

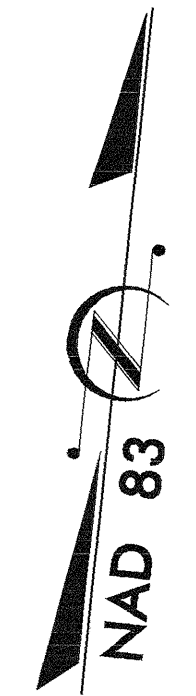
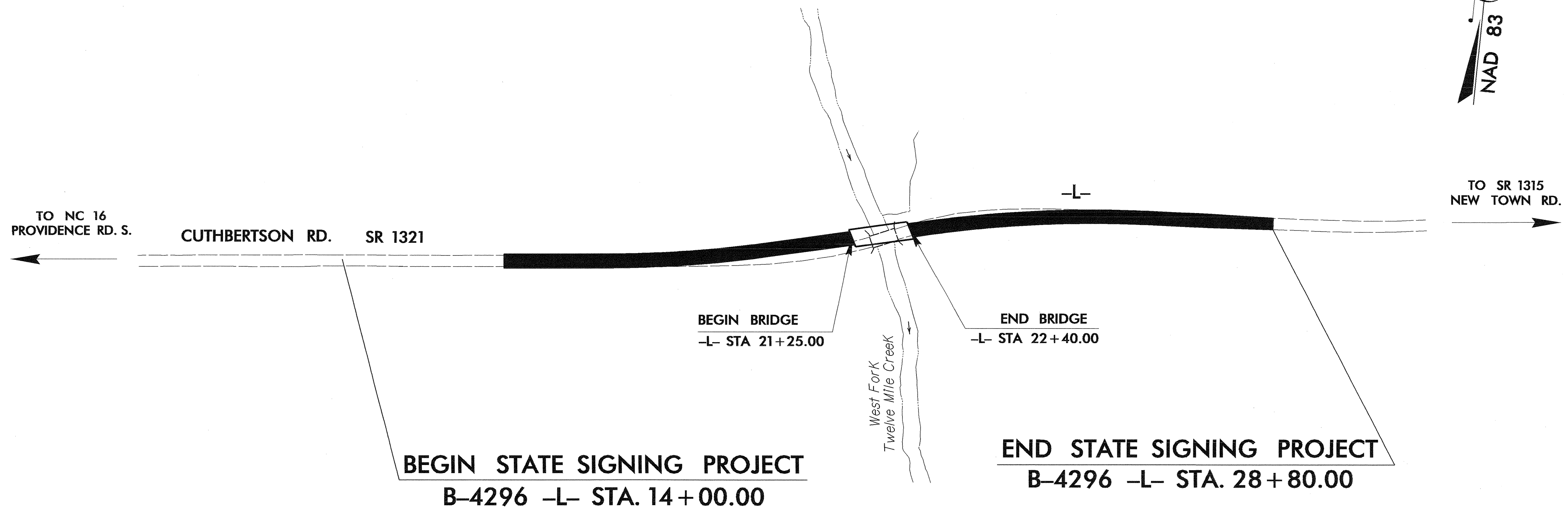
T.I.P.: B-4296

CONTRACT: C202032

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
UNION COUNTY**

**LOCATION: BRIDGE NO. 223 OVER WEST FORK TWELVE MILE CREEK
AND APPROACHES ON SR 1321 (CUTHBERTSON ROAD)**



TIP NO. B-4296	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 8/19/08	
SEAL	

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	26	L.F.
4102000000	904	SIGN ERECTION, TYPE E	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	10	EA.

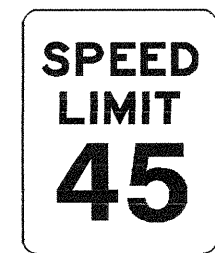
**ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10 904.50**

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "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

