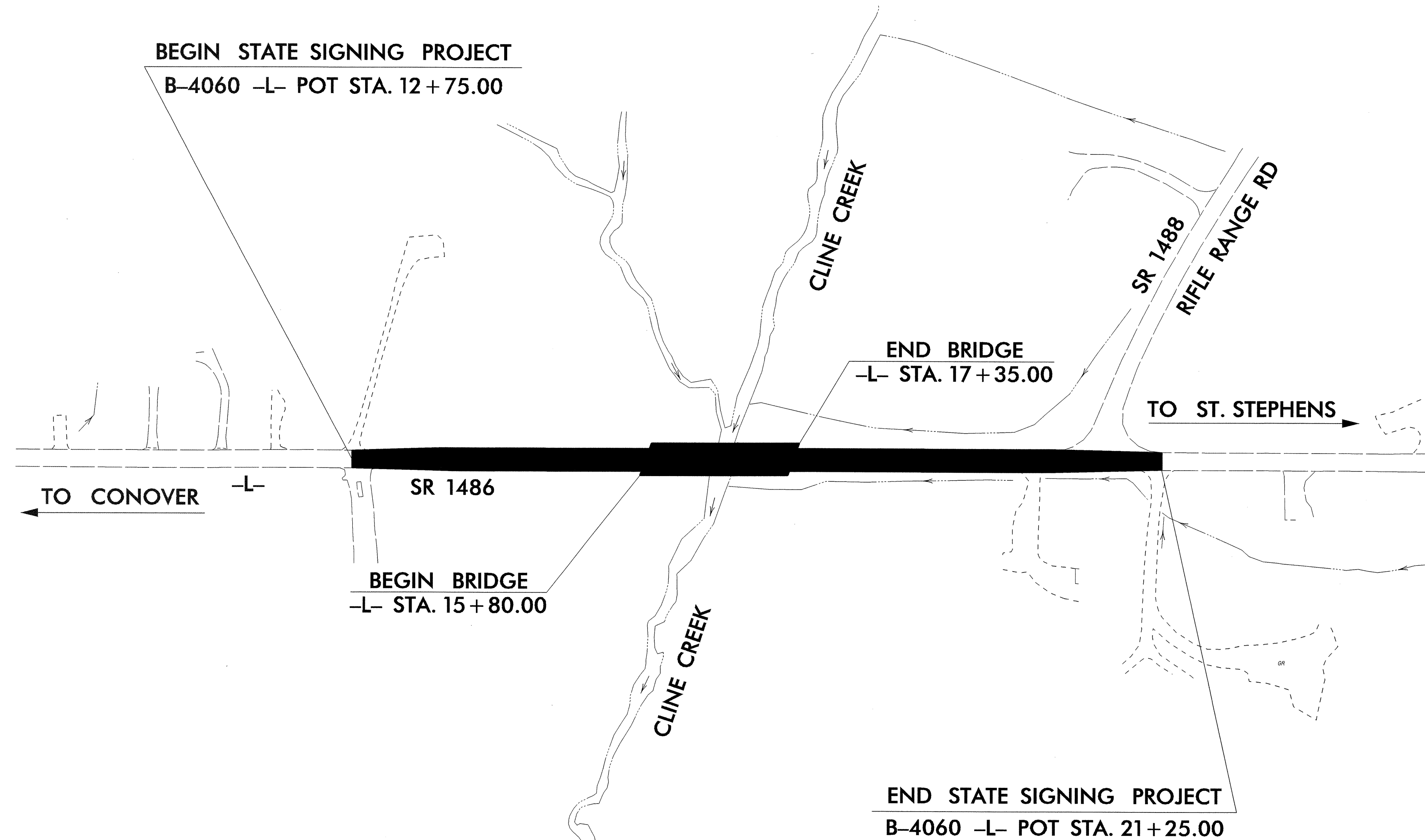


**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS  
CATAWBA COUNTY**

**LOCATION: BRIDGE NO. 17 OVER CLINE CREEK ON SR 1486 (LEE CLINE RD.)**



**SUMMARY OF QUANTITIES**

| ITEM NO.   | DESC. NO. | SECT. NO. | ITEM DESCRIPTION                   | QUANTITY | UNIT |
|------------|-----------|-----------|------------------------------------|----------|------|
| 4025000000 | 901       |           | CONTRACTOR FURNISHED, TYPE E SIGN  | 22.5     | S.F. |
| 4072000000 | 903       |           | SUPPORTS, 3-LB STEEL U-CHANNEL     | 53       | L.F. |
| 4102000000 | 904       |           | SIGN ERECTION, TYPE E              | 4        | EA.  |
| 4155000000 | 907       |           | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 7        | EA.  |
| 4158000000 | 907       |           | DISPOSAL OF SIGN SYSTEM, WOOD      | 2        | 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

