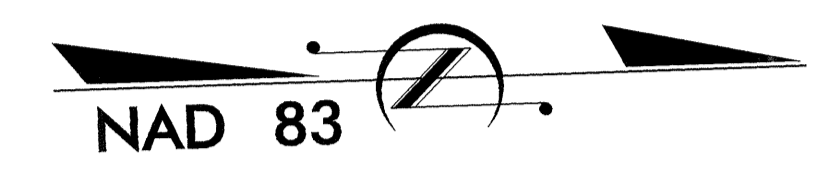


CONTRACT NO.: C201548 T.I.P.: B-4155

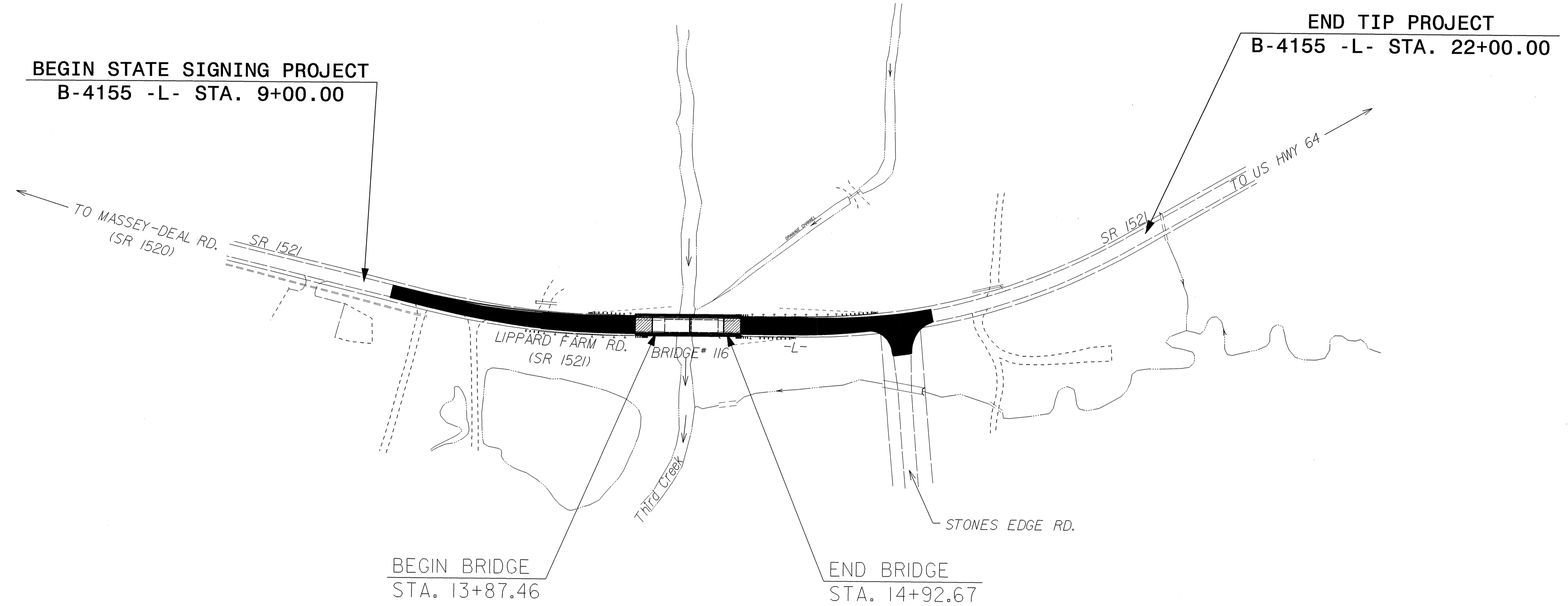
TIP NO. B-4155	SHEET NO. SIGN-1
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
IREDELL COUNTY**



LOCATION: BRIDGE NO. 116 OVER THIRD CREEK ON SR 1521 (LIPPARD FARM ROAD)



SUMMARY OF QUANTITIES

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED, TYPE E SIGN	17.5	S.F.
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	11	EA.

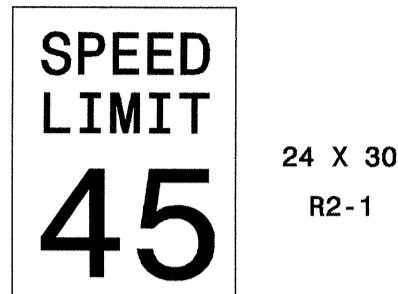
ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10 904.50

INDEX

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

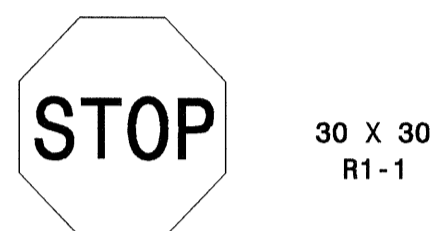
PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION	SEAL
R. W. KING, P.E. SIGNING ENGINEER	
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER	
J. G. MARTINEZ SIGNING PROJECT DESIGN ENGINEER	
R. R. HENNEIN SIGNING DESIGNER	

