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T.I.P.: U-5827

CONTRACT NO.:

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
WAKE COUNTY**

**LOCATION: LOUIS STEPHENS DRIVE EXTENSION (SR 1632)
FROM O'KELLY CHAPEL ROAD (SR 1628)/LITTLE
DRIVE (SR 2153) IN RESEARCH TRIANGLE PARK
TO POPLAR PIKE LANE IN MORRISVILLE**

<small>TIP NO.</small> U-5827	<small>SHEET NO.</small> SIGN-1
<small>APPROVED:</small> <small>AD868D704648484</small>	
<small>DATE:</small> 5/6/2019	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
903.10	GROUND MOUNTED SIGN SUPPORTS
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 GRADE C REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGNS	185	SF
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	475	L.F.
4102000000	904	SIGN ERECTION, TYPE E	27	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	29	EA.

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2	TYPE E SIGNS
SIGN-3-7	EXISTING/PROPOSED SIGNS

PROJECT NOTES

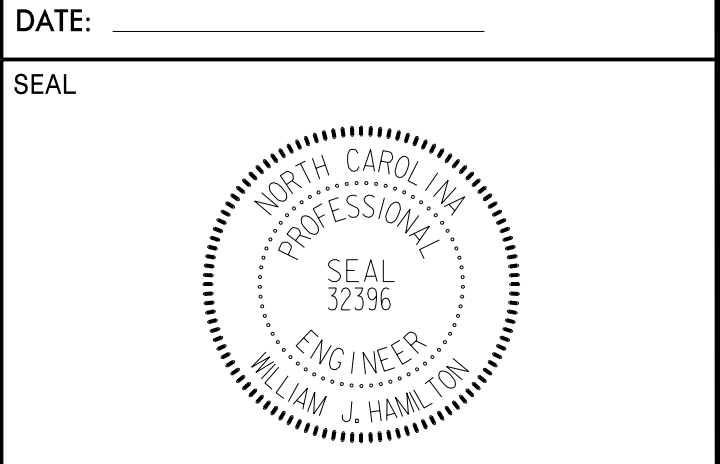
- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 RELOCATE SIGN, TYPE E
- 3 SIGN ERECTION, TYPE D, E, AND F

PLAN PREPARED BY: Ramey Kemp & Associates

W.JASON HAMILTON, P.E., PTOE PROJECT MANAGER
TIMOTHY S. POPELKA, EI PROJECT ENGINEER



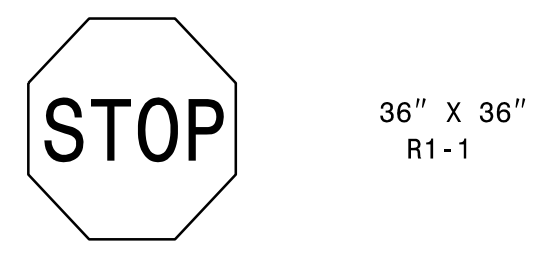
APPROVED: William J. Hamilton
DATE: 5/6/2019



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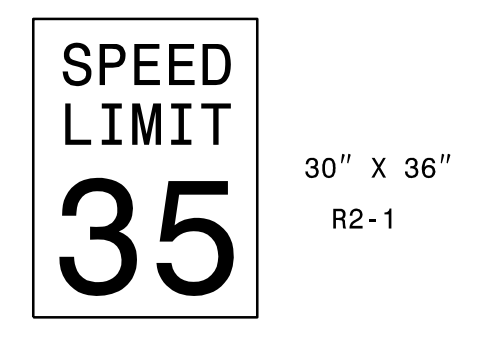
RAMEY KEMP & ASSOCIATES, INC.
Transportation Engineers
5808 Faringdon Place, Suite 100
Raleigh, North Carolina 27609
919-872-5115 Tel. 919-878-5416 Fax.
www.rameykemp.com
NC License No. C-0910

