

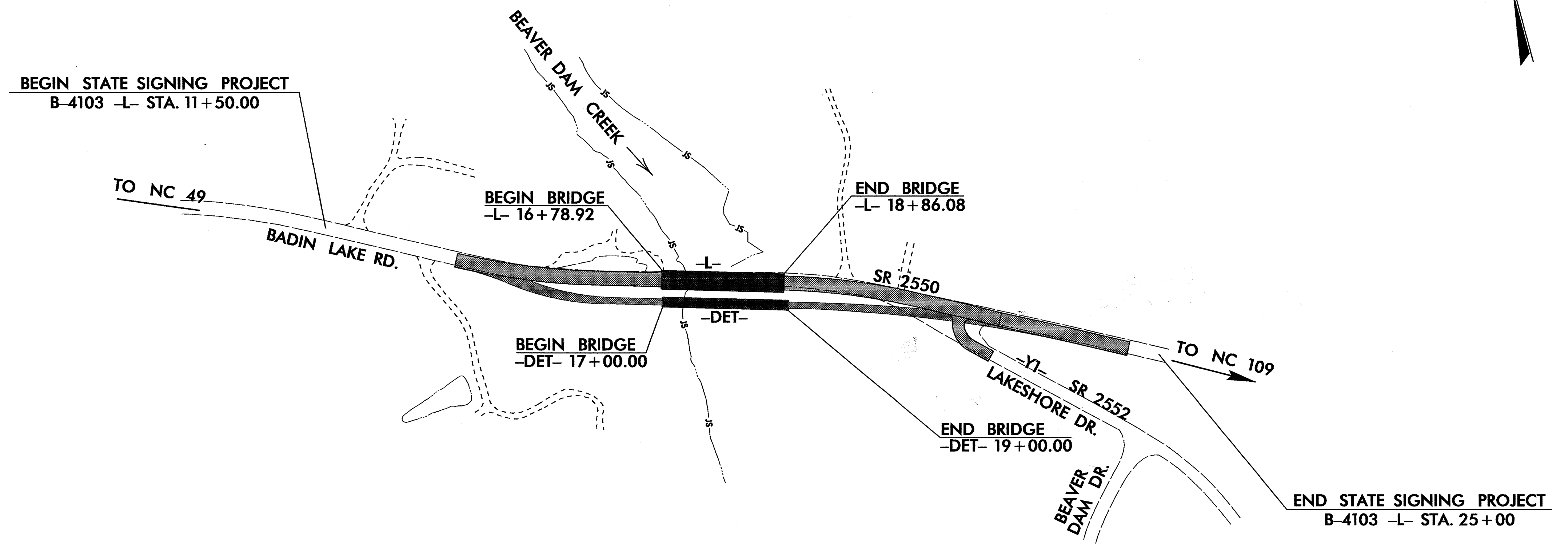
T.I.P.: B-4103

CONTRACT: C201713

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
DAVIDSON COUNTY**

LOCATION: BRIDGE NO. 416 OVER BEAVER DAM CREEK ON SR 2550 (BADIN LAKE ROAD)



<small>TIP NO.</small> B-4103	<small>SHEET NO.</small> SIGN-1
<small>APPROVED:</small> <i>[Signature]</i>	
<small>DATE:</small> 8/13/07	
<small>SEAL</small>	

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN.....	14.75	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL.....	29	L.F.
4102000000	904	SIGN ERECTION, TYPE E.....	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	10	EA.






