

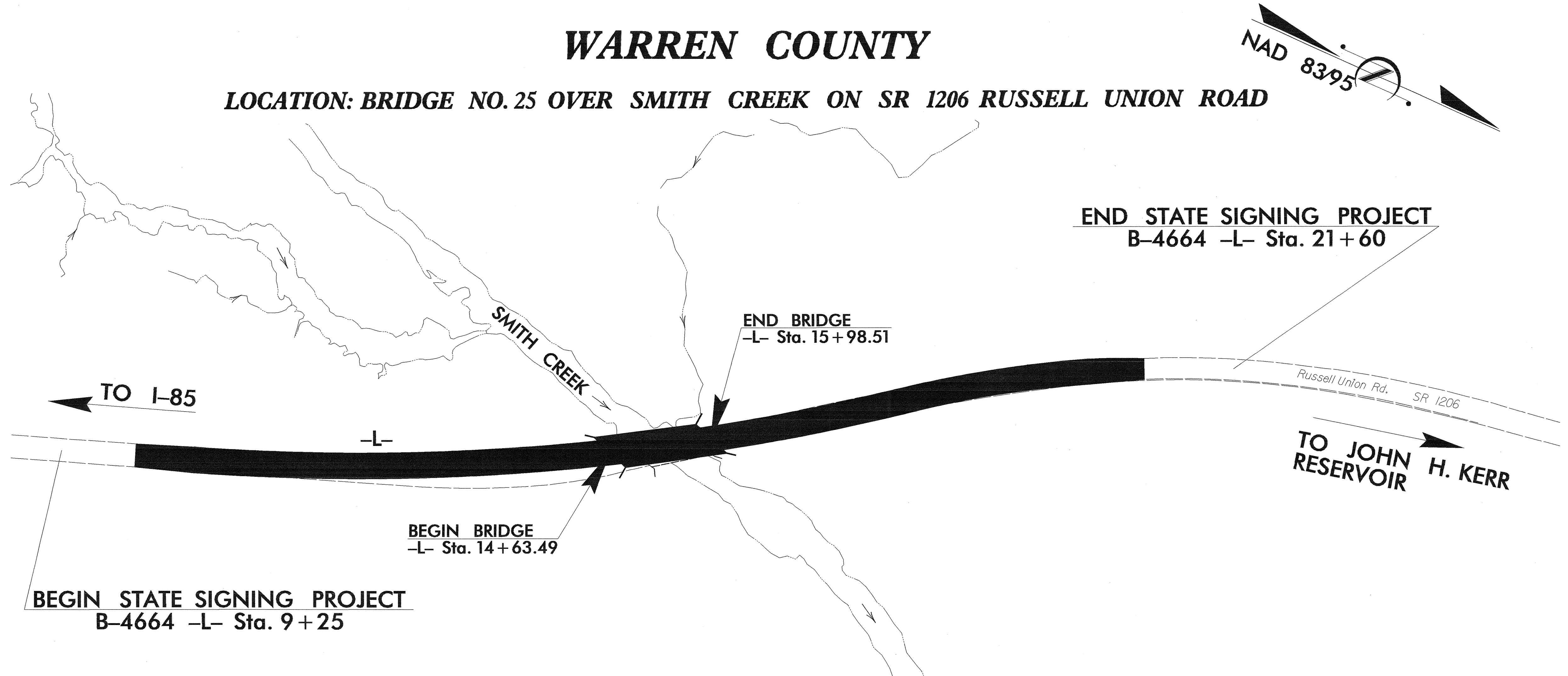
T.I.P.: B-4664


CONTRACT: C202030

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
WARREN COUNTY**

LOCATION: BRIDGE NO. 25 OVER SMITH CREEK ON SR 1206 RUSSELL UNION ROAD



TIP NO. B-4664	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 8/27/08	
SEAL 	

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


SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	46	L.F.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	10	EA.