401 QUANTITY REQ'D . 5



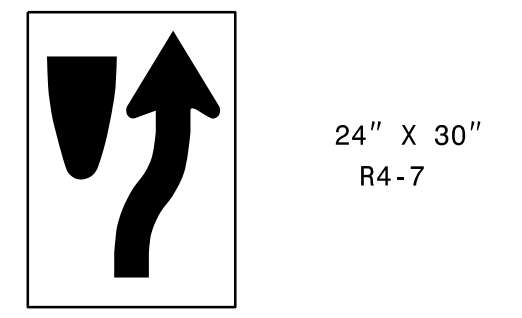
ONE "U" POST PER SIGN

406 QUANTITY REQ'D . 4



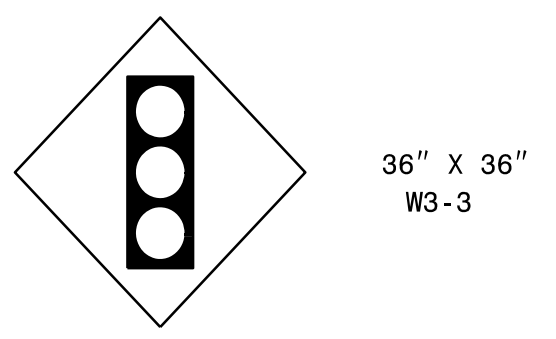
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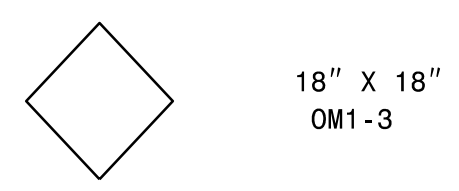
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407 QUANTITY REQ'D . 3



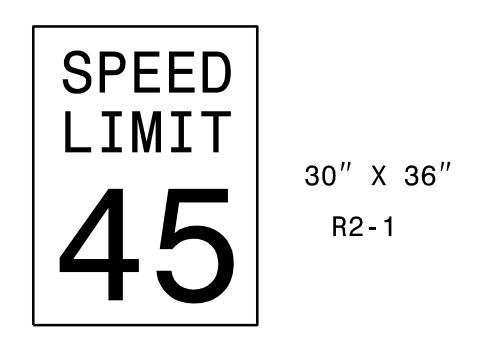
ONE "U" POST PER SIGN

403 QUANTITY REQ'D . 3



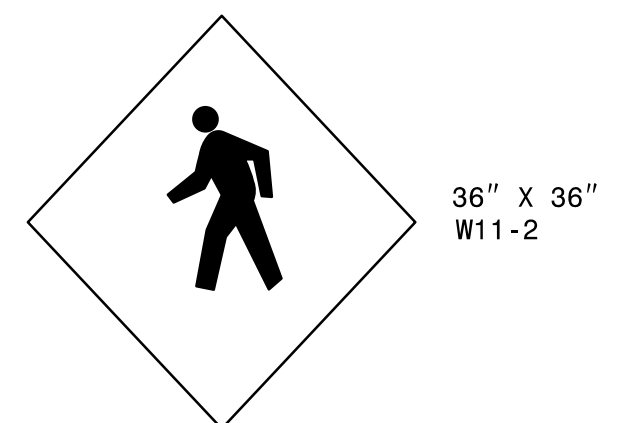
MOUNT BELOW SIGN 402
IN 3 INSTALLATIONS

408 QUANTITY REQ'D . 2



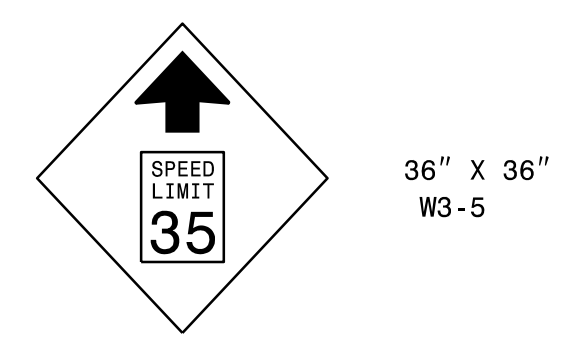
ONE "U" POST PER SIGN

404 QUANTITY REQ'D . 3



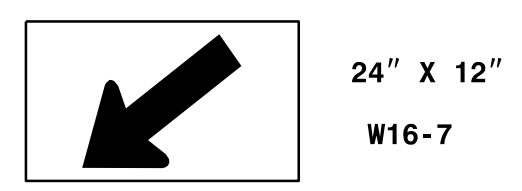
ONE "U" POST PER SIGN;

