

T.I.P.: U-4700CC

CONTRACT: C204840

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Local Prtnts

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN  
CALDWELL COUNTY

LOCATION: INTERSECTION UPGRADE AT US-321  
AND SR-1108 (MISSION RD)

|                                                                                                                                                           |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                     | SHEET NO. |
| U-4700CC                                                                                                                                                  | SIGN-1    |
| APPROVED: <div><div>Digitally signed by Joshua A. Roemer</div><div>2025.09.18 17:05:02</div></div>                                                        |           |
| DATE: 9/18/2025   2:40:52 PM EDT                                                                                                                          |           |
| SEAL                                                                                                                                                      |           |
| <div><div><div>NORTH CAROLINA</div><div>PROFESSIONAL</div><div>SEAL</div><div>054788</div><div>ENGINEER</div><div>JOSHUA QUENTIN ROEMER</div></div></div> |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                          |           |

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 JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD. NO. | TITLE                                                           |
|----------|-----------------------------------------------------------------|
| 904.10   | ORIENTATION OF GROUND MOUNTED SIGNS                             |
| 904.50   | MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS |
| 910.30   | REDUCED CONFLICT INTERSECTION                                   |

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . 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.
- . 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

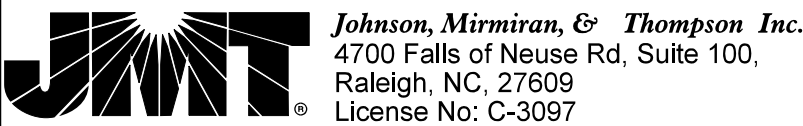
| ITEM NO.   |           | ITEM DESCRIPTION                                  | QUANTITY | UNIT |
|------------|-----------|---------------------------------------------------|----------|------|
| DESC. NO.  | SECT. NO. |                                                   |          |      |
| 4072000000 | 903       | SUPPORTS, 3 LB STEEL U-CHANNEL                    | 817      | L.F. |
| 4096000000 | 904       | SIGN ERECTION, TYPE D                             | 4        | EA.  |
| 4102000000 | 904       | SIGN ERECTION, TYPE E                             | 26       | EA.  |
| 4108000000 | 904       | SIGN ERECTION, TYPE F                             | 6        | EA.  |
| 4116100000 | 904       | SIGN ERECTION, RELOCATE TYPE 'D' (GROUND MOUNTED) | 5        | EA.  |
| 4155000000 | 907       | DISPOSAL OF SIGN SYSTEM, U-CHANNEL                | 31       | EA.  |

INDEX

| SHEET NO. | DESCRIPTION         |
|-----------|---------------------|
| SIGN-1    | TITLE SHEET         |
| SIGN-2    | E AND F SIGN SHEET  |
| SIGN-2A   | SPECIAL SIGN DESIGN |
| SIGN-3-5  | SIGN DETAIL SHEETS  |

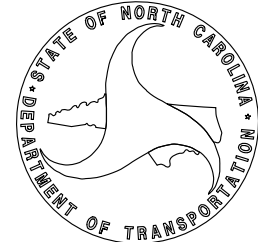
PLAN PREPARED BY: Johnson, Mirmiran, & Thompson Inc.

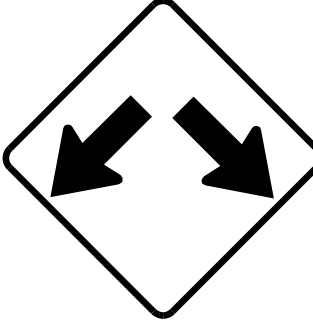
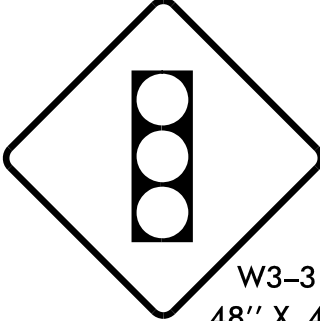
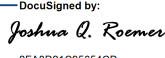
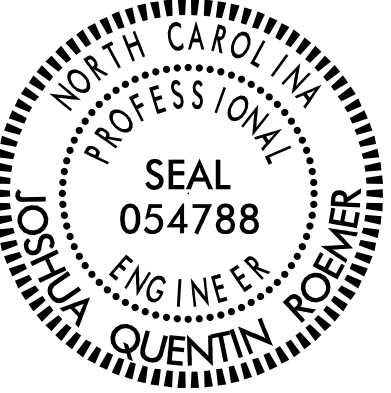
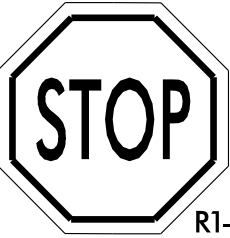
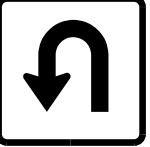
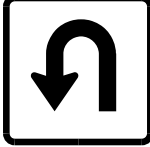
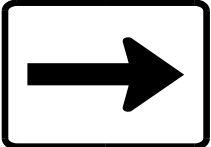
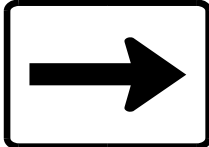
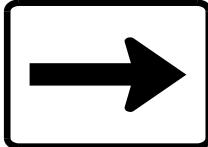
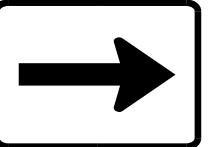
|                   |                         |
|-------------------|-------------------------|
| JOSHUA ROEMER, PE | PROJECT ENGINEER        |
| DANE FREDDE       | PROJECT DESIGN ENGINEER |



PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

|                      |                                               |
|----------------------|-----------------------------------------------|
| KELVIN L. JORDAN     | SIGNING & DELINEATION REGIONAL ENGINEER       |
| JOSE G. MARTINEZ, PE | SIGNING & DELINEATION PROJECT DESIGN ENGINEER |



|                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <div>401</div> <div>QUANTITY REQ'D 2</div> <div><div>R6-1 (L)<br/>36" X 12"</div></div> <div>TWO "U" POSTS PER SIGN</div>                                                                                                                                                        | <div>402</div> <div>QUANTITY REQ'D 4</div> <div><div>W12-1<br/>48" X 48"</div></div> <div>ONE "U" POSTS PER SIGN</div>                                                                                                                                                          | <div>403</div> <div>QUANTITY REQ'D 4</div> <div><div>W3-3<br/>48" X 48"</div></div> <div>ONE "U" POST PER SIGN</div>                                                                                                                                                                                                                                                                                                                   | <div>404</div> <div>QUANTITY REQ'D 2</div> <div><div>R3-2<br/>24" X 24"</div></div> <div>ONE "U" POST PER SIGN</div> <div>MOUNT BELOW SIGN 405 IN 2 INSTALLATIONS</div>                                                                                                                                                                                                                                                                | <div>405</div> <div>QUANTITY REQ'D 2</div> <div><div>R6-1 (R)<br/>36" X 12"</div></div> <div>TWO "U" POSTS PER SIGN</div> | <div>406</div> <div>QUANTITY REQ'D 2</div> <div><div>R4-7 B<br/>24" X 30"</div></div> <div>ONE "U" POSTS PER SIGN</div> | <div>PROJECT REFERENCE NO.<br/>U-4700CC</div> <div>SHEET NO.<br/>SIGN-2</div> <div>APPROVED: </div> <div>DATE: 9/18/2025   2:40:52 PM EDT</div> <div>SEAL<br/></div> <div>DOCUMENT NOT CONSIDERED FINAL<br/>UNLESS ALL SIGNATURES COMPLETED</div> |
|                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <div>407</div> <div>QUANTITY REQ'D 4</div> <div><div>R3-4<br/>24" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div>                                                                                                                                                            | <div>408</div> <div>QUANTITY REQ'D 1</div> <div><div>W14-12<br/>48" X 48"</div></div> <div>ONE "U" POSTS PER SIGN</div>                                                                                                                                                         | <div>409</div> <div>QUANTITY REQ'D 1</div> <div><div>R1-1<br/>30" X 30"</div></div> <div>ONE "U" POSTS PER SIGN</div>                                                                                                                                                                                                                                                                                                                  | <div>410</div> <div>QUANTITY REQ'D 2</div> <div><div>R2-1<br/>24" X 30"</div></div> <div>ONE "U" POSTS PER SIGN</div>                                                                                                                                                                                                                                                                                                                  | <div>411</div> <div>QUANTITY REQ'D 1</div> <div><div>R2-1<br/>24" X 30"</div></div> <div>ONE "U" POSTS PER SIGN</div>     | <div>412</div> <div>QUANTITY REQ'D 1</div> <div><div>R5-2<br/>24" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div>   |                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div>501</div> <div>QUANTITY REQ'D 1</div> <div><div><div>TO</div><div>SOUTH</div><div>321</div><div></div></div><div>M4-5P<br/>24" X 12"</div><div>M3-3<br/>24" X 12"</div><div>M1-4<br/>30" X 24"</div><div>R3-4<br/>24" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div> | <div>502</div> <div>QUANTITY REQ'D 1</div> <div><div><div>TO</div><div>NORTH</div><div>321</div><div></div></div><div>M4-5P<br/>24" X 12"</div><div>M3-1<br/>24" X 12"</div><div>M1-4<br/>30" X 24"</div><div>R3-4<br/>24" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div> | <div>503</div> <div>QUANTITY REQ'D 1</div> <div><div><div>TO</div><div>SOUTH</div><div>321</div><div></div></div><div><div>TO</div><div>NORTH</div><div>321</div><div></div></div><div>M4-5P<br/>24" X 12"</div><div>M3-1<br/>24" X 12"</div><div>M1-4<br/>30" X 24"</div><div>M6-1<br/>21" X 15"</div></div> <div>TWO "U" POSTS PER SIGN</div> | <div>504</div> <div>QUANTITY REQ'D 1</div> <div><div><div>TO</div><div>NORTH</div><div>321</div><div></div></div><div><div>TO</div><div>SOUTH</div><div>321</div><div></div></div><div>M4-5P<br/>24" X 12"</div><div>M3-1<br/>24" X 12"</div><div>M1-4<br/>24" X 12"</div><div>M6-1<br/>21" X 15"</div></div> <div>TWO "U" POSTS PER SIGN</div> | <div>505</div> <div>QUANTITY REQ'D 1</div> <div><div><div>NORTH</div><div>321</div></div><div>M3-1<br/>24" X 12"</div><div>M1-4<br/>30" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div>                  | <div>506</div> <div>QUANTITY REQ'D 1</div> <div><div><div>SOUTH</div><div>321</div></div><div>M3-3<br/>24" X 12"</div><div>M1-4<br/>30" X 24"</div></div> <div>ONE "U" POSTS PER SIGN</div>                |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              |                                                                                                                                                                                                            | <div>TYPE 'E' AND 'F' SIGNS</div>                                                                                                                                                                                                                                                                                                                                                                                       |

