

T.I.P.: U-5899

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
FORSYTH COUNTY

LOCATION: FORUM PARKWAY CONNECTOR FROM SR-3955
(FORUM PARKWAY) TO NC 66 (UNIVERSITY PARKWAY) IN RURAL HALL

INDEX

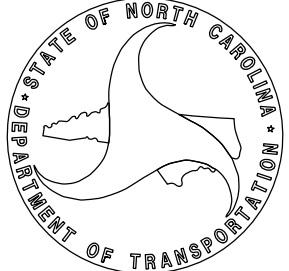
SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET, INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND SUMMARY OF QUANTITIES
SIGN-2	TYPE "D" SIGN DESIGN
SIGN-3	TYPE "E" AND "F" SIGNS
SIGN-4 THRU 8A	SIGNING DETAILS

GENERAL NOTES

- THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.
- A) SIGNS FURNISHED BY STATE
 - B) CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
 - C) ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
 - D) 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.
 - E) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
 - F) ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
 - G) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
 - H) THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

NCDOT CONTACT:

CONNIE JAMES, PE DIVISION PROJECT ENGINEER



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
901.50	ARROWS AND SHIELDS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	346	LF.
4082000000	903	SUPPORTS, STEEL SQUARE TUBE	38	LF.
4096000000	903	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	20	EA.
4108000000	904	SIGN ERECTION, TYPE F	3	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	18	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA.
4273000000	SP	SUPPORT, OMNI-DIRECTIONAL BREAKAWAY	4	EA.

PLAN PREPARED BY: MOTT MACDONALD

DAVID W BISSETTE, PE PRINCIPAL PROJECT MANAGER
SAM COLEMAN, PE PROJECT ENGINEER

PLANS PREPARED FOR THE NCDOT BY:
MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

TIP NO.
U-5899

SHEET NO.
SIGN-1

APPROVED:

Signed by: David Bissette

DATE: 28-Mar-2025

SEAL

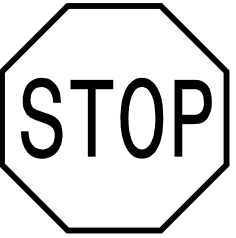
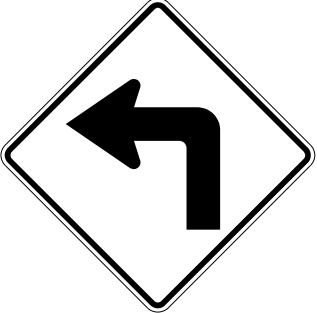
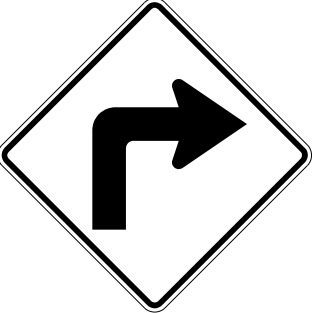
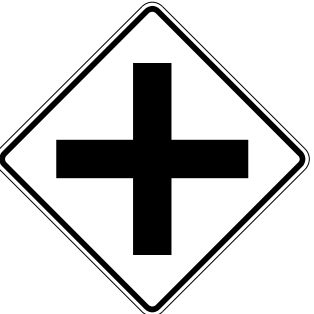
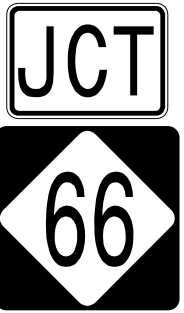
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
030864
DAVID W. BISSETTE

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TYPE "D" SIGN DESIGN

Spacing Factor is 1 unless specified otherwise

3/25/2025
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User:iso-dbissette

401 QUANTITY REQ'D 6  R1-1 30" X 30" ONE "U" POST PER SIGN	402 QUANTITY REQ'D 1  R2-1 24" X 30" ONE "U" POST PER SIGN	403 QUANTITY REQ'D 1  R3-7 36" X 36" ONE "U" POST PER SIGN	404 QUANTITY REQ'D 4  R4-7 24" X 30" ONE "OMNI-DIRECTIONAL BREAKAWAY SUPPORT" AND "ONE STEEL SQUARE TUBE SUPPORT" PER SIGN	405 QUANTITY REQ'D 2  W1-1L 30" X 30" ONE "U" POST PER SIGN	406 QUANTITY REQ'D 1  W1-1R 30" X 30" ONE "U" POST PER SIGN
407 QUANTITY REQ'D 1  W2-1 30" X 30" ONE "U" POST PER SIGN	408 QUANTITY REQ'D 3  W13-1P 18" X 18" MOUNTED BELOW SIGN 405 IN 2 INSTALLATIONS AND BELOW SIGN 406 IN 1 INSTALLATION	409 QUANTITY REQ'D 4  W14-2 30" X 30" ONE "U" POST PER SIGN			
501 QUANTITY REQ'D 1  M2-1 21" X 15" M1-5 24" X 24" ONE "U" POST PER SIGN	502 QUANTITY REQ'D 1 M3-3N 24" X 12" M1-5 24" X 24" M5-1L 21" X 15" NORTH SOUTH 66 66 ← → M3-3S 24" X 12" M1-5 24" X 24" M5-1R 21" X 15" TWO "U" POST PER SIGN		503 QUANTITY REQ'D 1 M3-3N 24" X 12" M1-5 24" X 24" M6-1L 21" X 15" NORTH SOUTH 66 66 ← → M3-3S 24" X 12" M1-5 24" X 24" M6-1R 21" X 15" TWO "U" POST PER SIGN		

