

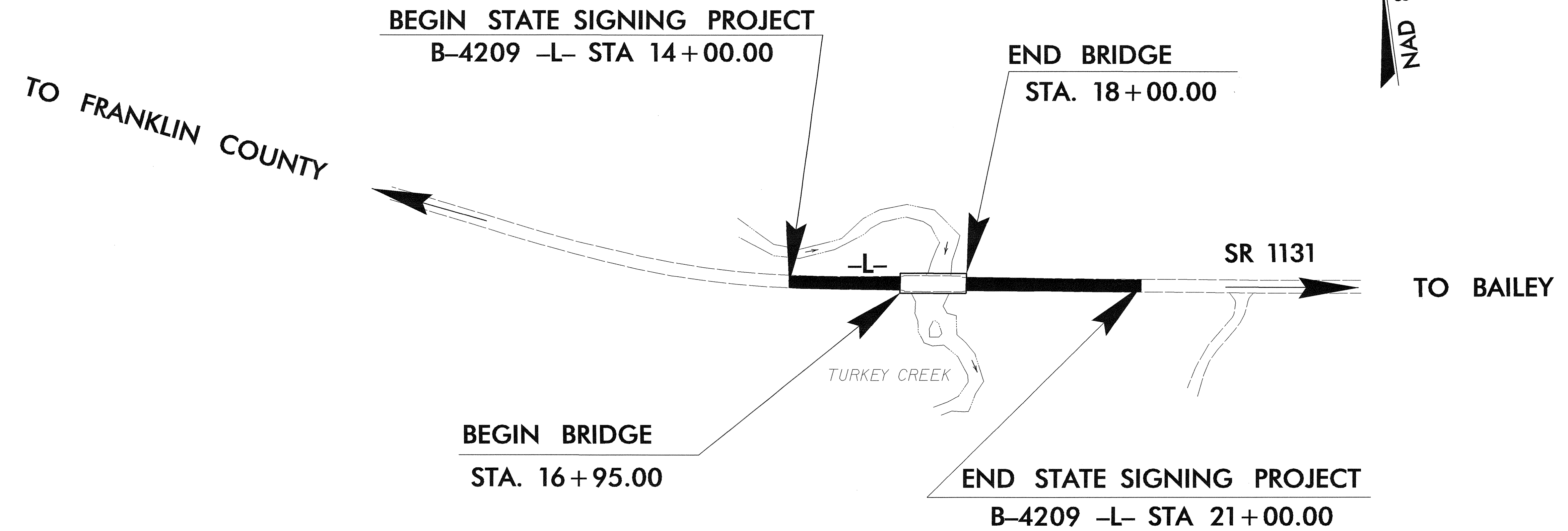
T.I.P.: B-4209

CONTRACT: C201853

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
NASH COUNTY**

LOCATION: BRIDGE NO. 17 OVER TURKEY CREEK ON SR 1131



TIP NO. B-4209	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 2/4/08	
SEAL	

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION		QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	45	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7	EA.

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10 904.50

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "D" SIGNS
3	TYPE "E" SIGNS
4	EXISTING/PROPOSED ROADWAY

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

R. W. KING, PE SIGNING ENGINEER
A. I. ALQUDWAH, PE SIGNING PROJECT ENGINEER
D. M. EATON SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN SIGNING DESIGNER

TIP NO. B-4209	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 3/4/08	
SEAL	

SIGN NUMBER: 301, 302 TYPE: D QUANTITY: 2 SIGN WIDTH: 36" HEIGHT: 18" TOTAL AREA: 4.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.5" RADIUS: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White	DESIGN BY: R. HENNEIN PROJECT ID: B-4209	CHECKED BY: DIV: 4 DATE: Feb 21, 2008
--	---	---	---

SYMBOL	X	Y	WID	HT



- USE NOTES:
1. Legend and border shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

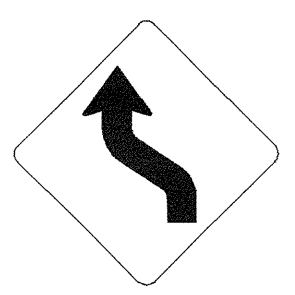
Spacing Factor is Unless specified otherwise

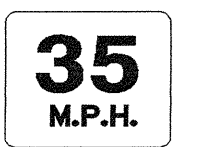
LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
C 2000	M I D D L E S E X	23.8
C 2000	F I R E D E P T	23.5
D 2000	W A T E R P O I N T -	21.4

