

| | |
|-------------------------|---------------------|
| TIP NO. B-4660 | SHEET NO. SIGN-1 |
| APPROVED: <i>R.W.F.</i> | |
| DATE: 6/14/11 | |
| SEAL | |
| | |

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
WAKE COUNTY**

LOCATION: BRIDGE NO. 19 OVER NEUSE RIVER ON SR 2000

T.I.P.: B-4660

CONTRACT: C202580

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES

| ITEM NO. | ITEM DESCRIPTION | | QUANTITY | UNIT |
|------------|------------------|--|----------|------|
| DESC. NO. | SECT. NO. | | | |
| 4072000000 | 903 | SUPPORTS, 3 LB STEEL U-CHANNEL..... | 250 | L.F. |
| 4096000000 | 904 | SIGN ERECTION, TYPE D..... | 4 | EA. |
| 4102000000 | 904 | SIGN ERECTION, TYPE E..... | 6 | EA. |
| 4116100000 | 904 | SIGN ERECTION, RELOCATE SIGN TYPE E..... | 1 | EA. |
| 4155000000 | 907 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL..... | 19 | EA. |
| 4192000000 | 907 | DISPOSAL OF SUPPORT, U-CHANNEL..... | 1 | EA. |

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

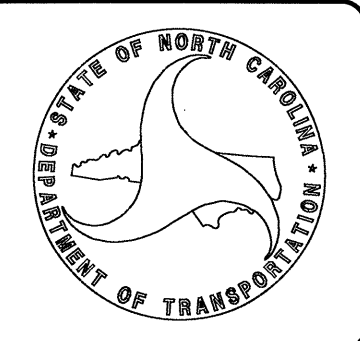
| STD. NO. | TITLE |
|----------|--|
| 901.50 | ARROWS AND SHIELDS |
| 904.10 | ORIENTATION OF GROUND MOUNTED SIGNS |
| 904.50 | MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS |

PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 SIGN ERECTION, RELOCATE SIGN TYPE E
- 3 DISPOSAL OF SUPPORT, U-CHANNEL


PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

SUSAN KUNZ SIGNING & DELINEATION REGIONAL ENGINEER
 GEORGE TERLIZZI SIGNING & DELINEATION DESIGN ENGINEER



INDEX

| SHEET NO. | DESCRIPTION |
|-----------|-------------------------------|
| SIGN-1 | TITLE SHEET |
| SIGN-2 | TYPE "D" SIGNS |
| SIGN-3 | TYPE "E" SIGNS |
| SIGN-4 | EXISTING SIGN PLAN VIEW SHEET |
| SIGN-5 | PROPOSED SIGN PLAN VIEW SHEET |

| | |
|---|---------------------|
| TIP NO. B-4660 | SHEET NO. SIGN-2 |
| APPROVED: <i>[Signature]</i> | |
| DATE: 6/14/11 | |
| SEAL | |
|  | |

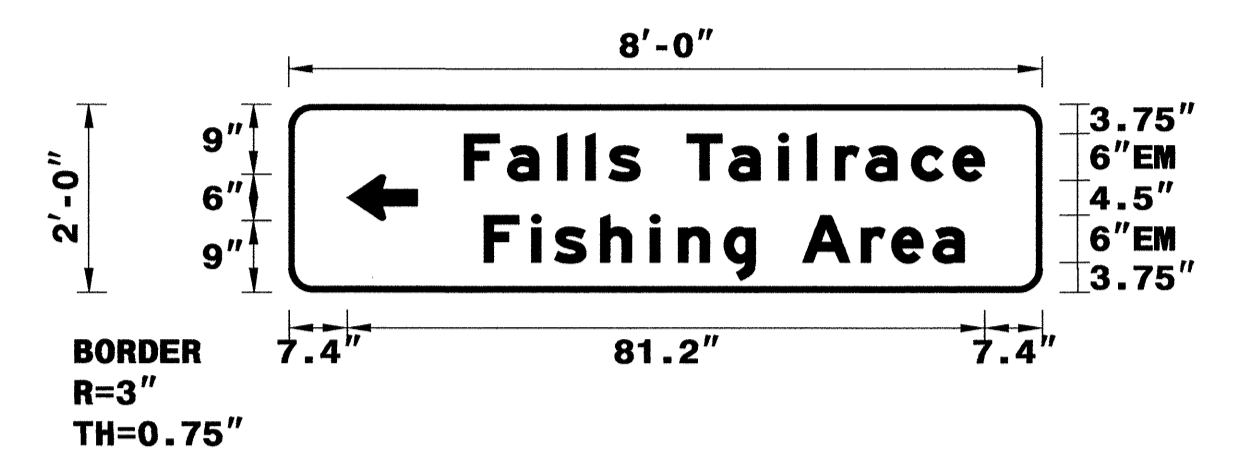
SIGN NUMBER: 301
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 8'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 16.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Brown
 COPY COLOR: White

