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CONTRACT:

T.I.P.: U-4700CB

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
CALDWELL COUNTY

LOCATION: US 321 (HICKORY BLVD.) AT SR 1809/1952
(PINE MOUNTAIN ROAD)

TIP NO. U-4700CB	SHEET NO. PMP - 1
APPROVED: Reece M. Schuler 10834024C7824FC	
DATE: 6/2/2026 2:48:17 PM PDT	
SEAL PROFESSIONAL SEAL ENGINEER REECE M. SCHULER 26960	
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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:

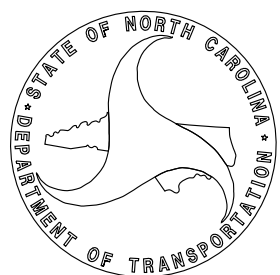
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPs
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.15	PAVEMENT MARKINGS - REDUCED CONFLICT INTERSECTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A-1C	PAVEMENT MARKING SCHEDULE, LEGEND AND SPECIAL DETAIL SHEETS
PMP-3-5	PAVEMENT MARKING DETAILS

NCDOT CONTACTS:

JOSE G. MARTINEZ, PE	DIVISION 11 - DESIGN ENGINEER III
KEVIN L. JORDAN	DIVISION 11 - SIGNING AND DELINATION REGIONAL ENGINEER



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) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
-L- US 321	THERMO	SNOWPLOWABLE REFLECTIVE
-Y38SW- SR 1809	THERMO	SNOWPLOWABLE REFLECTIVE
-Y38NE- SR 1809	THERMO	SNOWPLOWABLE REFLECTIVE

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

PLAN PREPARED BY: JMT

REECE M. SCHULER, PE SENIOR ENGINEER
DANE FREDDE DESIGN ENGINEER



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4700 Falls of Neuse Rd, Suite 100,
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License No: C-3097

TIP NO.
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SHEET NO.
PMP - 1A

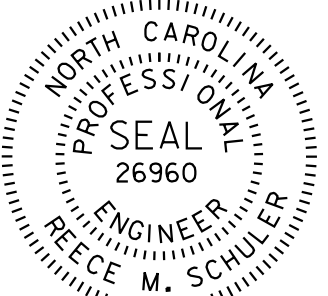
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Rebecca Schuler
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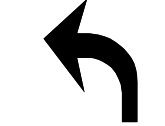
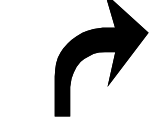
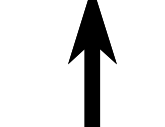
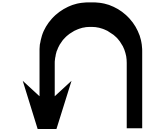
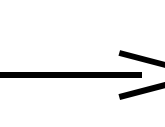
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FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
THERMOPLASTIC (4", 90 MIL)		
T5		2 FT. - 6 FT./SP WHITE MINISKIP
T14		2 FT. - 6 FT./SP YELLOW MINISKIP
T1		WHITE EDGE LINE
T10		YELLOW EDGE LINE
T3		10 FT. WHITE SKIP
T4		3 FT. - 9 FT./SP WHITE MINISKIP
T2		WHITE SOLID LANE LINE
T13		YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MIL)		
T40		WHITE GORE LINE
T41		WHITE DIAGONAL
THERMOPLASTIC (24", 90 MIL)		
T61		WHITE STOP BAR
T62		WHITE CROSSWALK LINE
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MIL)		
T70		LEFT TURN ARROW
T71		RIGHT TURN ARROW
T72		STRAIGHT ARROW
T77		U TURN ARROW
T79		MERGE ARROW
T80		WRONG-WAY RAMP ARROW
T103		24" YIELD LINE TRIANGLE
SNOWPLOWABLE PAVEMENT MARKERS (NOT SHOWN)		
ME		YELLOW & YELLOW
MF		CRYSTAL & RED