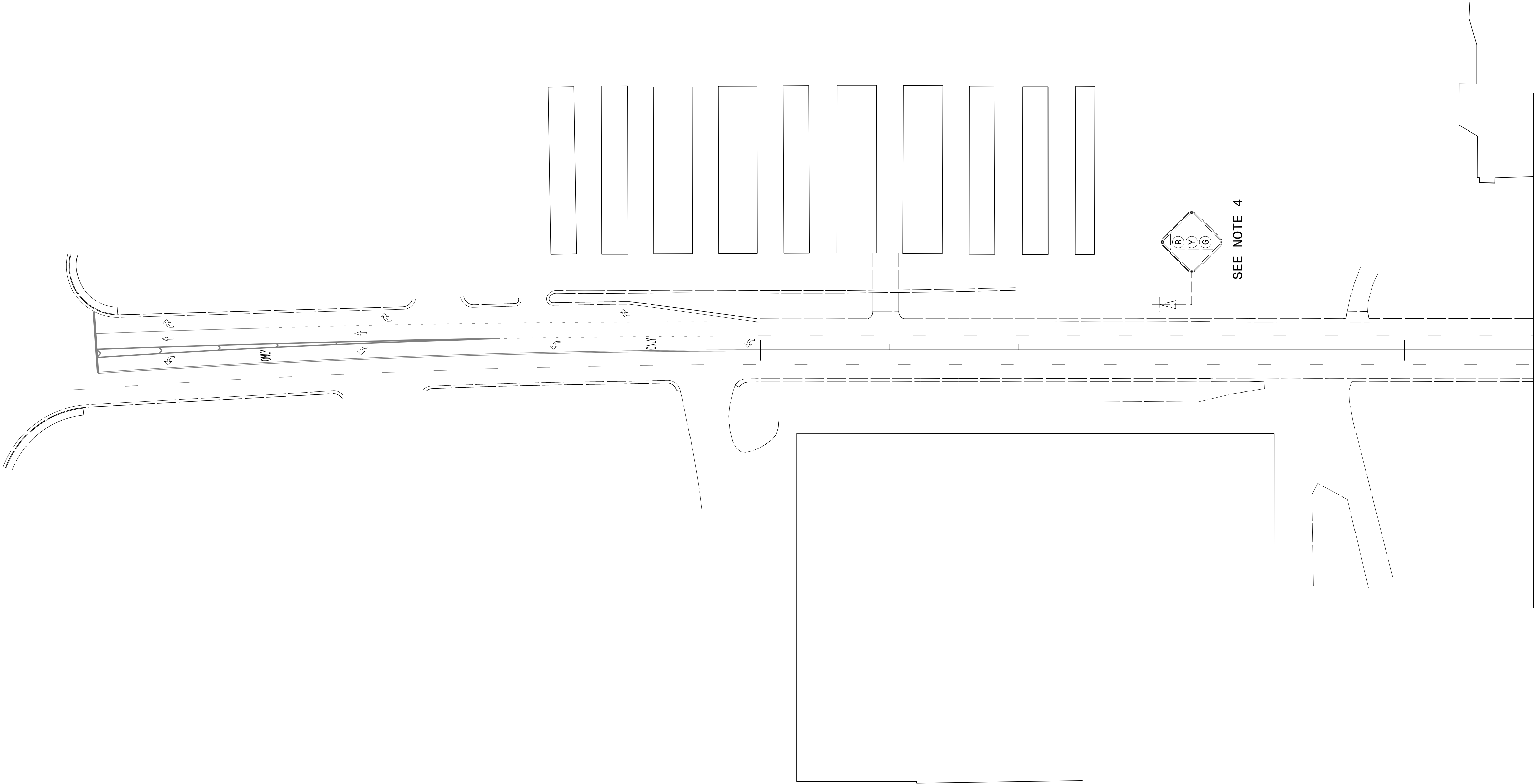
TIP NO.	SHEET NO.
U-5899	SIGN-3
APPROVED: Signed by: David Bissette	
DATE: 28-Mar-2025	
SEAL	
	
