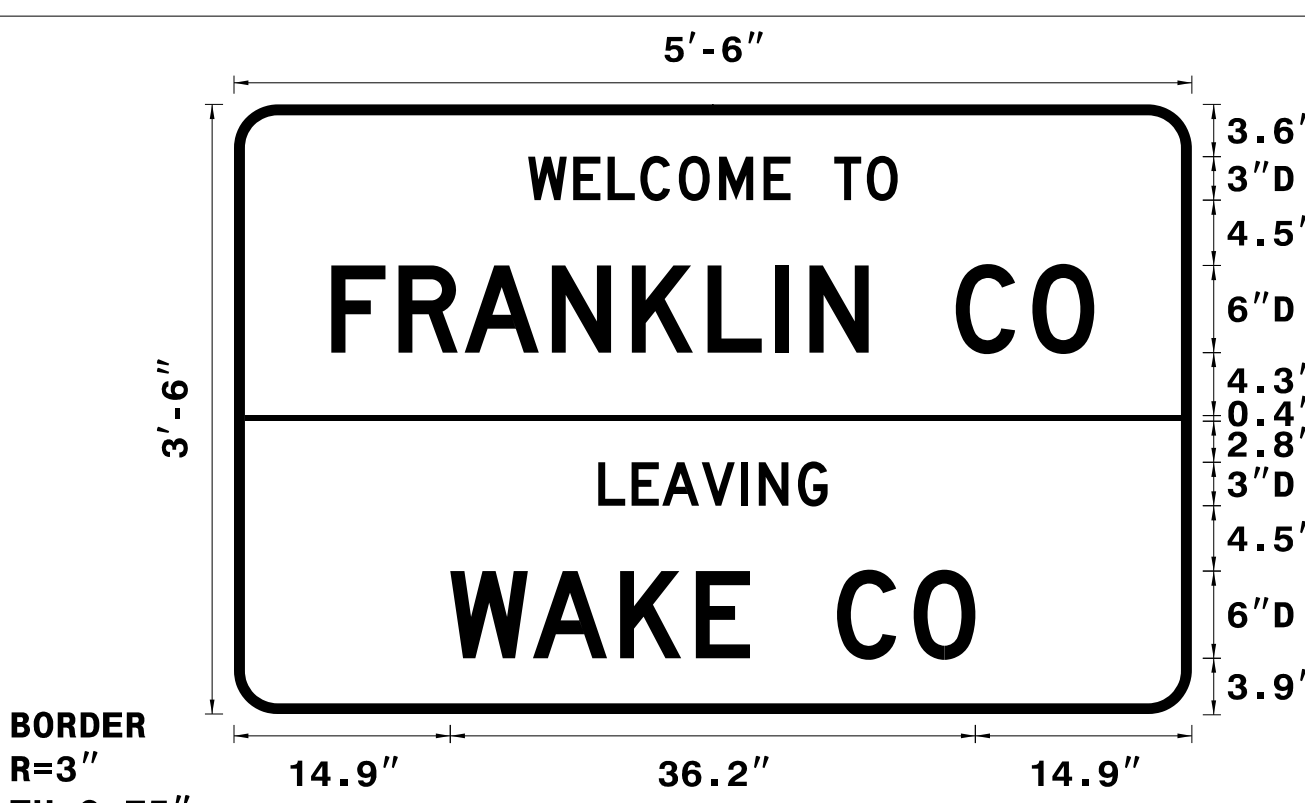
Letter spacings are to start of next letter

	M	o	c	c	a	s	i	n	Series/Size			
	8.1	5.8	4.4	4.1	4	4.2	3.6	2.2	3.5	8.1	D 2000	31.7
											D 2000	20.4
	13.8	5.3	2.8	4.1	4.4	3.8	13.8					

FILENAME: Guidsign\_English

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 3'-6" TOTAL AREA: 19.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green / Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: A. Kidd PROJECT ID: B-4830 CHECKED BY: R. Roach LOCATION: NC 97 Jun 29, 2015 DIV: 5
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Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