TYPE "D" SIGNS


<p>464 QUANTITY REQ'D _1</p>  <p>30 X 30 W1-4L</p> <p>ONE "U" POST PER SIGN</p>						

<p>465 QUANTITY REQ'D _1</p>  <p>18 X 18 W13-1</p> <p>MOUNT BELOW SIGN 464 IN 1 INSTALLATION</p>						

--	--	--	--	--	--	--

--	--	--	--	--	--	--

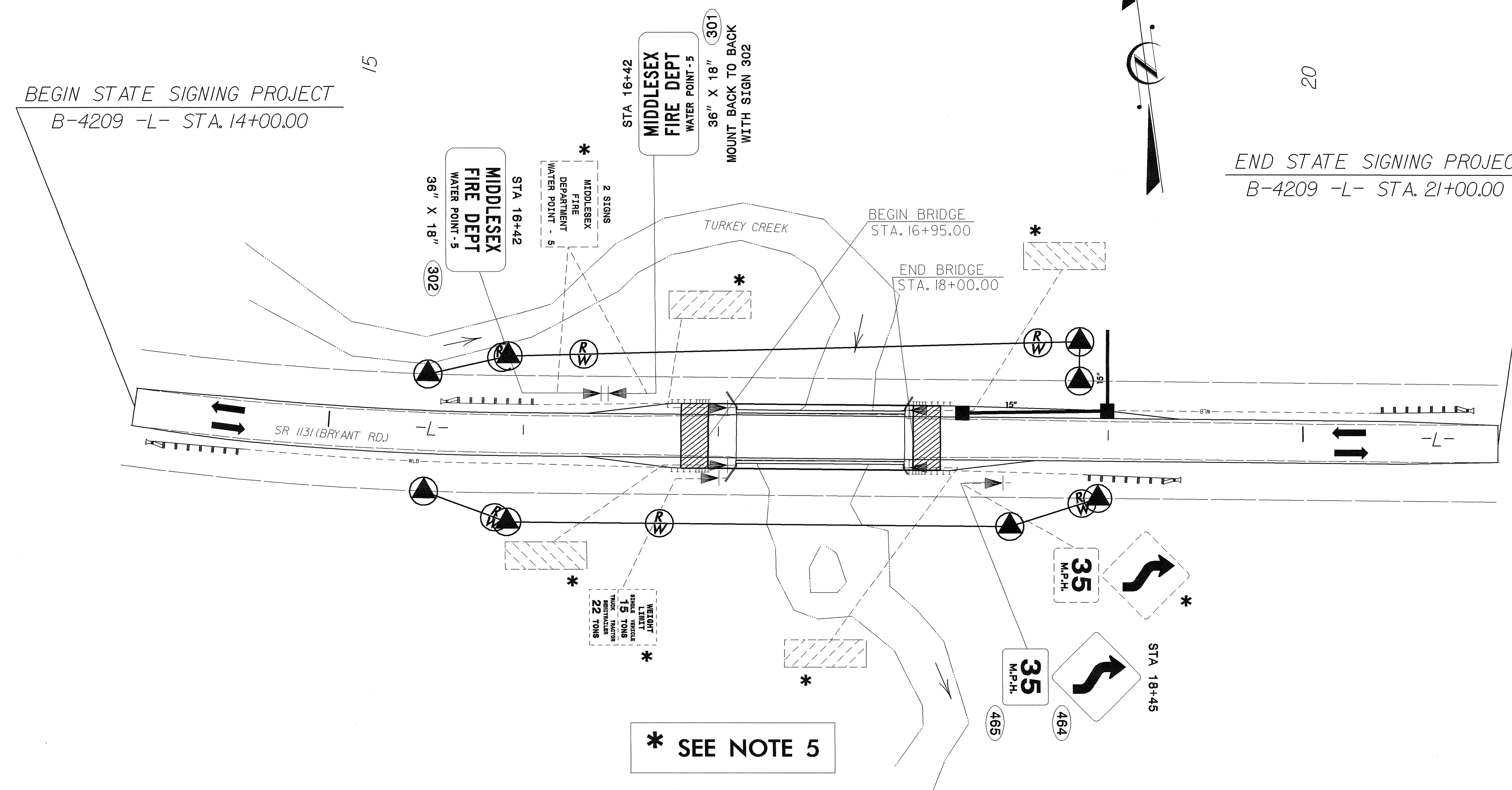
--	--	--	--	--	--	--

TIP NO. B-4209	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 3/4/08	
SEAL	
	

TYPE "E" SIGNS

BEGIN STATE SIGNING PROJECT
B-4209 -L- STA. 14+00.00

END STATE SIGNING PROJECT
B-4209 -L- STA. 21+00.00



WARNING SIGNS PLACEMENT CHART

POSTED OR 85TH PERCENTILE SPEED MPH (KMH)	MUTCD DISTANCE FT (M)	SUGGESTED LOCATION FT (M)	SUGGESTED MAXIMUM FT (M)
30 (50)	450 (140)	475 (145)	575 (175)
35 (55)	550 (170)	575 (175)	675 (205)
40 (65)	650 (200)	675 (205)	775 (235)
45 (70)	750 (230)	775 (235)	875 (270)
50 (80)	850 (260)	875 (270)	975 (300)
55 (90)	950 (290)	975 (300)	1075 (330)
60 (95)	1100 (335)	1125 (345)	1225 (375)
65 (105)	1200 (365)	1225 (375)	1325 (405)
70 (115)	1250 (380)	1275 (390)	1375 (420)

1. SEE ROADWAY STANDARD NO. 904.50 FOR MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS.
2. SEE CHART FOR PLACEMENT OF WARNING SIGNS. DISTANCES SHOWN IN MINIMUM ROAD COLUMNS ARE FOR LEVEL ROADWAYS. MAKE CORRECTIONS FOR GRADES. IF 48-INCH (1219 MM) SIGNS ARE USED, THE LEGIBILITY DISTANCE MAY BE INCREASED TO 200 FEET (61 M). THIS WOULD ALLOW REDUCING THE CHART SPECIFIED DISTANCE BY 75 FEET (23 M).
3. IF THE BRIDGE IS OVER A MAJOR STREAM OR RIVER, A SIGN FOR THE NAME OF THE STREAM OR RIVER SHOULD BE INSTALLED AT EACH APPROACH. THESE DESIGNS WILL BE COMPLETED BY THE SIGNING SECTION UPON REQUEST.
4. SIGNS FURNISHED BY STATE. BACKGROUND SHEETING SHALL BE GRADE C REFLECTIVE SHEETING.
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
6. SIGN ERECTION, RELOCATE SIGN TYPE D, E, OR F.
7. DISPOSAL OF SIGN SYSTEM, WOOD.
8. DISPOSAL OF SIGN, D, E, OR F.
9. DISPOSAL OF SUPPORT, U-CHANNEL.

STA 14+00 TO 21+00
SR 1131
EXISTING/PROPOSED ROADWAY