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PLANS PREPARED FOR THE NCDOT BY:	
MOTT MACDONALD MOTT MACDONALD MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	

TYPE "E" AND "F" SIGNS

PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SUPPORT, U-CHANNEL
- 3 RELOCATE SIGN, TYPE D
- 4 RETAIN EXISTING SIGN SYSTEM

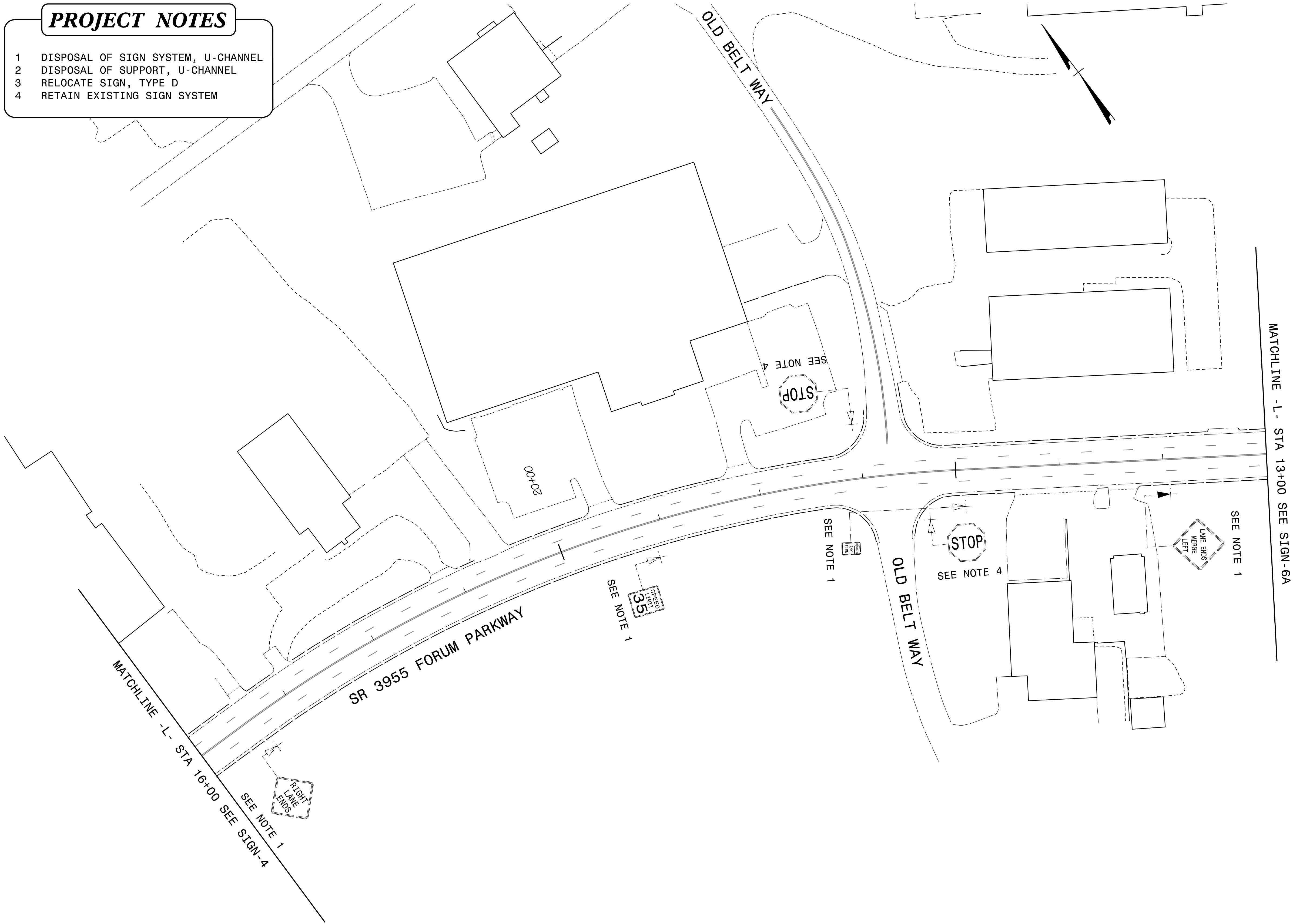
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TIP NO.	SHEET NO.
U-5899	SIGN-4
APPROVED: Signed by: David Bissette —21F5041EA7984D1—	
DATE: 28-Mar-2025	
SEAL	
North Carolina Professional Seal David W. Bissette Engineer 030864	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PLANS PREPARED FOR THE NCDOT BY: MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	

PROJECT NOTES

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- 4 RETAIN EXISTING SIGN SYSTEM



TIP NO. SHEET NO.

