

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

WAKE COUNTY

LOCATION: EXTENSION OF AIRPORT BOULEVARD (SR 3126) FROM

GARDEN SQUARE LANE TO CHURCH STREET (SR 1637)

IN MORRISVILLE CONSTRUCT ROADWAY ON NEW LOCATION

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" CONTRACTS 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
901.70	SIGN STRINGERS AND SUPPORT SPACING
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.20	SIGNING SCHOOL ZONE
1264.01	OBJECT MARKER TYPES
1264.02	OBJECT MARKERS INSTALLATION

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LBS STEEL U-CHANNEL	440	LF
4102000000	904	SIGN ERECTION, TYPE E	54	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	32	EA

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	SIGNING TITLE SHEET
SIGN-2	SIGN DESIGNS
SIGN-3	TYPE "E" SIGNS
SIGN-4 THRU SIGN-6	EXISTING AND PROPOSED SIGNS

GENERAL NOTES

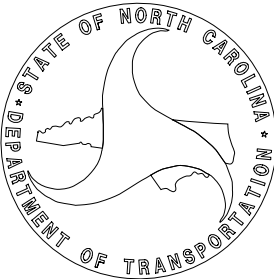
- SIGNS FURNISHED BY STATE
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK 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.

PROJECT NOTES

- RELOCATED BY OTHERS
- DISPOSAL OF SIGN SYSTEM, U CHANNEL
- RELOCATE DECORATIVE SIGN & SOLAR POWERED RRFB.

PLAN REVIEWED BY: NCDOT SIGNING AND DELINEATION UNIT:

MITCH EATON, PE	SIGNING AND DELINEATION REGIONAL ENGINEER
DERRICK H. BEARD	SIGNING AND DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: LOCHNER

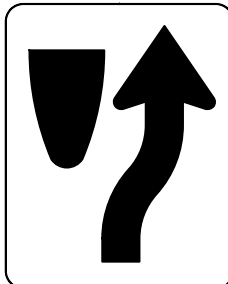
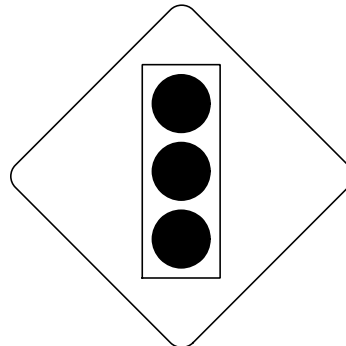
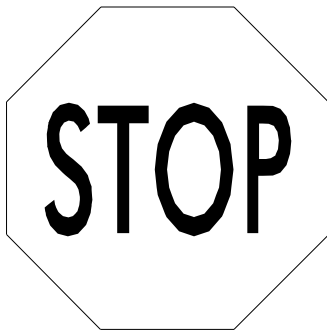
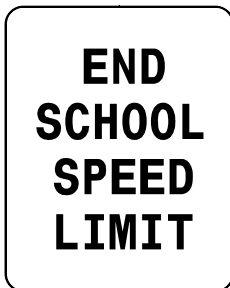
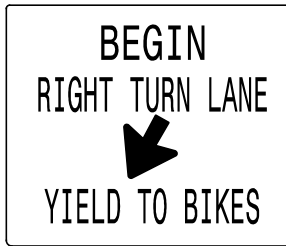
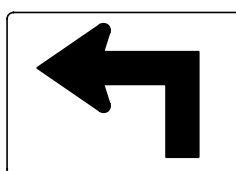
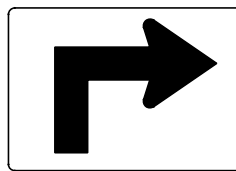
LISA M. MOON, PE	PROJECT ENGINEER
JASON TALLEY, PE	PROJECT ENGINEER

