

T.I.P.: B-4303


CONTRACT: C202031

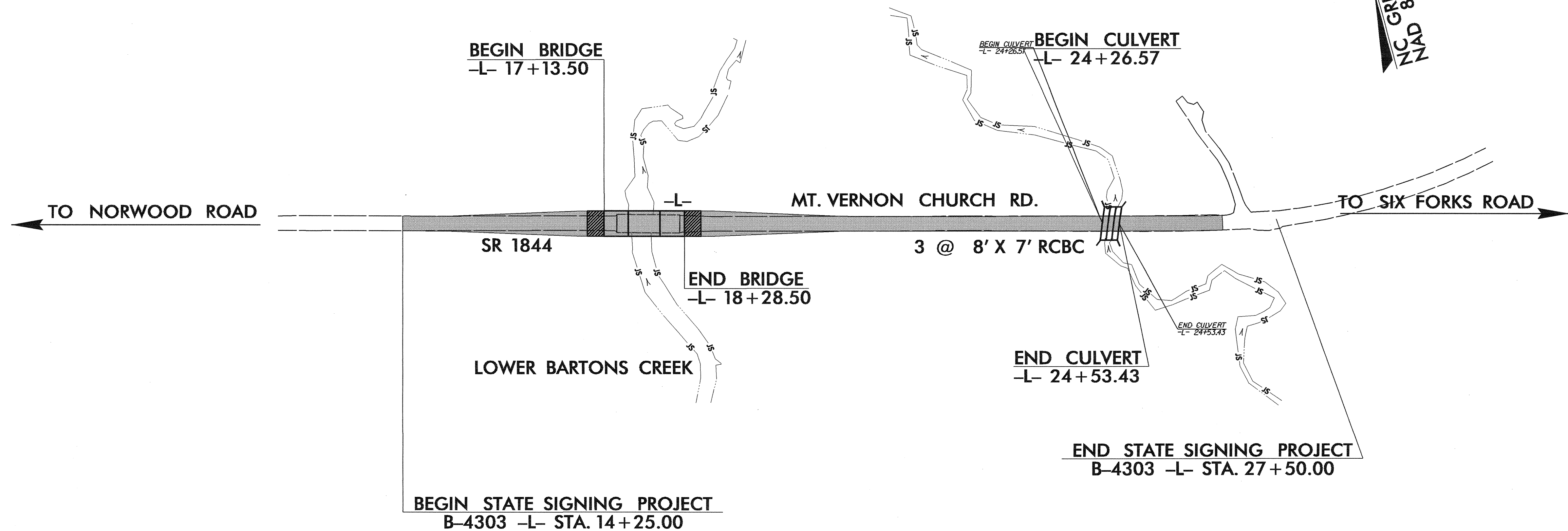
**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS

WAKE COUNTY

LOCATION: BRIDGE NO. 102 OVER LOWER BARTONS CREEK ON SR 1844

TIP NO. B-4303	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 8/27/08	
SEAL	
	



SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	40	L.F.
4102000000	904	SIGN ERECTION, TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	9	EA.

