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T.I.P.: R-5711

CONTRACT:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PROJECT REFERENCE NO.	SHEET NO.
R-5711	SGN-01

APPROVED: Signed by: Brittany Groome 1E0053A0E1D64484... (Signed by: Brittany Groome)

DATE: 10/13/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 052936 ENGINEER BRITTANY N. GROOME

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SIGNING PLAN
IREDELL COUNTY

LOCATION: INTERSECTION IMPROVEMENTS AT US 21/NC 115 (S. MAIN STREET) AND SR 1312 (FLOWER HOUSE LOOP)/ SR 2375 (HOUSTON ROAD)

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	242	LF.
4102000000	904	SIGN ERECTION, TYPE E	14	EA.
4108000000	904	SIGN ERECTION, TYPE F	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	18	EA.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - CONTRACT STANDARDS AND DEVELOPMENT 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' SIGN ON 'U' CHANNEL POSTS

SIGNING GENERAL NOTES

. SIGNS FURNISHED BY STATE

. CONFIRM IN WRITING AT LEAST 6 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.

. 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.

PLAN PREPARED FOR:
NCDOT DIVISION 12
CONTACT: BRYAN SOWELL, PE
1710 E MARION STREET
SHELBY, NC 28151

STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION

Plans Prepared By:

DRMP

DRMP, INC.
8210 UNIVERSITY EXECUTIVE PARK DR.
SUITE 220
CHARLOTTE, NC 28262
PHONE: 704-549-4260

NC LICENSE NO. F-1524
www.drmp.com

BRITTANY GROOME, PE, PTOE, RSP1 — PROJECT ENGINEER

DARREN WHITE — PROJECT DESIGN ENGINEER

INDEX

SHEET NO.	DESCRIPTION
SGN-01	TITLE SHEET
SGN-02 & 02A	E AND F SHEETS
SGN-03-05	SIGNING PLANS

10/13/2026
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tgroome

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PROJECT REFERENCE NO.	SHEET NO.
R-5711	SGN-02

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DATE: 9/30/2026

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401 QUANTITY REQ'D 2



30 X 30
R1-1

ONE "U" POST PER SIGN

402 QUANTITY REQ'D 4



24 X 30
R2-1

ONE "U" POST PER SIGN

403 QUANTITY REQ'D 1



24 X 30
R2-1

ONE "U" POST PER SIGN

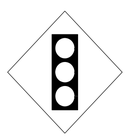
404 QUANTITY REQ'D 2



30 X 30
W1-4

ONE "U" POST PER SIGN

405 QUANTITY REQ'D 5



30 X 30
W3-3

ONE "U" POST PER SIGN

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TYPE "E" SIGNS

9/17/2025
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User:DWhite

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PROJECT REFERENCE NO.	SHEET NO.
R-5711	SGN-2A

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DATE: 9/30/2026

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NORTH CAROLINA PROFESSIONAL SEAL 052936 ENGINEER BRITTANY N. GROOME

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501 QUANTITY REQ'D 1



21 X 15 M2-1

24 X 24 M1-1

ONE 'U' POST PER SIGN

502 QUANTITY REQ'D 1

24 X 12 M3-1 | 24 X 12 M3-3



24 X 24 M1-1 | 24 X 24 M1-1

21 x 15 M6-3 | 21 X 15 M5-2

TWO 'U' POSTS PER SIGN

503 QUANTITY REQ'D 1

24 X 12 M3-1

24 X 24 M1-4

24 X 24 M1-4

ONE 'U' POST PER SIGN

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www.drmp.com

TYPE "F" SIGNS

8/17/2026
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User:DMate

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TIP NO.	SHEET NO.
R-5711	SGN-03

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★ Proposed Signal

SEE SGN-04
MATCHLINE -L- STA 31+00

MATCHLINE -Y2- STA 26+50
SEE SGN-05

-Y2- Flower House Loop

-L- US 21/NC 115 (S. Main St)

-Y3- Houston Rd

-Y4-Julian Pl

END PAVEMENT MARKING & SIGNING
-Y3- STA 16+50
TIE TO EXISTING

BEGIN PAVEMENT MARKING & SIGNING
-Y4- STA 17+50

BEGIN PAVEMENT MARKING & SIGNING
-L- STA 22+40
TIE TO EXISTING

NAD 83

PROJECT NOTES

1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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SIGNING PLANS