Lochner

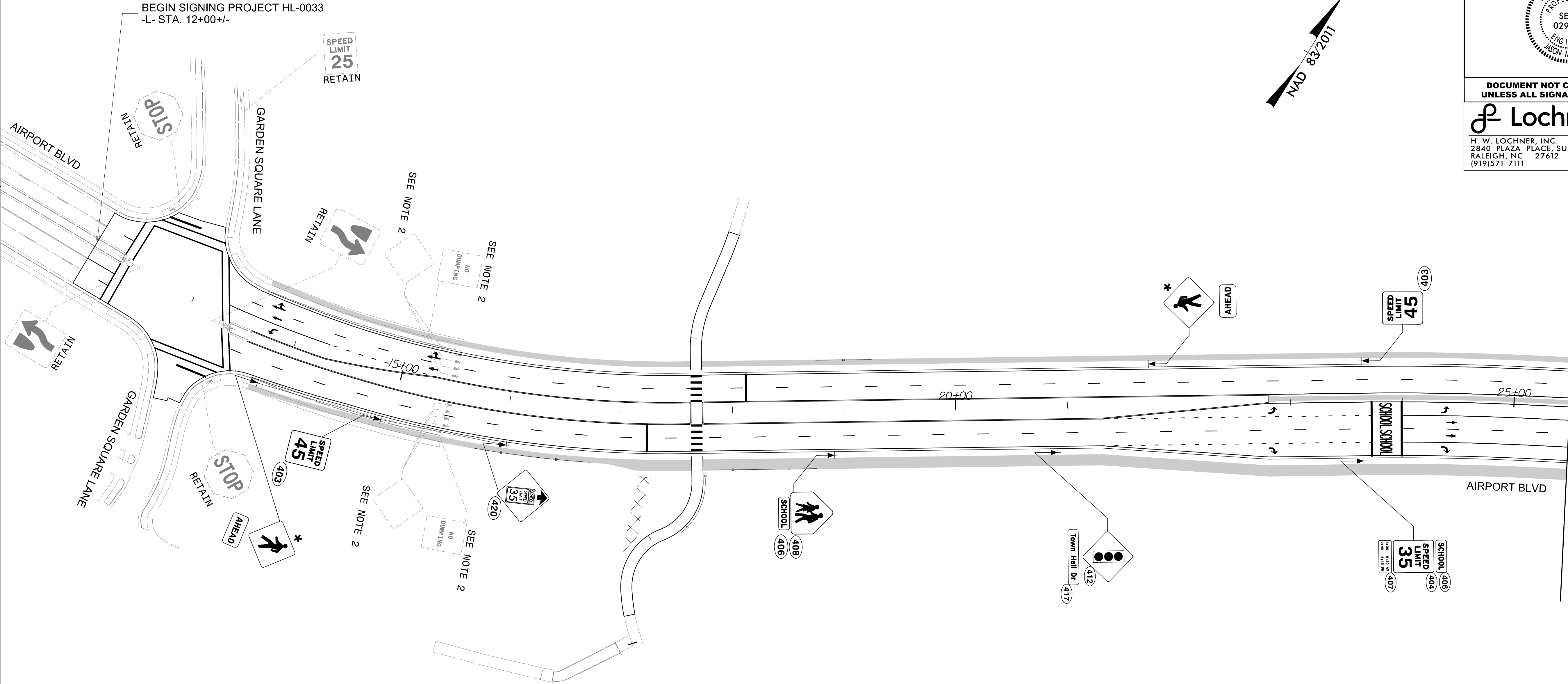
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919) 571-7111

NC License
Number F-0159

TIP NO.	SHEET NO.
HL - 0033	SIGN - 1
APPROVED:  SEAL 029473	
DATE: 12/23/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

