


T.I.P.: B-4092

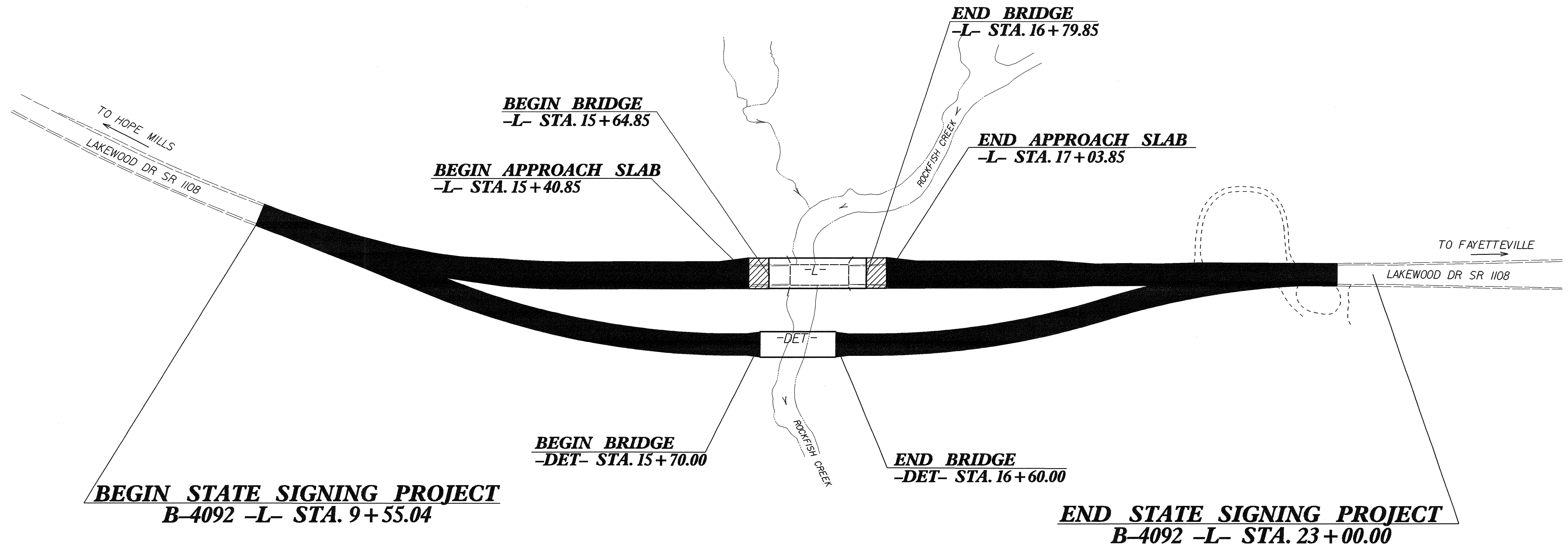
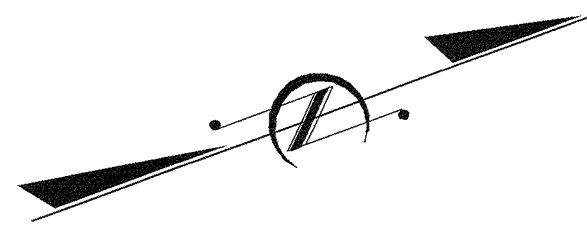
CONTRACT: C201893

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
CUMBERLAND COUNTY**

LOCATION: BRIDGE NO. 80 ON SR 1108 LAKEWOOD DR. OVER LITTLE ROCKFISH CREEK

TIP NO. B-4092	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 6/10/08	
SEAL	
	





SUMMARY OF QUANTITIES

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION	
R. W. KING, PE	SIGNING ENGINEER
A. I. ALQUODWAH, PE	SIGNING PROJECT ENGINEER
D. M. EATON	SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN	SIGNING DESIGNER