403 QUANTITY REQ'D _1_



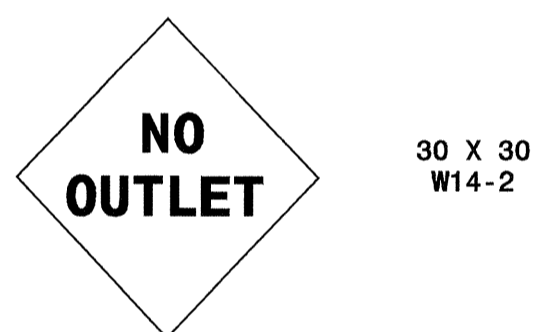
ONE "U" POST PER SIGN

408 QUANTITY REQ'D _1_



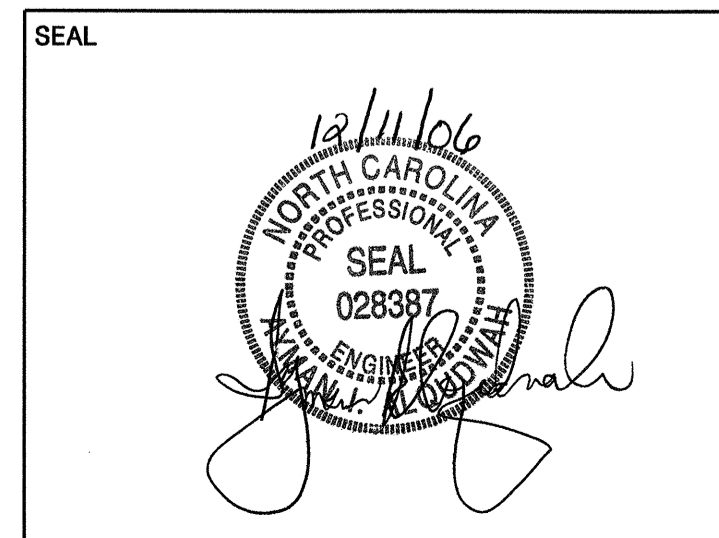
ONE "U" POST PER SIGN

462 QUANTITY REQ'D _1_

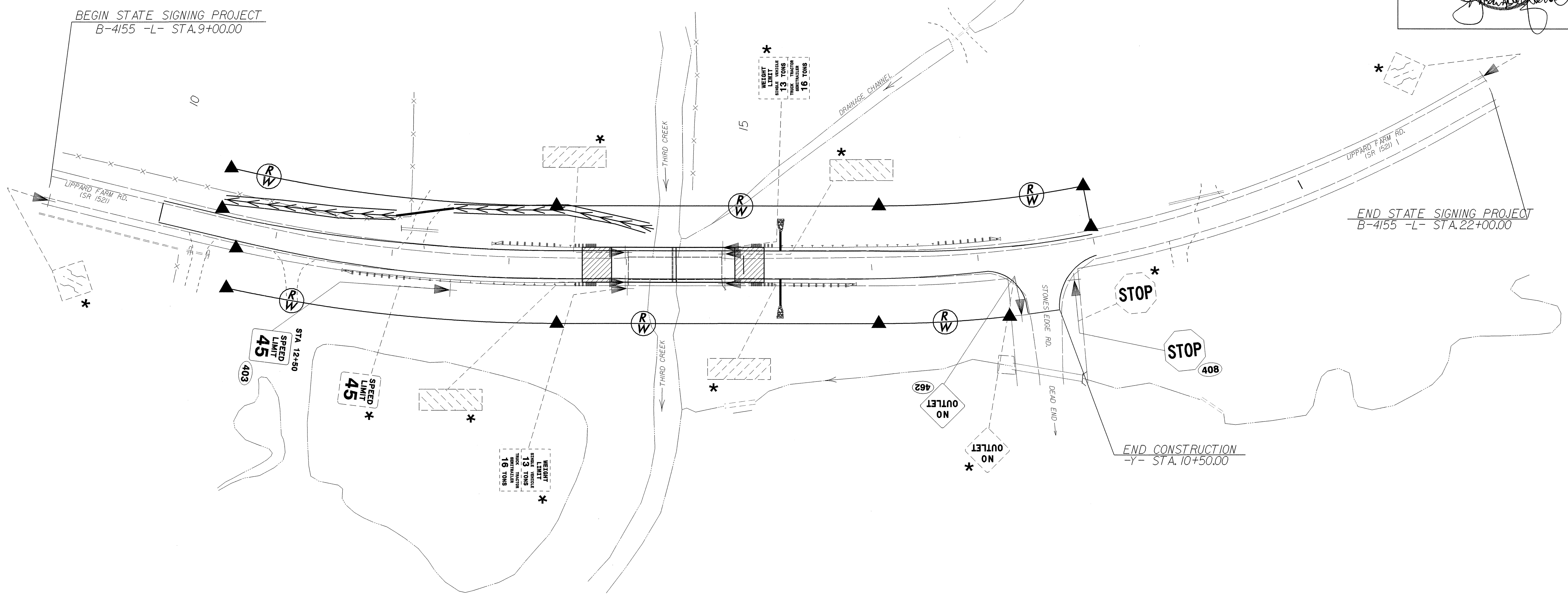


ONE "U" POST PER SIGN

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



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 CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III 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 SUPPORT, WOOD.
9. DISPOSAL OF SUPPORT, U-CHANNEL.

EXISTING/PROPOSED ROADWAY
SR 1521
STA 9+00 TO 22+00