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

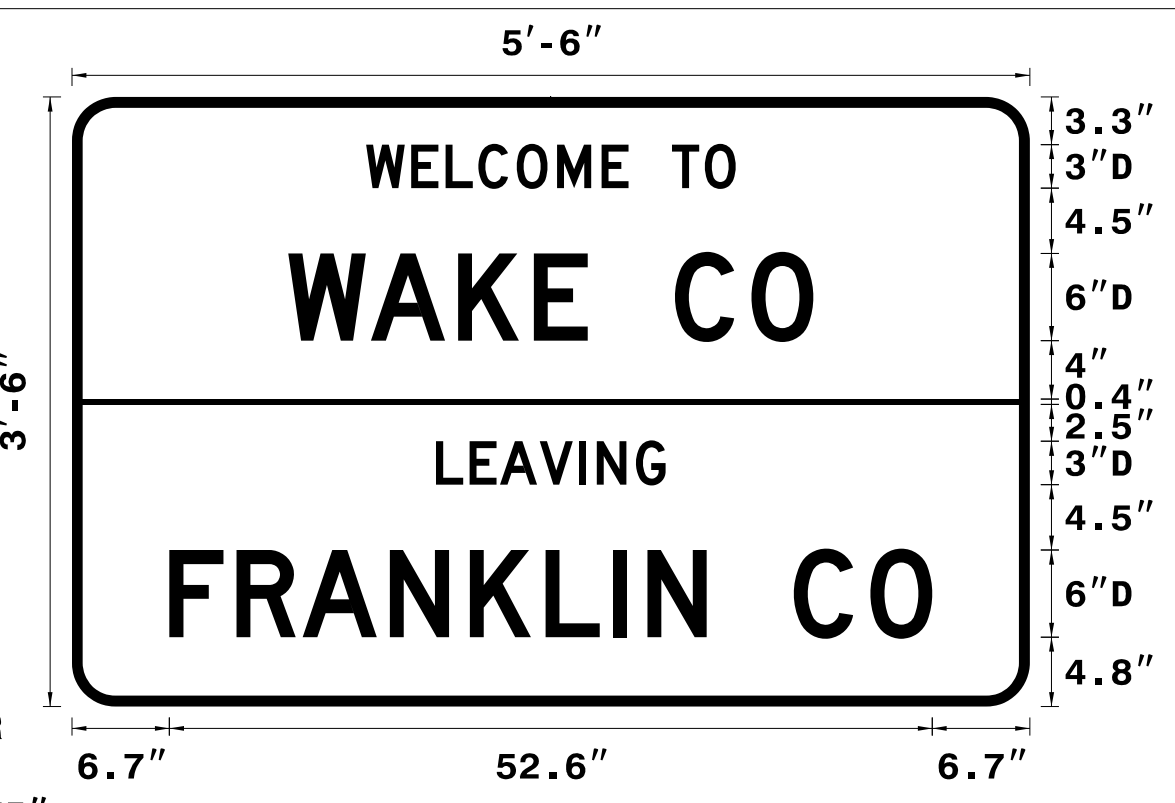
Letter spacings are to start of next letter

	W	E	L	C	O	M	E	T	O	Series/Size					
	20.3	3.1	2.4	2.3	2.6	2.8	3.1	1.9	3	2.3	2.1	20.3	D 2000	25.5	
													D 2000	52.6	
	6.7	4.6	4.6	6	5.5	5.2	4.6	2.4	4.1	6	5.3	4.3	6.7		
														D 2000	15.8
	25.1	2.3	2.1	2.7	2.7	1.2	2.7	2	25.1					D 2000	36.2
	14.9	5.7	6	5.2	3.7	6	5.3	4.3	14.9						

FILENAME: Guidsign\_English

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 TYPE: D QUANTITY: 1 SIGN WIDTH: 5'-6" HEIGHT: 3'-6" TOTAL AREA: 19.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green / Green COPY COLOR: White SYMBOL X Y WID HT MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: A. Kidd PROJECT ID: B-4830 CHECKED BY: R. Roach LOCATION: NC 97 Jun 29, 2015 DIV: 5
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Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

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- Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

