

T.I.P.: B-4184

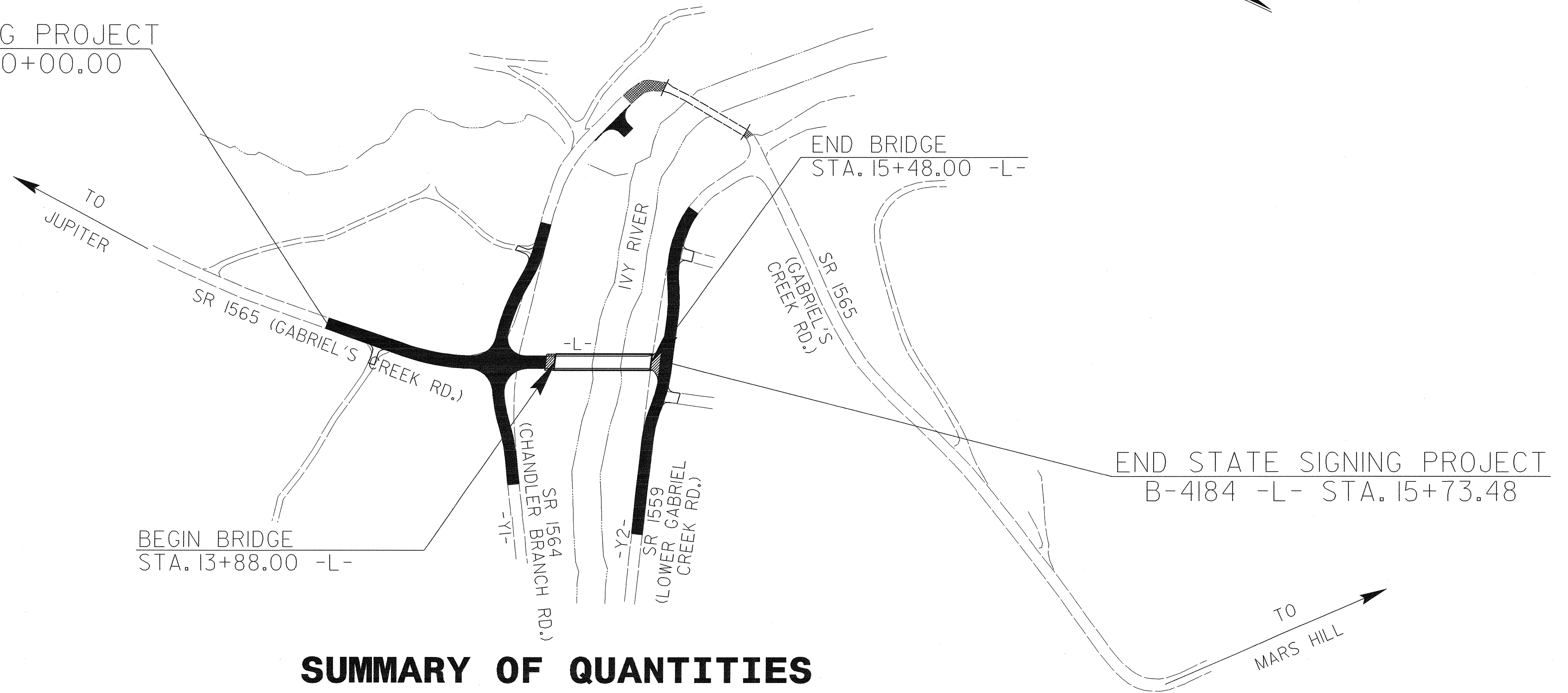
CONTRACT: C202034

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS  
MADISON COUNTY**

**LOCATION: BRIDGE NO. 4 OVER IVY RIVER ON SR 1565**

BEGIN STATE SIGNING PROJECT  
B-4184 -L- STA. 10+00.00



TIP NO. B-4184	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 8/20/08	

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	140	L.F.
4102000000	904	SIGN ERECTION, TYPE E	11	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	11	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	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

TIP NO. B-4184	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 8/25/05	
SEAL	
	