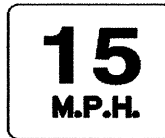
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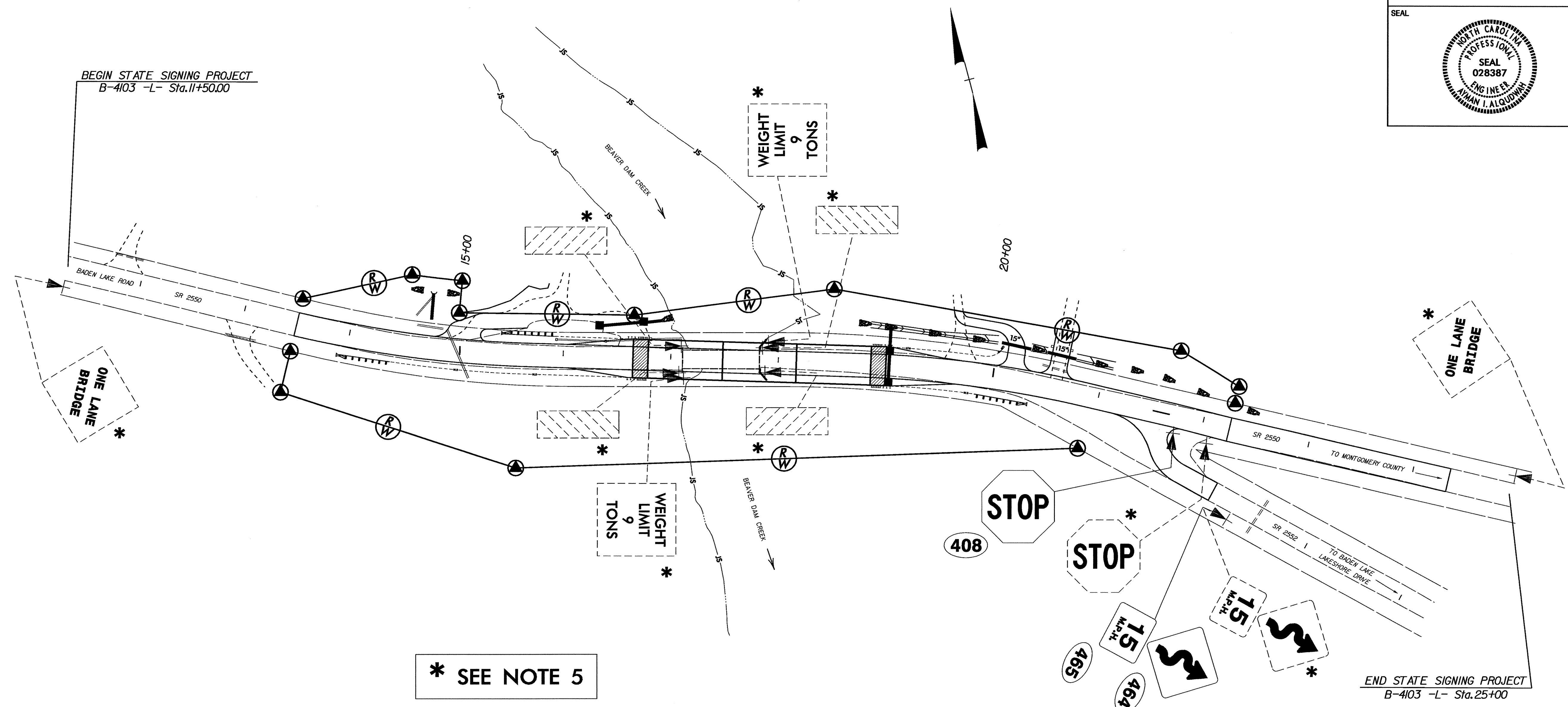
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "E" SIGNS
3	EXISTING/PROPOSED ROADWAY

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

**ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10 904.50**

<p>408 QUANTITY REQ'D 1</p>  <p>30 X 30 R1-1</p> <p>ONE "U" POST PER SIGN</p>						<table border="1"> <tr> <td>TIP NO. B-4103</td> <td>SHEET NO. SIGN-2</td> </tr> <tr> <td colspan="2">APPROVED: <i>[Signature]</i></td> </tr> <tr> <td colspan="2">DATE: 8/13/07</td> </tr> <tr> <td colspan="2" style="text-align: center;">  </td> </tr> </table>	TIP NO. B-4103	SHEET NO. SIGN-2	APPROVED: <i>[Signature]</i>		DATE: 8/13/07			
TIP NO. B-4103	SHEET NO. SIGN-2													
APPROVED: <i>[Signature]</i>														
DATE: 8/13/07														
														
<p>464 QUANTITY REQ'D 1</p>  <p>30 X 30 W1-5</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>														
						<p>TYPE "E" SIGNS</p>								



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 CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III 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 11+50 TO 25+00
SR 2550
EXISTING/PROPOSED ROADWAY**