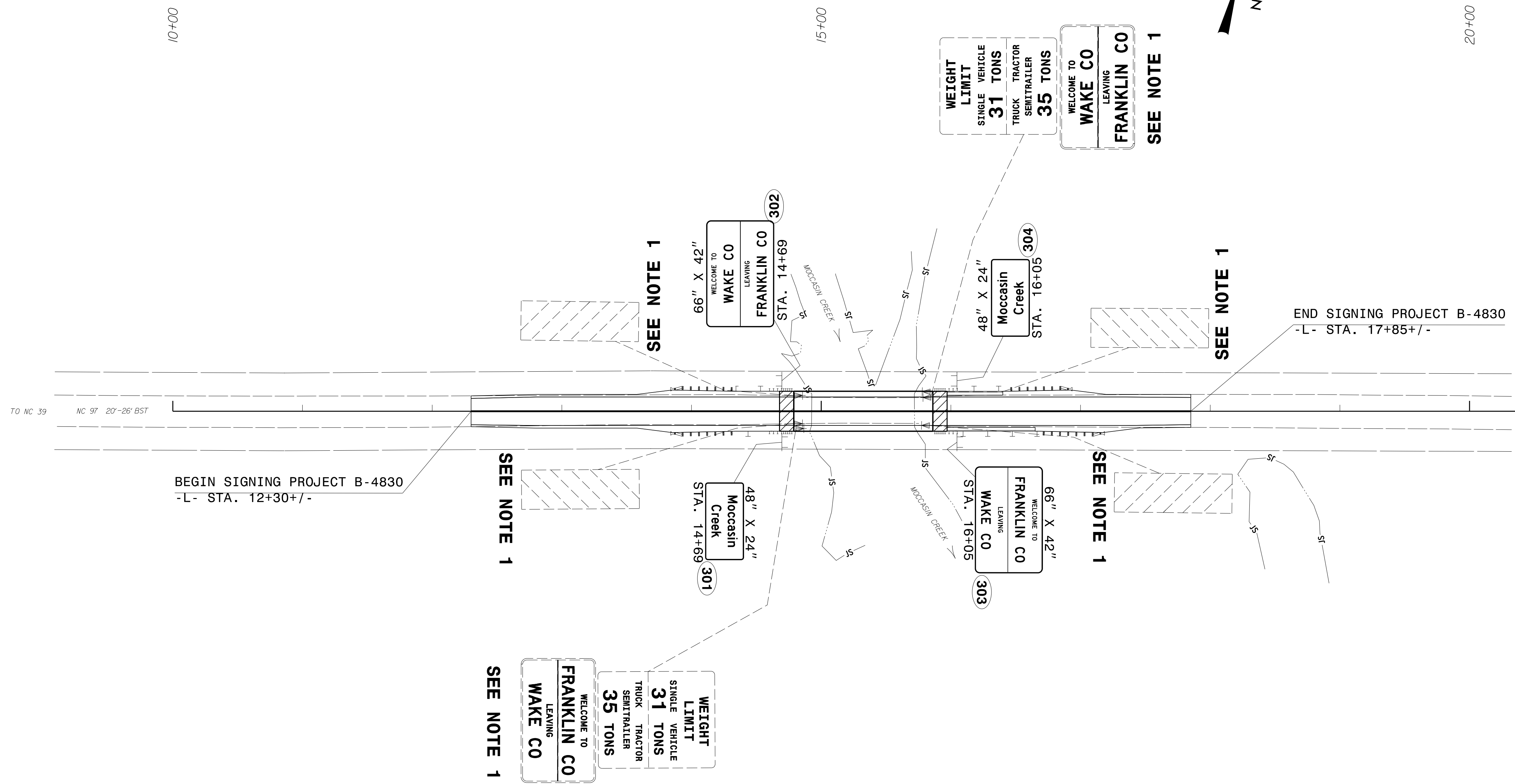
	W	E	L	C	O	M	E	T	O	Series/Size				
	20.3	3.1	2.4	2.3	2.6	2.8	3.1	1.9	3	2.3	2.1	20.3	D 2000	25.5
													D 2000	36.2
	14.9	5.7	6	5.2	3.7	6	5.3	4.3	14.9					
													D 2000	15.8
	25.1	2.3	2.1	2.7	2.7	1.2	2.7	2	25.1				D 2000	52.6
	6.7	4.6	4.6	6	5.5	5.2	4.6	2.4	4.1	6	5.3	4.3	6.7	

FILENAME: Guidsign\_English

NORTH CAROLINA D.O.T. SIGN DETAIL

6/28/2016 P:\TIP\Projects-B\B4830\Traffic\Signing\CADD\Signing Layout Plans\B-4830\_seed.dgn

TYPE "D" SIGNS



<b>PROJECT NOTES</b>	
1	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

**SIGN DETAIL SHEET**

6/28/2016 P:\TIP\Projects-B\B4830\Traffic\Signing\CADD\Signing Layout Plans\B-4830\_seed.dgn  
 Jserfctd