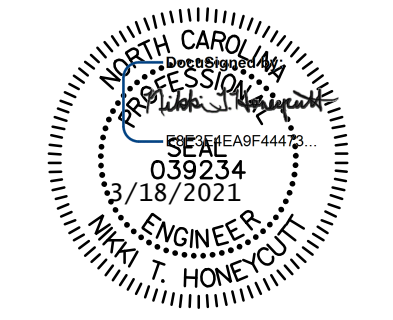


TIP PROJECT: B-5813

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
CABARRUS COUNTY**

LOCATION: BRIDGE #132 OVER DUTCH BUFFALO CREEK ON NC 73

| | |
|---|---------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-1 |
| APPROVED: _____ | |
| DATE: _____ | |
| SEAL | |
|  | |
| DOCUMENT NOT CONSIDERED FINAL 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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE
CONSIDERED A PART OF THESE PLANS:

| STD. NO. | TITLE |
|----------|---|
| 903.10 | GROUNDING MOUNTED SIGN SUPPORTS |
| 904.10 | ORIENTATION OF GROUNDING MOUNTED SIGNS |
| 904.50 | MOUNTING OF TYPE "D", "E", AND "F" SIGNS ON "U" CHANNEL POSTS |

SIGNING GENERAL NOTES

- A) SIGNS FURNISHED BY THE STATE.
- B) IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONSTRUCTION SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- C) SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRANSPORTATION MANAGEMENT AND PAVEMENT MARKING PLANS.
- D) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, TYPE E & F SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- E) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- F) THE BACKGROUND FOR TYPE "E" SIGNS SHALL BE TYPE "C" REFLECTIVE SHEETING.

INDEX


| SHEET NO. | DESCRIPTION |
|--------------------|----------------------|
| SIGN-1 | SIGNING TITLE SHEET |
| SIGN-2 | SIGN QUANTITIES |
| SIGN-3 | SPECIAL SIGN DETAILS |
| SIGN-4 THRU SIGN-8 | SIGNING DETAILS |

**PLAN PREPARED BY:
STV Engineers, Inc.**

| | |
|-------------------------------|-------------------------|
| NIKKI T. HONEYCUTT, PE | TRAFFIC ENGINEER |
| MAAMOON ABDELAZIZ | TRANSPORTATION DESIGNER |





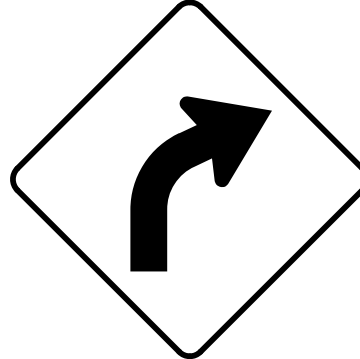
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

| | |
|--|----------------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-2 |
| APPROVED: <i>Nick Thompson</i> <small>Professional Engineer License No. 14473</small> | |
| DATE: 2/26/2021 | |
|  | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |



SUMMARY OF SIGN QUANTITIES

| ITEM NO. | | ITEM DESCRIPTION | QUANTITY | UNIT |
|------------|-----------|---|----------|------|
| DESC. NO. | SECT. NO. | | | |
| 4072000000 | 903 | SUPPORTS, 3 LBS STEEL U-CHANNEL..... | 125 | L.F. |
| 4096000000 | 904 | SIGN ERECTION, TYPE D | 2 | EA. |
| 4102000000 | 904 | SIGN ERECTION, TYPE E | 3 | EA. |
| 4108000000 | 904 | SIGN ERECTION, TYPE F | 1 | EA. |
| 4116100000 | 907 | SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED).. | 2 | EA. |
| 4192000000 | 907 | DISPOSAL OF SUPPORT, U-CHANNEL | 15 | EA. |
| 4238000000 | 907 | DISPOSAL OF SIGN D, E, OR F | 13 | EA. |

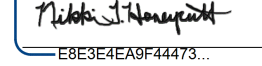
TYPE E SIGNS

| | | |
|---|---|--|
| <p>401 QUANTITY REQ'D <u>1</u> ONE "U" POST PER SIGN</p>  <p>R1-1 36" X 36"</p> | <p>402 QUANTITY REQ'D <u>1</u> ONE "U" POST PER SIGN</p>  <p>R2-1 24" X 30"</p> | <p>403 QUANTITY REQ'D <u>1</u> ONE "U" POST PER SIGN</p>  <p>W1-2R 30" X 30"</p> |
|---|---|--|

TYPE F SIGNS

| |
|---|
| <p>501 QUANTITY REQ'D <u>1</u> ONE "U" POST PER SIGN</p>  <p>M3-4 24" X 12"</p>  <p>M1-5 24" X 24"</p> |
|---|

8/17/19

APPROVED: 
 DATE: 2/26/2021



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

BRIDGE #120132

SIGN NUMBER: 301,302 BACKG COLOR: Green
 TYPE: D COPY COLOR: White
 QUANTITY: 2

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

SIGN WIDTH: 36"
 HEIGHT: 42"
 TOTAL AREA: 10.5 Sq.Ft.

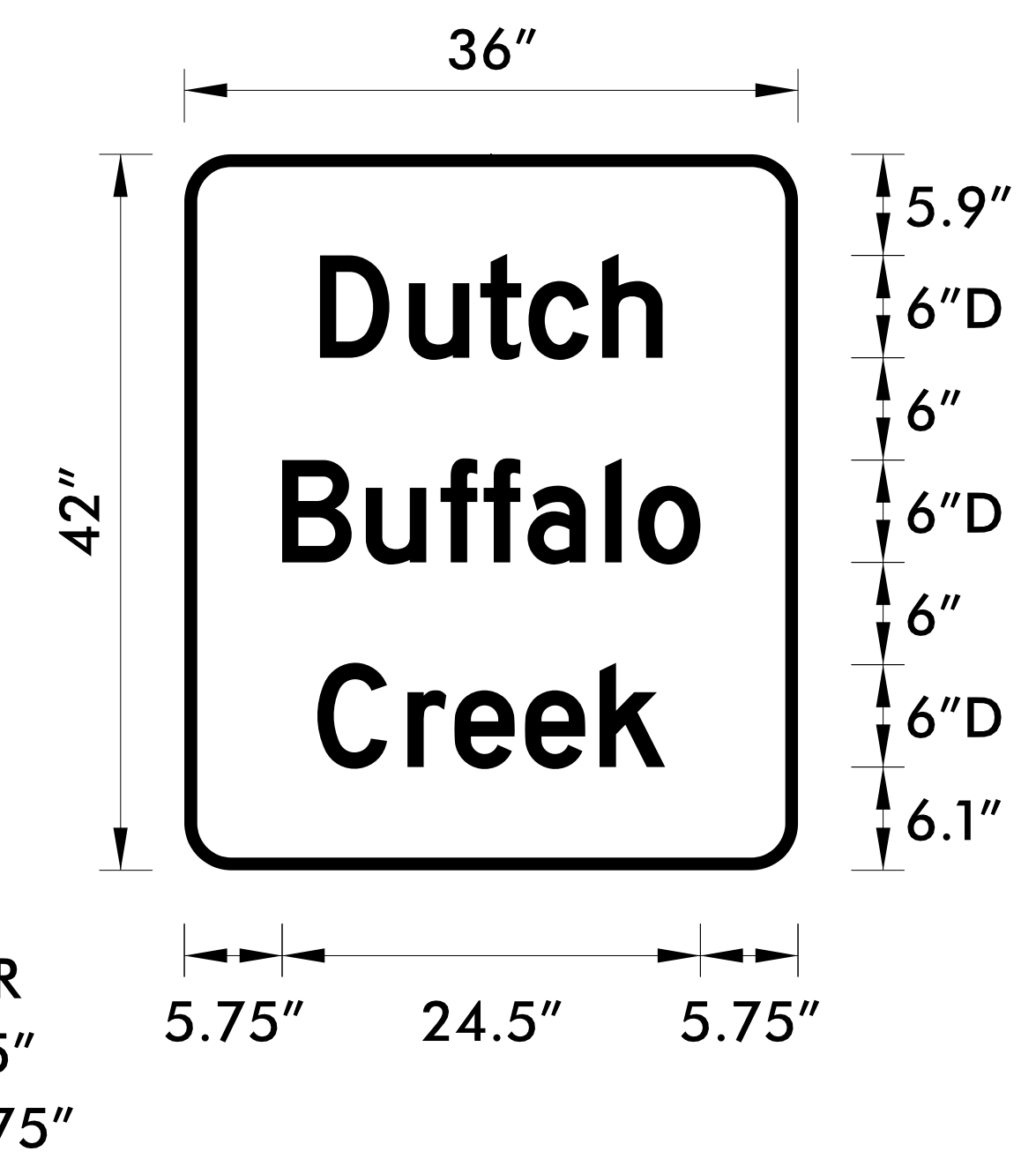
BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 2.75"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

USE NOTES: 1,2

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be NC Grade C reflective sheeting.

DESIGN BY: JCT CHECKED BY: GHM
 PROJECT ID: B-5813 DIV: 10 DATE: Jan 16, 2020



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter positions are to the lower left corners

| | Letter positions are to the lower left corners | | | | | | | | Series/Size |
|-----|--|------|------|------|------|------|---|--|-----------------------------|
| | D | u | t | c | h | | | | Text Length |
| 0.0 | 7.9 | 13.2 | 17.4 | 20.2 | 24.5 | 28.0 | | | D 2000 / 6 / 4.5 20.1 |
| 0.0 | B | u | f | f | a | l | o | | D 2000 / 6 / 4.5 24.5 |
| 0.0 | c | r | e | e | k | | | | D 2000 / 6 / 4.5 20.4 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NORTH CAROLINA D.O.T. SIGN DETAIL

**SPECIAL SIGN DESIGN
 DUTCH BUFFALO CREEK**

2/19/2021 10:59 AM C:\Users\jmoore\OneDrive\Documents\Projects\Sign\SH\B5813_rdy_Sign-3.dgn

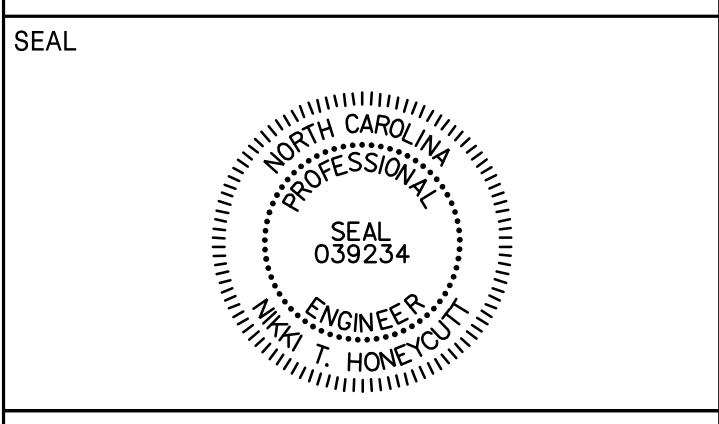
8/17/99

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 NC License Number F-0991

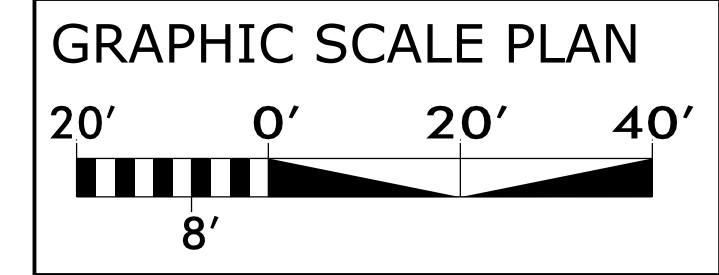
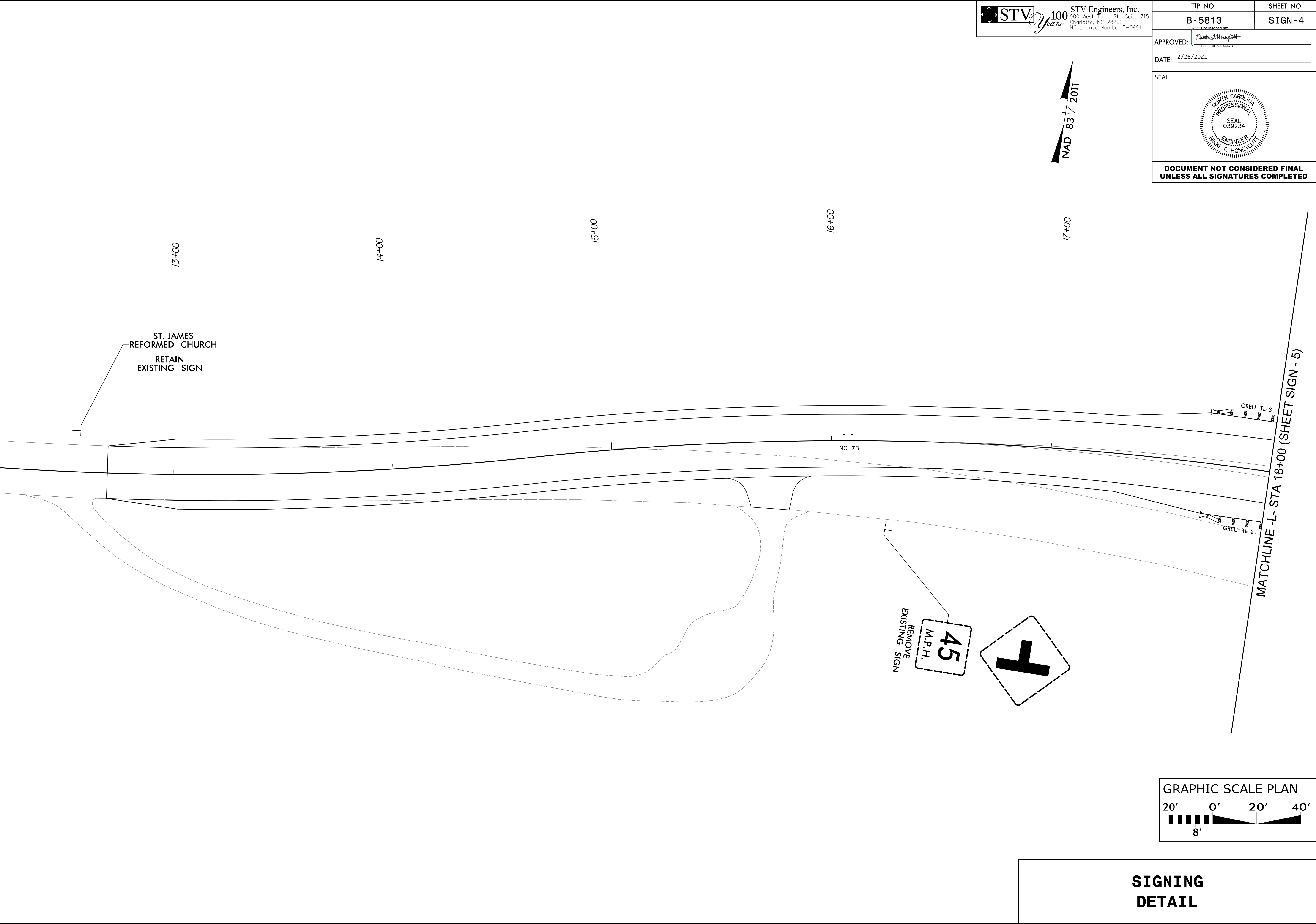
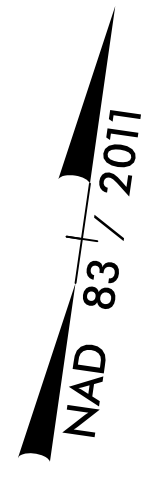
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|---------|-----------|
| TIP NO. | SHEET NO. |
| B-5813 | SIGN-4 |

APPROVED: *[Signature]*
ES:3E-4E:AF:4473...

DATE: 2/26/2021



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 UNLESS ALL SIGNATURES COMPLETED**

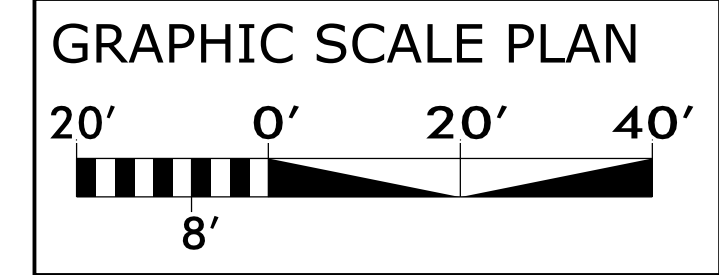
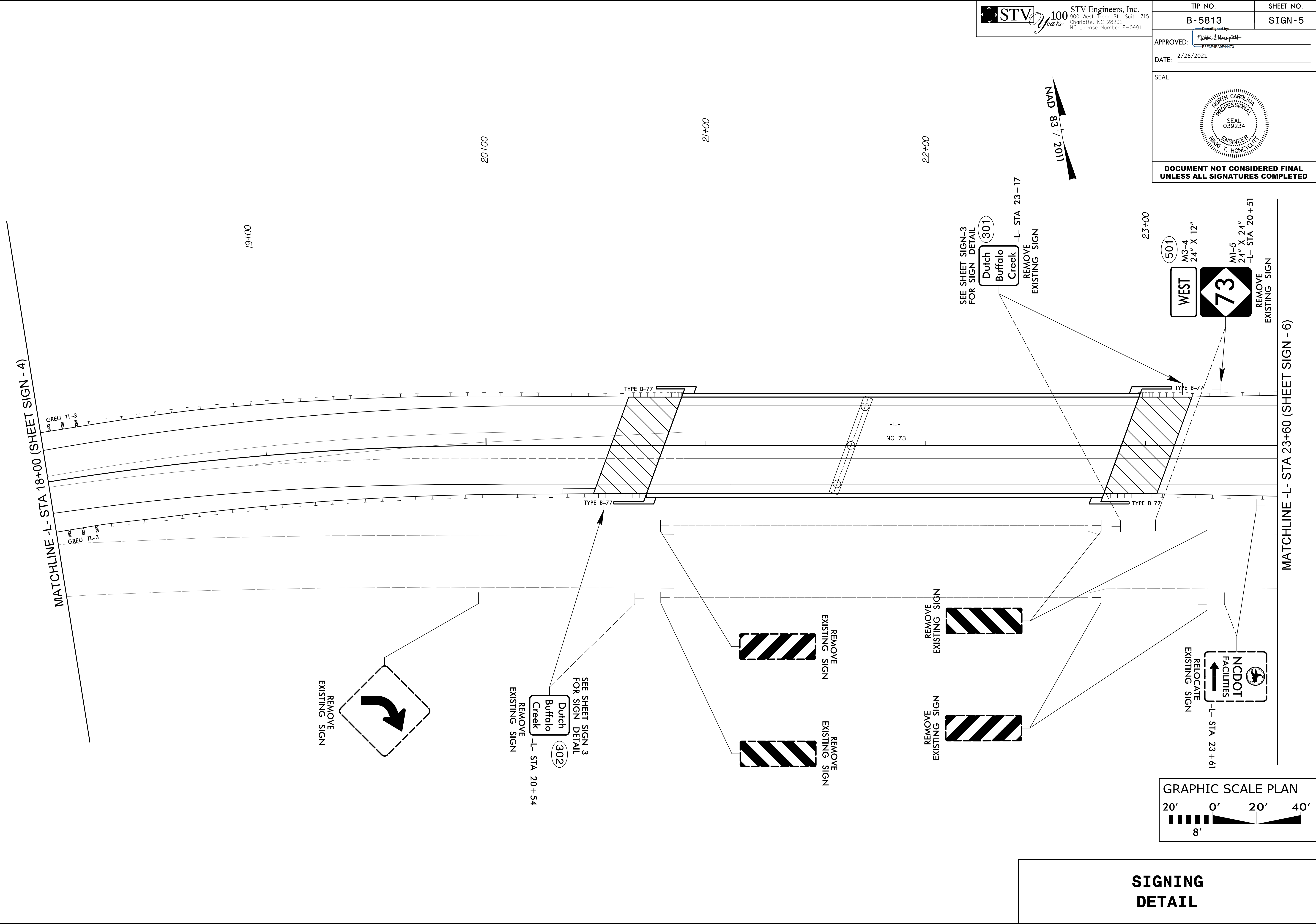
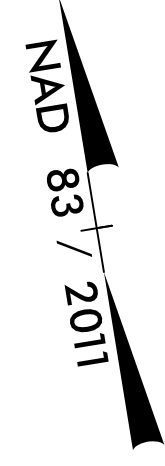


**SIGNING
 DETAIL**

2/19/2021
 P:\19\2021\01\01\Sign\Sign\B5813_rdy_Sign-4.dgn
 Moore

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| | |
|--|----------------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-5 |
| APPROVED: <i>[Signature]</i> E8E3E4EAF44473 | |
| DATE: 2/26/2021 | |
| SEAL | |
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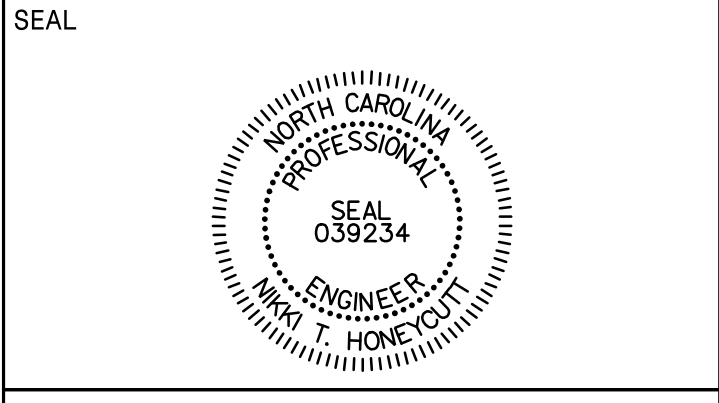
**SIGNING
DETAIL**

8/17/2021

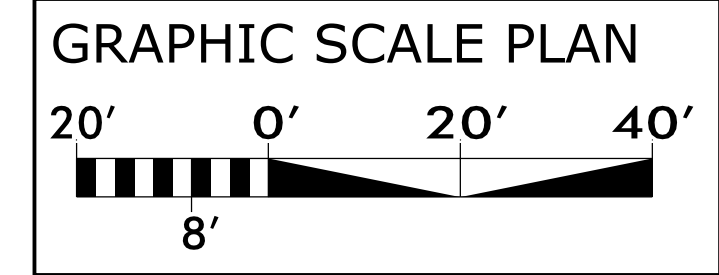
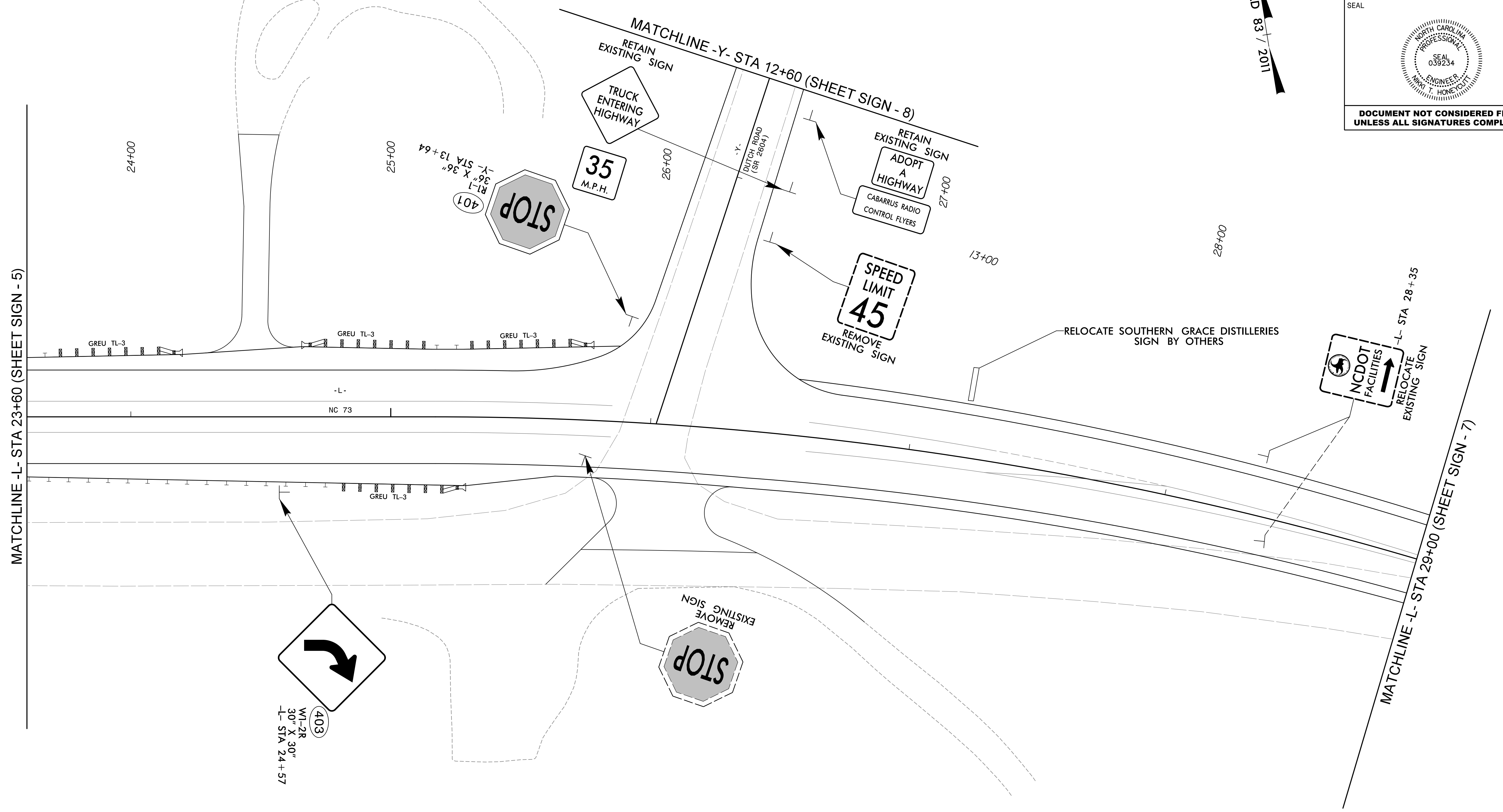
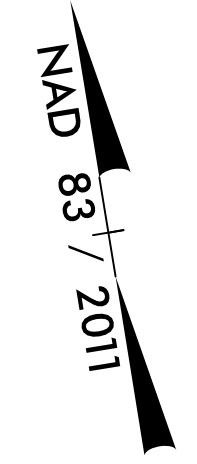
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| | |
|--------------------------|----------------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-6 |
|--------------------------|----------------------------|

APPROVED: *Nick Thompson*
ES:3E4EAPF4473
 DATE: 2/26/2021



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 Moore

8/17/99

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 Charlotte, NC 28202
 NC License Number F-0991

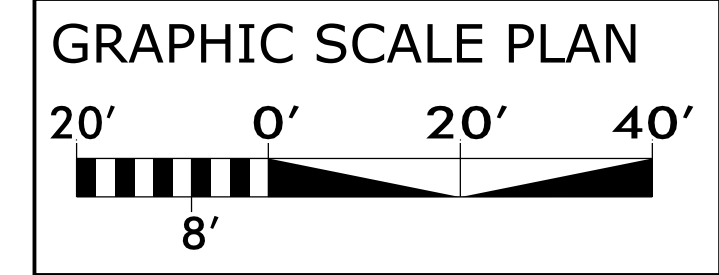
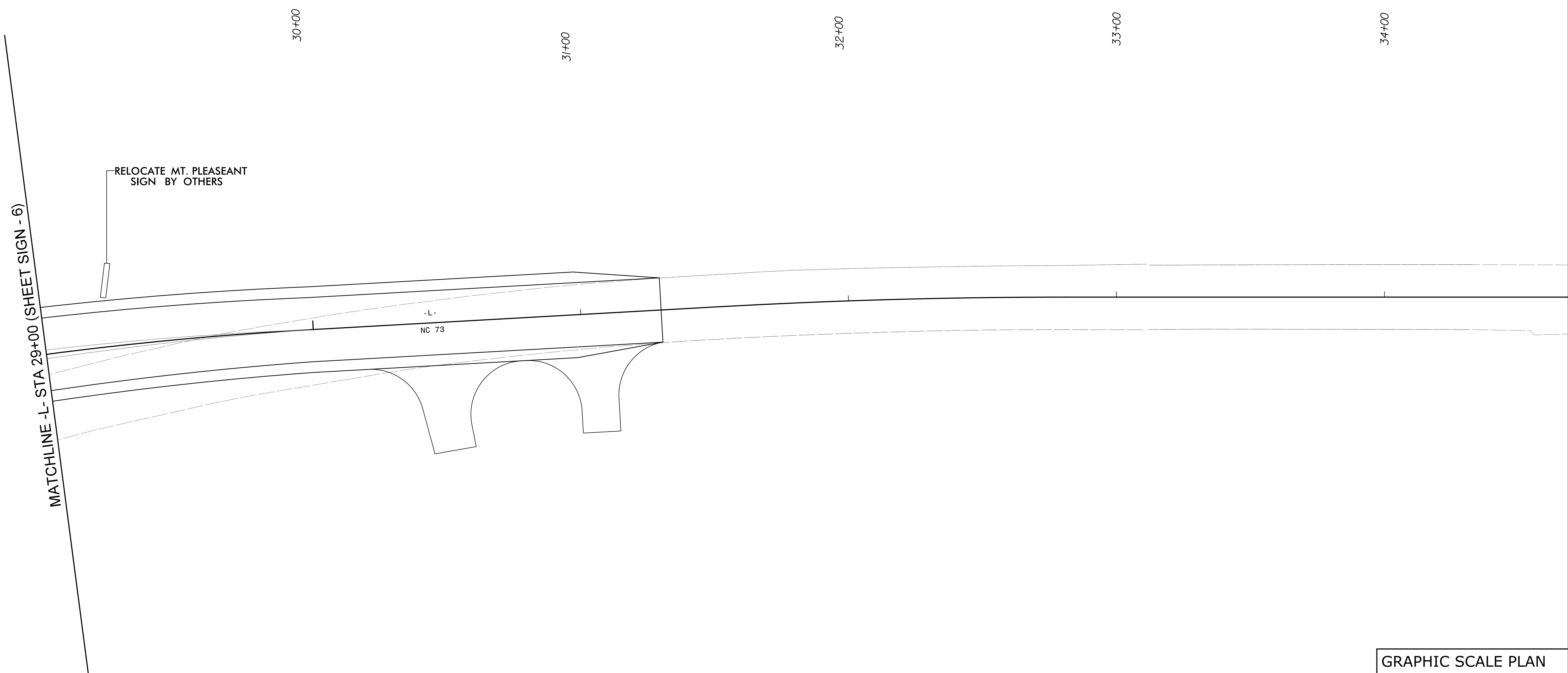
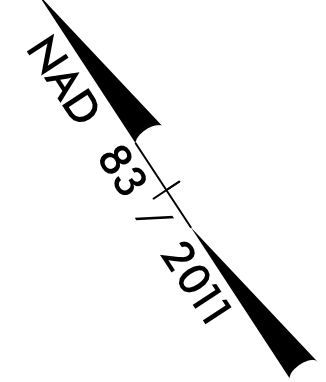
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|--------------------------|----------------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-7 |
|--------------------------|----------------------------|

APPROVED: *[Signature]*
ESB3E4EA9F44473...