409 QUANTITY REQ'D . 1



ONE "U" POST PER SIGN



405 QUANTITY REQ'D . 3

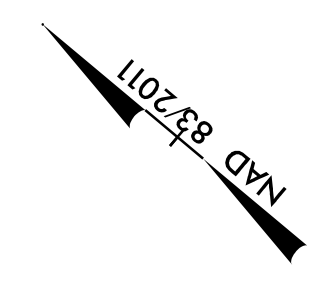


MOUNT BELOW SIGN 404
IN 3 INSTALLATIONS

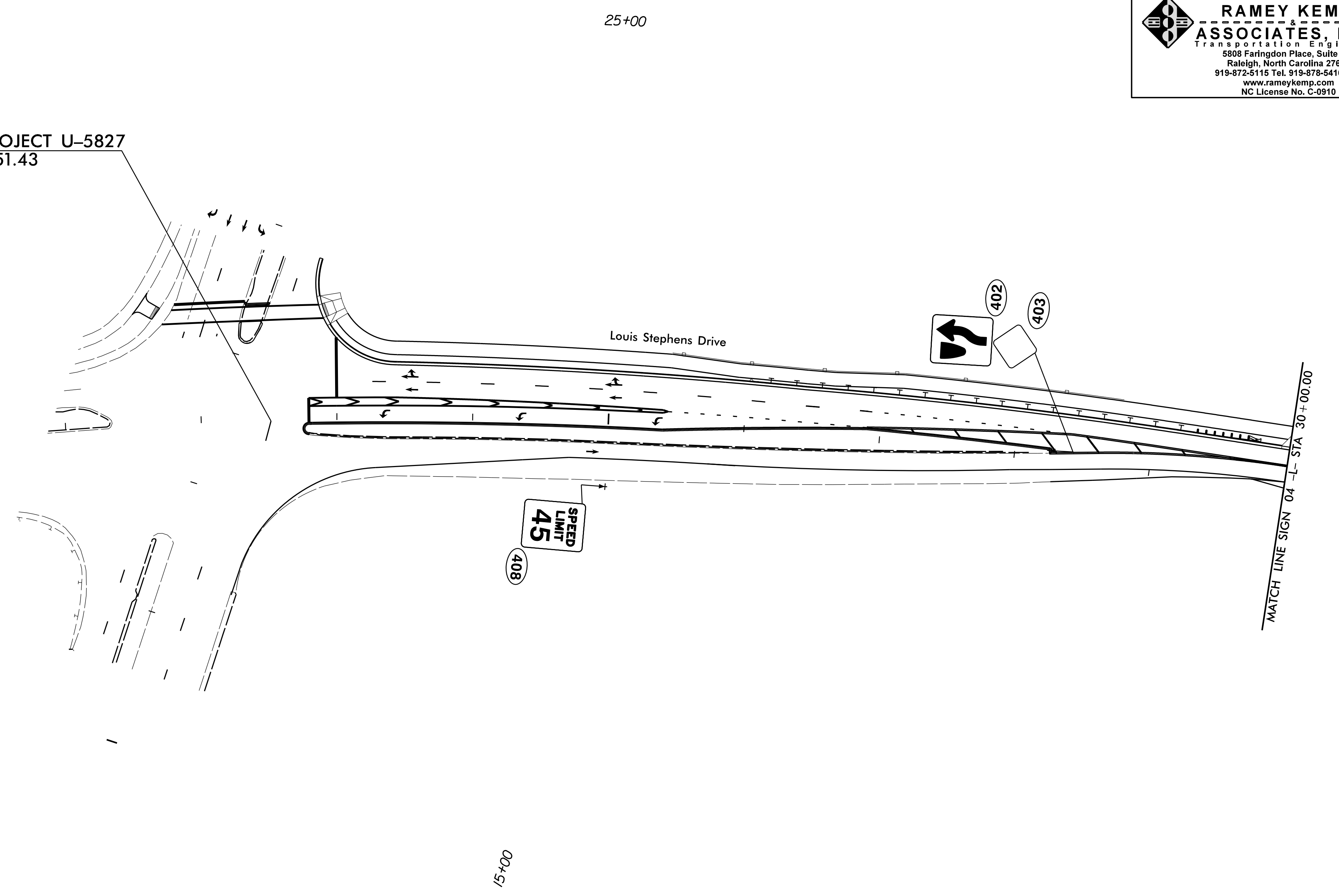
TYPE E SIGNS

5/6/2019 2:50:00 PM U5827_Sign_Sign02.dgn