PAVEMENT MARKING SYMBOLS

	T70
	T71
	T72
	T77
	T79
	T80
	T103

RAMP TYPES AND LOCATIONS

ID	TYPE	LOCATION
1	2A MODIFIED	-L- STA. 606+56 +/- RT
2	1A	-L- STA. 606+61 +/- LT
3	7	-L- STA. 607+12 +/- LT
4	7	-L- STA. 607+16 +/- RT
5	7	-L- STA. 607+24 +/- RT
6	2B	-L- STA. 607+64 +/- LT
7	2A MODIFIED	-L- STA. 607+70 +/- RT
8	1 MODIFIED	-Y38SW- STA. 12+09 +/- RT
9	1 MODIFIED	-Y38SW- STA. 12+60 +/- RT
10	1 MODIFIED	-Y38SW- STA. 15+40 +/- RT
11	1 MODIFIED	-Y38SW- STA. 15+96 +/- RT
12	1	-Y38NE- STA. 22+95 +/- LT
13	1	-Y38NE- STA. 23+55 +/- RT
14	1	-Y38NE- STA. 23+57 +/- LT

LEGEND

GENERAL

-  NORTH ARROW
-  EXIST. PVMT.
-  PROPOSED PVMT.

PAVEMENT MARKINGS

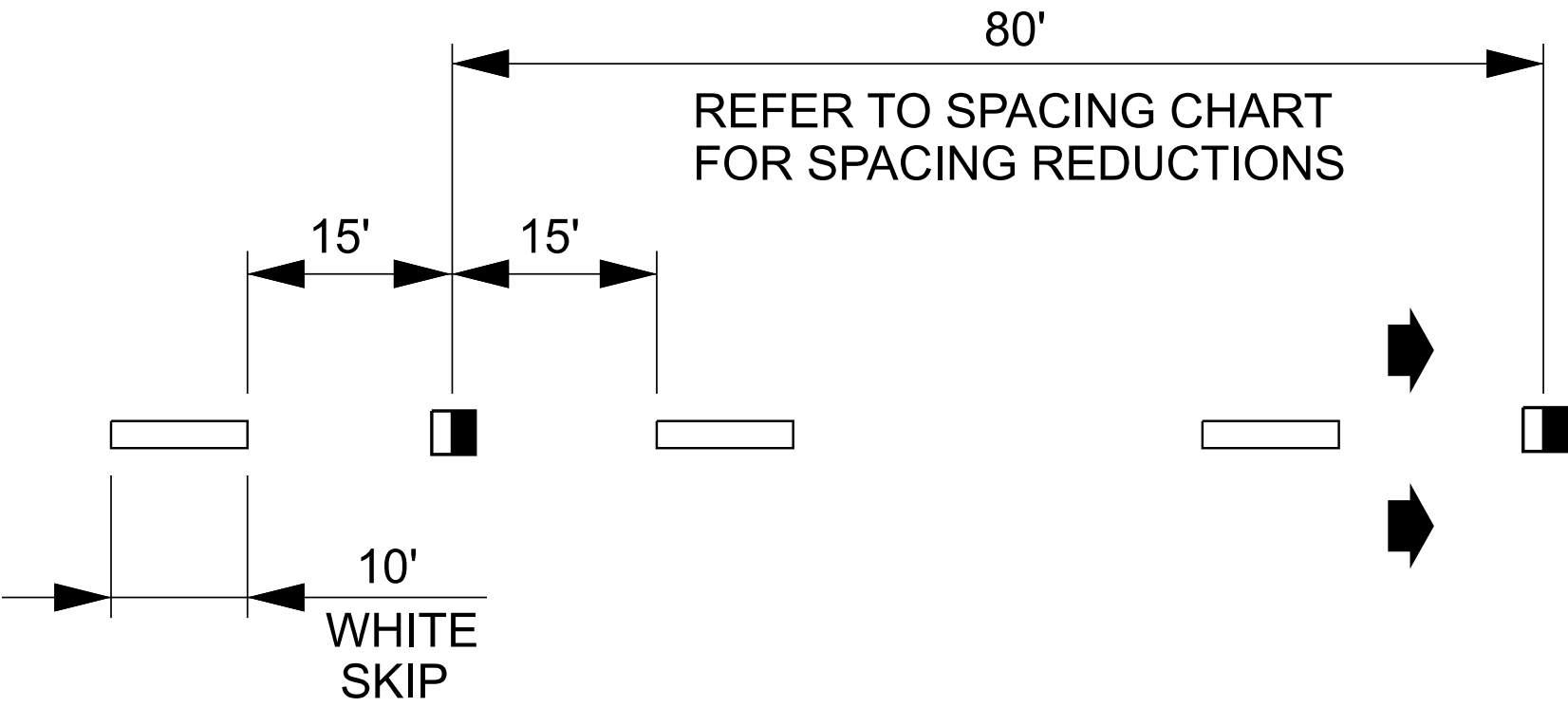
-  EXISTING LINES
-  PROPOSED LINES

PAVEMENT MARKING SYMBOLS

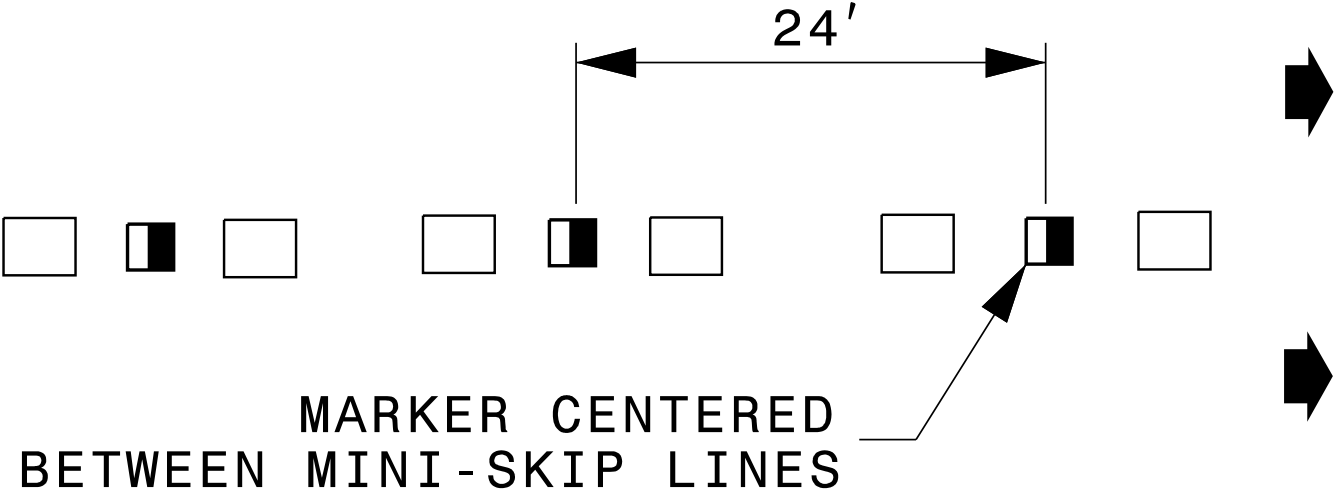
-  PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING DETAIL