*SEE SIGNAL PLANS FOR PAY ITEMS. SHOWN FOR SPACING  36" X 36" W11-2		*SEE SIGNAL PLANS FOR PAY ITEMS. SHOWN FOR SPACING AHEAD 24" X 12" W16-9P		403 QUANTITY REQ'D 4 SPEED LIMIT 45 30" X 36" R2-1 ONE "U" POST PER SIGN		404 QUANTITY REQ'D 2 SPEED LIMIT 35 30" X 36" R2-1 ONE "U" POST PER SIGN		405 QUANTITY REQ'D 3 SPEED LIMIT 25 30" X 36" R2-1 ONE "U" POST PER SIGN		406 QUANTITY REQ'D 9 SCHOOL 24" X 9" S4-3P MOUNT ABOVE SIGN 404 IN 2 INSTALLATIONS MOUNT ABOVE SIGN 405 IN 3 INSTALLATIONS MOUNT BELOW SIGN 408 IN 3 INSTALLATIONS		TIP NO. HL - 0033 SHEET NO. SIGN - 3 APPROVED: Signed by: Jason Talley 552A97DA2E1F41B DATE: 12/23/2025 SEAL  DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED  H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612 (919)571-7111 NC License Number F-0159	
407 QUANTITY REQ'D 5 8 00 9 30 AM 2 45 4 15 PM 24" X 12" S4-1P MOUNT BELOW SIGN 404 IN 2 INSTALLATIONS MOUNT BELOW SIGN 405 IN 3 INSTALLATIONS		408 QUANTITY REQ'D 4  36" X 36" S1-1 ONE "U" POST PER SIGN		409 409 IS NOT BEING USED.		410 QUANTITY REQ'D 4  24" X 30" R4-7 ONE "U" POST PER SIGN		411 411 IS NOT BEING USED.		412 QUANTITY REQ'D 7  30" X 30" W3-3 ONE "U" POST PER SIGN			
413 QUANTITY REQ'D 1  36" X 36" R1-1 ONE "U" POST PER SIGN		414 QUANTITY REQ'D 1  48" X 18" R6-1 TWO "U" POSTS PER SIGN		415 QUANTITY REQ'D 1  24" X 18" R3-17 ONE "U" POST PER SIGN		416 QUANTITY REQ'D 1  24" X 8" R3-17B MOUNT BELOW SIGN 415 IN 1 INSTALLATION		417 QUANTITY REQ'D 2  42" X 8" W16-8P SEE SIGN DESIGN MOUNT BELOW SIGN 412 IN 2 INSTALLATIONS		418 QUANTITY REQ'D 1  36" X 8" W16-8P SEE SIGN DESIGN MOUNT BELOW SIGN 412 IN 1 INSTALLATION		419 QUANTITY REQ'D 4  42" X 8" W16-8P SEE SIGN DESIGN MOUNT BELOW SIGN 412 IN 4 INSTALLATIONS	
420 QUANTITY REQ'D 1  36" X 36" S4-5 ONE "U" POST PER SIGN		421 QUANTITY REQ'D 1  24" X 30" S5-3 ONE "U" POST PER SIGN		422 QUANTITY REQ'D 1  36" X 30" R4-4 ONE "U" POST PER SIGN		423 QUANTITY REQ'D 1  21" X 15" W16-6P L MOUNT BELOW SIGNS 406 & 408 IN 1 INSTALLATION		424 QUANTITY REQ'D 1  21" X 15" W16-6P R MOUNT BELOW SIGNS 406 & 408 IN 1 INSTALLATION					
TYPE "E" SIGNS													

TIP NO.	SHEET NO.
HL - 0033	SIGN - 4
APPROVED: signed by: Jason Talley 022AB7DA2E1F41B	
DATE: 12/23/2025	
SEAL	
Seal: NORTH CAROLINA PROFESSIONAL SEAL 029473 ENGINEER JASON M. TALLEY	
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Logo: Lochner H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612 (919)571-7111 NC License Number F-0159	