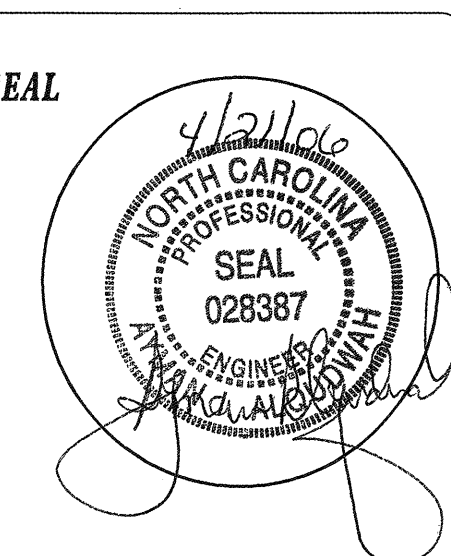
SEAL

\_\_\_\_\_  
RON KING, P.E. SIGNING ENGINEER

\_\_\_\_\_  
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER

\_\_\_\_\_  
D. M. EATON SIGNING PROJECT DESIGN ENGINEER

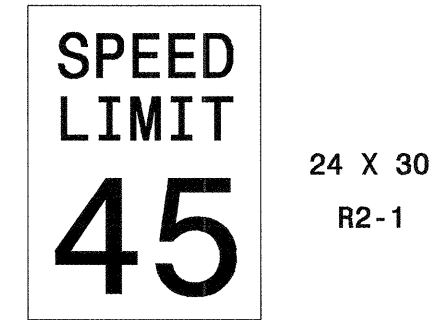
\_\_\_\_\_  
R. R. HENNEIN SIGNING DESIGNER