User: jhamilton



TIP NO.	SHEET NO.
U-5827	SIGN-3
<small>DocuSigned by:</small> William J. Hamilton <small>A0680704648484</small>	
APPROVED: _____ DATE: 5/6/2019	
SEAL 	
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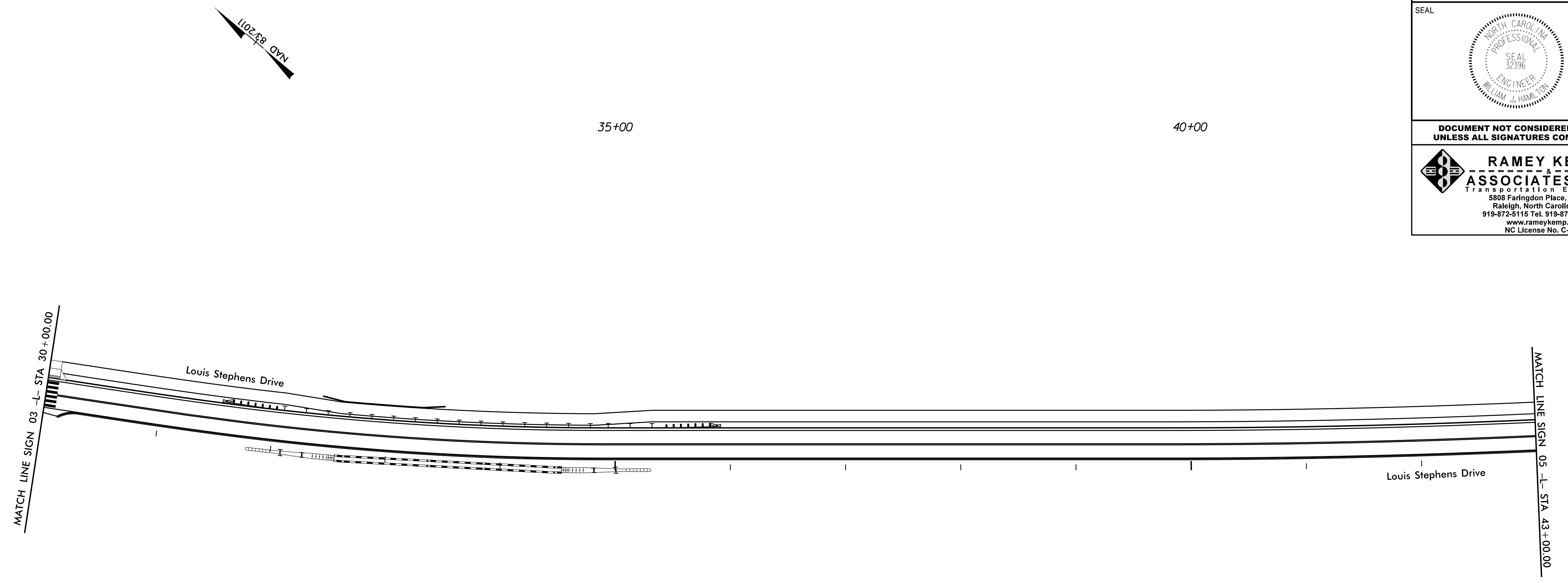


