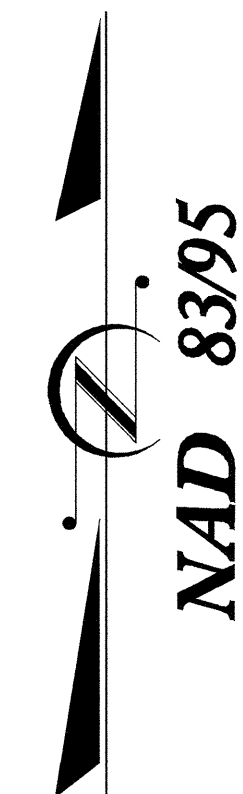


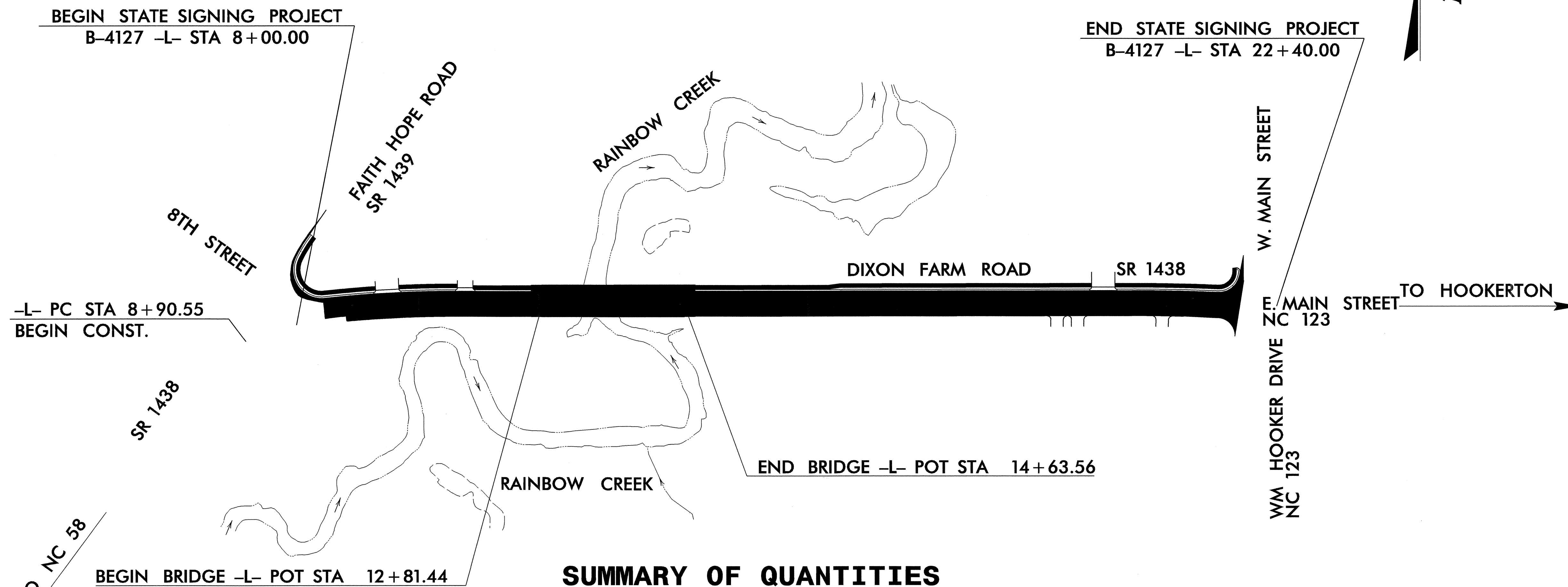
**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
GREENE COUNTY**

LOCATION: BRIDGE NO. 43 OVER RAINBOW CREEK ON SR 1438



CONTRACT NO.: C201639 T.I.P.: B-4127



SUMMARY OF QUANTITIES

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED, TYPE D SIGN	6.8	S.F.
4025000000	901		CONTRACTOR FURNISHED, TYPE E SIGN	34.5	S.F.
4025000000	901		CONTRACTOR FURNISHED, TYPE F SIGN	32.75	S.F.
4082000000	903		SUPPORTS, WOOD	200	L.F.
4096000000	904		SIGN ERECTION, TYPE D	1	EA.
4102000000	904		SIGN ERECTION, TYPE E	5	EA.
4108000000	904		SIGN ERECTION, TYPE F	2	EA.
4116100000	904		SIGN ERECTION, RELOCATE SIGN TYPE D	2	EA.
4116100000	904		SIGN ERECTION, RELOCATE SIGN TYPE E	5	EA.
4141000000	907		DISPOSAL OF SUPPORT, WOOD	4	EA.
4158000000	907		DISPOSAL OF SIGN SYSTEM, WOOD	11	EA.
4237000000	907		DISPOSAL OF SIGN, TYPE D, E, OR F	4	EA.