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10 904.50

INDEX

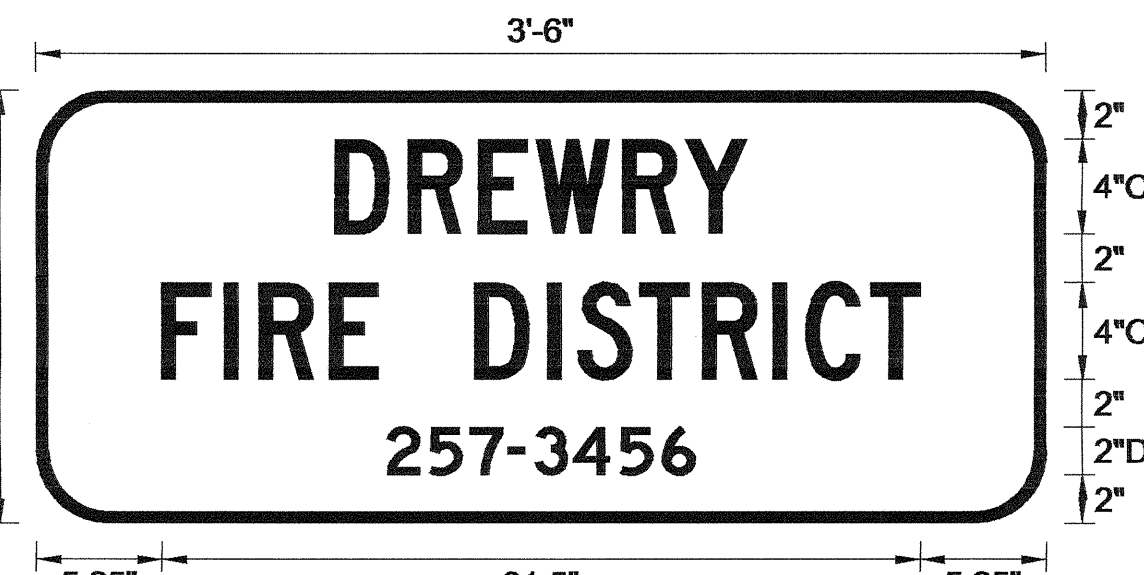
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "D" SIGNS
3	TYPE "E" SIGNS
4	EXISTING/PROPOSED ROADWAY

TIP NO. B-4664	SHEET NO. SIGN-2
APPROVED: <i>Jean D. ...</i>	
DATE: 8/27/08	
SEAL	
	

SIGN NUMBER: 301	BACKG COLOR: Green	DESIGN BY: R. HENNEIN	CHECKED BY:	DATE: Aug 25, 2008	
TYPE: D	COPY COLOR: White	PROJECT ID: B-4664	DIV: 5		
QUANTITY: 1	SYMBOL	X	Y	WID	HT
SIGN WIDTH: 42"					
HEIGHT: 18"					
TOTAL AREA: 5.3 Sq.Ft.					
BORDER TYPE: FLUSH	MAT'L: 0.080" (2.0 mm) ALUMINUM				
RECESS: 0"					
WIDTH: 0.5"					
RADII: 3"					
NO. Z BARS:					
LENGTH:					

USE NOTES:

- Legend and border shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.



