


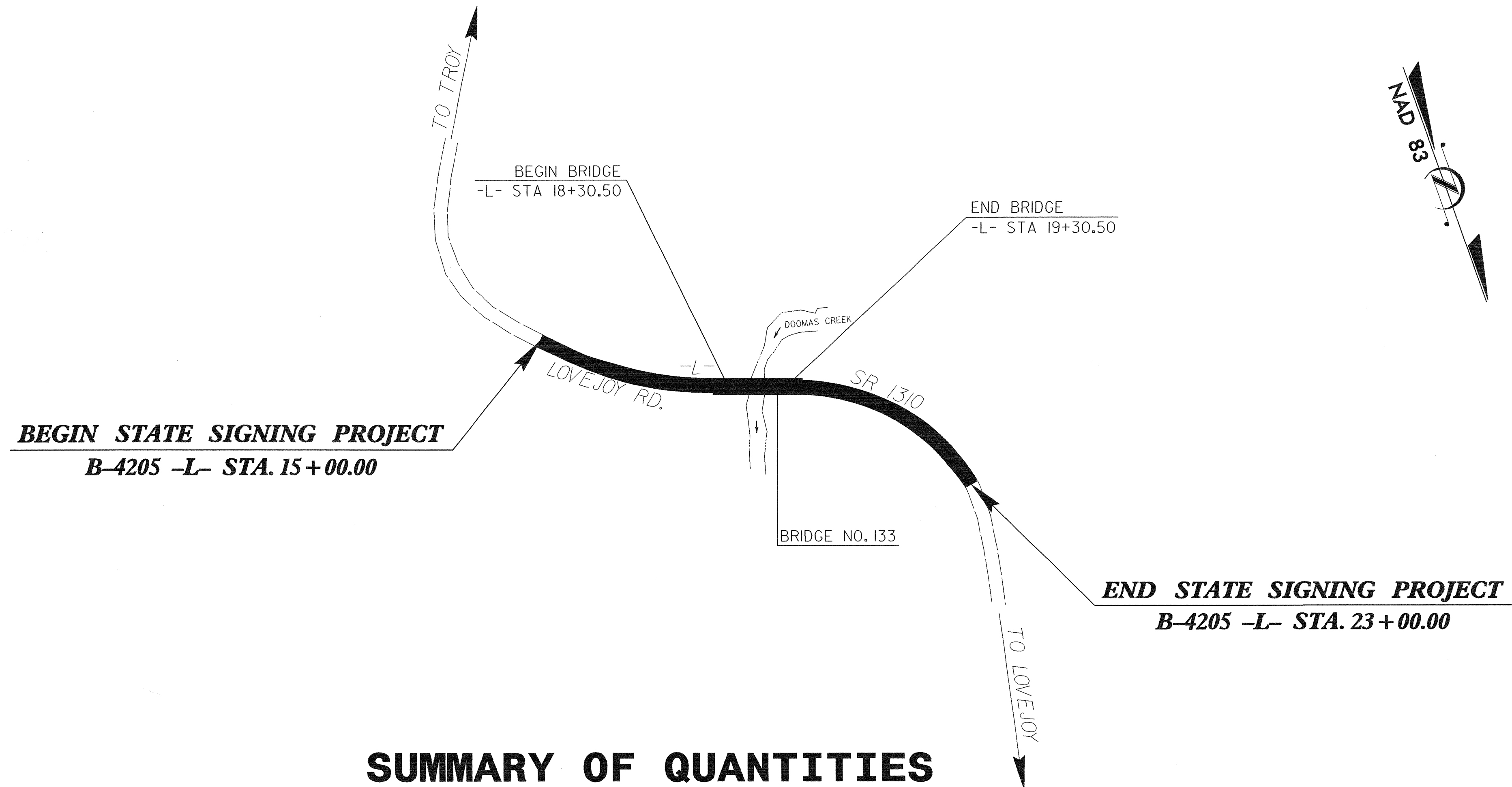
**CONTRACT NO.: C201814 T.I.P.: B-4205**

**STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION**

TIP NO. B-4205	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 12/31/07	
SEAL	
	

**SIGNING PLANS  
 MONTGOMERY COUNTY**

**LOCATION: BRIDGE NO. 133 AND APPROACHES ON SR 1310 OVER DOOMAS CREEK**



**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN .....	18	S.F.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL .....	36	L.F.
4102000000	904	SIGN ERECTION, TYPE E .....	6	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL .....	8	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD .....	3	EA.

**INDEX**

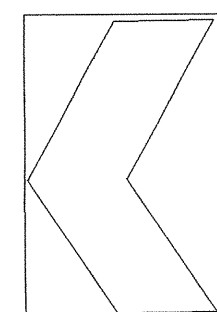
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	E SHEET
3	EXISTING/PROPOSED ROADWAY

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

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

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

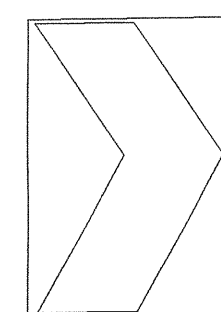
464 QUANTITY REQ'D 3



18" X 24"  
W1-8

ONE "U" POST PER SIGN

465 QUANTITY REQ'D 3



18" X 24"  
W1-8

MOUNT BACK TO BACK WITH SIGN 464  
IN 3 INSTALLATIONS

TIP NO. B-4205	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 12/31/07	
SEAL	

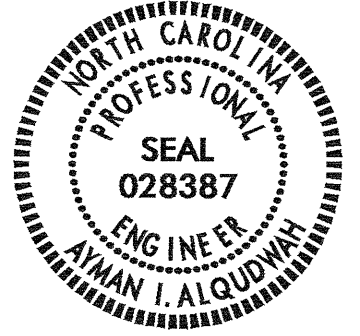
NOTE: THIS DRAWING IS DIMENSIONED  
IN INCHES UNLESS OTHERWISE  
DEPICTED WITHIN THE DRAWING.