BEGIN TIP PROJECT U-5827
-L- STA. 22 + 51.43





EXISTING/PROPOSED SIGNS

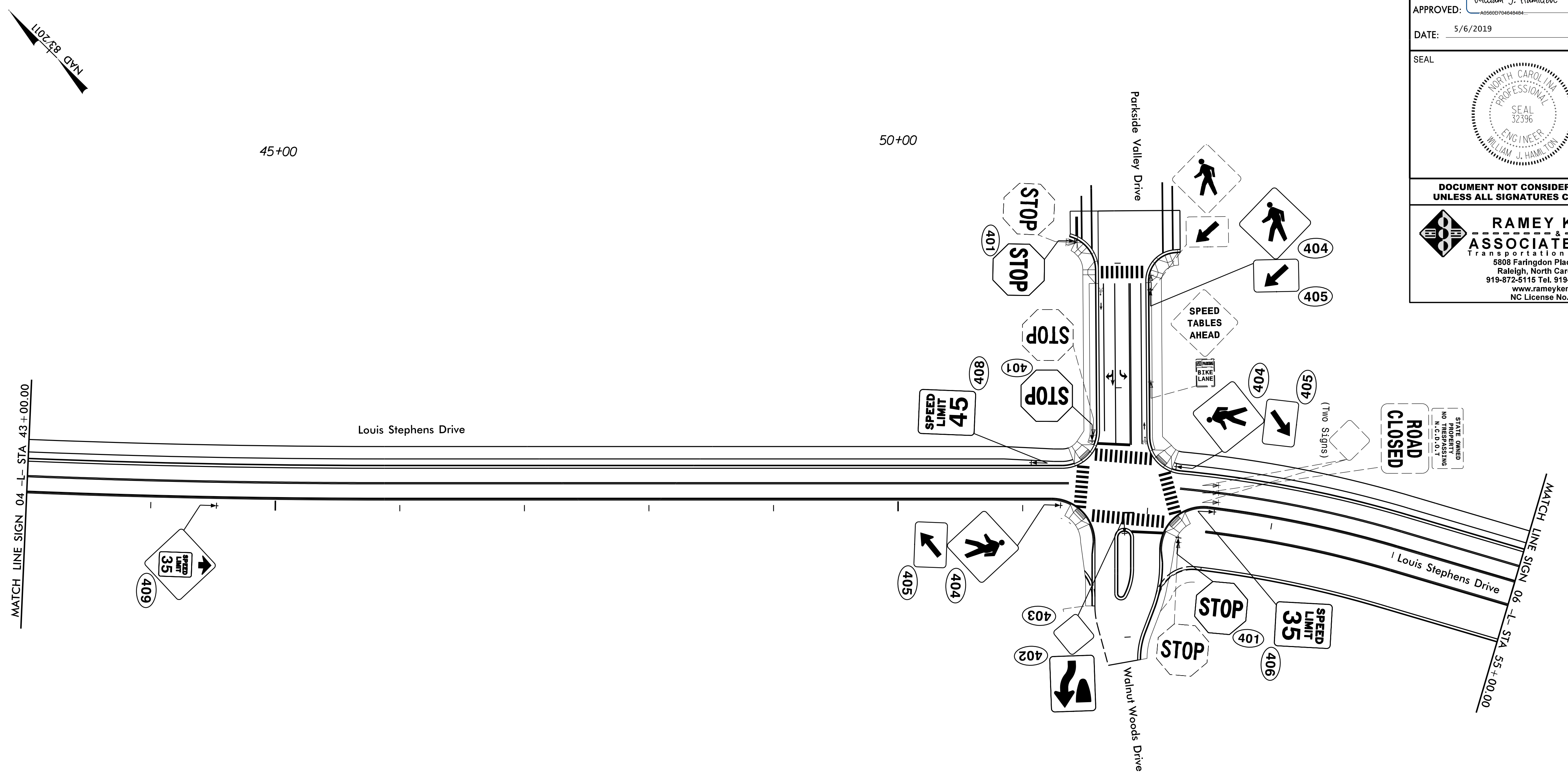
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U-5827	SIGN-4
APPROVED: <i>William J. Hamilton</i> <small>AD5600704648484</small>	
DATE: 5/6/2019	
SEAL 	
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5/6/2019
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 User: jhamilton