LETTER POSITIONS

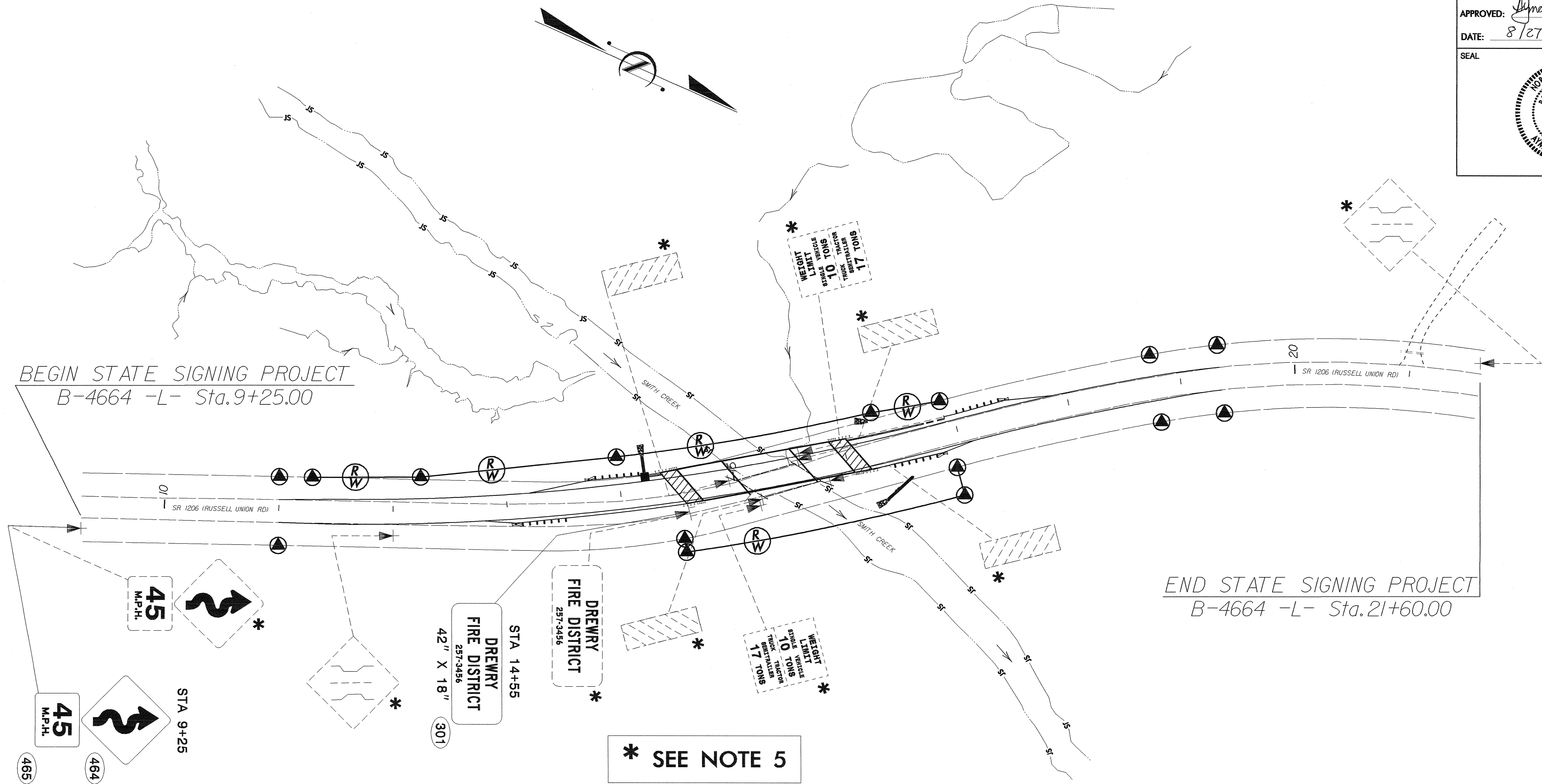
		Letter spacings are to start of next letter													Series/Size	
															Text Length	
	D R E W R Y															C 2000
	12.4 3 2.9 2.4 3.6 2.6 2.6 12.4															17.1
	F I R E D I S T R I C T															C 2000
	5.2 2.6 1.4 2.9 2 4 3 1.2 2.6 2.6 2.9 1.4 2.7 2 5.2															31.5
	2 5 7 - 3 4 5 6															D 2000
	14.6 1.8 1.7 1.6 1.1 1.6 1.9 1.8 1.4 14.6															12.8

FILENAME: signdesign

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

<p>464 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W1-5</p> <p>ONE "U" POST PER SIGN</p>						<table border="1"> <tr> <td>TIP NO. B-4664</td> <td>SHEET NO. SIGN-3</td> </tr> <tr> <td colspan="2">APPROVED: <i>[Signature]</i></td> </tr> <tr> <td colspan="2">DATE: 8/27/08</td> </tr> <tr> <td colspan="2">SEAL</td> </tr> <tr> <td colspan="2">  </td> </tr> </table>	TIP NO. B-4664	SHEET NO. SIGN-3	APPROVED: <i>[Signature]</i>		DATE: 8/27/08		SEAL			
TIP NO. B-4664	SHEET NO. SIGN-3															
APPROVED: <i>[Signature]</i>																
DATE: 8/27/08																
SEAL																
																
<p>465 QUANTITY REQ'D <u>1</u></p>  <p>18 X 18 W13-1</p> <p>MOUNT BELOW SIGN 464 IN 1 INSTALLATION</p>																
						<p style="text-align: center;">TYPE "E" SIGNS</p>										



BEGIN STATE SIGNING PROJECT
B-4664 -L- Sta. 9+25.00

END STATE SIGNING PROJECT
B-4664 -L- Sta. 21+60.00

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 9+25 TO 21+60
SR 1206/RUSSELL UNION RD
EXISTING/PROPOSED ROADWAY