Spacing Factor is 1 unless specified otherwise

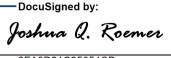
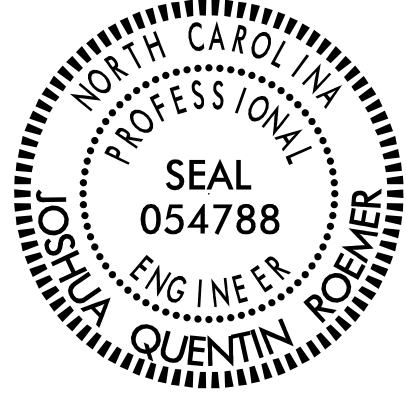
Spacing Factor is 1 unless specified otherwise

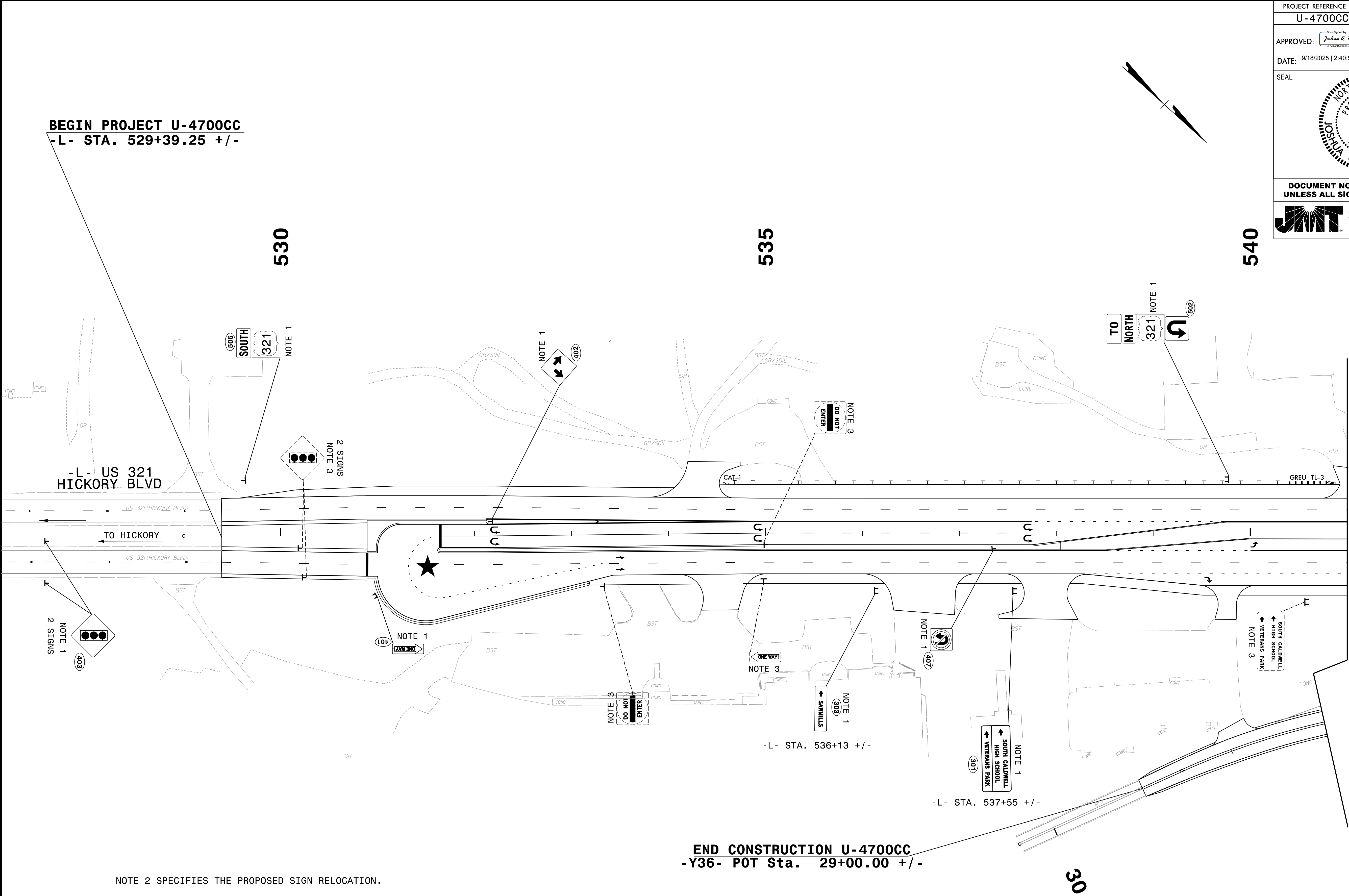
Spacing Factor is 1 unless specified otherwise

Spacing Factor is 1 unless specified otherwise

A circular professional engineer seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "JOSHUA ROEMER" on the left, "QUENTIN ROEMER" on the right. The inner circle contains the text "PROFESSIONAL" at the top, "SEAL" in the center, "054788" below the seal, and "ENGINEER" at the bottom.

## SPECIAL SIGN DESIGN

|                                                                                                                                                                                                                     |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                               | SHEET NO. |
| U-4700CC                                                                                                                                                                                                            | SIGN-3    |
| APPROVED:                                                                                                                        |           |
| DATE: 9/18/2025   2:40:52 PM EDT                                                                                                                                                                                    |           |
| SEAL                                                                                                                                                                                                                |           |
|                                                                                                                                  |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                    |           |
|  <b>Johnson, Mirmiran, &amp; Thompson Inc.</b><br>4700 Falls of Neuse Rd, Suite 100,<br>Raleigh, NC, 27609<br>License No: C-3097 |           |