U-5899 SIGN-5

APPROVED: *David Bissette*
—21F501EA784D1—
DATE: 28-Mar-2025



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M	MOTT MACDONALD I & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604
M	NC LICENSE NO. F-0669

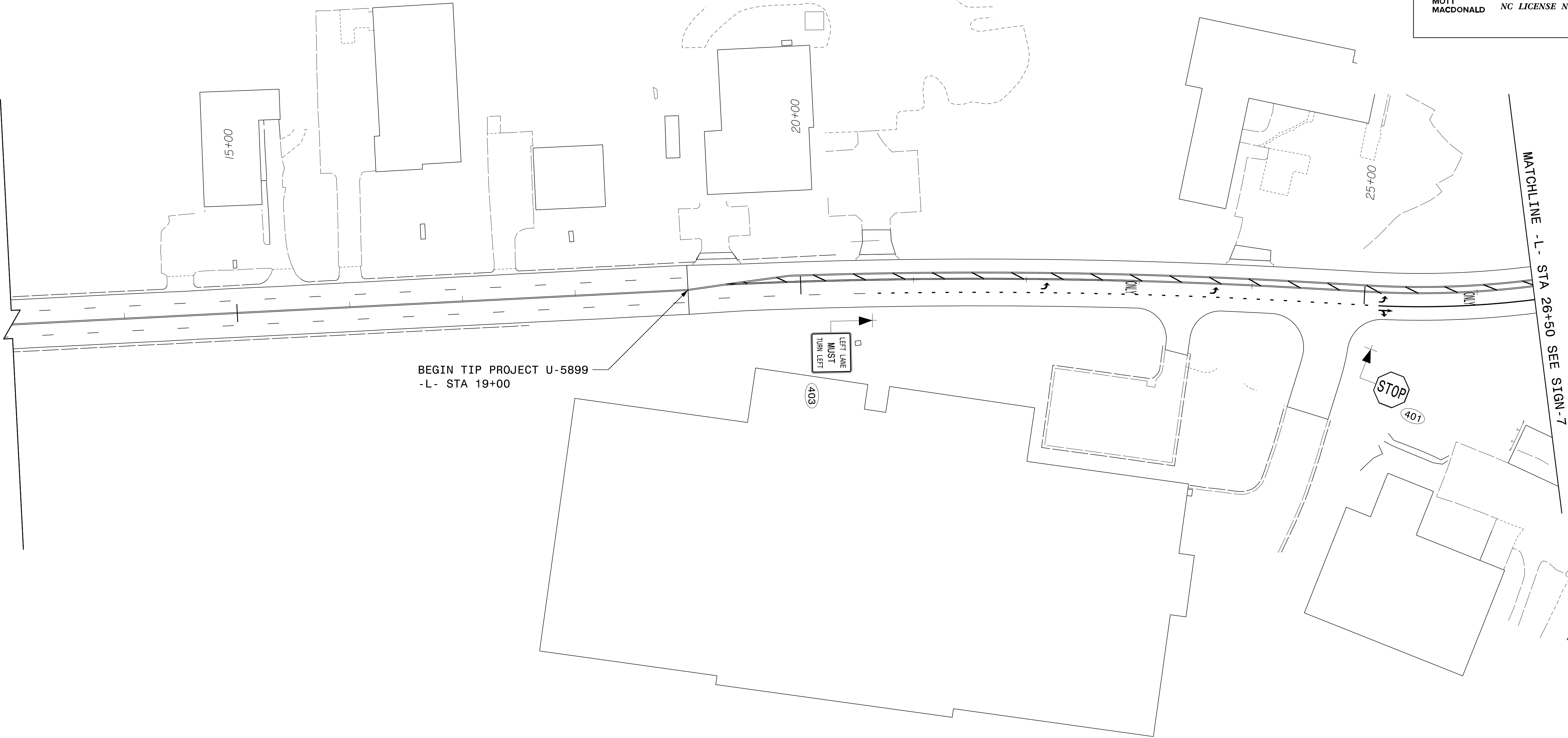
MOTT MACDONALD

EXISTING SIGN DETAIL

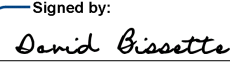
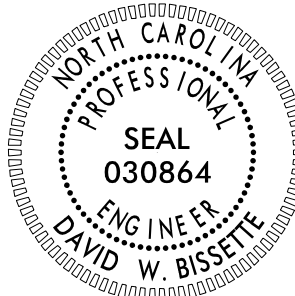
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User:iso-dbissette

PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SUPPORT, U-CHANNEL
- 3 RELOCATE SIGN, TYPE D
- 4 RETAIN EXISTING SIGN SYSTEM