403 QUANTITY REQ'D 2



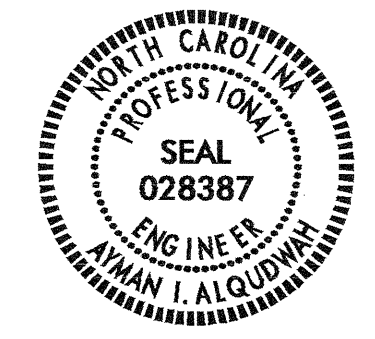
24 X 30
R2-1

ONE "U" POST PER SIGN


TIP NO. SHEET NO.
B-4296 SIGN-2

APPROVED: *[Signature]*
DATE: 8/19/08

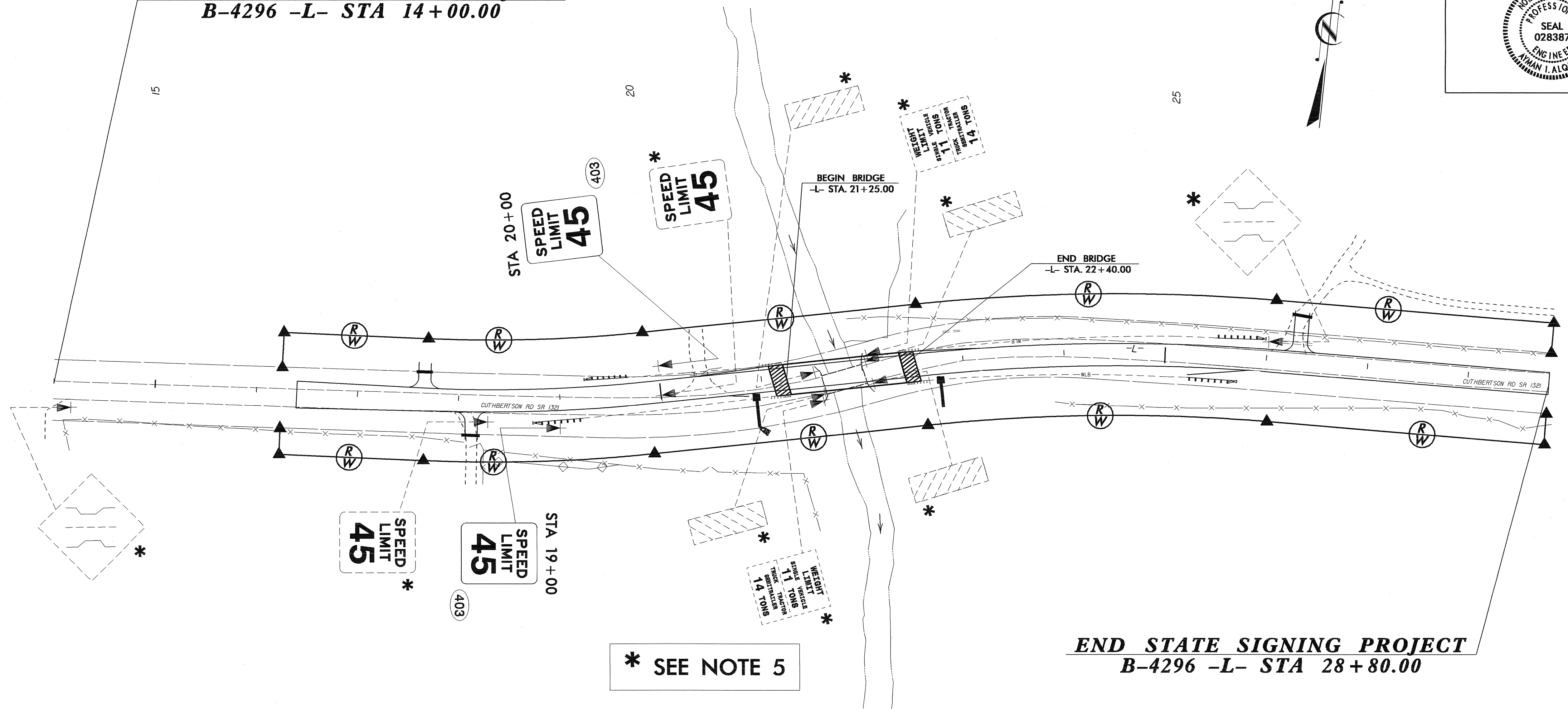
SEAL



TYPE "E" SIGNS

TIP NO. B-4296	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 8/19/08	
SEAL	
	

BEGIN STATE SIGNING PROJECT
B-4296 -L- STA 14+00.00



*** SEE NOTE 5**

END STATE SIGNING PROJECT
B-4296 -L- STA 28+80.00

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 14+00 TO 28+80
SR 1321/CUTHBERTSON RD
EXISTING/PROPOSED ROADWAY