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Joshua A. Roemer

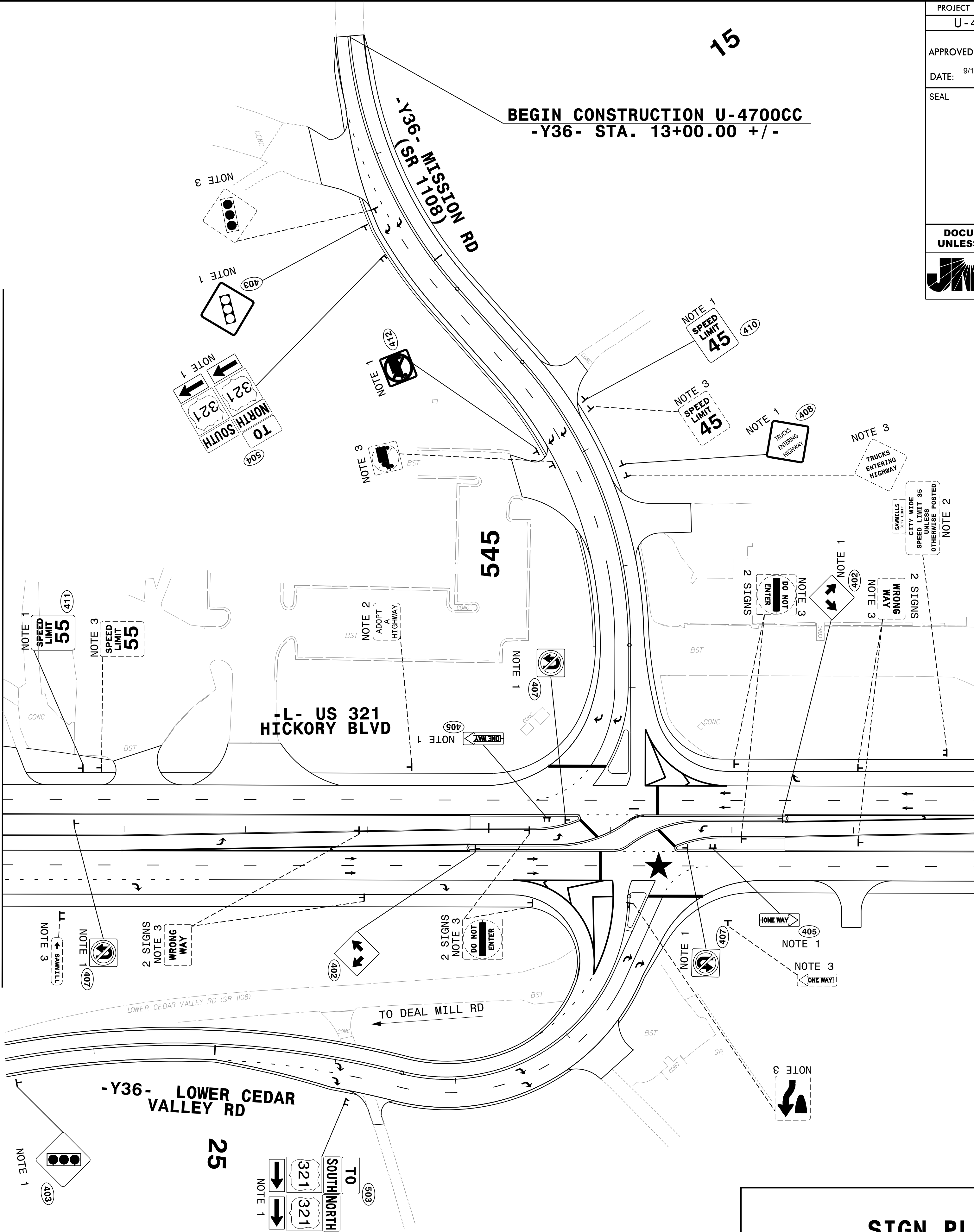
9/18/2025 10:41:53 AM  
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JMT

NOTE 2 SPECIFIES THE PROPOSED SIGN RELOCATION.

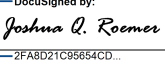
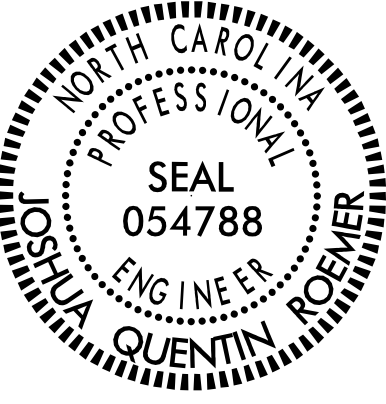
PROJECT NOTES

- SIGN ERECTION, TYPE 'D', 'E' AND 'F'
- RELOCATION OF SIGN SYSTEM TYPE 'D' OR 'E'
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

MATCH LINE -L- STA 541+00.00 SEE SIGN 3



MATCH LINE -L- STA 549+00.00 SEE SIGN 5

|                                                                                                                                                                                                          |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| PROJECT REFERENCE NO.<br>U-4700CC                                                                                                                                                                        | SHEET NO.<br>SIGN-4 |
| APPROVED: <br>DATE: 9/18/2025   2:40:52 PM EDT                                                                        |                     |
| SEAL<br>                                                                                                              |                     |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                         |                     |
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★ PROPOSED SIGNAL

SIGN PLAN

PROJECT REFERENCE NO.  
U-4700CC

SHEET NO.  
SIGN-5

APPROVED:

Desigined by:  
Joshua S. Roemer

SEAL  
054788  
ENGINEER  
QUENTIN ROEMER

DATE:

9/18/2025 | 2:40:52 PM EDT

SEAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

JMT

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4700 Falls of Neuse Rd, Suite 100,  
Raleigh, NC, 27609  
License No: C-3097

NOTE 2 SPECIFIES THE PROPOSED SIGN RELOCATION.

PROJECT NOTES

- 1. SIGN ERECTION, TYPE 'E' AND 'F'
- 2. RELOCATION OF SIGN SYSTEM TYPE 'D' OR 'E'
- 3. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

★ PROPOSED SIGNAL

SIGN PLAN

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JMT