MATCHLINE -L- STA. 25+50
SEE SHEET SIGN-5

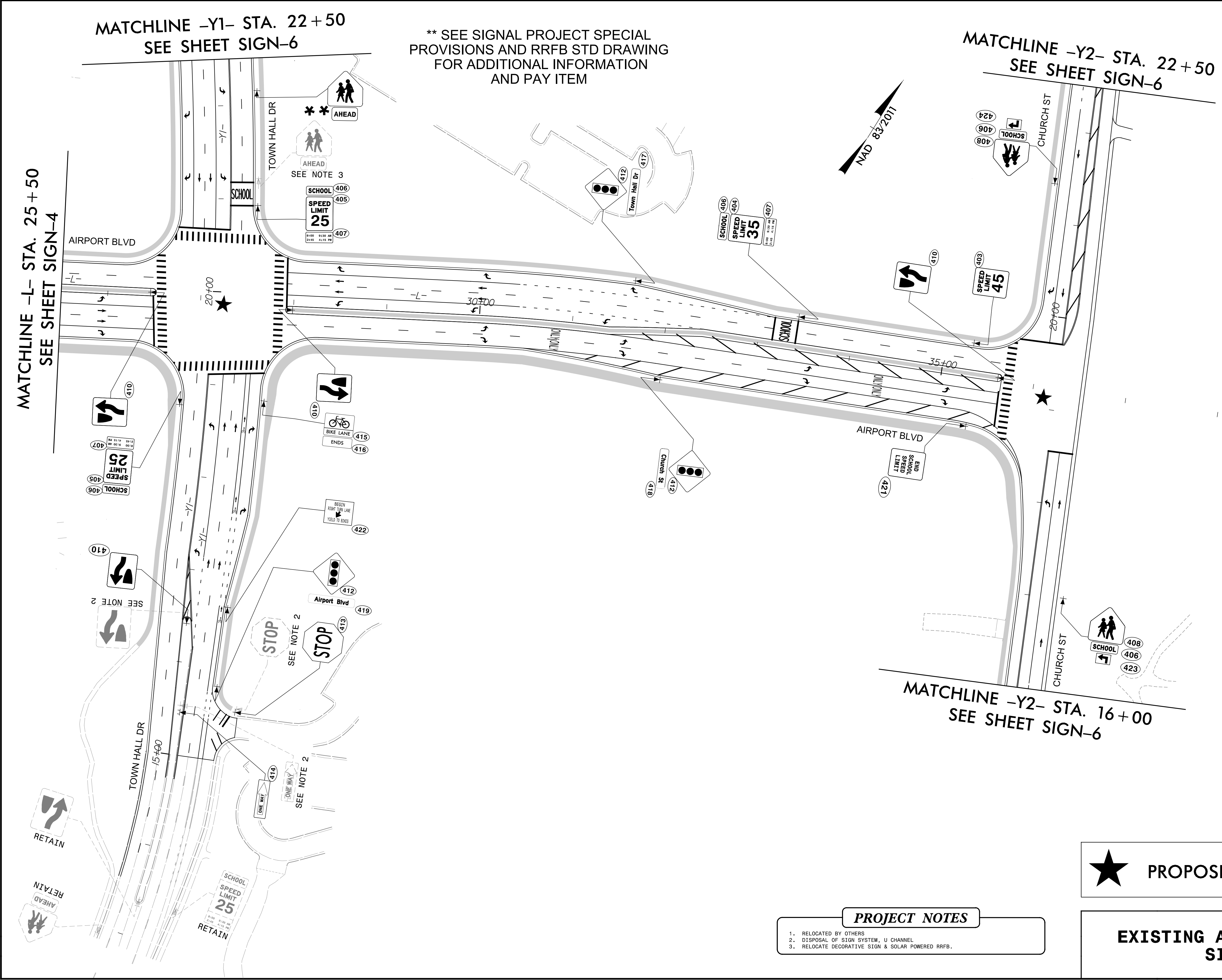
*SEE SIGNAL PLANS
FOR SIGN LOCATION
AND PAY ITEM

PROJECT NOTES

1. RELOCATED BY OTHERS
2. DISPOSAL OF SIGN SYSTEM, U CHANNEL
3. RELOCATE DECORATIVE SIGN & SOLAR POWERED RRFB.

★ PROPOSED SIGNAL

EXISTING AND PROPOSED
SIGNS



MATCHLINE -L- STA. 25 + 50