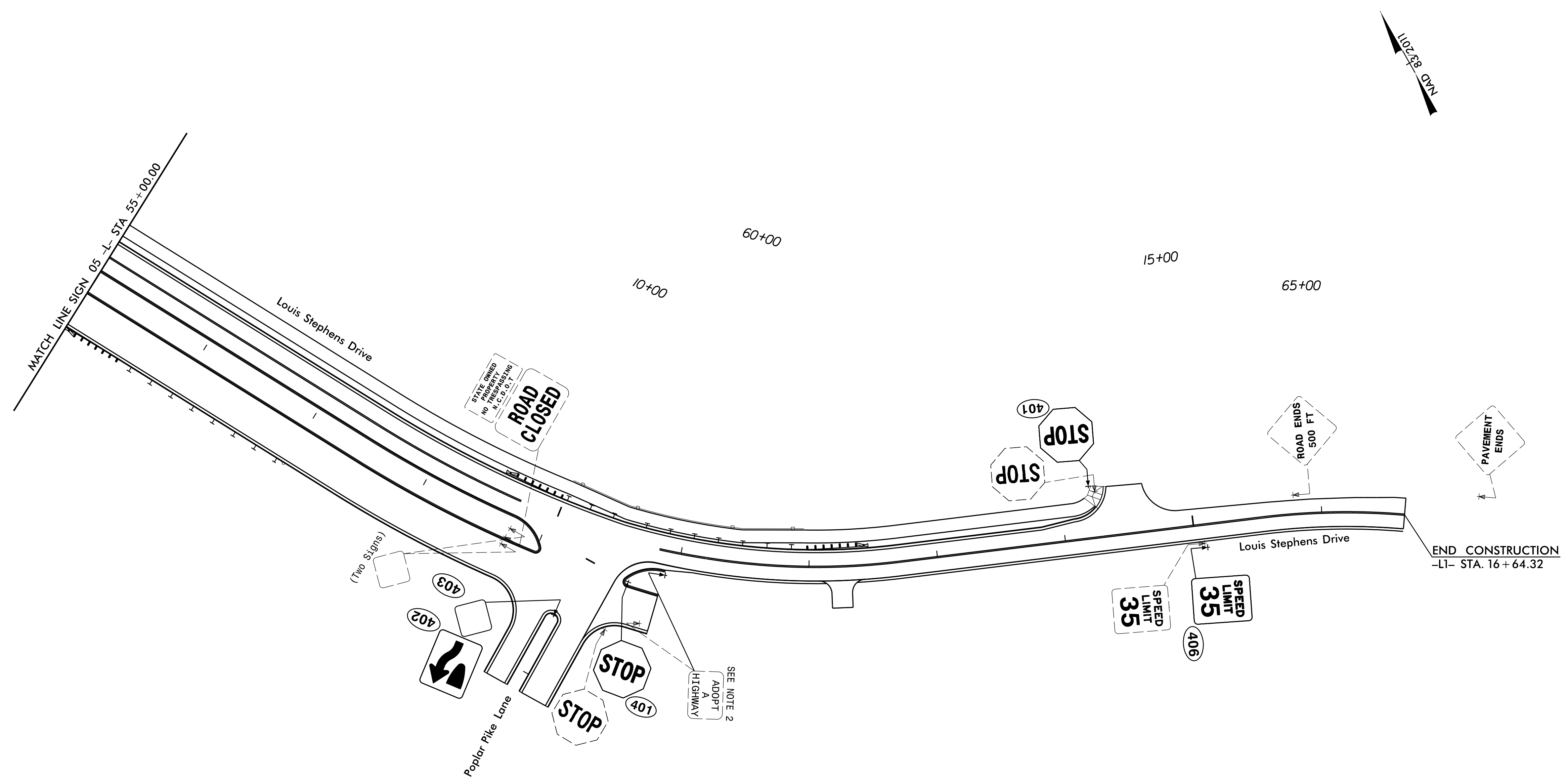
EXISTING/PROPOSED SIGNS

TIP NO.	SHEET NO.
U-5827	SIGN-5
APPROVED: <u>William J. Hamilton</u> AS5600704649484	
DATE: 5/6/2019	
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5/6/2019
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 User: jhamilton