-L- STA 22+00 TO -L- STA 31+00
-Y2- STA 26+50 TO -Y2- STA 29+45
-Y3- STA 10+00 TO -Y3- STA 16+50
-Y4- STA 17+50 TO -Y4- STA 20+43

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TIP NO.	SHEET NO.
R-5711	SGN-04

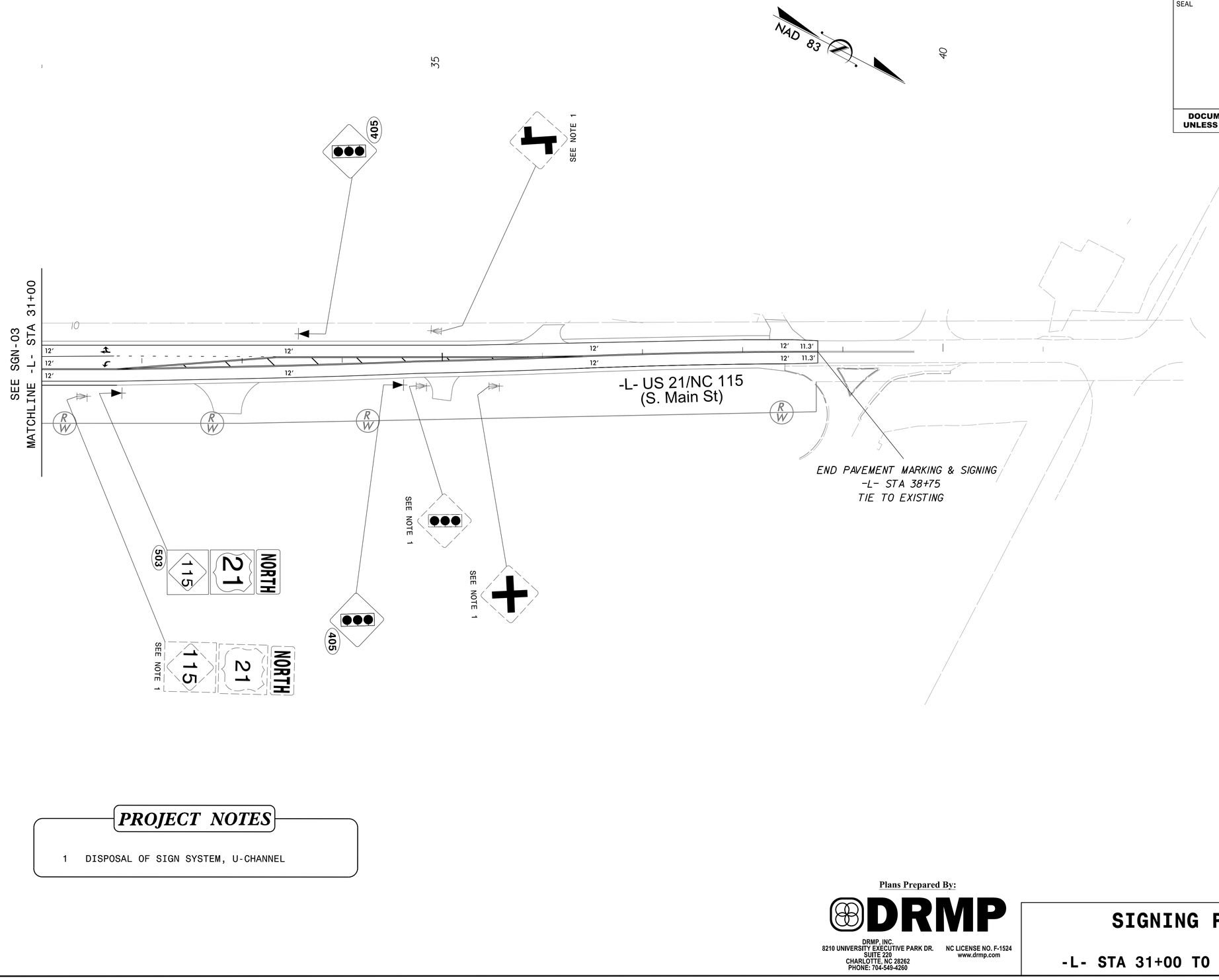
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PROJECT NOTES

1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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SIGNING PLANS