10'-30'/SP SKIP LINE



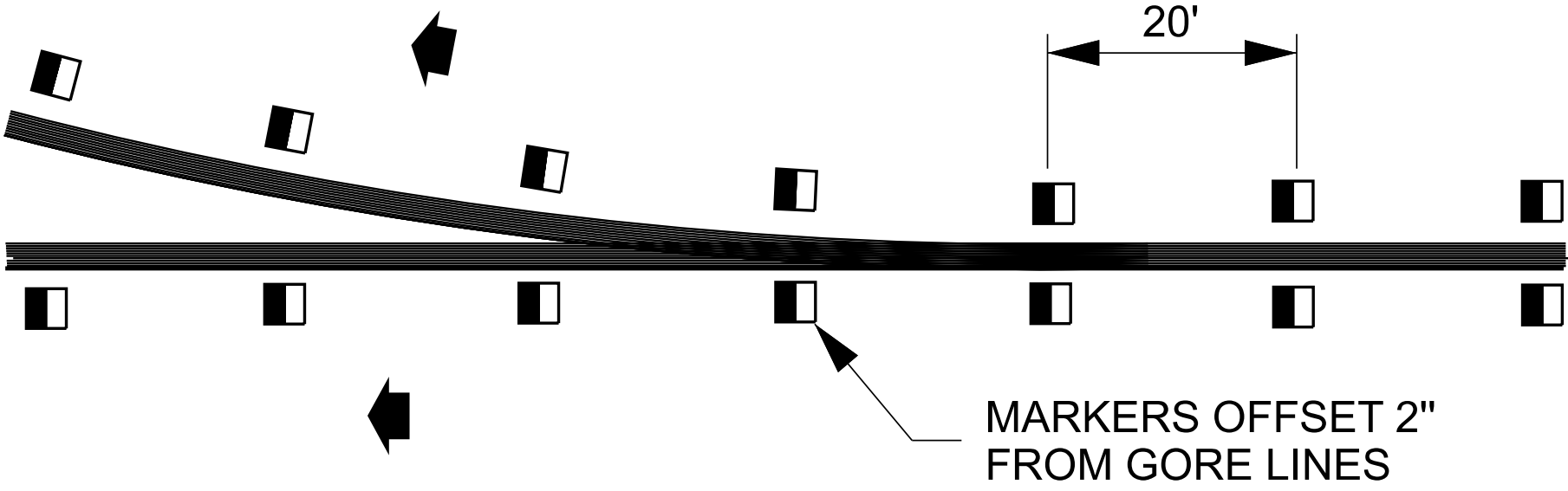
3'-9'/SP MINI-SKIP LINE



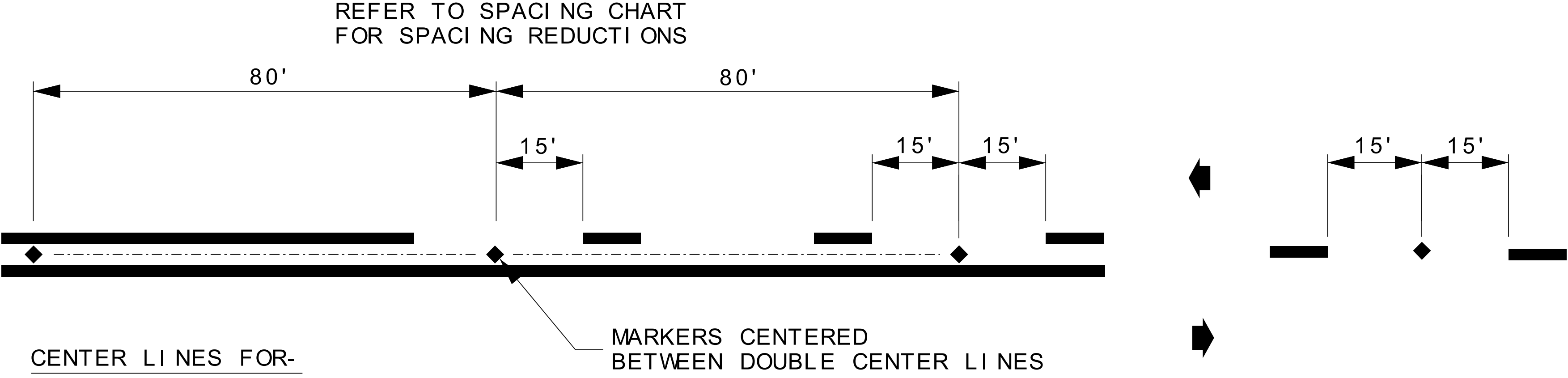
LEGEND

- CRYSTAL/RED PAVEMENT MARKER
- YELLOW YELLOW PAVEMENT MARKER
- DIRECTION OF TRAFFIC FLOW

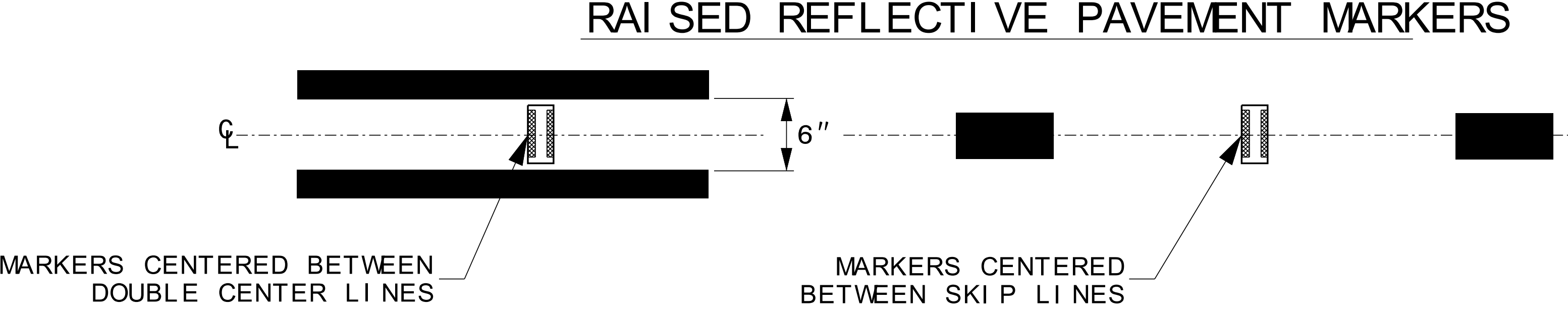
GORE LINES



YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT



U-4700CB

PMP1B

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

Matthew V. Springer

APPROVED:BC00FEBB884403

DATE:6/4/2026 | 10:07:59 AM EDT

SEAL:

NORTH CAROLINA
PROFESSIONAL
ENGINEER
MATTHEW V. SPRINGER
SEAL
042546

INCOMPLETE PLANS
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

1250D01
SHEET 2 OF 3

ROADWAY DETAIL DRAWING FOR
RASISED PAVEMENT MARKINGS
INSTALLATION SPACING

CONTINUOUS LINES		10'-30'/SP SKIP LINE	2'-6'/SP MINI-SKIP LINE	STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
EDGE LINE YELLOW OR WHITE 4" / 6" LANE LINE WHITE 4" / 6" CENTER LINE YELLOW 4" / 6" GORE LINE WHITE 8" / 12" DIAGONAL LINE YELLOW OR WHITE 12" 45 MPH OR HIGHER 8" LESS THAN 45 MPH 