| SYMBOL | X | Y | WID | HT |
|--------|-----|---|-----|----|
| ARUP | 7.4 | 9 | 6 | 9 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TERLIZZI
 PROJECT ID: B-4660
 CHECKED BY: SUSAN B. KUNZ
 DIV: 5
 DATE: Apr 13, 2011



USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

| Letter spacings are to start of next letter | | | | | | | | | | | | | | Series/Size | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|---------|------|
| | | | | | | | | | | | | | | Text Length | | |
| F | a | l | l | s | T | a | i | l | r | a | c | e | | | EM 2000 | |
| 22.4 | 5.5 | 6.4 | 3.6 | 2.9 | 4 | 6 | 5.3 | 6.4 | 3.6 | 3.6 | 3.9 | 5.8 | 5.3 | 4 | 7.4 | 66.2 |
| F | i | s | h | i | n | g | A | r | e | a | | | | | EM 2000 | |
| 24.9 | 6.1 | 2.9 | 5.8 | 6.4 | 3.6 | 5.8 | 4 | 6 | 7.5 | 3.9 | 5.3 | 4 | 9.9 | | 61.2 | |

FILENAME: SIGNDESIGNS NORTH CAROLINA D.O.T. SIGN DETAIL

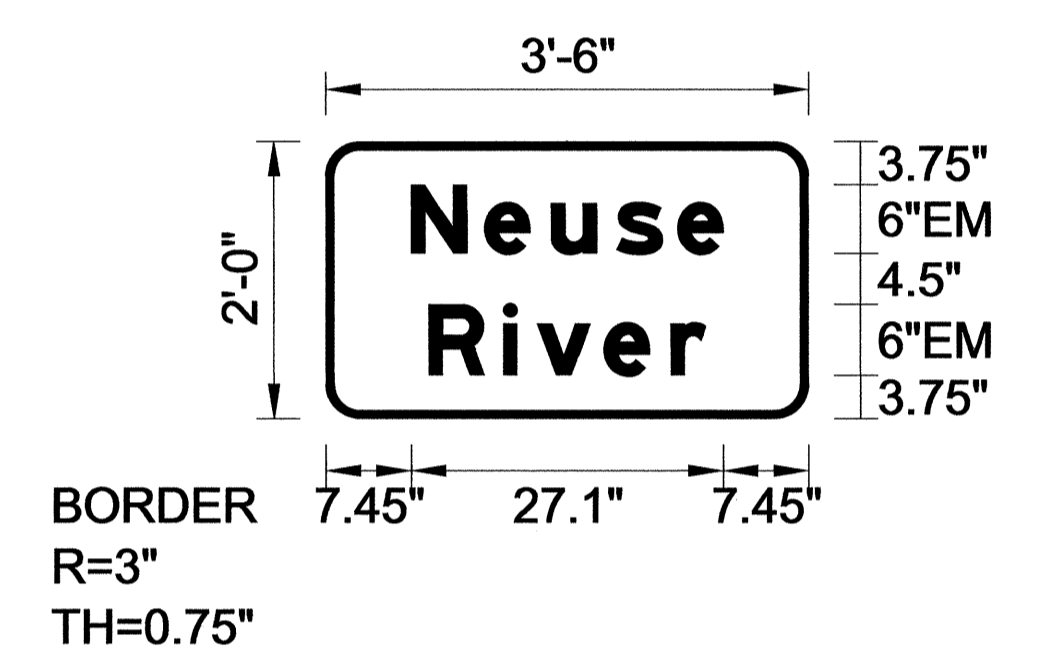
SIGN NUMBER: 302,304
 TYPE: D
 QUANTITY: 2
 SIGN WIDTH: 3'-6"
 HEIGHT: 2'-0"
 TOTAL AREA: 7.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green
 COPY COLOR: White

| SYMBOL | X | Y | WID | HT |
|--------|---|---|-----|----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TERLIZZI
 PROJECT ID: B-4660
 CHECKED BY: SUSAN B. KUNZ
 DIV: 5
 DATE: Apr 13, 2011



USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

| Letter spacings are to start of next letter | | | | | | | | | | Series/Size |
|---|-----|-----|-----|-----|---|-----|--|--|--|-------------|
| | | | | | | | | | | Text Length |
| N | e | u | s | e | | | | | | EM 2000 |
| 7.4 | 6.4 | 5.8 | 5.7 | 5.3 | 4 | 7.4 | | | | 27.1 |
| R | i | v | e | r | | | | | | EM 2000 |
| 9 | 6.5 | 2.9 | 5.8 | 5.8 | 3 | 9 | | | | 24.1 |

FILENAME: SIGNDESIGNS NORTH CAROLINA D.O.T. SIGN DETAIL

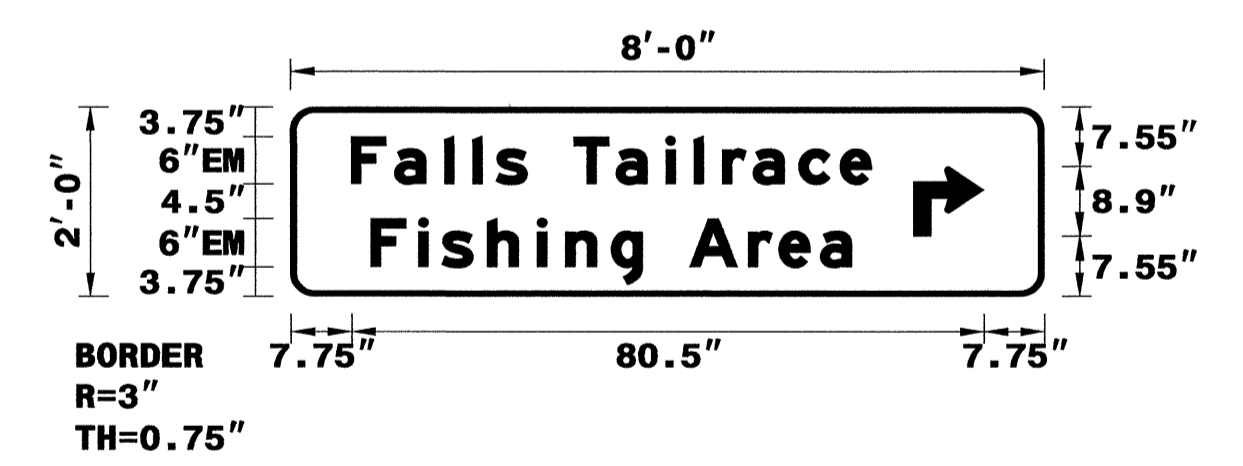
SIGN NUMBER: 303
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 8'-0"
 HEIGHT: 2'-0"
 TOTAL AREA: 16.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Brown
 COPY COLOR: White

| SYMBOL | X | Y | WID | HT |
|--------|------|-----|-----|-----|
| AR9OR1 | 79.4 | 7.5 | 8.9 | 8.9 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TERLIZZI
 PROJECT ID: B-4660
 CHECKED BY: SUSAN B. KUNZ
 DIV: 5
 DATE: Apr 13, 2011



USE NOTES: 1,2
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.

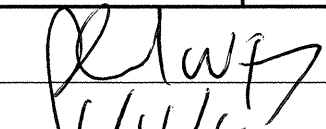
Spacing Factor is 1 unless specified otherwise

