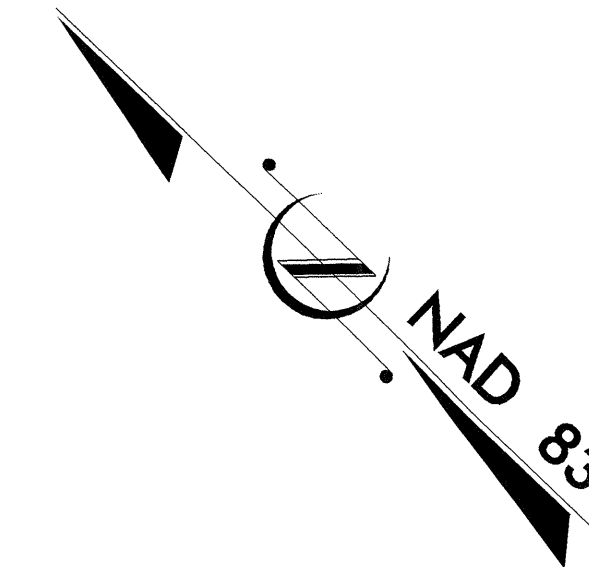


**CONTRACT NO.: C201477 T.I.P.: B-3189**

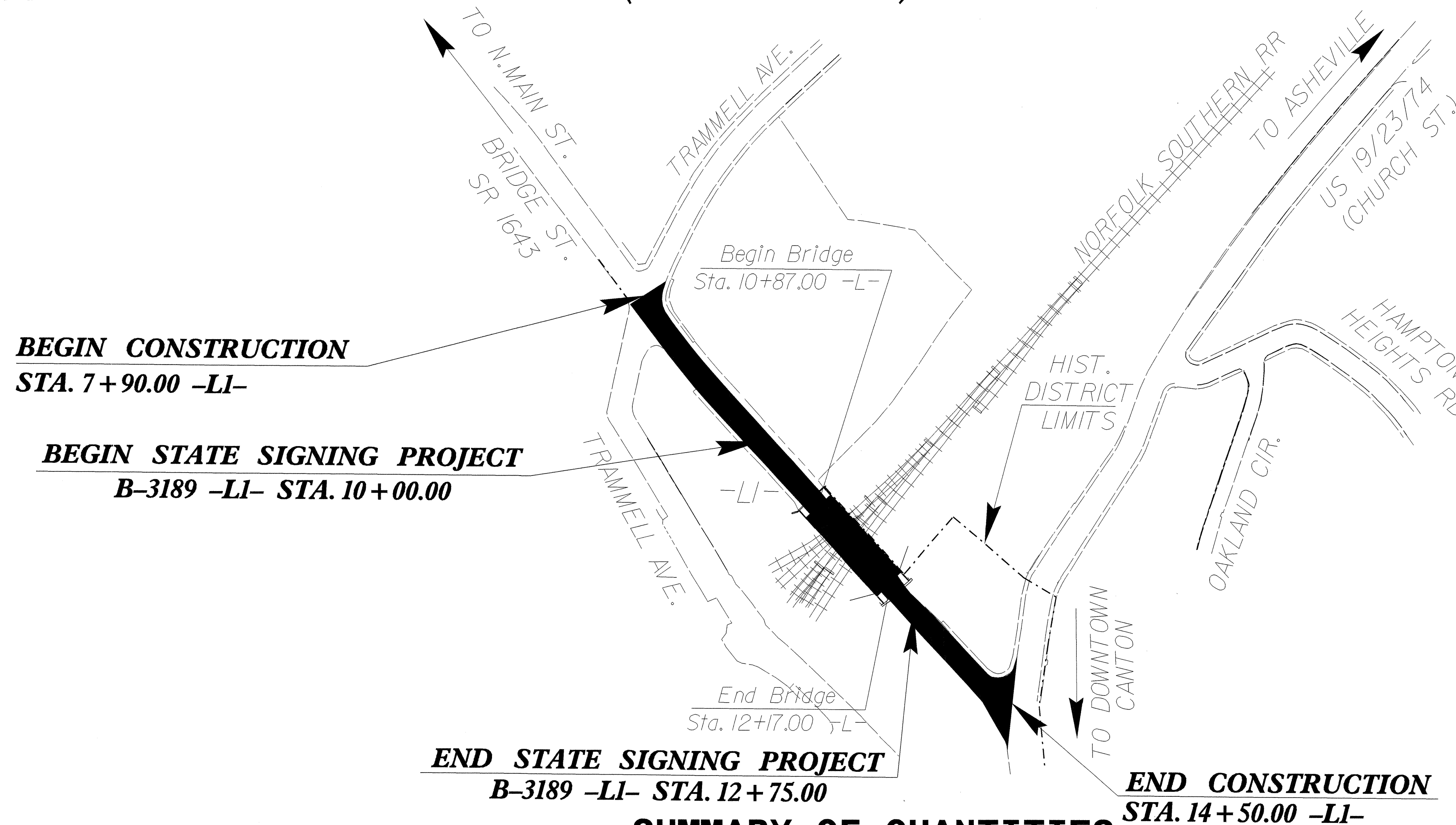
TIP NO. B-3189	SHEET NO. SIGN-1
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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS  
HAYWOOD COUNTY**



