

T.I.P.: B-4080

CONTRACT: C201970

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
COLUMBUS COUNTY**

LOCATION: BRIDGE NO. 148 OVER PINE LOG SWAMP ON SR 1437

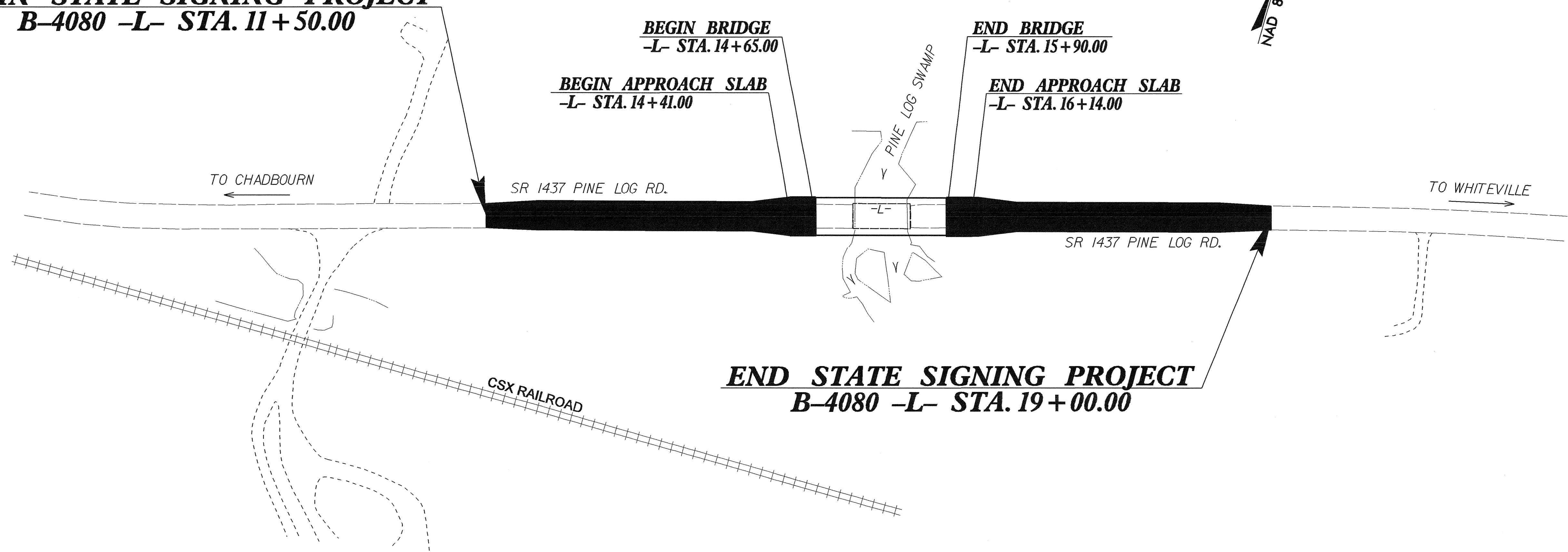
**BEGIN STATE SIGNING PROJECT
B-4080 -L- STA. 11+50.00**

**BEGIN BRIDGE
-L- STA. 14+65.00**

**END BRIDGE
-L- STA. 15+90.00**

**BEGIN APPROACH SLAB
-L- STA. 14+41.00**

**END APPROACH SLAB
-L- STA. 16+14.00**



**END STATE SIGNING PROJECT
B-4080 -L- STA. 19+00.00**

TIP NO. B-4080	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 7/24/08	
SEAL	

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	30	L.F.
4102000000	904	SIGN ERECTION, TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7	EA.

