

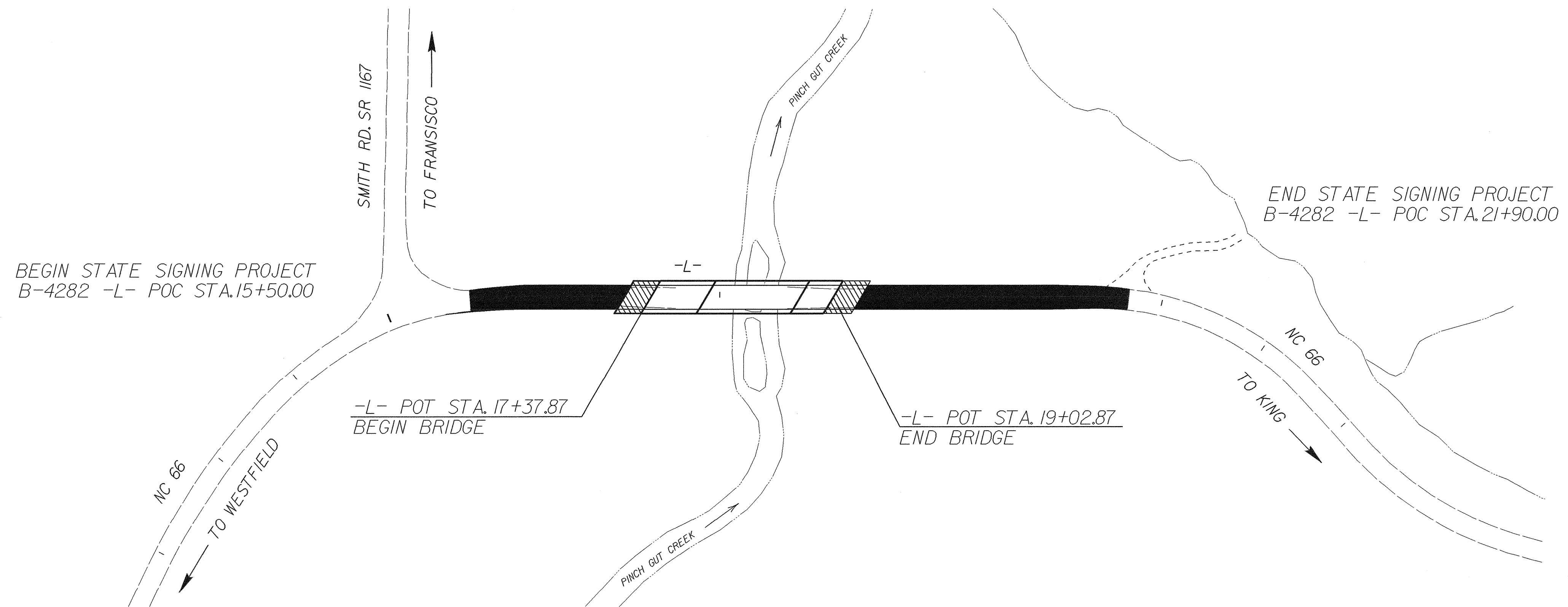
T.I.P.: B-4282

CONTRACT: C201774

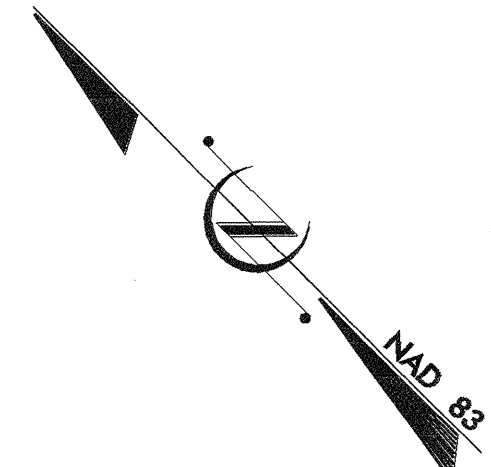
**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
STOKES COUNTY**