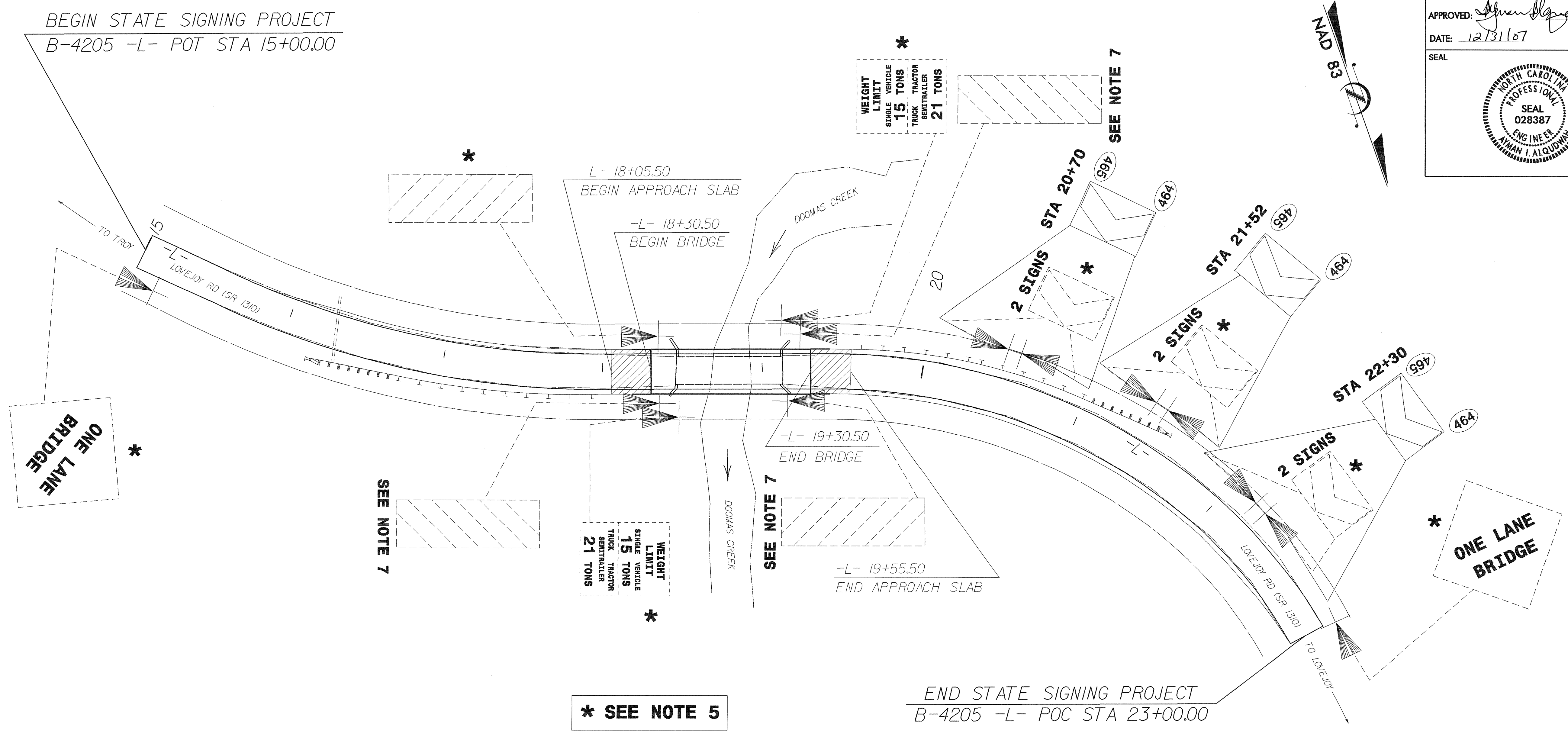
SEAL



**TYPE "E" SIGNS**

BEGIN STATE SIGNING PROJECT  
B-4205 -L- POT STA 15+00.00

TIP NO. B-4205	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 12/31/07	
SEAL	
	



\* SEE NOTE 5

END STATE SIGNING PROJECT  
B-4205 -L- POC STA 23+00.00

**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)

- 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 CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III REFLECTIVE SHEETING.
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
- RELOCATE SIGN, TYPE D, E, OR F.
- DISPOSAL OF SIGN SYSTEM, WOOD.
- DISPOSAL OF SIGN, D, E, OR F
- DISPOSAL OF SUPPORT, U-CHANNEL.

EXISTING/PROPOSED ROADWAY  
SR 1310  
STA 15+00 TO 23+00