**T.I.P.: B-4060**

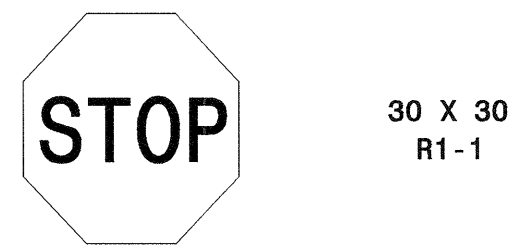
**CONTRACT NO.: C201427**

403 QUANTITY REQ'D 2



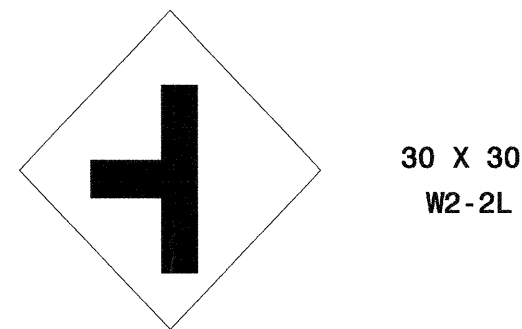
ONE "U" POST PER SIGN

408 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

449 QUANTITY REQ'D 1



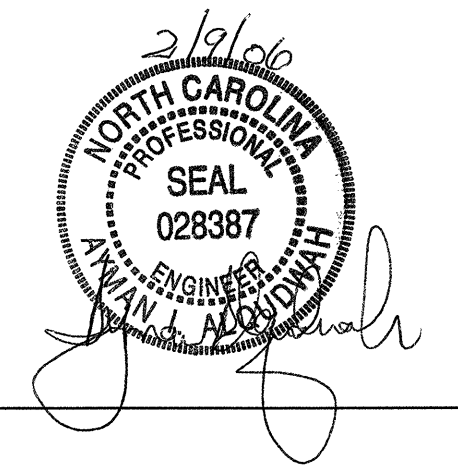
ONE "U" POST PER SIGN

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

SEAL

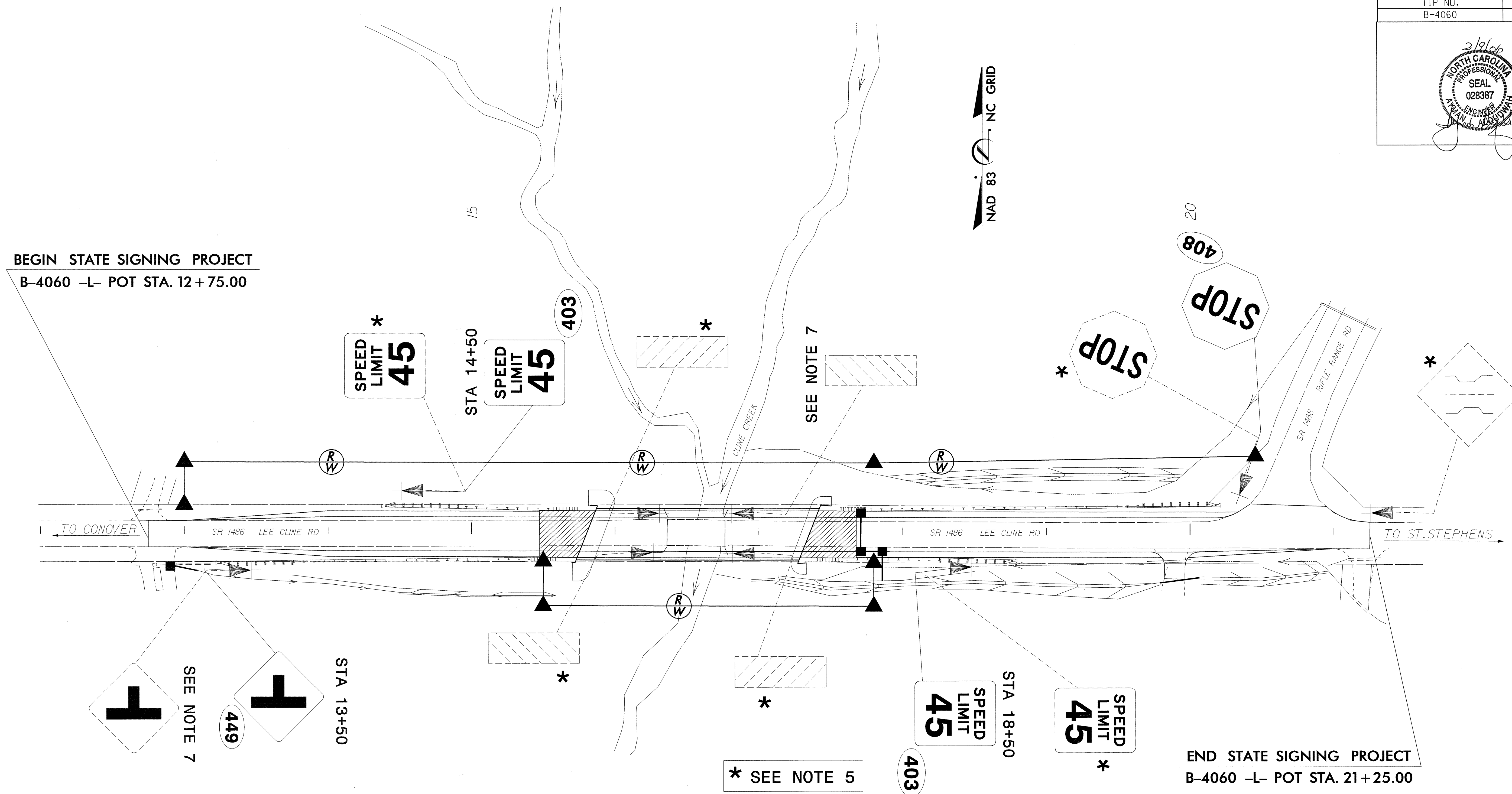


**TYPE "E" SIGNS**



BEGIN STATE SIGNING PROJECT  
B-4060 -L- POT STA. 12+75.00

END STATE SIGNING PROJECT  
B-4060 -L- POT STA. 21+25.00



**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.
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
- RELOCATE SIGN, TYPE D, E, OR F.
- DISPOSAL OF SIGN SYSTEM, WOOD.

EXISTING/PROPOSED ROADWAY  
SR 1486  
STA 12+00 TO 21+50