

K:\CHL\PROJECTS\365528 - U-6105 (Bailey Rd. Exit)\Traffic\Signing\CADD\Signing Layout Plans\U-6105_rdy_sgn_1.tshdgn 12/18/2025

T.I.P.: U-6105

CONTRACT: C205095

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: SR 2415 (BAILEY ROAD) FROM POOLE PLACE DRIVE TO
US 21 (STATESVILLE ROAD) IN CORNELIUS
CONSTRUCT ROADWAY ON NEW LOCATION

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 POSTS

GENERAL NOTES

- CONTRACTOR FURNISHED SIGNS:
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
 - 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 EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
 - ALL EXISTING SIGNS ON "U" CHANNEL POSTS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
 - THE BACKGROUND FOR TYPE 'E' SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

SUMMARY OF QUANTITIES

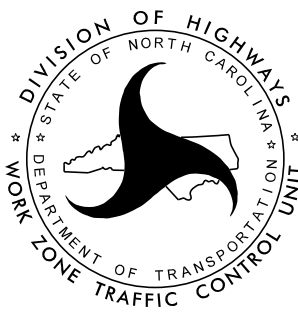
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	13	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	147	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	458	L.F.
4102000000	904	SIGN ERECTION, TYPE E	28	EA.
4116100000	904	SIGN ERECTION, RELOCATED TYPE E (GROUND MOUNTED)	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	SINGLE LANE URBAN ROUNDABOUT SIGNING, WITH PEDESTRIAN DETAIL
SIGN 2	SIGN DESIGNS
SIGN-2A	TYPE "E" SIGNS SHEET
SIGN-3 THRU SIGN-5	SIGNING PLAN SHEETS

PLAN REVIEWED BY: DESIGN-BUILD UNIT & SIGNING AND DELINEATION UNIT

KELVIN L. JORDAN	SIGNING & DELINEATION REGIONAL ENGINEER
JONROBERT NAVARRETE	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.

JASON D. LAWING, P.E.	PROJECT DESIGN ENGINEER
ANDREW WEEKS, E.I.	DESIGNER

Kimley»Horn

TIP NO.	SHEET NO.
U-6105	SIGN-1
APPROVED: _____	
DATE: _____	
SEAL 	

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REVISIONS

8/26/2025 K:\CHL_PRJ\01036528 - U-605 (Bailey Rd Ex)\Traffic\Signing\CADD\Signing Layout Plans\U-605_rdy_sgn_A.dgn

POSTED SPEED	D
20 MPH	115'
25 MPH	155'
30 MPH	200'
35 MPH	250'

TRUCK APRON

CENTER ISLAND

OPTIONAL

LEGEND

★ OPTIONAL

— STATIONARY SIGN ON ONE SUPPORT

— STATIONARY SIGN ON TWO SUPPORTS

NOTES:

1- THE MUTCD PROVIDES MINIMUM SIGN SIZES IN TABLE 2B-1 (REGULATORY), 2C-1 AND 2C-2 (WARNING), AND 2D-1 (GUIDE).

2- W11-2, W16-7P, AND R1-6 SHALL USE FLUORESCENT YELLOW-GREEN SHEETING IN PLACE OF YELLOW SHEETING.

3- OPTIONAL SIGNS THAT COULD BE INSTALLED WITH W2-6 WOULD ALSO INCLUDE W13-1P, W16-12aP AND W16-12P. OPTIONAL SIGNS SHALL BE INSTALLED AT THE DISCRETION OF THE ENGINEER.

4- RIGHT SIDE SUPPORT-MOUNTED YIELD SIGNS SHALL BE ANGLED TO FORM AN EXTENSION OF THE YIELD LINE.

5- REFER TO RSD 1205.14 FOR PAVEMENT MARKING DETAILS. PAVEMENT MARKING ON THIS SHEET IS SHOWN FOR REFERENCE ONLY.