4"-6" FOR BICYCLE FACILITIES CROSSWALK LINE WHITE 8" TRANSVERSE 24" LONGITUDINAL RxR LINE WHITE 16" STOP OR TRANSVERSE BAR WHITE 24"		UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES. 10' 30' 4" / 6" YELLOW OR WHITE	UNLESS OTHERWISE SHOWN, USE 2'-6'/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND BICYCLE LANE EXTENSIONS. 2' 6' 4" / 6" YELLOW OR WHITE	
		3'-3'/SP MINI-SKIP LINE	3'-9'/SP MINI-SKIP LINE	ROADWAY DETAIL DRAWING FOR PAVEMENT MARKINGS LINE TYPES AND OFFSETS
		UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS. 3' 3' 8" / 12" WHITE	UNLESS OTHERWISE SHOWN, USE 3'-9'/SP MINI-SKIPS FOR MINI-SKIP LANE LINES, LINE EXTENSIONS THROUGH TAPERS, AND MINI-SKIPS USED FOR BICYCLE LANE LINES. 3' 9' 4" / 6" WHITE	
		GENERAL NOTES: 1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER. 2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE. 3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.		
				SHEET 1 OF 2
				1205D01

6/4/2026 | 10:07:59 AM PDT



Signed by:
Matthew V. Springer, P.E.
BC6CFEE8B584403...