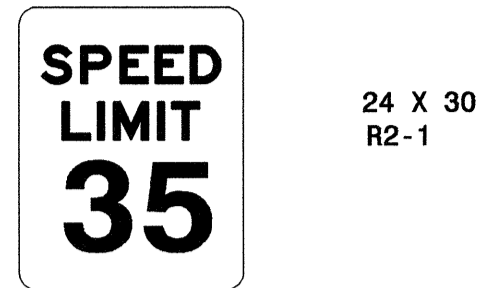
ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
903.20 904.10 904.50

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SIGN DESIGN
3	TYPE "E" & "F" SIGNS
4	EXISTING/PROPOSED ROADWAY

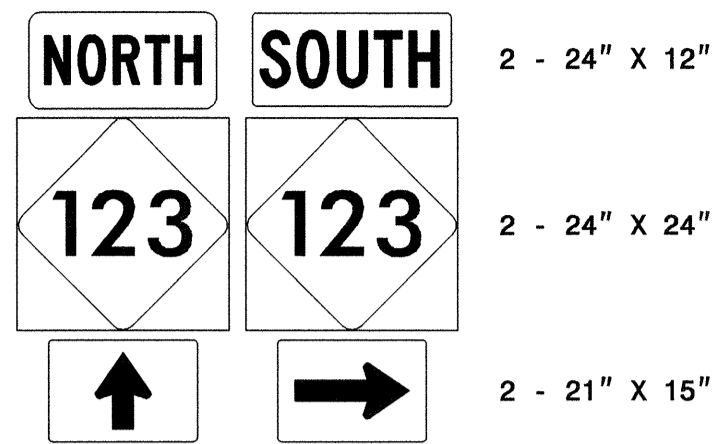
PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION	SEAL
R. W. KING, P.E. SIGNING ENGINEER	
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER	
D. M. EATON SIGNING PROJECT DESIGN ENGINEER	
R. R. HENNEIN SIGNING DESIGNER	