6- REFER TO MUTCD FIGURES 2A-4, 2B-22, AND 2D-12 FOR ADDITIONAL SIGNING GUIDANCE.

7- THE MUTCD PROVIDES GUIDANCE FOR DIMENSION "D" IN TABLE 2C-3 AND SHOULD BE APPLIED WITH ENGINEERING JUDGEMENT.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
**SINGLE LANE URBAN ROUNDABOUT
SIGNING, WITH PEDESTRIANS**

SHEET 1B OF 2
910D40

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**

Office 919-707-8950 FAX 919-250-4119

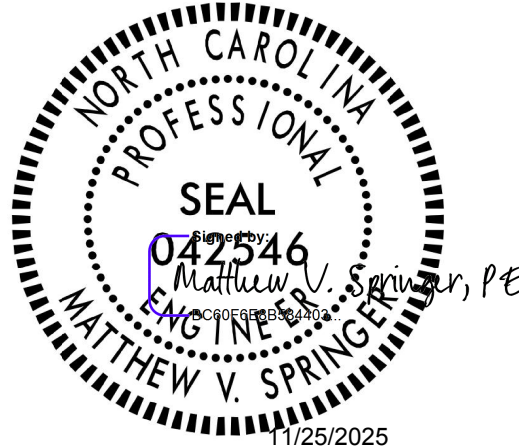
SEE TITLE BLOCK

ORIGINAL BY: **R.S. GALLO** DATE: **02-29-2024**

MODIFIED BY: DATE:

CHECKED BY: DATE:

FILE SPEC.:

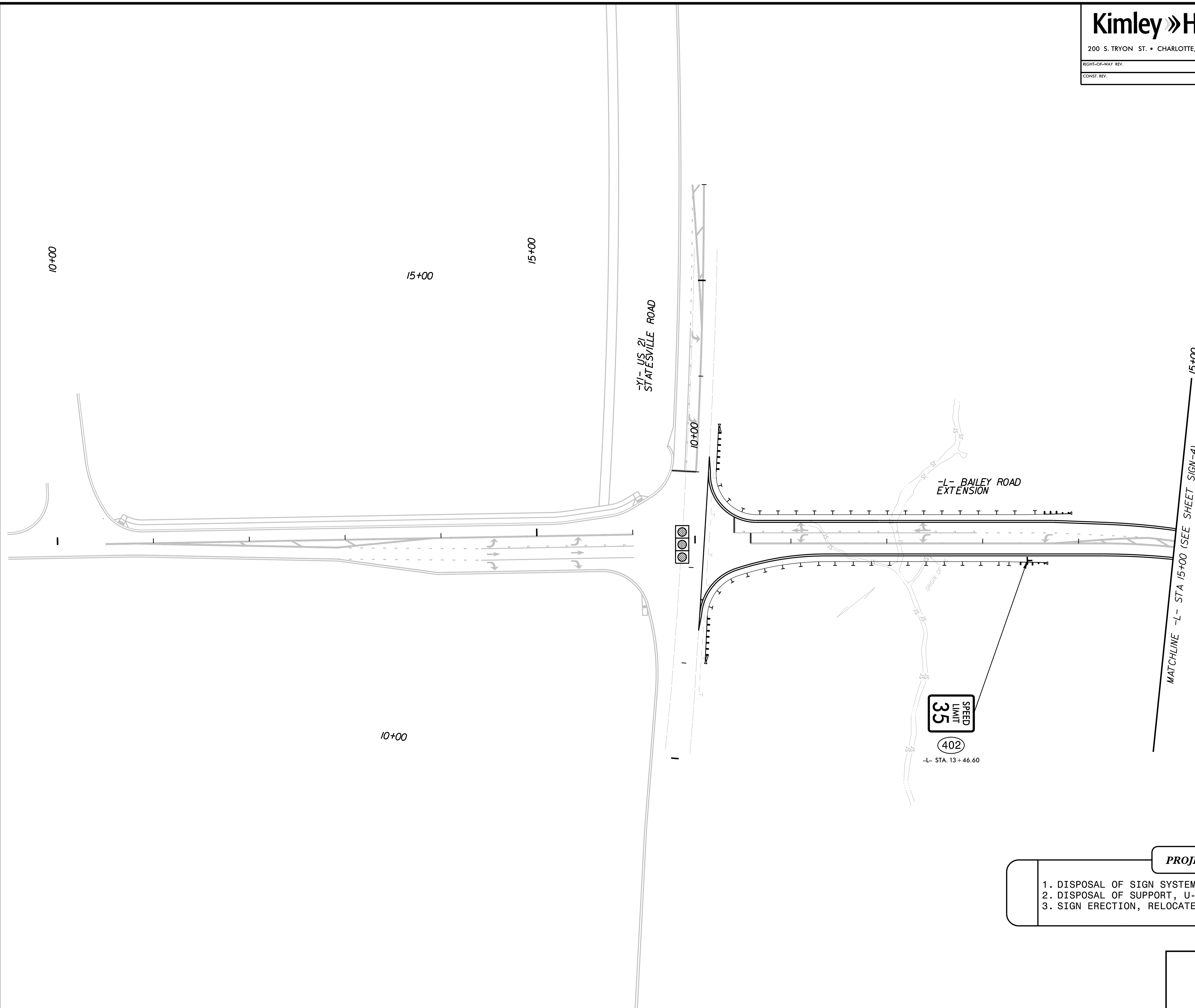


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NOTE: FURNISH SIGNS 403, 415, 416, 417, AND 418 WITH HIGH-INTENSITY REFLECTIVE SHEETING, POST REFLECTORS AND REFLECTIVE SLEEVE ON U-CHANNEL

REVISIONS

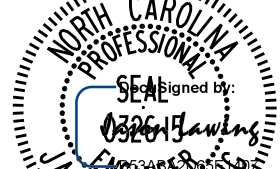
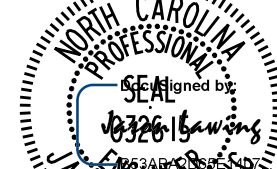
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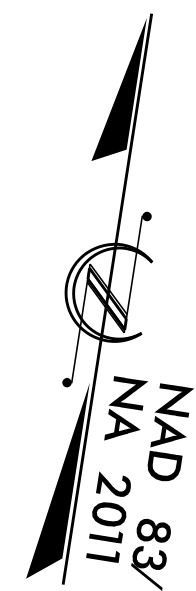


PROJECT NOTES

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

SIGNING PLAN SHEETS

 © 2025 200 S. TRYON ST. • CHARLOTTE, NC 28202	PROJECT REFERENCE NO.		SHEET NO.	
	U-6105		SIGN-3	
	R/W SHEET NO.			
	ROADWAY ENGINEER		HYDRAULICS ENGINEER	
				
RIGHT-OF-WAY REV.				
CONST. REV.				
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED				



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RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

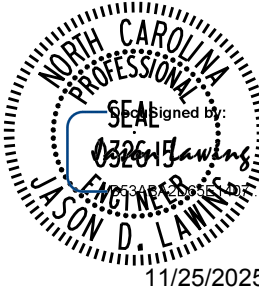
U-6105

SHEET NO.

SIGN-4

R/W SHEET NO.