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT

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

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ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24

MODIFIED BY: DATE:

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PMP-3

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Reece Schuler

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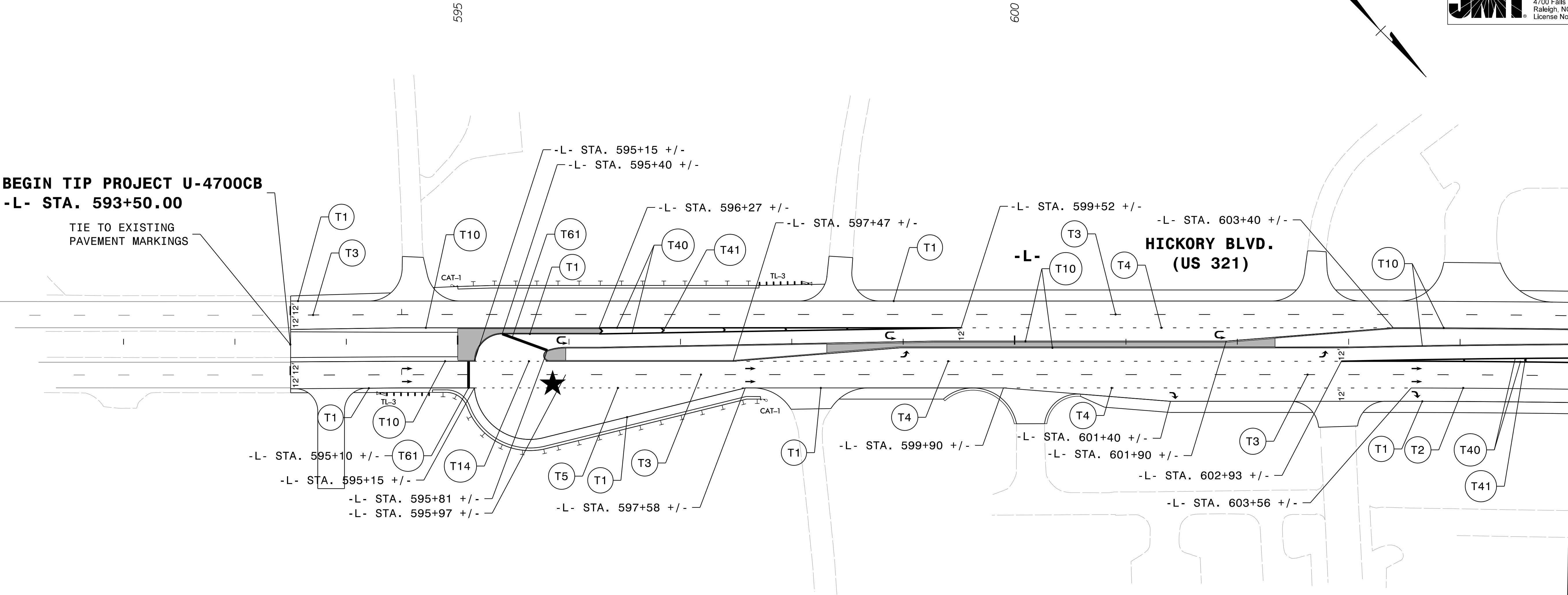
SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
26960
ENGINEER
REECE M. SCHULER

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JMPT

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★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