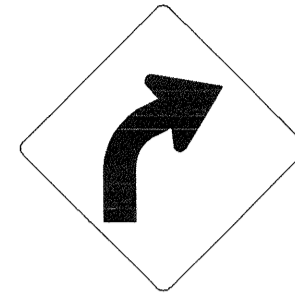

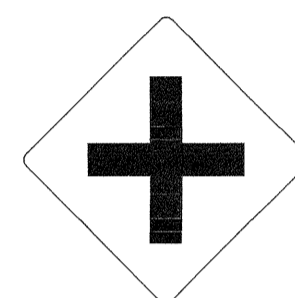

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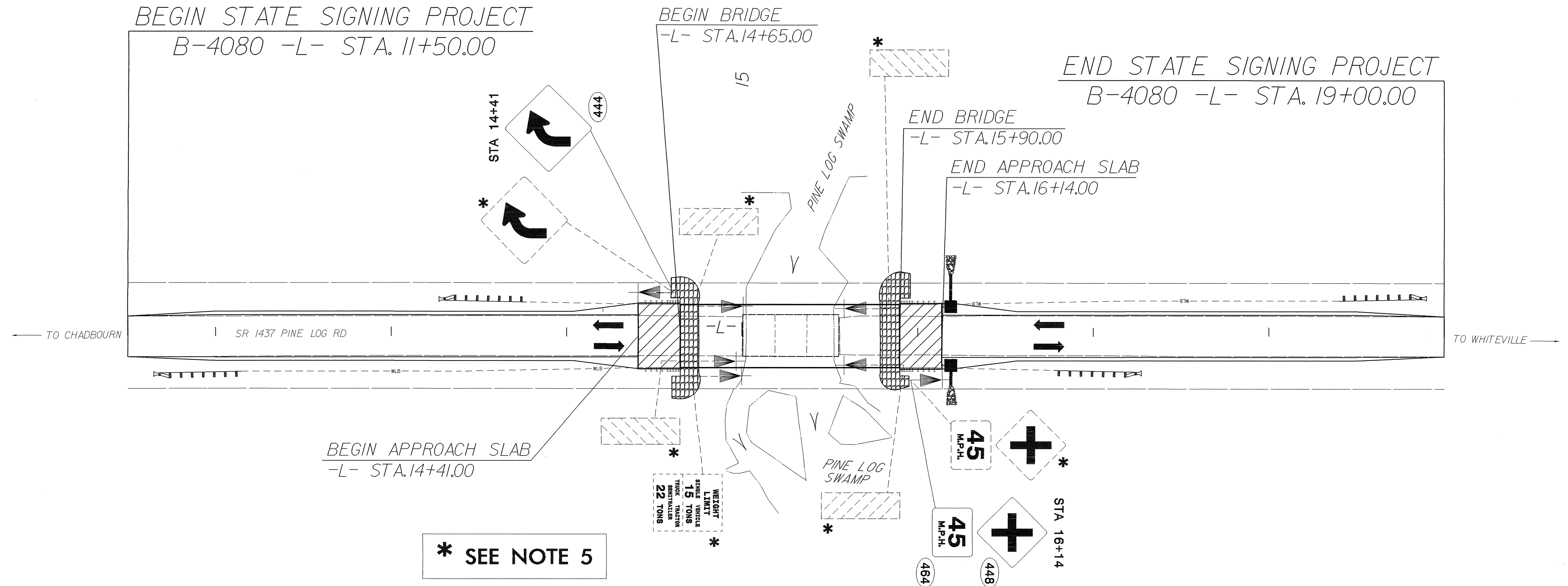
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "E" SIGNS
3	EXISTING/PROPOSED ROADWAY

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>444 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W1-2R</p> <p>ONE "U" POST PER SIGN</p>						<p>TIP NO. B-4080 SHEET NO. SIGN-2</p> <p>APPROVED: <i>[Signature]</i></p> <p>DATE: 7/24/08</p> <p>SEAL</p> 
<p>448 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W2-1</p> <p>ONE "U" POST PER SIGN</p>						
<p>464 QUANTITY REQ'D <u>1</u></p>  <p>18 X 18 W13-1</p> <p>MOUNT BELOW SIGN 448 IN 1 INSTALLATION</p>						
						<p style="text-align: center;">TYPE "E" SIGNS</p>



*** SEE NOTE 5**

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)

- SEE ROADWAY STANDARD NO. 904.50 FOR MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS.
- 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).
- 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.
- SIGNS FURNISHED BY STATE. BACKGROUND SHEETING SHALL BE GRADE C REFLECTIVE SHEETING.
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
- SIGN ERECTION, RELOCATE SIGN TYPE D, E, OR F.
- DISPOSAL OF SIGN SYSTEM, WOOD.
- DISPOSAL OF SIGN, D, E, OR F.
- DISPOSAL OF SUPPORT, U-CHANNEL.

STA 11+50 TO 19+00
SR 1437/PINE LOG RD
EXISTING/PROPOSED ROADWAY