LOCATION: BRIDGE NO. 54 OVER PINCH GUT CREEK AND APPROACHES ON NC 66



| | |
|------------------------------|---------------------|
| TIP NO. B-4282 | SHEET NO. SIGN-1 |
| APPROVED: <i>[Signature]</i> | |
| DATE: 11/6/07 | |
| SEAL | |



SUMMARY OF QUANTITIES

| ITEM NO. | | | QUANTITY | UNIT |
|------------|-----------|------------------------------------|----------|------|
| DESC. NO. | SECT. NO. | ITEM DESCRIPTION | | |
| 4025000000 | 901 | CONTRACTOR FURNISHED, TYPE D SIGN | 9 | S.F. |
| 4025000000 | 901 | CONTRACTOR FURNISHED, TYPE E SIGN | 12.50 | S.F. |
| 4072000000 | 903 | SUPPORTS, 3 LB STEEL U-CHANNEL | 62 | L.F. |
| 4096000000 | 904 | SIGN ERECTION, TYPE D | 1 | EA. |
| 4102000000 | 904 | SIGN ERECTION, TYPE E | 2 | EA. |
| 4155000000 | 907 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 7 | EA. |

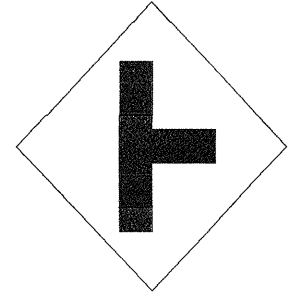



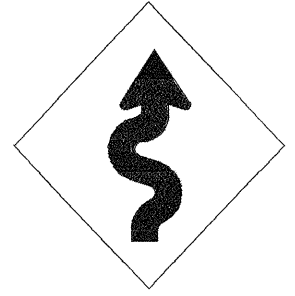
INDEX

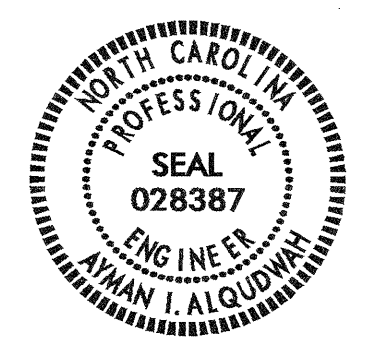
| SHEET NO. | DESCRIPTION |
|-----------|---------------------------|
| 1 | TITLE SHEET |
| 2 | TYPE "D" SIGNS |
| 3 | TYPE "E" SIGNS |
| 4 | EXISTING/PROPOSED ROADWAY |