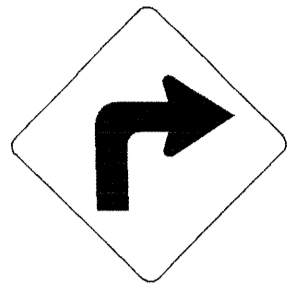
408 QUANTITY REQ'D 3



30 X 30  
R1-1

ONE "U" POST PER SIGN

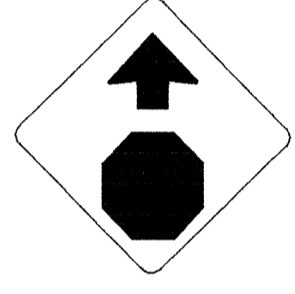
464 QUANTITY REQ'D 1



30 X 30  
W1-1R

ONE "U" POST PER SIGN

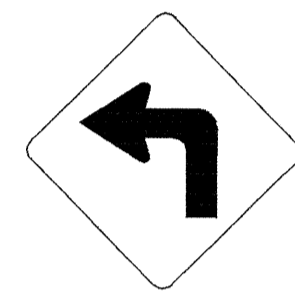
439 QUANTITY REQ'D 1



36 X 36  
W3-1

ONE "U" POST PER SIGN

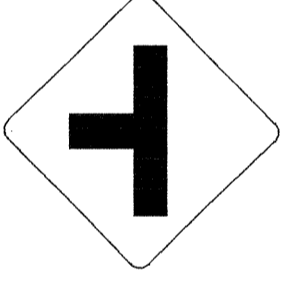
465 QUANTITY REQ'D 1



30 X 30  
W1-1L

ONE "U" POST PER SIGN


445 QUANTITY REQ'D 1



30 X 30  
W2-2L

ONE "U" POST PER SIGN

466 QUANTITY REQ'D 2

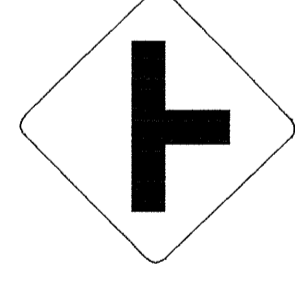


18 X 18  
W13-1

MOUNT BELOW SIGN 464  
IN 1 INSTALLATION

MOUNT BELOW SIGN 465  
IN 1 INSTALLATION

446 QUANTITY REQ'D 1



30 X 30  
W2-2R

ONE "U" POST PER SIGN

458 QUANTITY REQ'D 1

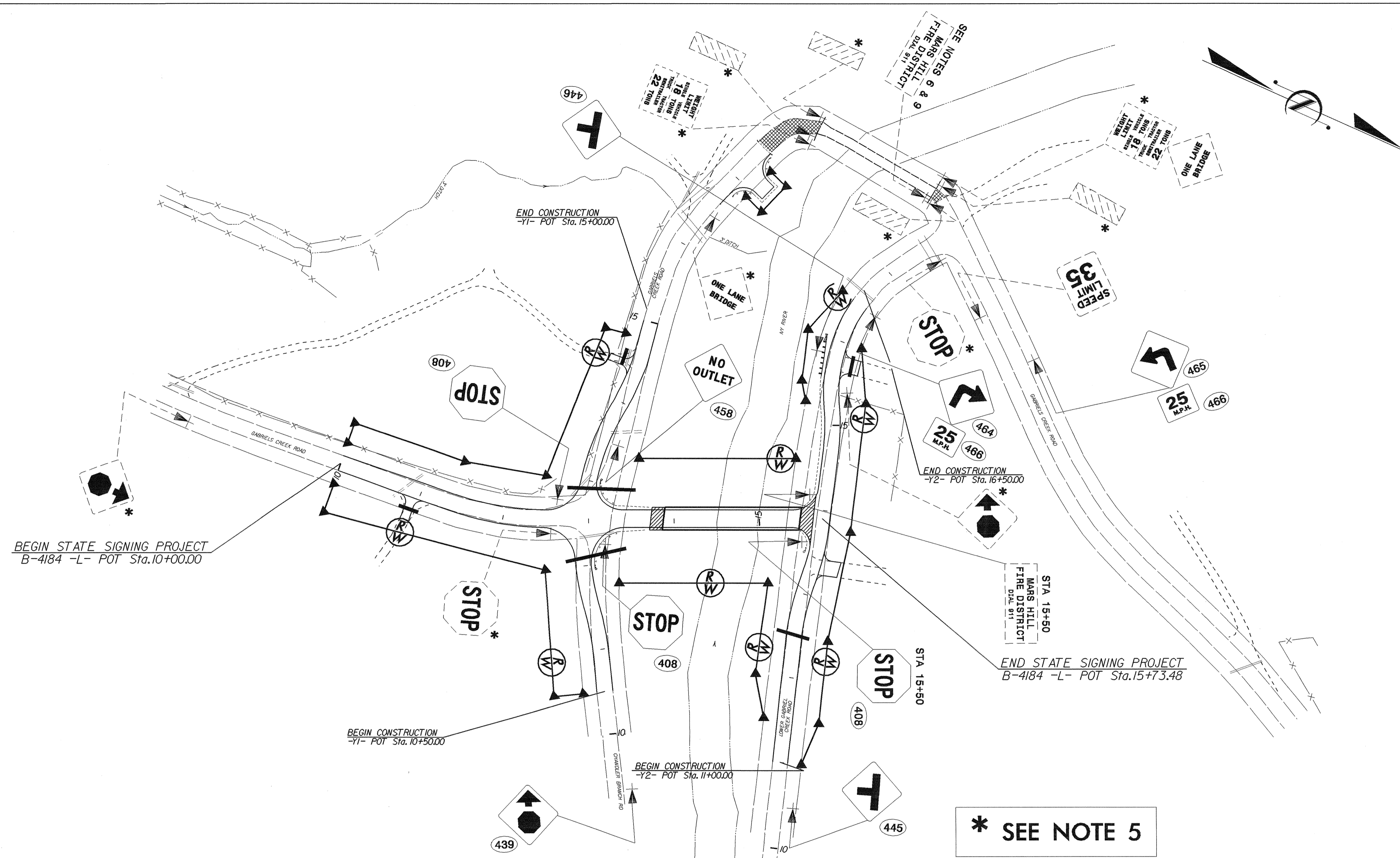


30 X 30  
W14-2

ONE "U" POST PER SIGN

TYPE "E" SIGNS

TIP NO. B-4184	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 8/26/08	
SEAL	



**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.

**\* SEE NOTE 5**

**STA 10+00 TO 15+73.48**  
**SR 1565/GABRIEL'S CREEK RD**  
**EXISTING/PROPOSED ROADWAY**