TIP NO.	SHEET NO.
U-5827	SIGN-6
APPROVED: <i>William J. Hamilton</i>	
DATE: 5/6/2019	
SEAL	
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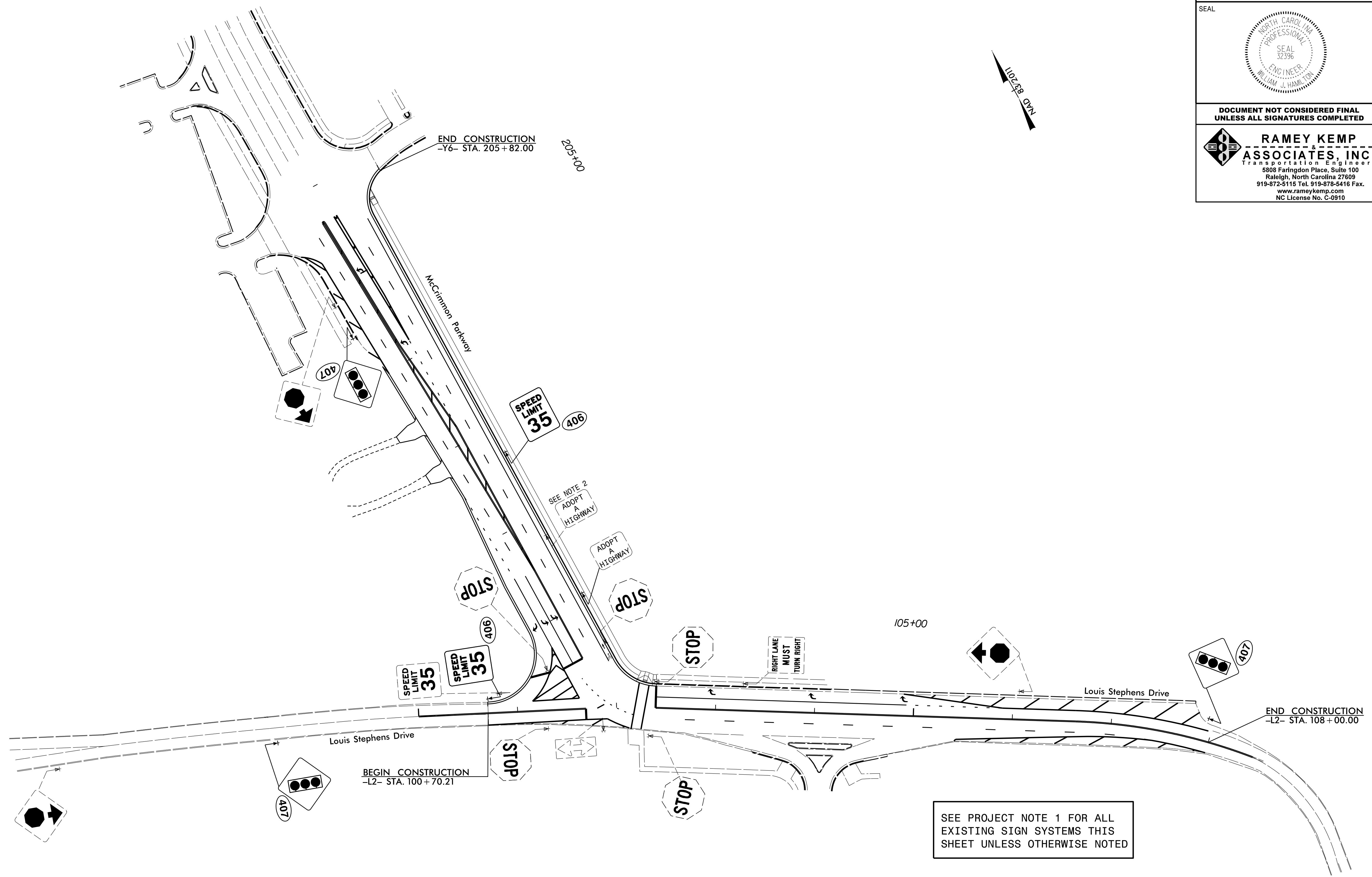


SEE NOTE 2
ADOPT
A
HIGHWAY

SEE PROJECT NOTE 1 FOR ALL
EXISTING SIGN SYSTEMS THIS
SHEET UNLESS OTHERWISE NOTED

EXISTING/PROPOSED SIGNS

TIP NO.	SHEET NO.
U-5827	SIGN-7
Designed by: <i>William J. Hamilton</i> APPROVED: <i>William J. Hamilton</i> <small>A00600704648484</small>	
DATE: 5/6/2019	
SEAL	
	
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EXISTING/PROPOSED SIGNS

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