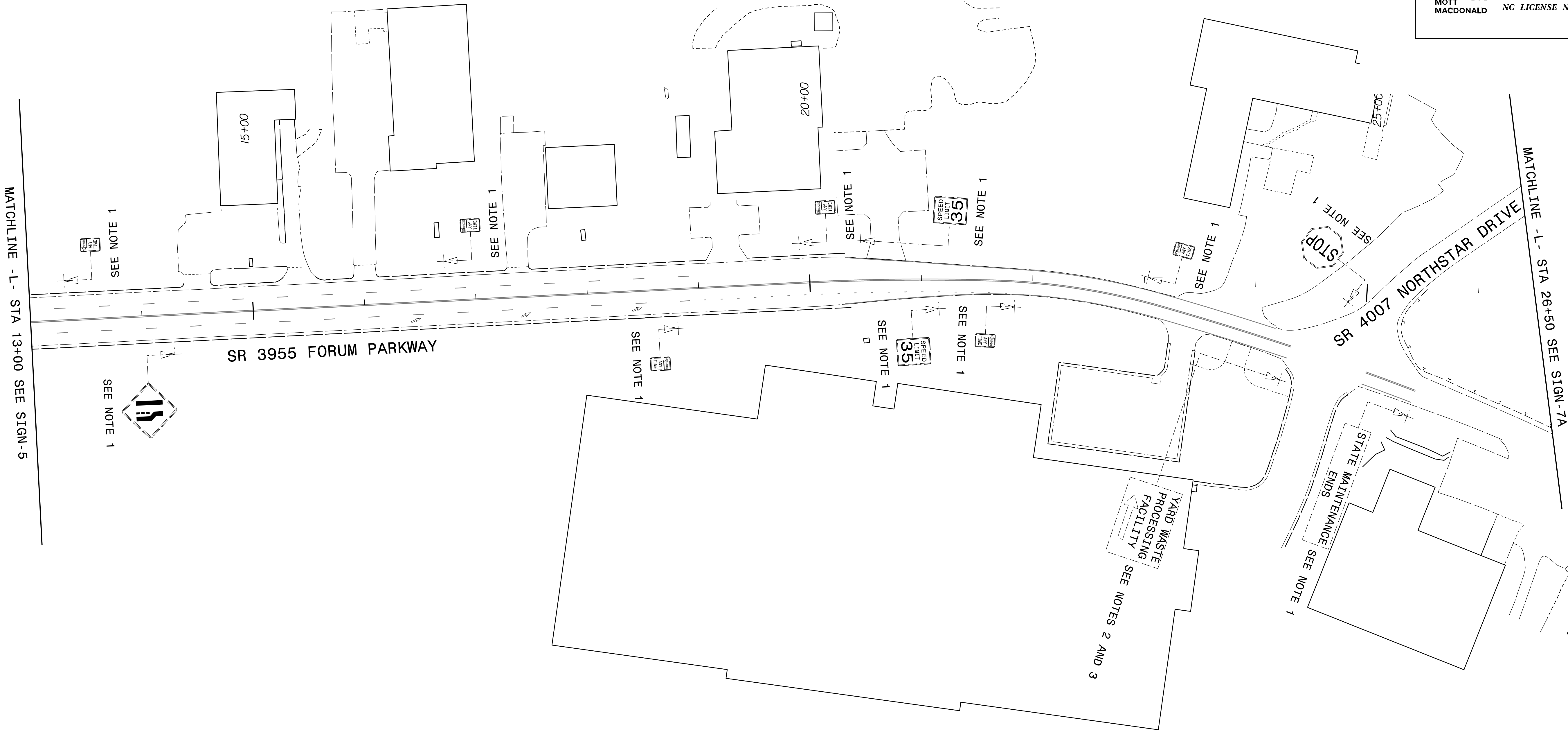


PROPOSED SIGN DETAIL

TIP NO.	SHEET NO.
U-5899	SIGN-6
APPROVED:  Signed by: <u>David W. Bissette</u> -21F5041EA7884D1-	
DATE: 28-Mar-2025	
SEAL	
	