403 QUANTITY REQ'D 1



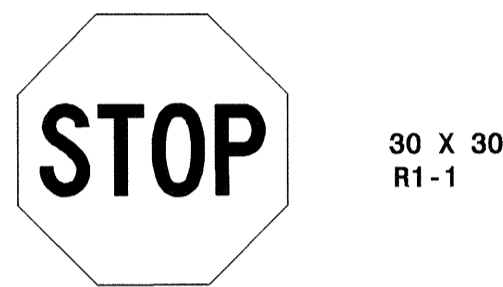
ONE WOOD POST PER SIGN

501



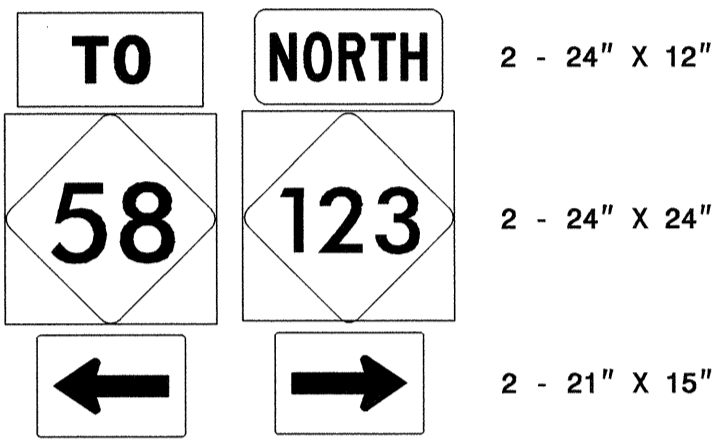
TWO WOOD POSTS PER SIGN

408 QUANTITY REQ'D 2



ONE WOOD POST PER SIGN

502



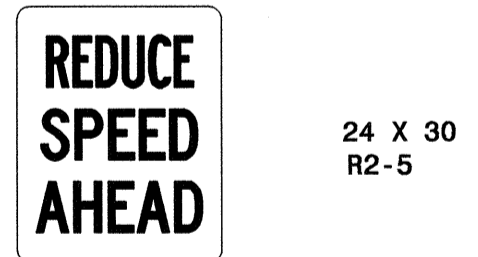
MOUNT BELOW SIGN 301
IN 1 INSTALLATION

451 QUANTITY REQ'D 1



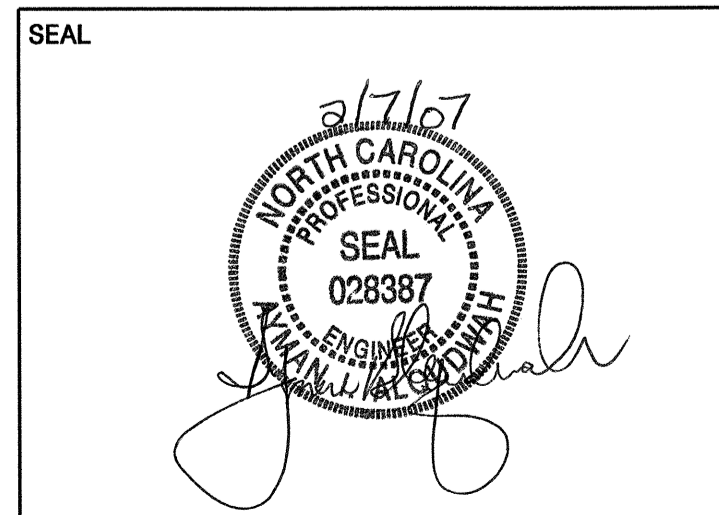
TWO WOOD POSTS PER SIGN

463 QUANTITY REQ'D 1

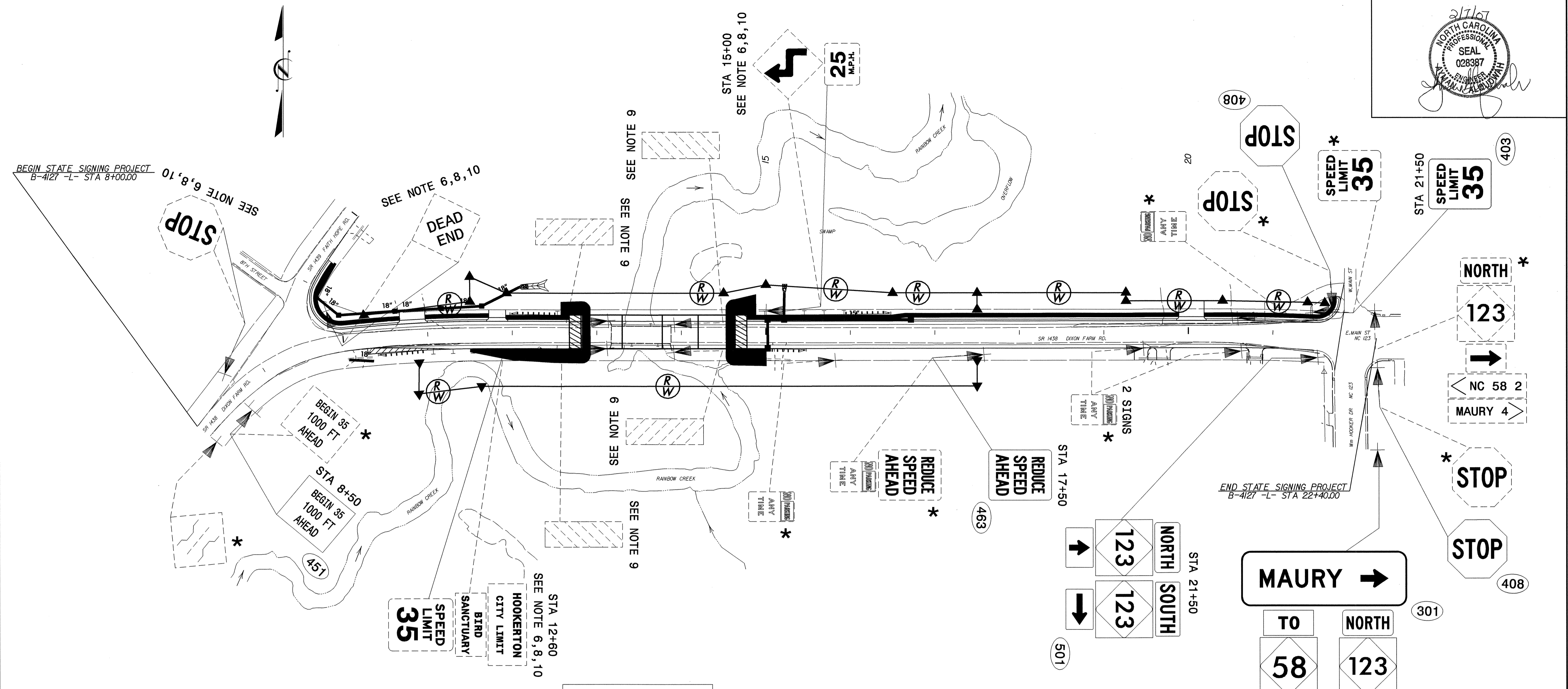


ONE WOOD POST PER SIGN

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



TYPE "E" SIGNS
&
TYPE "F" SIGNS



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 NOTE 7

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 SIGN, D, E OR F
10. ERECT EXISTING SIGNS ON WOOD POST.

EXISTING/PROPOSED ROADWAY
 SR 1438
 STA 8+00 TO 22+40