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TIP NO.
U-4700CB

SHEET NO.
PMP-4

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Reece Schuler

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NORTH CAROLINA

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SEAL

26960

ENGINEER

REECE M. SCHULER

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JMT

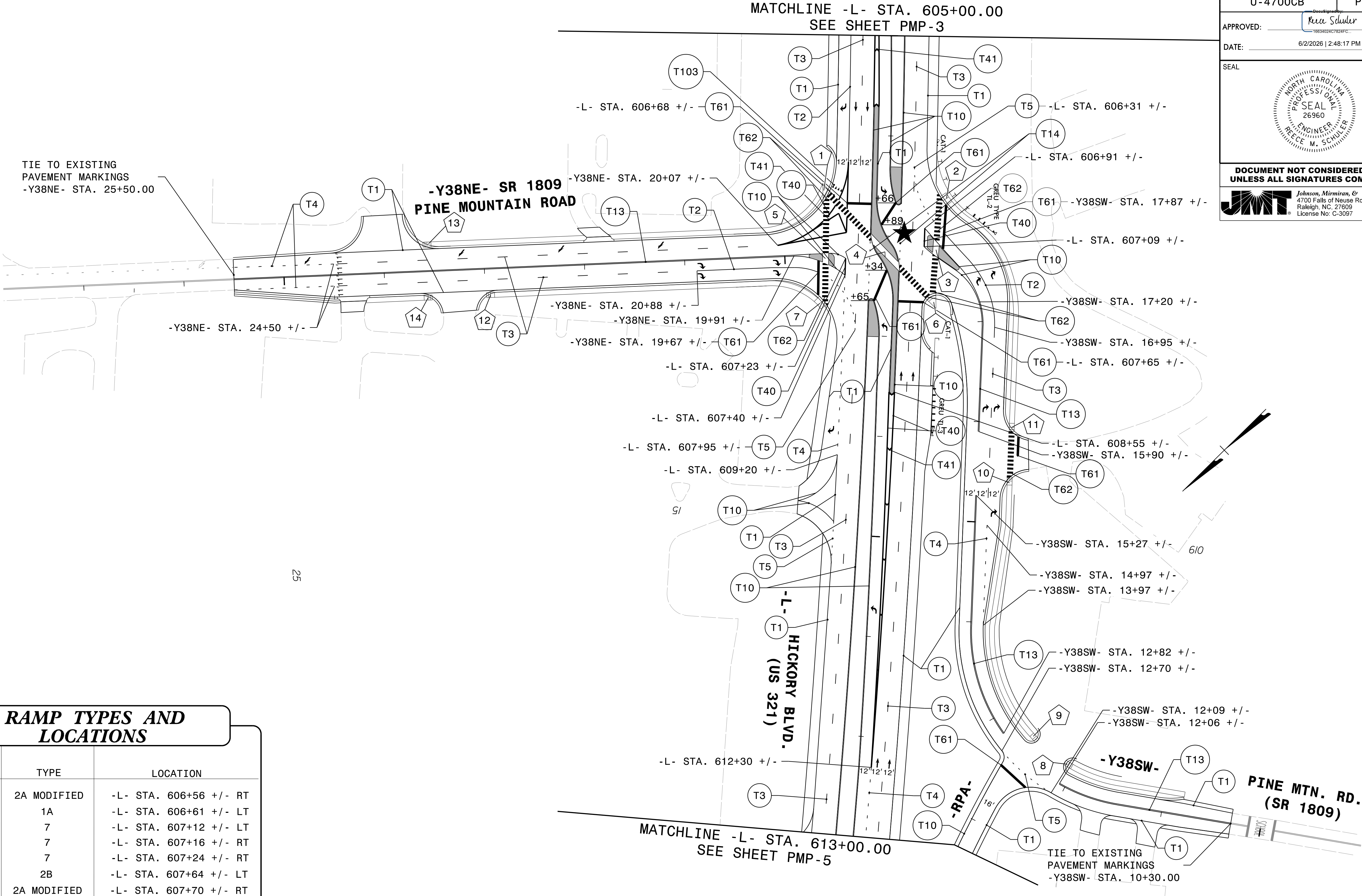