SEE SHEET SIGN-4

MATCHLINE -Y1- STA. 22 + 50
SEE SHEET SIGN-6

** SEE SIGNAL PROJECT SPECIAL
PROVISIONS AND RRFB STD DRAWING
FOR ADDITIONAL INFORMATION
AND PAY ITEM

MATCHLINE -Y2- STA. 22 + 50
SEE SHEET SIGN-6

MATCHLINE -Y2- STA. 16 + 00
SEE SHEET SIGN-6

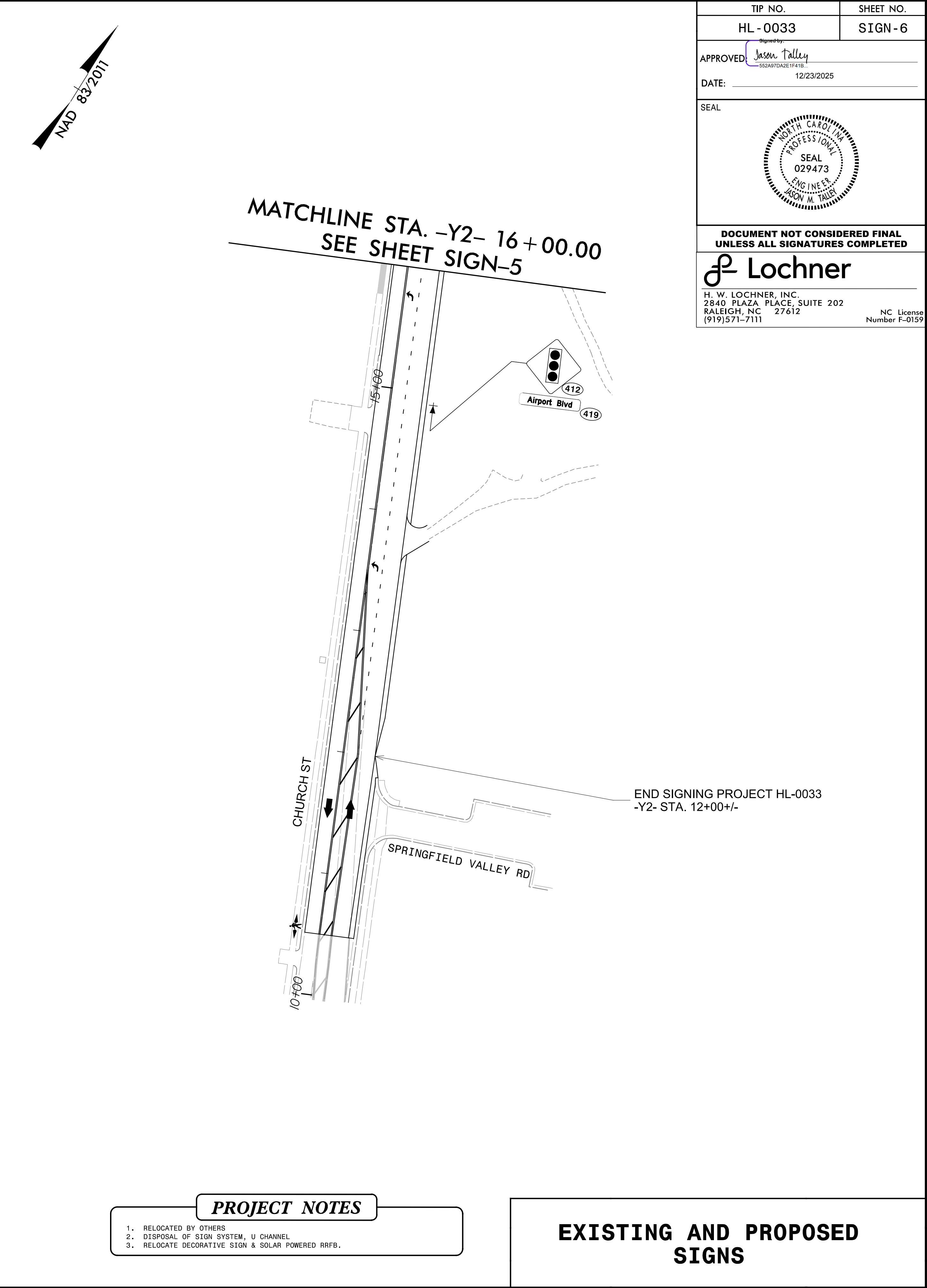