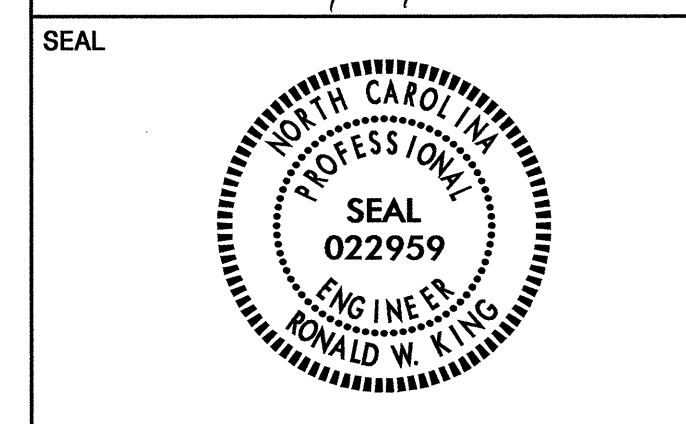
LETTER POSITIONS

| Letter spacings are to start of next letter | | | | | | | | | | | | | | Series/Size | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------------|---------|------|
| | | | | | | | | | | | | | | Text Length | | |
| F | a | l | l | s | T | a | i | l | r | a | c | e | | | EM 2000 | |
| 7.7 | 5.5 | 6.4 | 3.6 | 2.9 | 4 | 6 | 5.3 | 6.4 | 3.6 | 3.6 | 3.9 | 5.8 | 5.3 | 4 | 22 | 66.2 |
| F | i | s | h | i | n | g | A | r | e | a | | | | | EM 2000 | |
| 10.2 | 6.1 | 2.9 | 5.8 | 6.4 | 3.6 | 5.8 | 4 | 6 | 7.5 | 3.9 | 5.3 | 4 | 24.6 | | 61.2 | |

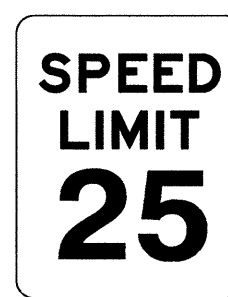
FILENAME: SIGNDESIGNS NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