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

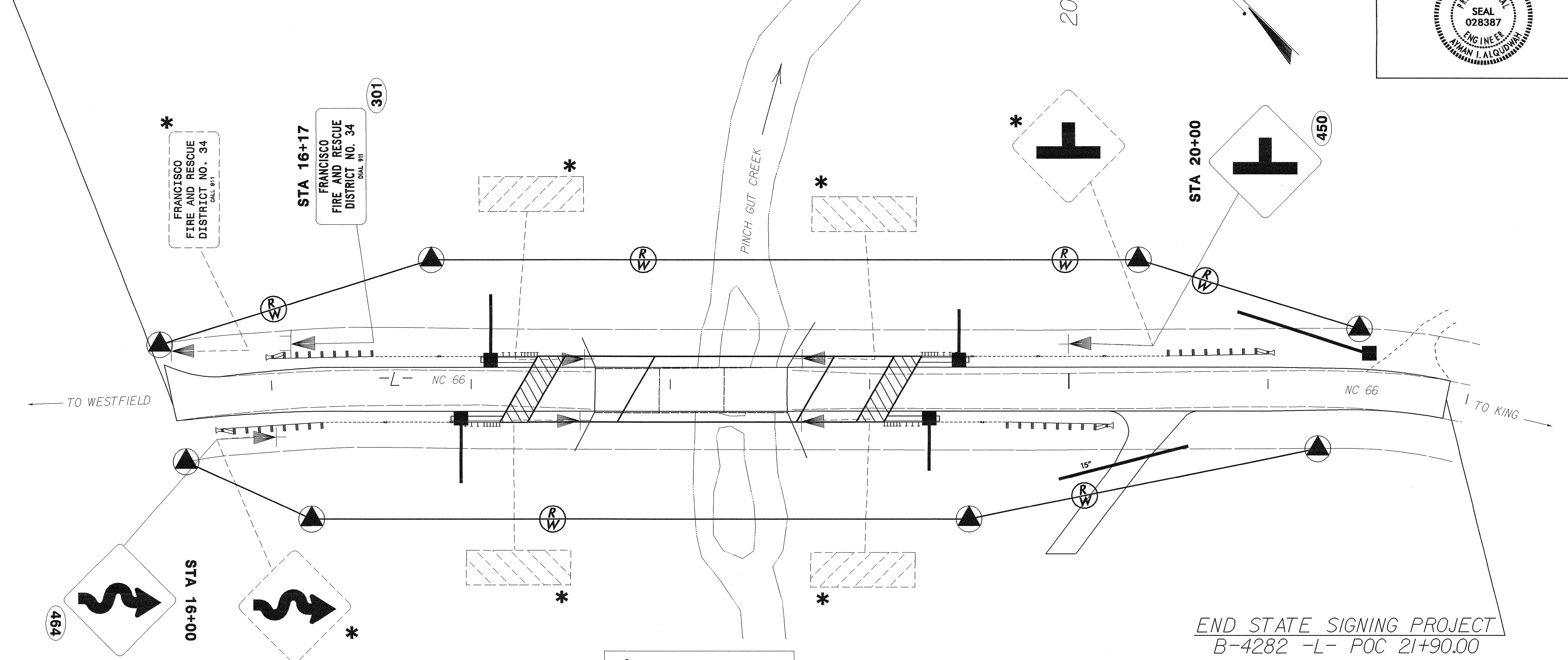
R. W. KING, PE SIGNING ENGINEER
A. I. ALQUDWAH, PE SIGNING PROJECT ENGINEER
D. M. EATON SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN SIGNING DESIGNER

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

| | | | | | | | | | | | | | | | | |
|--|---------------------|--|--|--|--|---|-------------------|---------------------|------------------------------|--|----------------------|--|------|--|---|--|
| <p>450 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W2-2R</p> <p>ONE "U" POST PER SIGN</p> | | | | | | <table border="1"> <tr> <td>TIP NO. B-4282</td> <td>SHEET NO. SIGN-3</td> </tr> <tr> <td colspan="2">APPROVED: <i>[Signature]</i></td> </tr> <tr> <td colspan="2">DATE: <u>11/6/07</u></td> </tr> <tr> <td colspan="2">SEAL</td> </tr> <tr> <td colspan="2">  </td> </tr> </table> | TIP NO. B-4282 | SHEET NO. SIGN-3 | APPROVED: <i>[Signature]</i> | | DATE: <u>11/6/07</u> | | SEAL | |  | |
| TIP NO. B-4282 | SHEET NO. SIGN-3 | | | | | | | | | | | | | | | |
| APPROVED: <i>[Signature]</i> | | | | | | | | | | | | | | | | |
| DATE: <u>11/6/07</u> | | | | | | | | | | | | | | | | |
| SEAL | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| <p>464 QUANTITY REQ'D <u>1</u></p>  <p>30 X 30 W1-5R</p> <p>ONE "U" POST PER SIGN</p> | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | <p style="text-align: center;">TYPE "E" SIGNS</p> | | | | | | | | | | |



BEGIN STATE SIGNING PROJECT
B-4282 -L- POC 15+50.00



END STATE SIGNING PROJECT
B-4282 -L- POC 21+90.00

*** 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 SIGN, D, E, OR F.
9. DISPOSAL OF SUPPORT, U-CHANNEL.

STA 15+50 TO 22+00
NC 66
EXISTING/PROPOSED ROADWAY