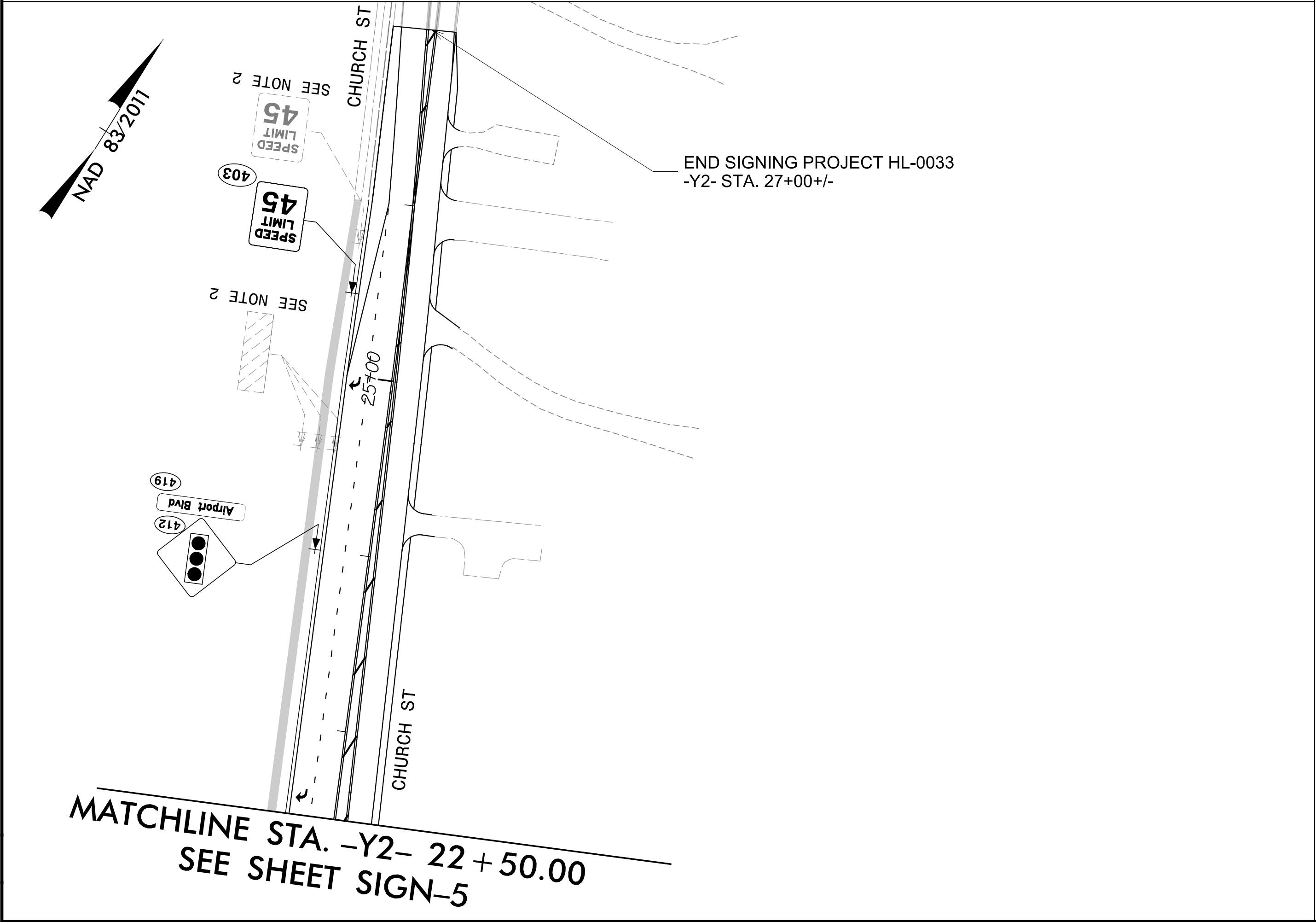
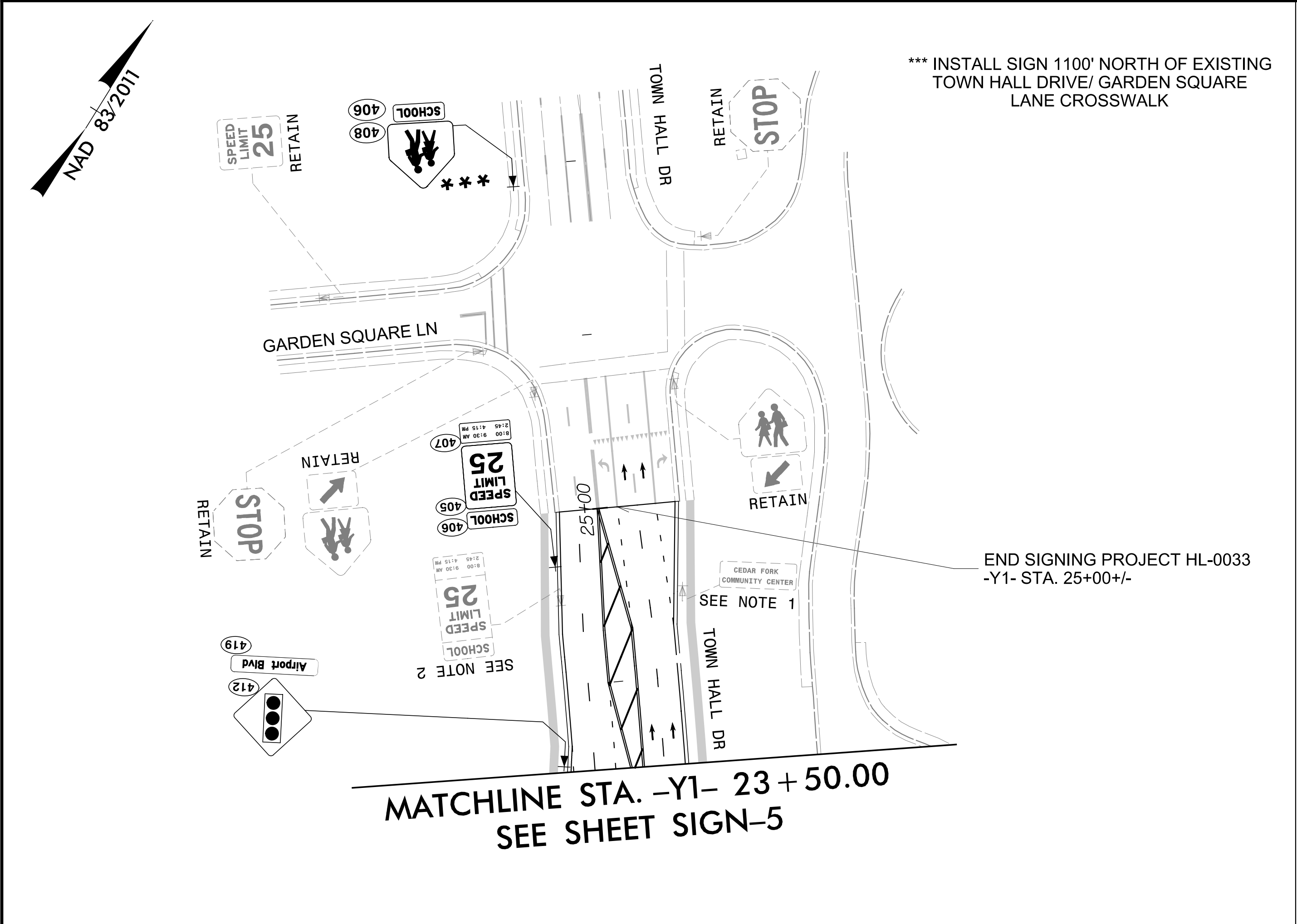
★ PROPOSED SIGNAL

PROJECT NOTES

- 1. RELOCATED BY OTHERS
- 2. DISPOSAL OF SIGN SYSTEM, U CHANNEL
- 3. RELOCATE DECORATIVE SIGN & SOLAR POWERED RRFB.

EXISTING AND PROPOSED
SIGNS

TIP NO. HL-0033	SHEET NO. SIGN-5
APPROVED:  552A97DA2E1F41B	
DATE: 12/23/2025	
SEAL 	
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 H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612 (919) 571-7111 NC License Number F-0159	



TIP NO.	SHEET NO.
HL - 0033	SIGN-6
APPROVED: <i>Jason Talley</i> 552A97DA2E1F41B	
DATE: 12/23/2025	
SEAL	
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