APPROVED: 
 DATE: 6/14/11



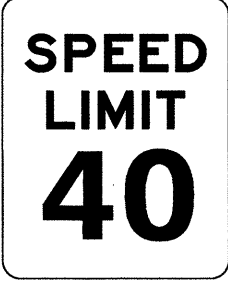
401 QUANTITY REQ'D 1



24 X 30
R2-1

ONE "U" POST PER SIGN

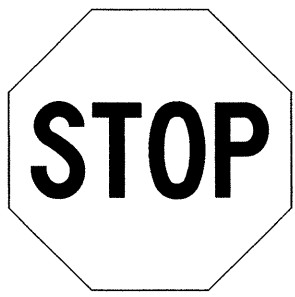
402 QUANTITY REQ'D 1



24 X 30
R2-1

ONE "U" POST PER SIGN


403 QUANTITY REQ'D 3



30 X 30
R1-1

ONE "U" POST PER SIGN

404 QUANTITY REQ'D 1

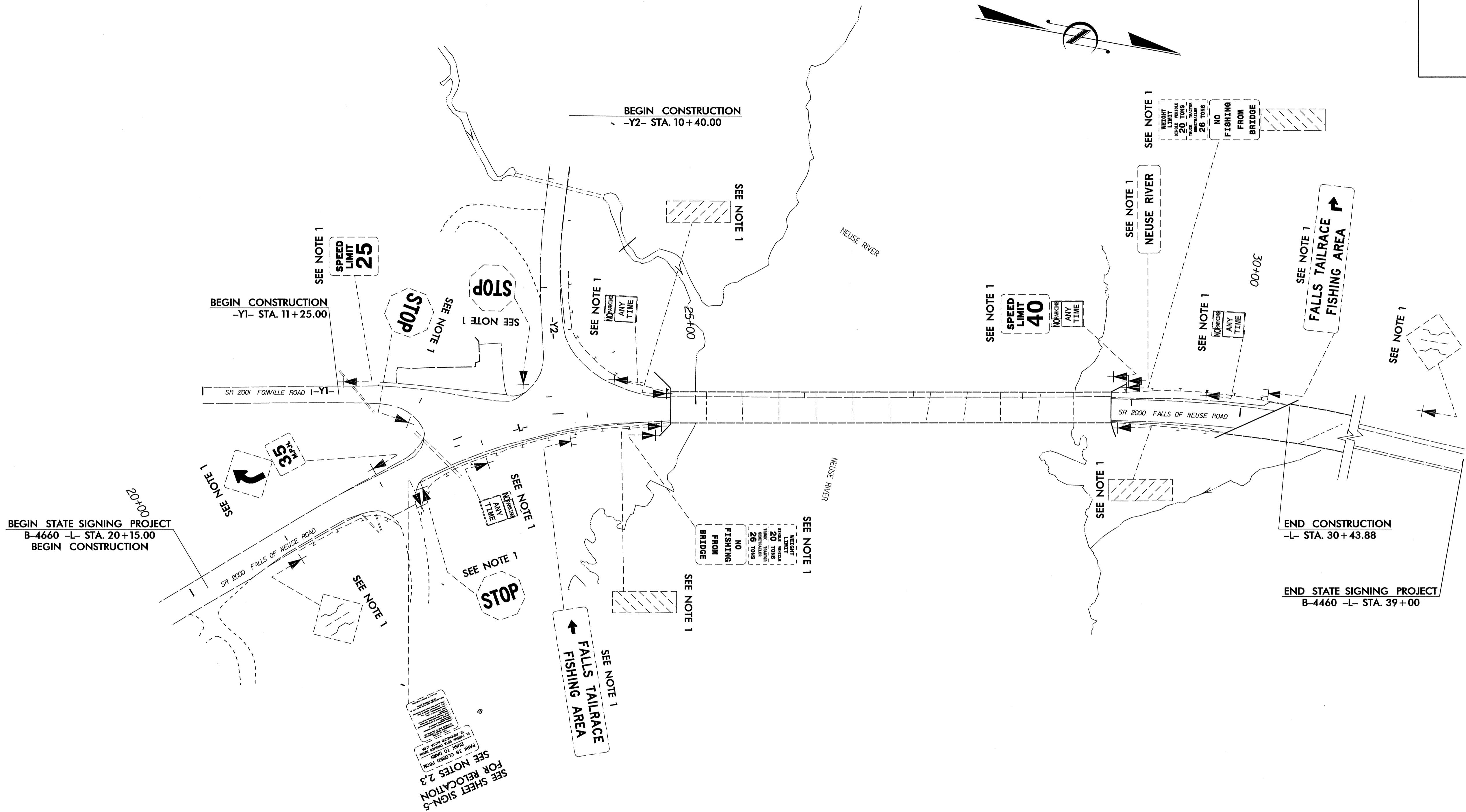
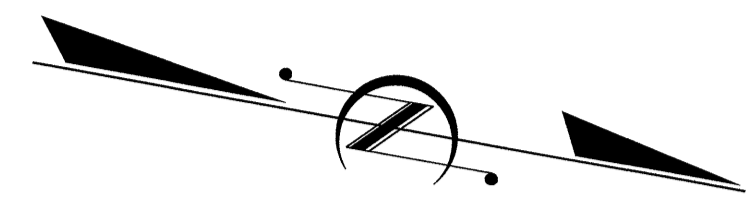


36 X 36
W1-2aR

ONE "U" POST PER SIGN

TYPE "E" SIGNS

| | |
|------------------------------|---------------------|
| TIP NO. B-4660 | SHEET NO. SIGN-4 |
| APPROVED: <i>[Signature]</i> | |
| DATE: 6/16/11 | |
| SEAL | |
| | |