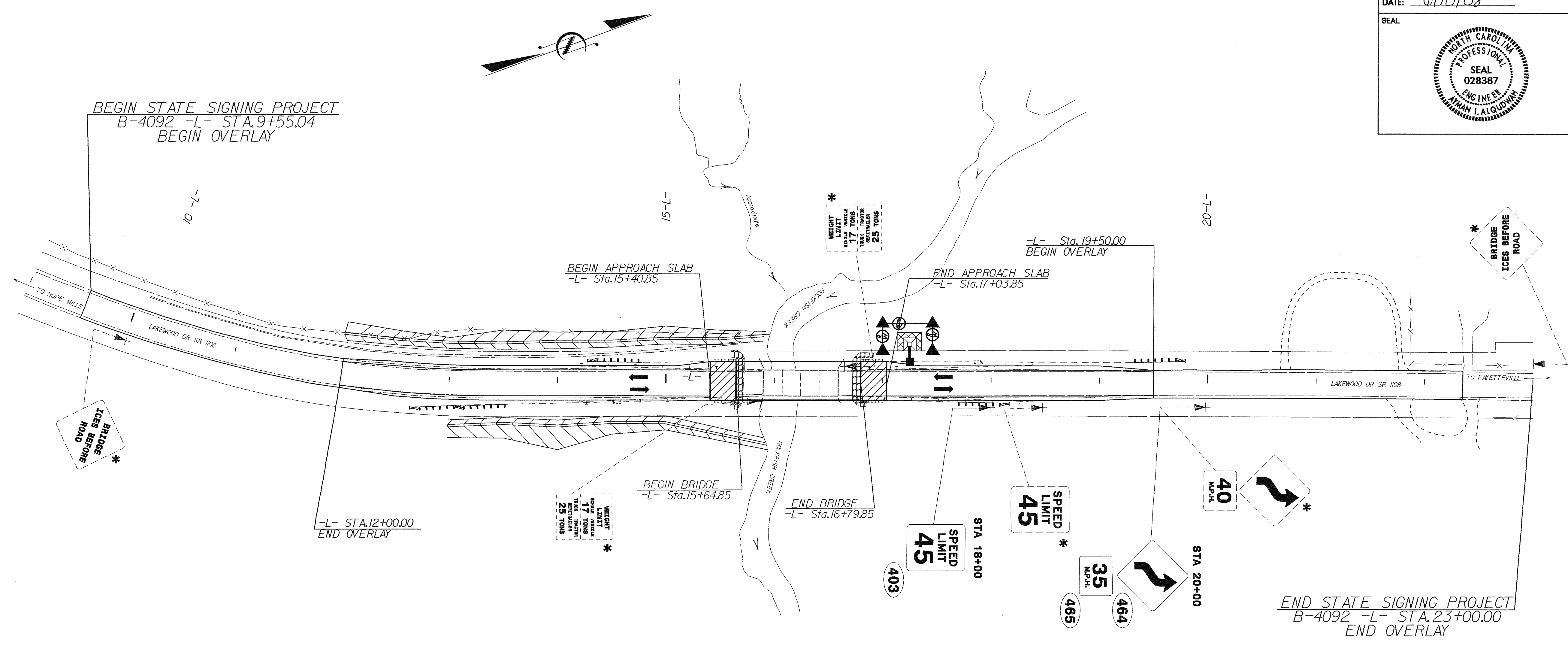
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	29	L.F.
4102000000	904	SIGN ERECTION, TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	6	EA.

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

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

<p>403 QUANTITY REQ'D <u>1</u></p>  <p>24 X 30 R2-1</p> <p>ONE "U" POST PER SIGN</p>						<p>TIP NO. B-4092 SHEET NO. SIGN-2</p> <p>APPROVED: <i>Sybil Alford</i></p> <p>DATE:</p> <p>SEAL</p> 
<p>464 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W1-4R</p> <p>ONE "U" POST PER SIGN</p>						
<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>TYPE "E" SIGNS</p>

TIP NO. B-4092	SHEET NO. SIGN-3
APPROVED: <i>John L. Alquod</i>	
DATE: 6/10/08	
SEAL	



*** 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)

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+00 TO 23+00
SR 1108 LAKEWOOD DR
EXISTING/PROPOSED ROADWAY