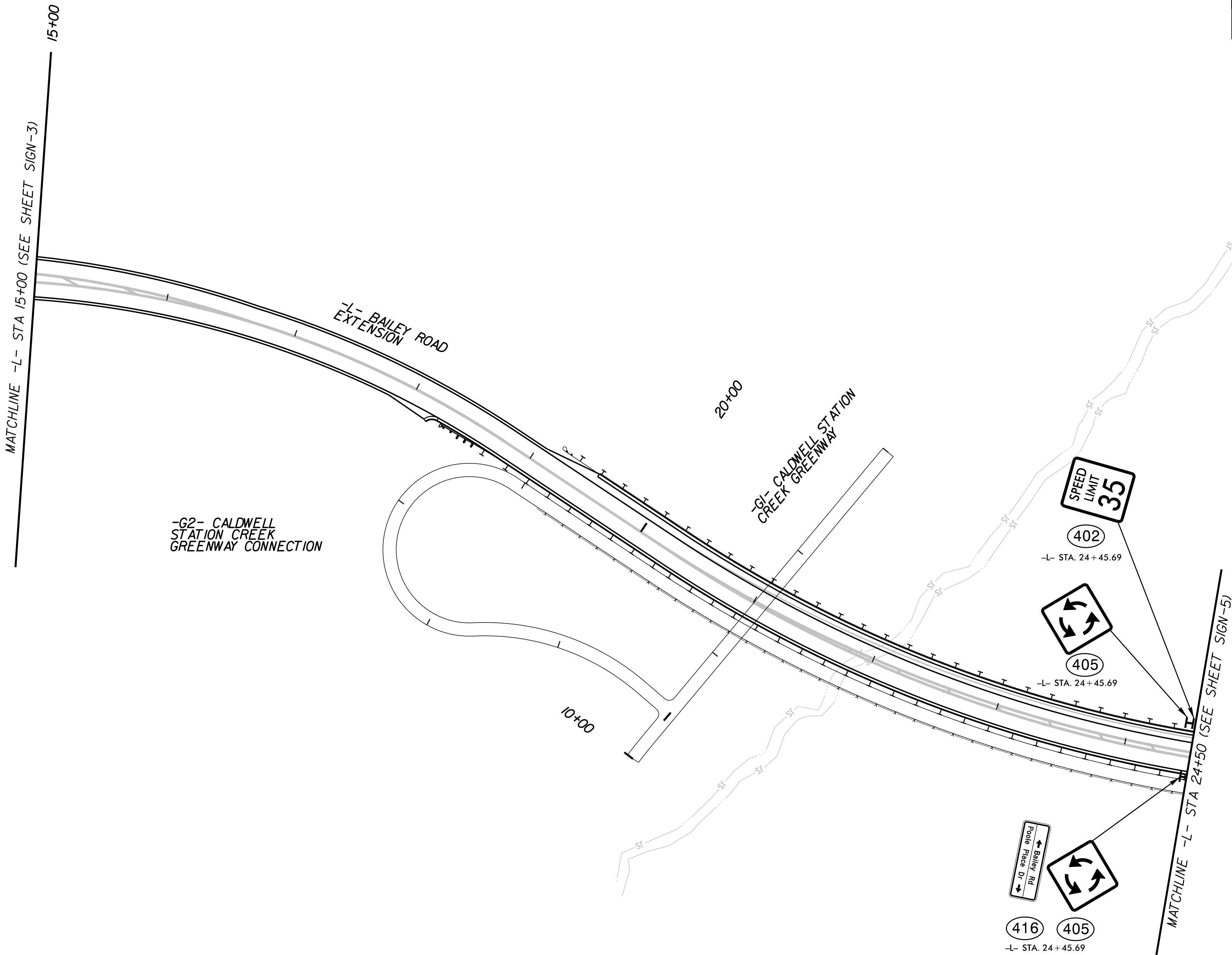
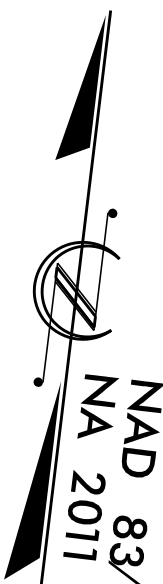
ROADWAY ENGINEER



HYDRAULICS ENGINEER



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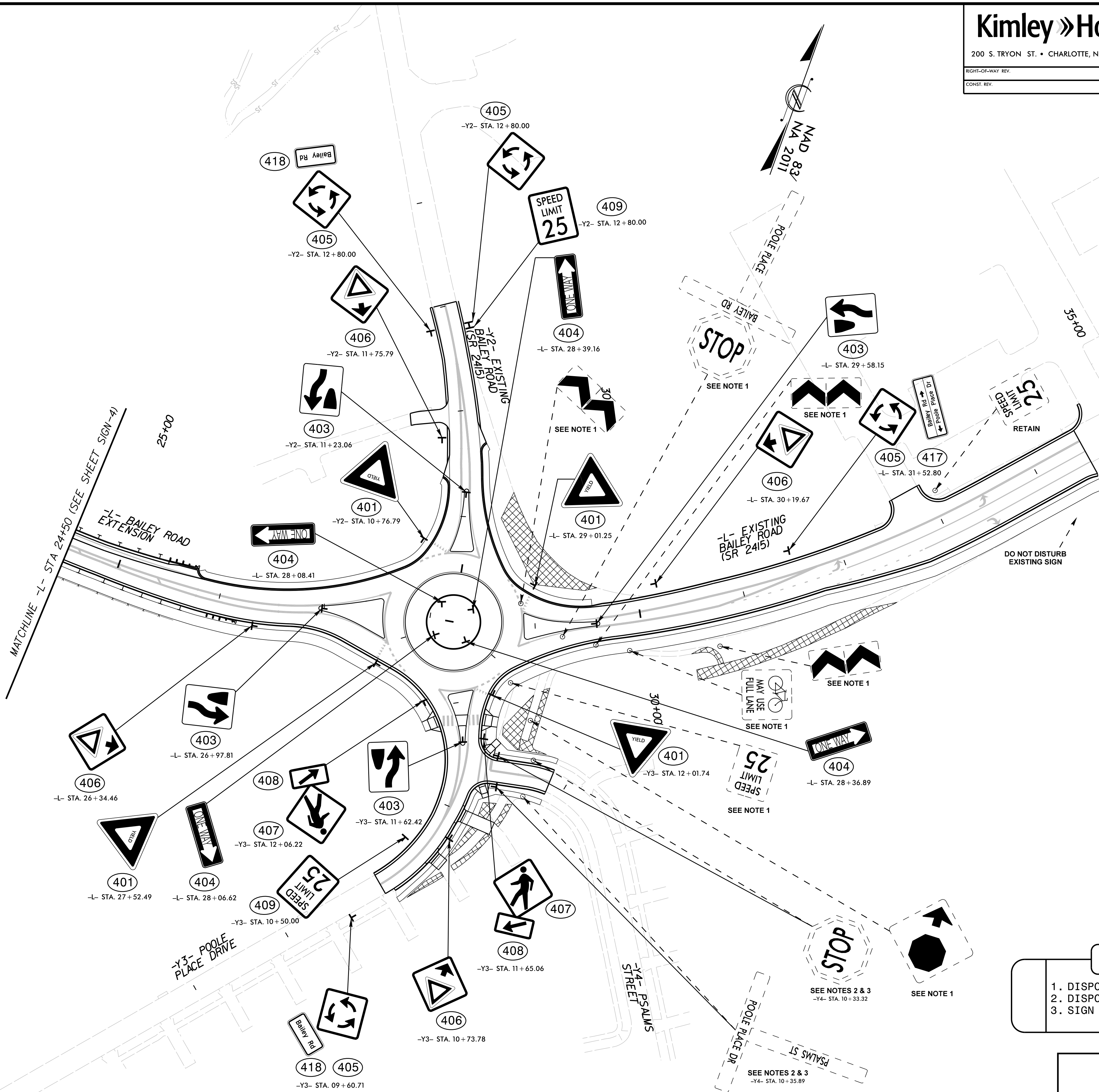
SIGNING PLAN SHEETS

REVISIONS

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REVISIONS

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. U-6105	SHEET NO. SIGN-5
R/W SHEET NO.	
ROADWAY ENGINEER 	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NOTES

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

SIGNING PLAN SHEETS