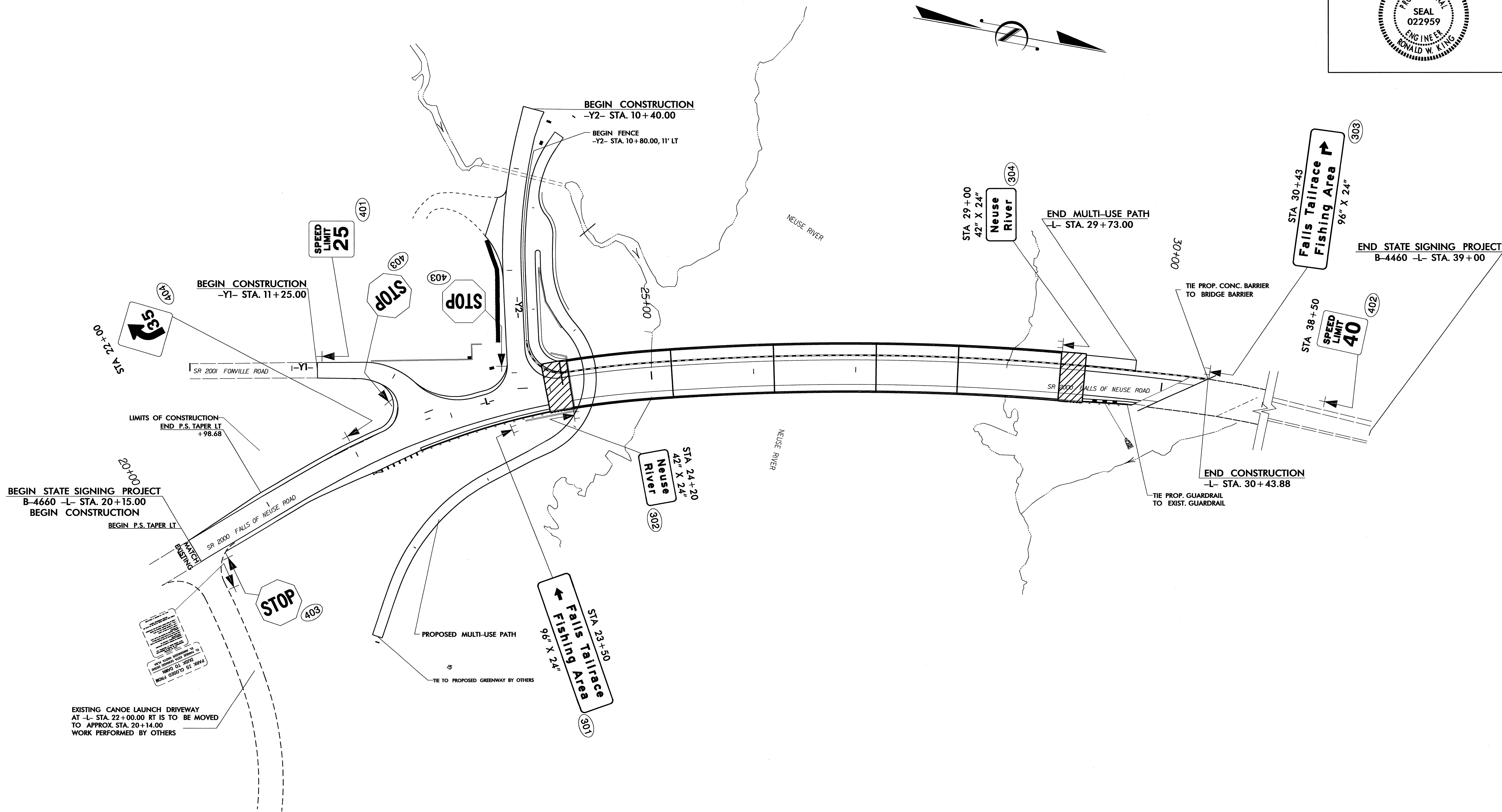
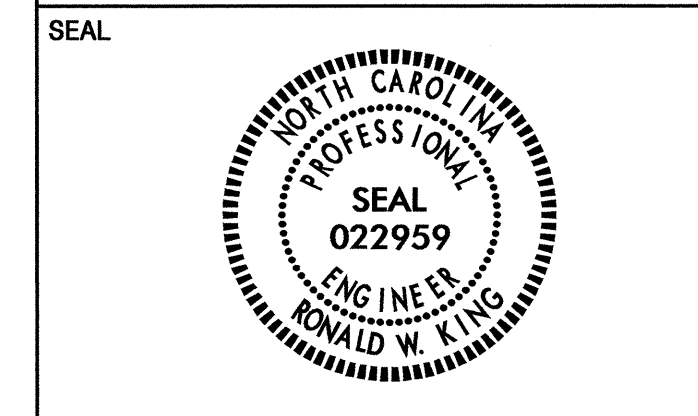


PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 SIGN ERECTION, RELOCATE SIGN TYPE E
- 3 DISPOSAL OF SUPPORT, U-CHANNEL

STA 13+00 TO 39+00
SR 2000/FALLS OF NEUSE RD
EXISTING SIGN PLAN VIEW SHEET

APPROVED: *[Signature]*
 DATE: *[Date]*



**STA 13+00 TO 39+00
 SR 2000/FALLS OF NEUSE RD
 PROPOSED SIGN PLAN VIEW SHEET**