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

INDEX

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

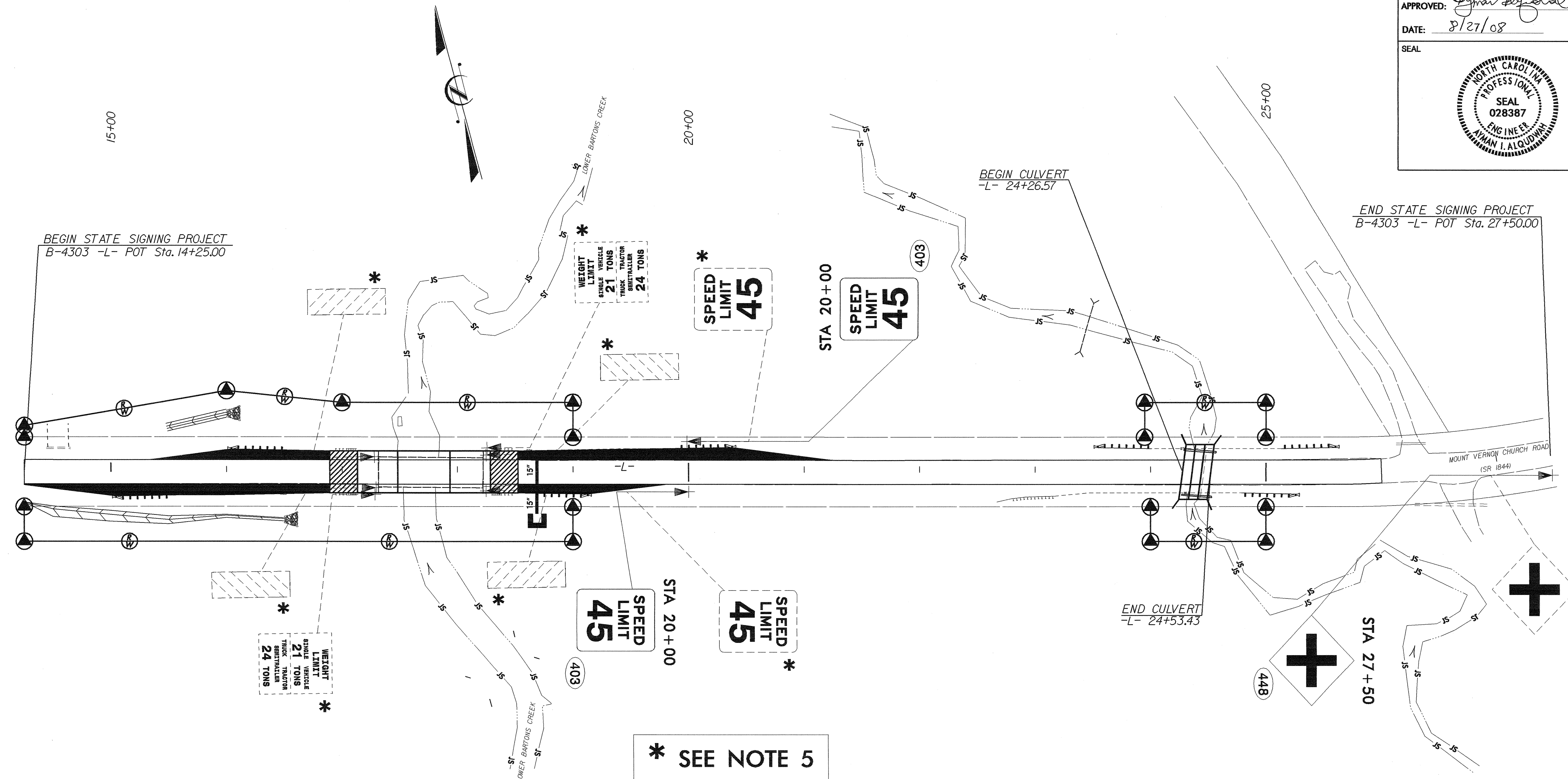
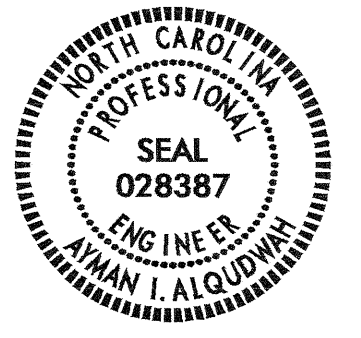
PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

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

<p>403 QUANTITY REQ'D <u>2</u></p> <div data-bbox="503 237 689 350"> </div> <p>ONE "U" POST PER SIGN</p>					
<p>448 QUANTITY REQ'D <u>1</u></p> <div data-bbox="459 620 689 753"> </div> <p>ONE "U" POST PER SIGN</p>					

TIP NO. B-4303	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 8/2/08	
SEAL	

TYPE "E" SIGNS



* 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 14+25 TO 27+50
SR 1844/MT. VERNON CHURCH RD
EXISTING/PROPOSED ROADWAY