-L- STA 31+00 TO -L- STA 38+75

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TIP NO.	SHEET NO.
R-5711	SGN-05

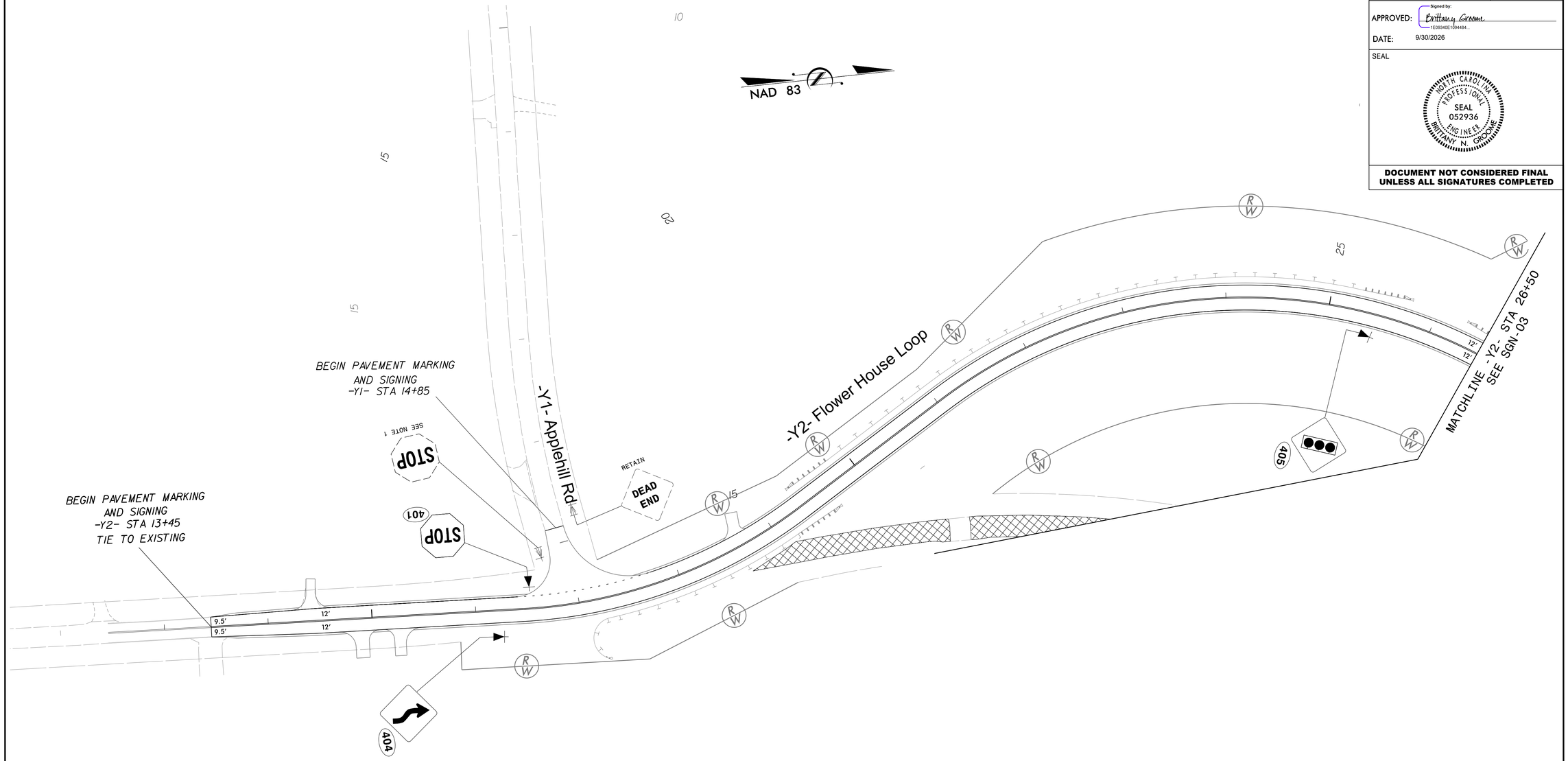
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PROJECT NOTES

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SIGNING PLANS

-Y1- STA 14+85 TO -Y1- STA 15+60
-Y2- STA 13+45 TO -Y2- STA 26+50

9/17/2026
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User:DWhite