**LOCATION: BRIDGE NO. 272 ON SR 1643 (BRIDGE STREET) OVER NORFOLK-SOUTHERN RAILROAD IN CANTON**



**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	16.5	S.F.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	44	L.F.
4102000000	904	SIGN ERECTION, TYPE E	4	EA.
4116100000	904	SIGN ERECTION, RELOCATE TYPE E GROUND MOUNTED	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA.
4238000000	907	DISPOSAL OF SIGN, TYPE E	3	EA.

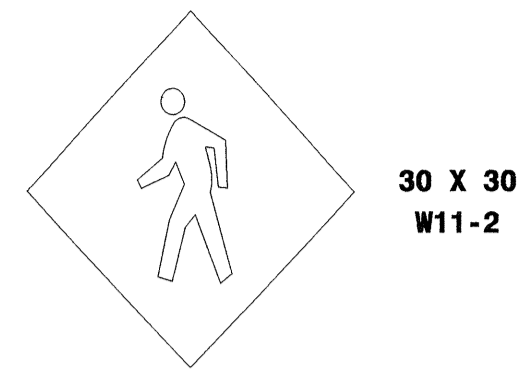
**ROADWAY STANDARD DRAWINGS  
APPLICABLE TO THESE SIGNING PLANS  
904.10 904.50**