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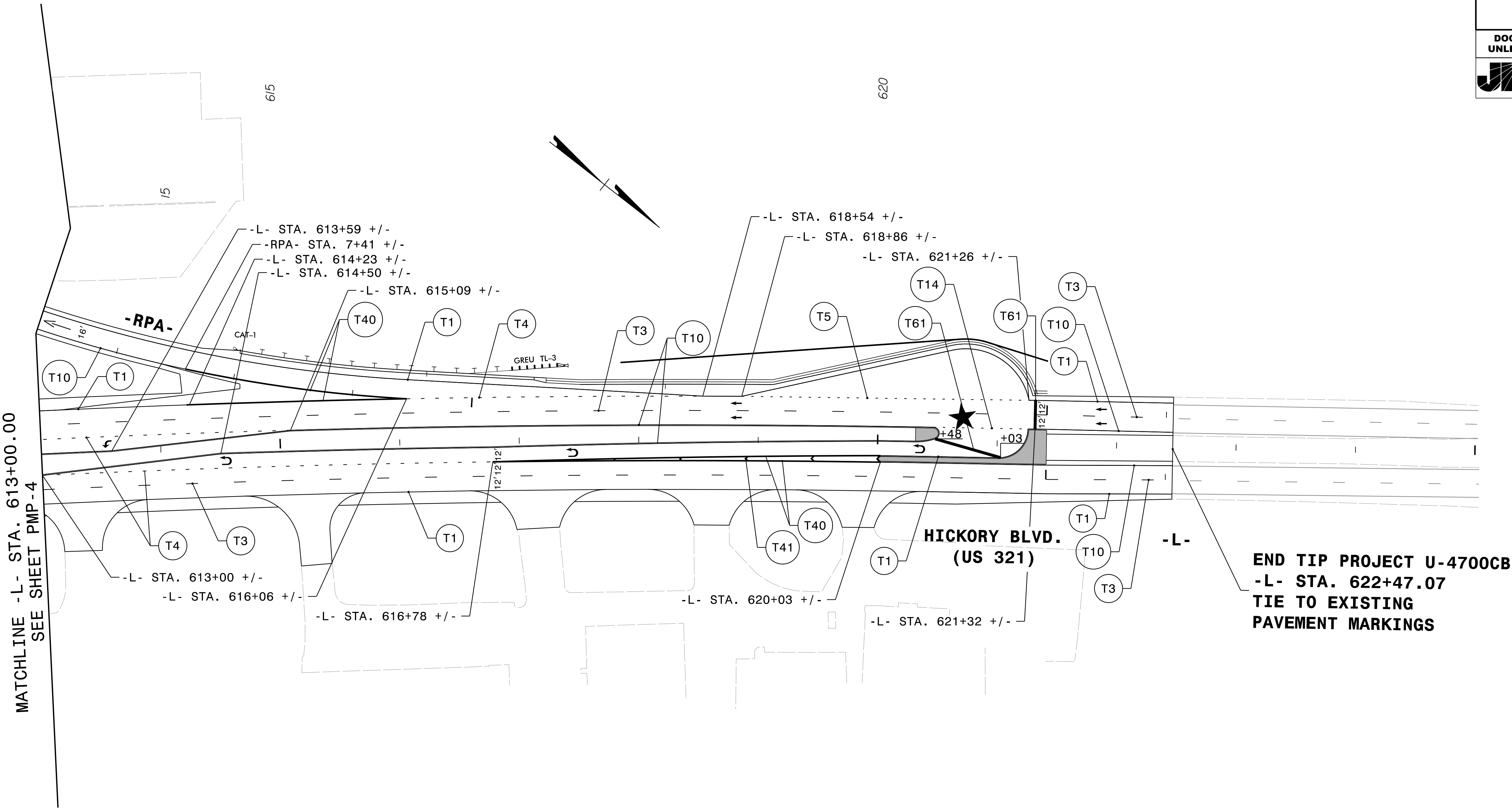
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TIP NO.	SHEET NO.
U-4700CB	PMP-5
APPROVED: DocuSigned by: <i>Rene Schuler</i> 16634024G7824FG...	
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PROFESSIONAL SEAL 26960 ENGINEER RENE M. SCHULER	
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★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL