

T.I.P.: U-5510

CONTRACT: DL00160

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
CATAWBA COUNTY**

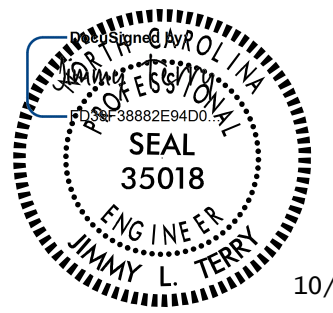
**LOCATION: SR 1468 (SWEETWATER RD) EXTENSION FROM
US 70 TO SR 1005 (STARTOWN RD)**

| | |
|---------------------------------|---------------------|
| PROJECT REFERENCE NO. U-5510 | 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 2012 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 POSTS |

GENERAL NOTES

- . SIGNS FURNISHED BY CONTRACTOR
- . 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.

SUMMARY OF QUANTITIES

| ITEM NO. | | ITEM DESCRIPTION | QUANTITY | UNIT |
|------------|-----------|--|----------|------|
| DESC. NO. | SECT. NO. | | | |
| 4025000000 | 901 | CONTRACTOR FURNISHED, TYPE E SIGN | 145 | S.F. |
| 4072000000 | 903 | SUPPORTS, 3 LB STEEL U-CHANNEL | 320 | L.F. |
| 4102000000 | 904 | SIGN ERECTION, TYPE E | 20 | EA. |
| 4116100000 | 904 | SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED) | 3 | EA. |
| 4155000000 | 907 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 6 | EA. |
| 4192000000 | 907 | DISPOSAL OF SUPPORT, U-CHANNEL | 3 | EA. |
| 4237000000 | 907 | STOCKPILE SIGN, D, E OR F | 5 | EA. |

INDEX

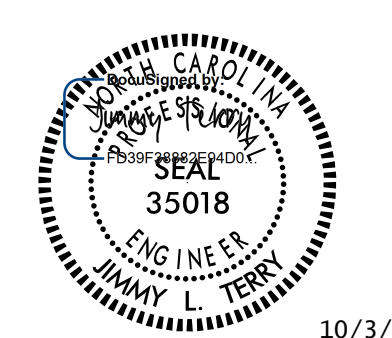

| SHEET NO. | DESCRIPTION |
|--------------|---------------------|
| SIGN-1 | TITLE SHEET |
| SIGN-2 | TYPE E SIGNS |
| SIGN-3 AND 4 | SIGNING PLAN SHEETS |

PLAN PREPARED BY: TGS ENGINEERS

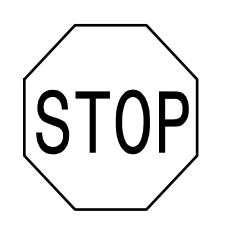
JIMMY L. TERRY, PE PROJECT ENGINEER
SANDRA G. MELVIN DESIGN TECHNICIAN



TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

| | |
|---|---------------------|
| PROJECT REFERENCE NO. U-5510 | SHEET NO. SIGN-2 |
| APPROVED: _____ | |
| DATE: _____ | |
| SEAL | |
|  | |
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|  TGS ENGINEERS 804-C N. LAFAYETTE ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275 | |


401 QUANTITY REQ'D 1



30 X 30
R1-1

ONE "U" POST PER SIGN


402 QUANTITY REQ'D 3



24 X 30
R2-1

ONE "U" POSTS PER SIGN

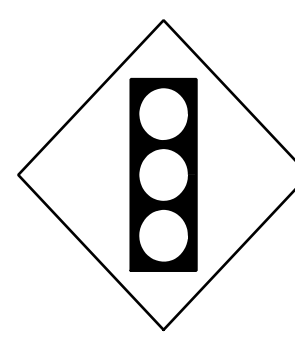
403 QUANTITY REQ'D 2



24 X 30
R2-1

ONE "U" POSTS PER SIGN

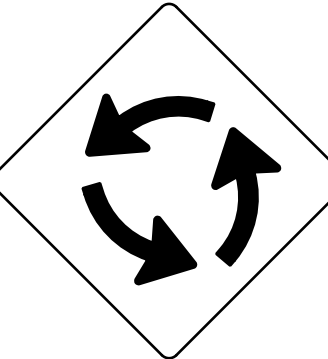
404 QUANTITY REQ'D 3



36 X 36
W3-3

ONE "U" POST PER SIGN

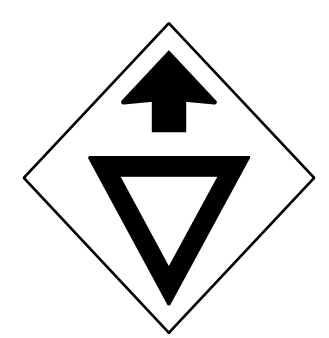
405 QUANTITY REQ'D 2



30 X 30
W2-6

ONE "U" POSTS PER SIGN

406 QUANTITY REQ'D 2



30 X 30
W3-2

ONE "U" POST PER SIGN

407 QUANTITY REQ'D 1

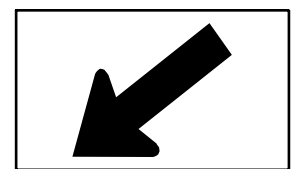


30 X 30
W11-2

YELLOW/GREEN REFLECTIVE SHEETING

ONE "U" POST PER SIGN

408 QUANTITY REQ'D 1

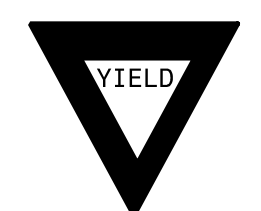


24 X 12
W16-7

YELLOW/GREEN REFLECTIVE SHEETING

MOUNT BELOW SIGN 407
IN 1 INSTALLATION


409 QUANTITY REQ'D 3



30 X 30 X 30
R1-2

ONE "U" POST PER SIGN

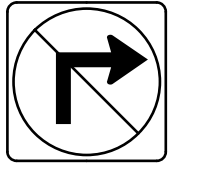
410 QUANTITY REQ'D 2



36 X 36
W20-3

ONE "U" POST PER SIGN

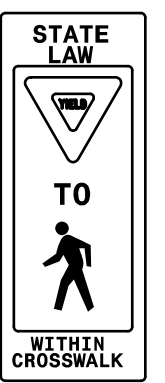
411 QUANTITY REQ'D 2



24 X 24
R3-1

MOUNT BELOW SIGN 410
IN 2 INSTALLATIONS

412 QUANTITY REQ'D 2

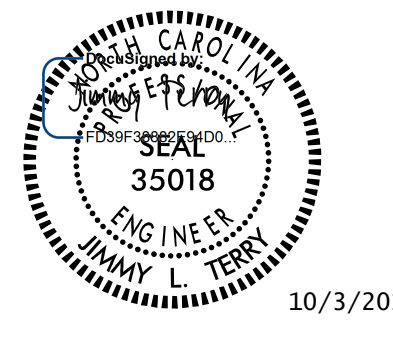



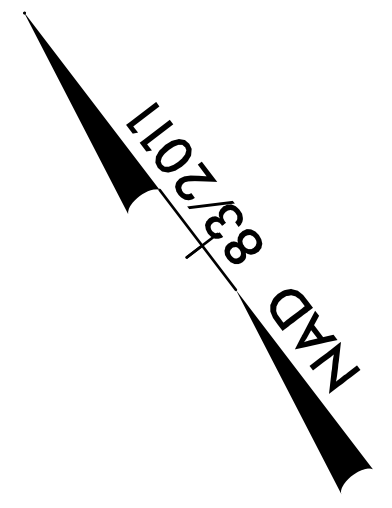
12 X 36
R1-6

ONE "U" POSTS PER SIGN

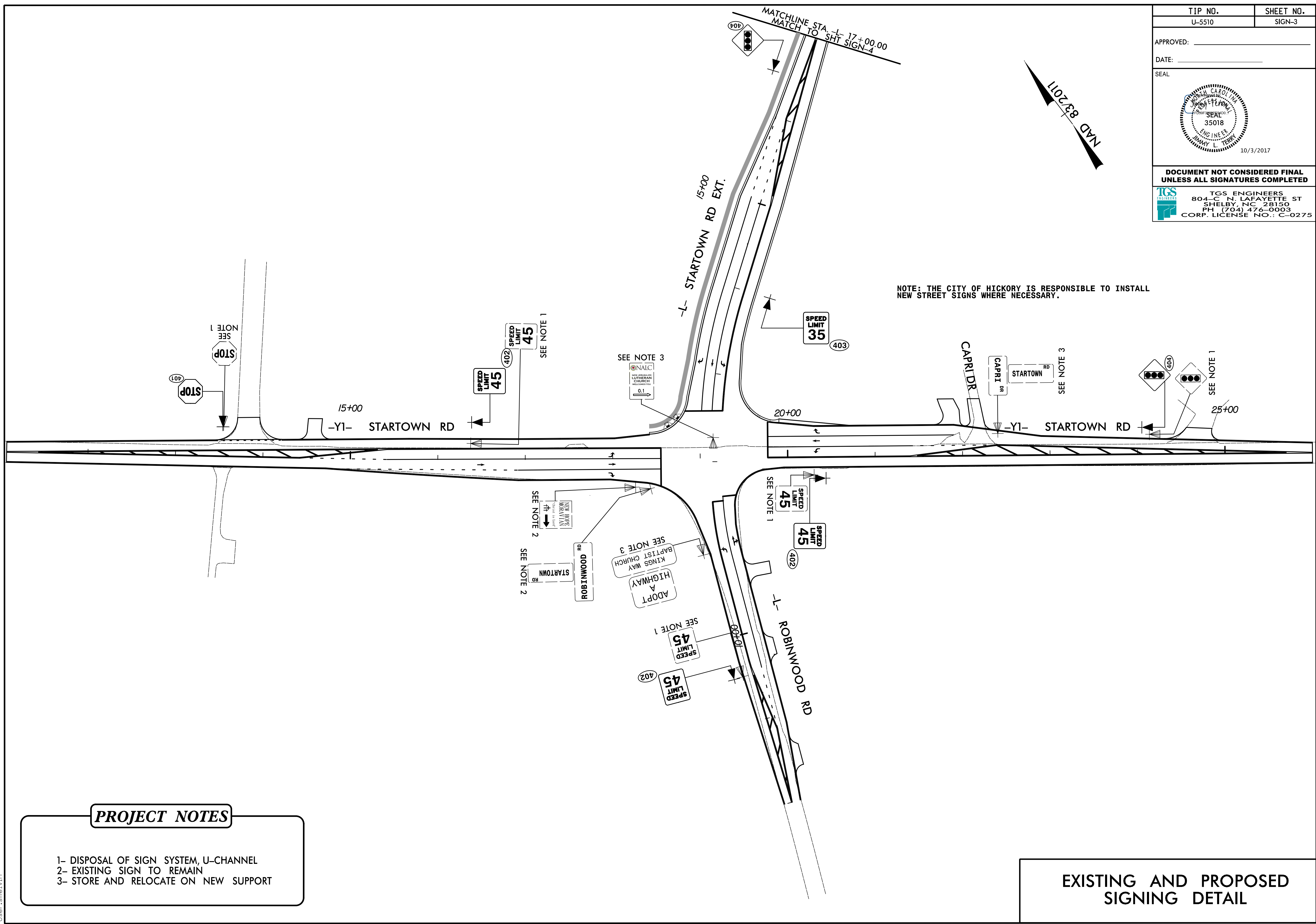
I:\2017\U-5510\Traffic\Signing\CADD\Signing_Layout_Plans\U-5510_Sgn_SGN_2.dgn

TYPE "E" SIGNS

| | |
|--|---------------------|
| TIP NO. U-5510 | SHEET NO. SIGN-3 |
| APPROVED: _____ | |
| DATE: _____ | |
| SEAL | |
|  | |
| 10/3/2017 | |
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|  TGS ENGINEERS 804 C N. LAFAYETTE ST SHELBY, NC 28150 PH: (704) 476-0003 CORP. LICENSE NO.: C-0275 | |



NOTE: THE CITY OF HICKORY IS RESPONSIBLE TO INSTALL NEW STREET SIGNS WHERE NECESSARY.



PROJECT NOTES

- 1- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2- EXISTING SIGN TO REMAIN
- 3- STORE AND RELOCATE ON NEW SUPPORT

**EXISTING AND PROPOSED
SIGNING DETAIL**

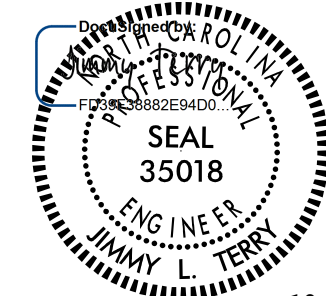
10/2/2017
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 User:smelvin

| | |
|---------|-----------|
| TIP NO. | SHEET NO. |
| U-5510 | SIGN-4 |

APPROVED: _____

DATE: _____

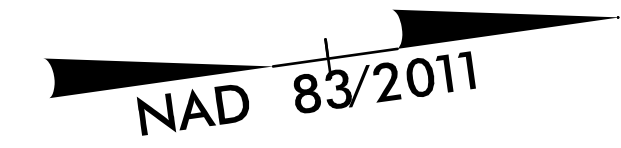
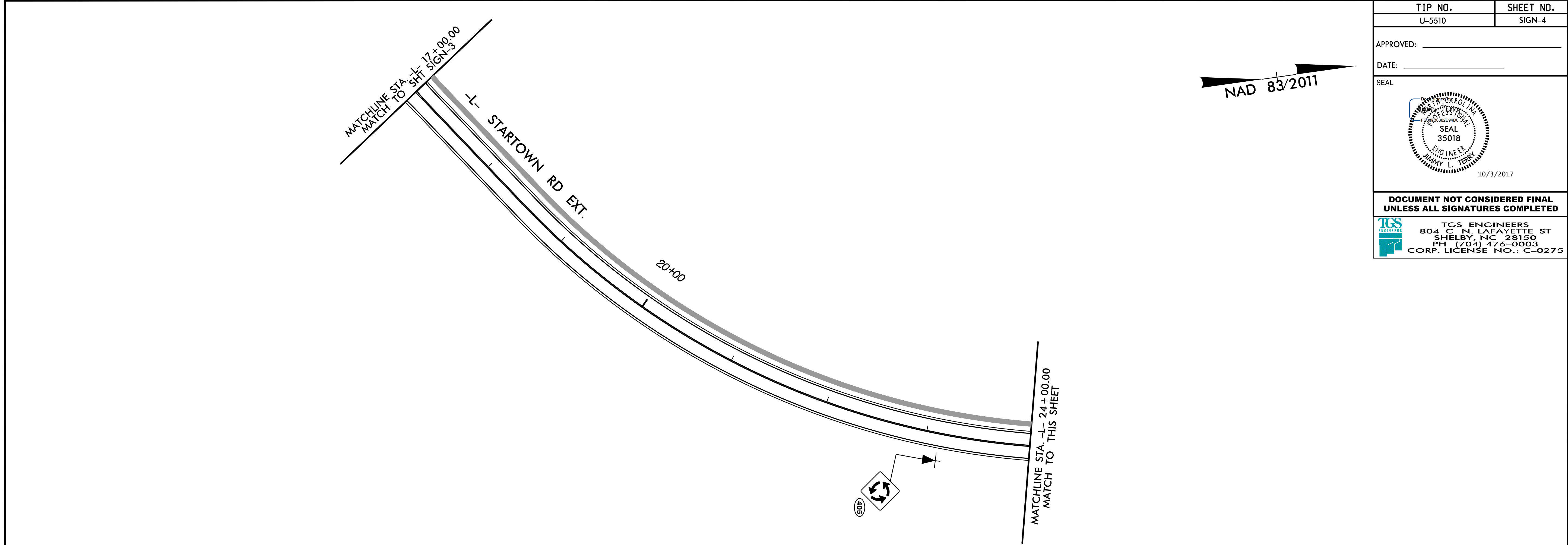
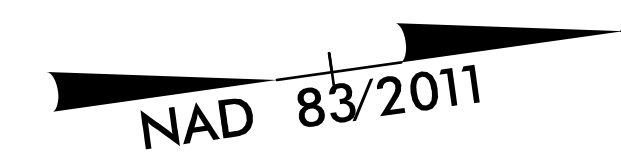
SEAL



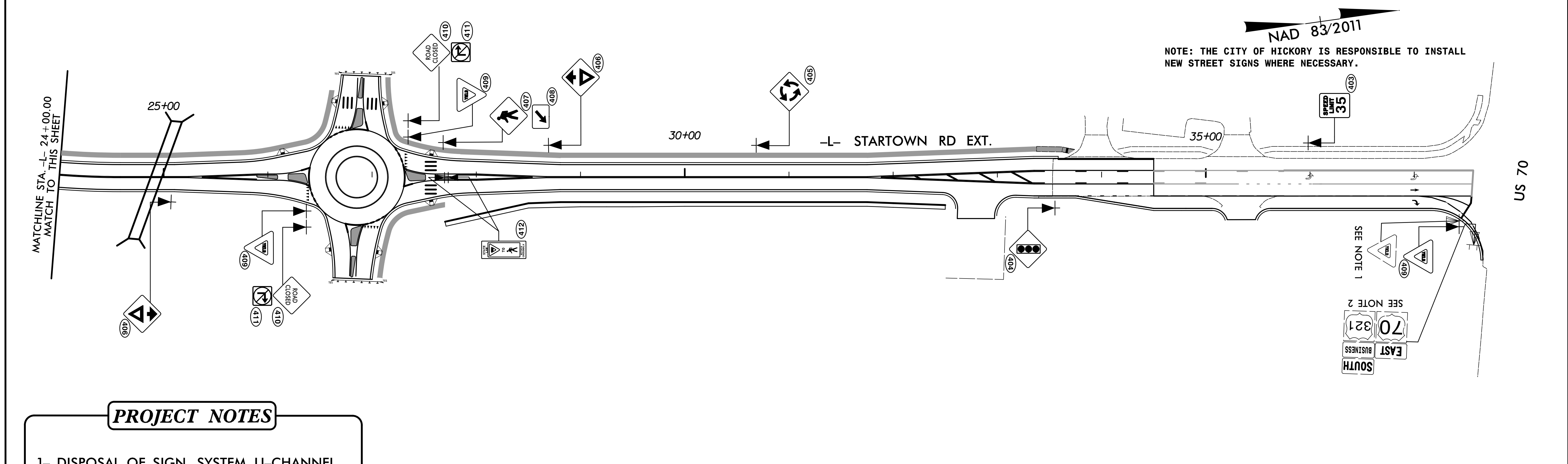
10/3/2017

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PROJECT NOTES

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- 2- EXISTING SIGN TO REMAIN

**EXISTING AND PROPOSED
SIGNING DETAIL**

10/2/2017
X:\66001\U-5510\Traffic\Signing\CADD\Signing Layout Plans\U-5510_Sgn_SGN_4.dgn
User:smelvin