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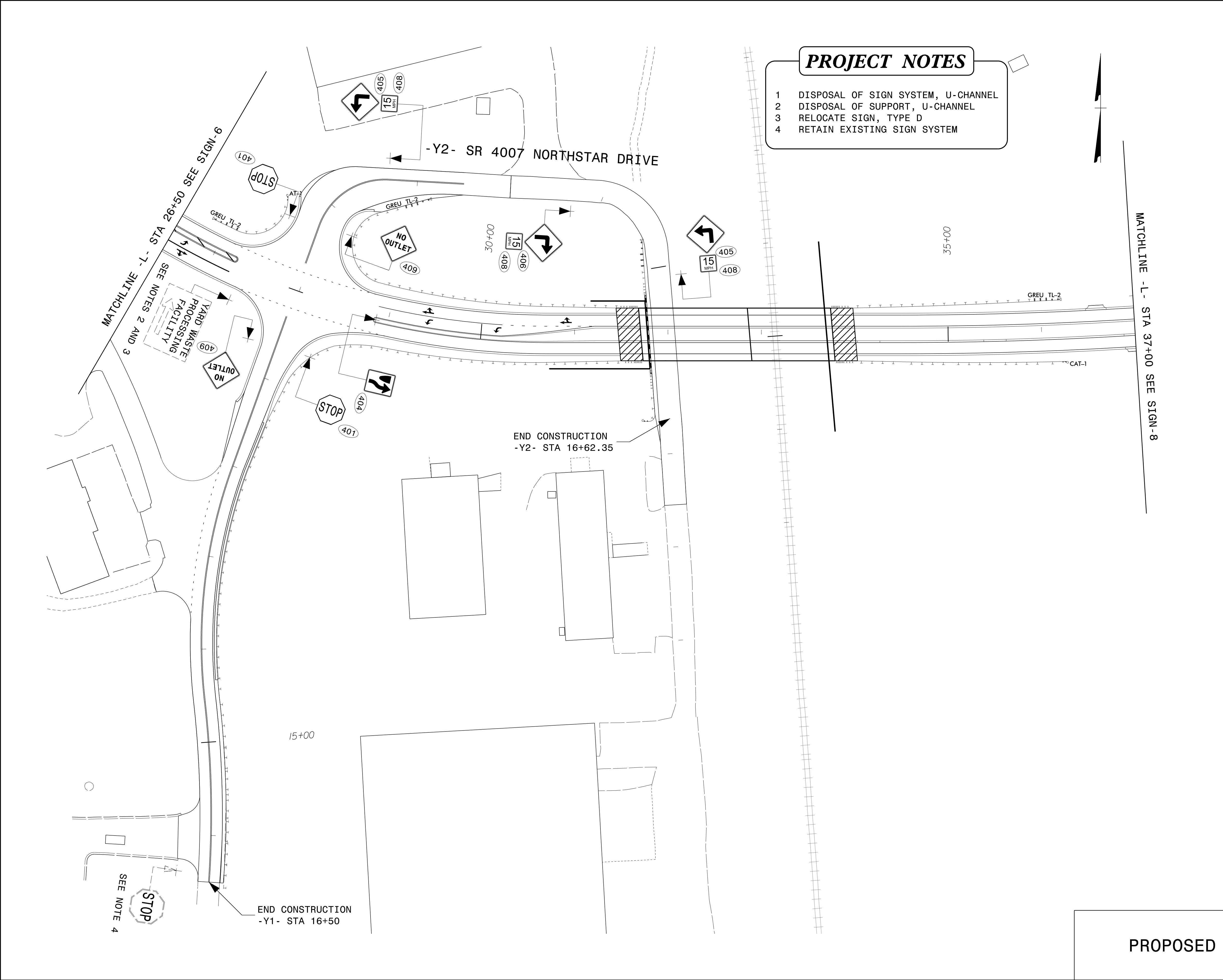
PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SUPPORT, U-CHANNEL
- 3 RELOCATE SIGN, TYPE D
- 4 RETAIN EXISTING SIGN SYSTEM



SIGN DETAIL

TIP NO.	SHEET NO.
U-5899	SIGN-6A
APPROVED: Signed by: David Bisette —R1F5041EA784D1—	
DATE: 28-Mar-2025	
SEAL	
Seal of David W. Bisette, Professional Engineer, License No. 030864, State of North Carolina.	
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PLANS PREPARED FOR THE NCDOT BY: MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 NC LICENSE NO. F-0669	



- PROJECT NOTES**
- 1

DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2

DISPOSAL OF SUPPORT, U-CHANNEL
- 3

RELOCATE SIGN, TYPE D
- 4

RETAIN EXISTING SIGN SYSTEM

TIP NO.	SHEET NO.
U-5899	SIGN-7

APPROVED:

Signed by:

David Bissette

DATE:

28-Mar-2025

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
030864
ENGINEER
DAVID W. BISSETTE