DATE: 2/26/2021



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**SIGNING
 DETAIL**

2/19/2021
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 Moore

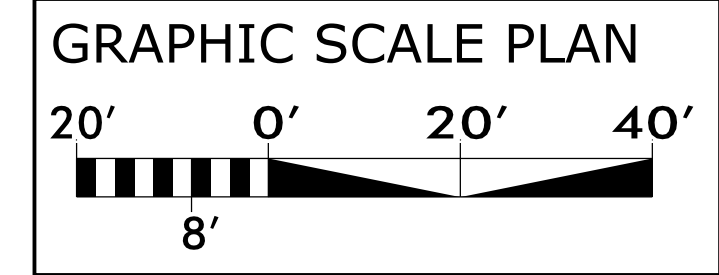
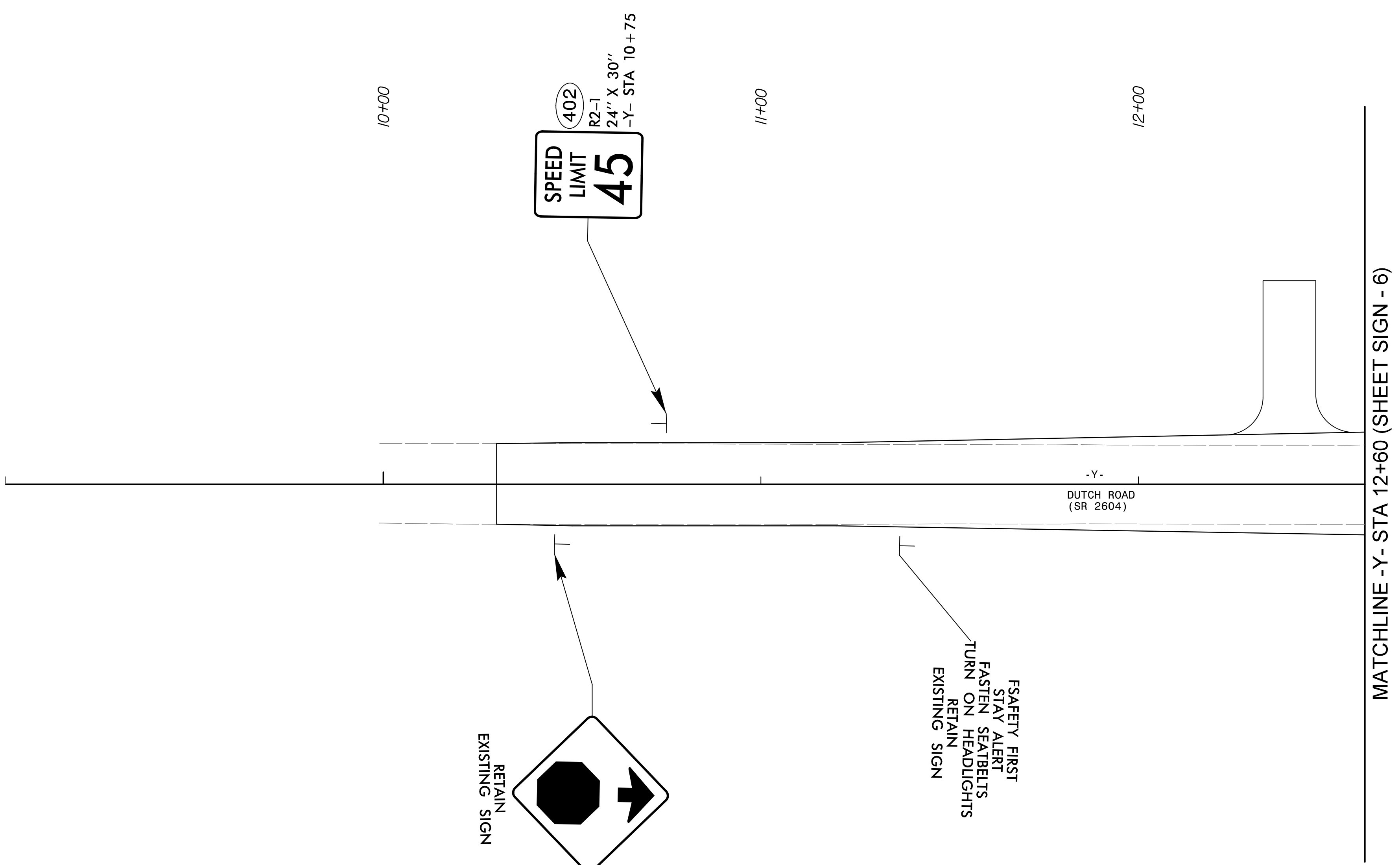
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|--------------------------|----------------------------|
| TIP NO. B-5813 | SHEET NO. SIGN-8 |
|--------------------------|----------------------------|

APPROVED: *Nick Thompson*
Professional Engineer License No. 44473
 DATE: 2/26/2021

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