**INDEX**

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

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

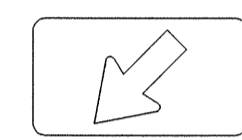
**461** QUANTITY REQ'D 2



30 X 30  
W11-2

YELLOW/GREEN REFLECTIVE SHEETING  
ONE "U" POST PER SIGN

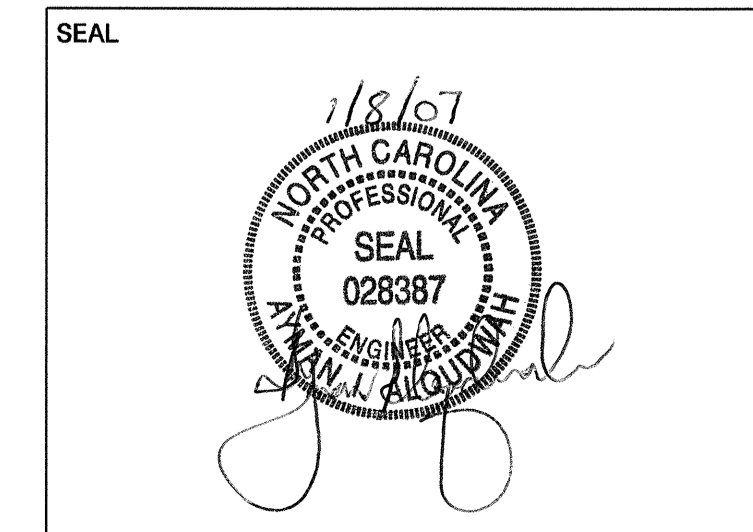
**464** QUANTITY REQ'D 2



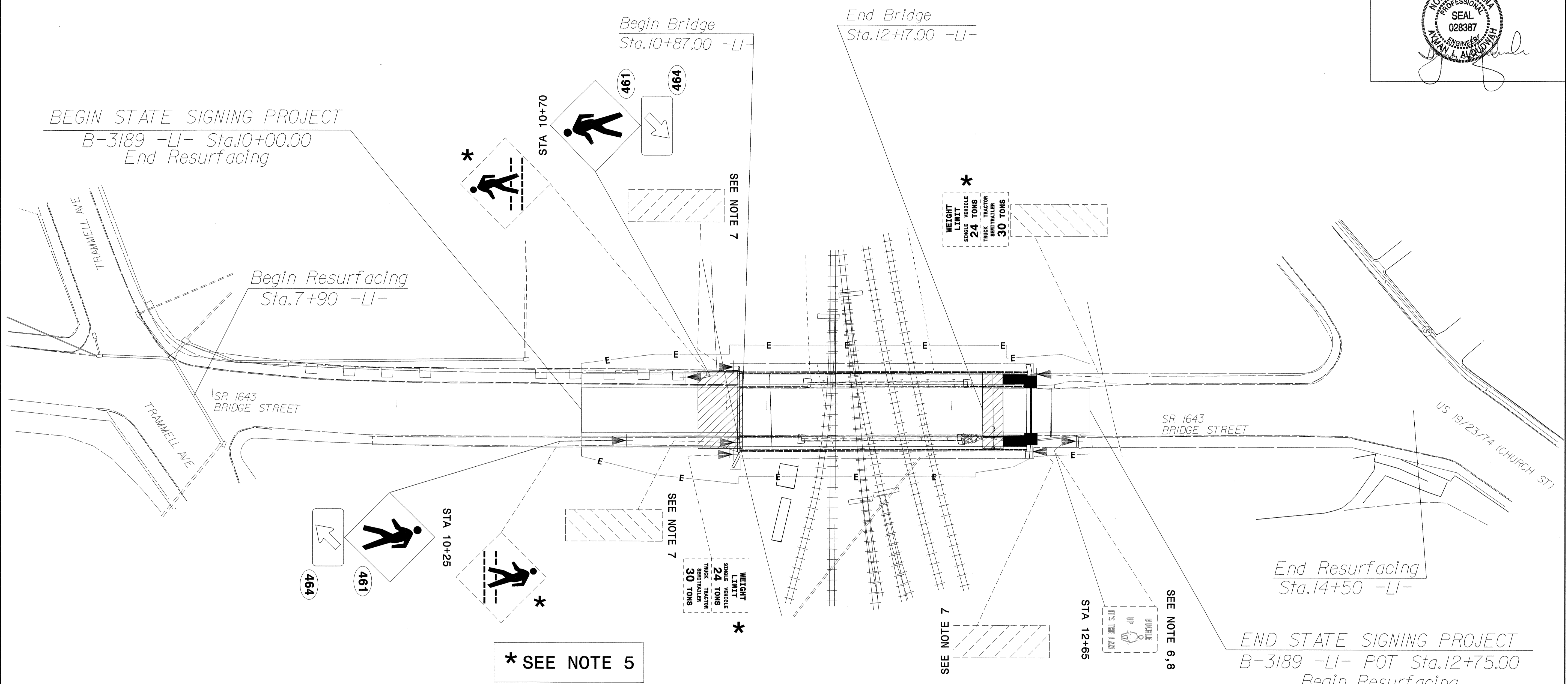
24 X 12  
W16-7p

YELLOW/GREEN REFLECTIVE SHEETING  
MOUNT BELOW SIGN 461  
IN 2 INSTALLATIONS

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



**TYPE "E" 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 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.
- SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED).
- DISPOSAL OF SIGN, TYPE E.
- DISPOSAL OF SUPPORT, U-CHANNEL

EXISTING/PROPOSED ROADWAY  
SR 1643  
STA 7+00 TO 15+00