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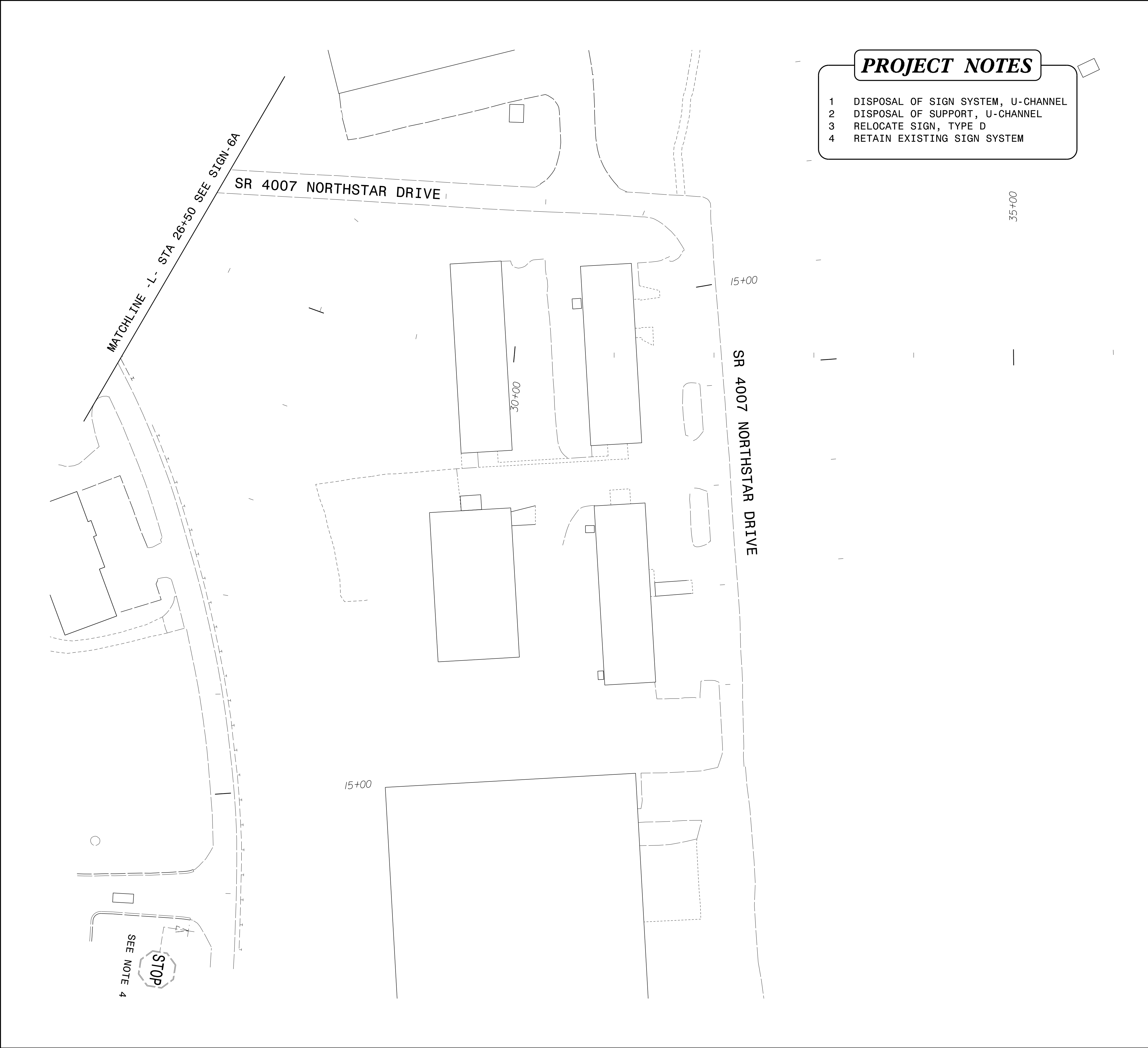
PLANS PREPARED FOR THE NCDOT BY:

M

MOTT
MACDONALD

MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

PROPOSED SIGN DETAIL



TIP NO.
U-5899

SHEET NO.
SIGN-7A

APPROVED:

Signed by: David Bissette
—21F501EA784D1—

DATE: 28-Mar-2025

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PLANS PREPARED FOR THE NCDOT BY:

M

MOTT
MACDONALD

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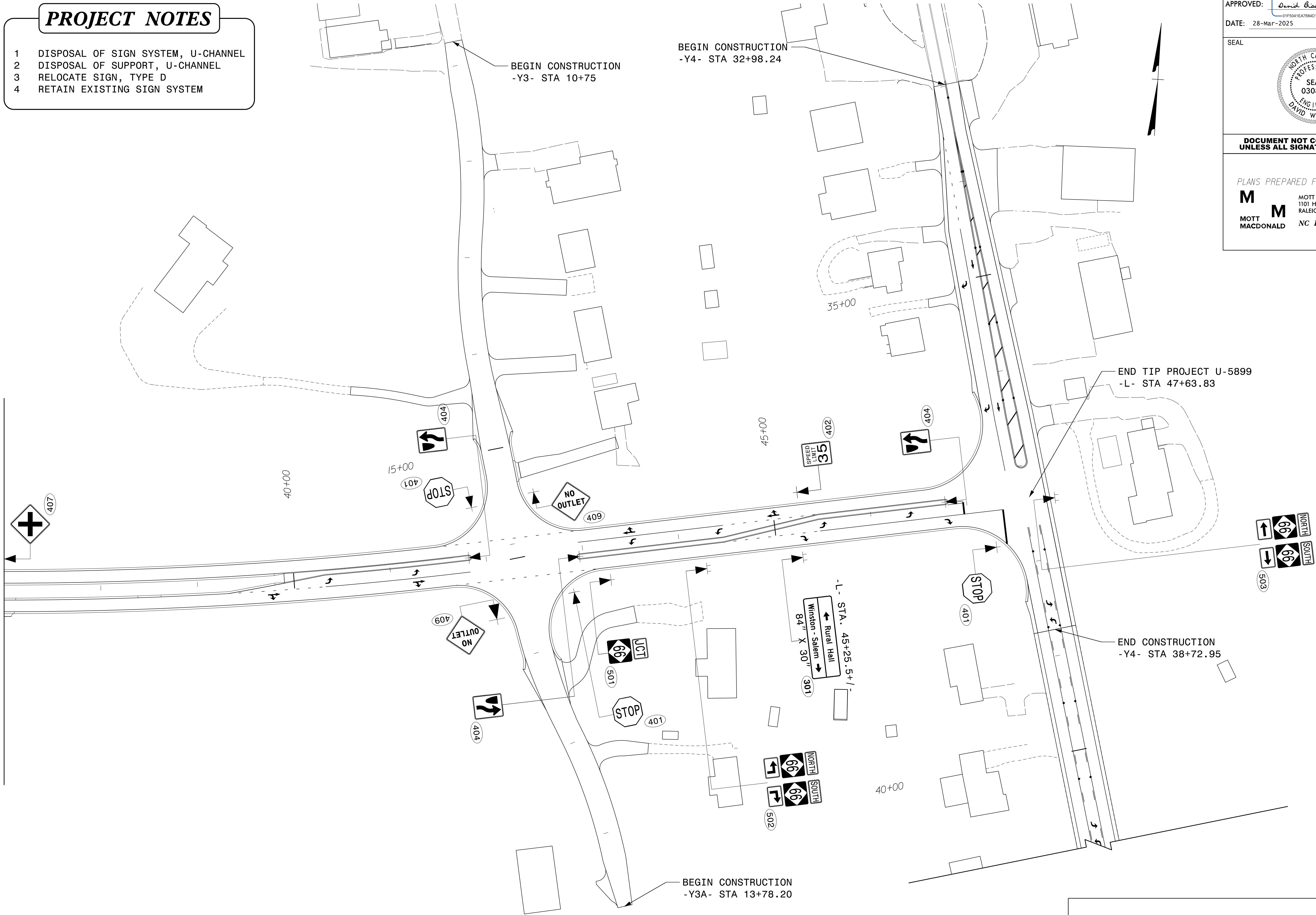
MOTT MACDONALD 1 & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

EXISTING SIGN DETAIL

PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
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- 4 RETAIN EXISTING SIGN SYSTEM

MATCHLINE - L- STA 37+00 SEE SIGN-7



TIP NO.	SHEET NO.
U-5899	SIGN-8
APPROVED: <i>David Bissette</i> Signed by: 01F501EA7884D1	
DATE: 28-Mar-2025	
SEAL 	
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PLANS PREPARED FOR THE NCDOT BY: M MOTT MACDONALD 1 & E, LLC 1101 HAYNES STREET, SUITE 101 RALEIGH, NC 27604 M NC LICENSE NO. F-0669	

PROPOSED SIGN DETAIL

PROJECT NOTES

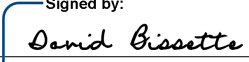
- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SUPPORT, U-CHANNEL
- 3 RELOCATE SIGN, TYPE D
- 4 RETAIN EXISTING SIGN SYSTEM

MATCHLINE -L- STA 37+00 SEE SIGN-7A

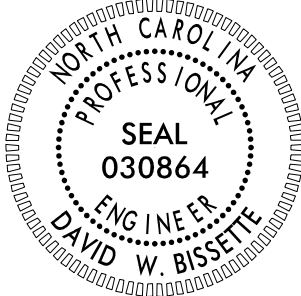


EXISTING SIGN DETAIL

TIP NO.	SHEET NO.
U-5899	SIGN-8A

APPROVED: 
Signed by: 01F5041EA784D1

DATE: 28-Mar-2025

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PLANS PREPARED FOR THE NCDOT BY:

M

MOTT
MACDONALD

M

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