

T.I.P.: U-4700CC

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User: rptndur

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
CALDWELL COUNTY

LOCATION: INTERSECTION UPGRADE AT US-321
AND SR-1108 (MISSION RD)

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:

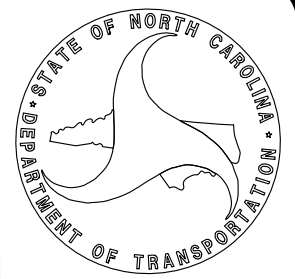
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.15	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

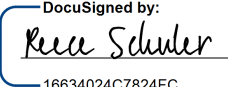
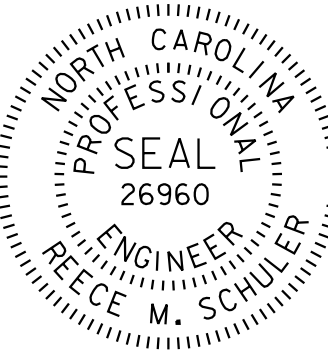
INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A-1B	PAVEMENT MARKING SCHEDULE AND LEGEND & SPECIAL DETAIL SHEET
PMP-2-4	PAVEMENT MARKING DETAILS

NCDOT CONTACTS:

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



TIP NO.	SHEET NO.
U-4700CC	PMP-1
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DATE: 8/14/2025 9:21:44 AM PDT	
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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.

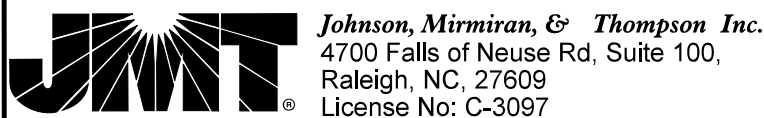
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
-L- US 321	THERMO	SNOWPLOWABLE REFLECTIVE
-Y36- SR 1108	THERMO	SNOWPLOWABLE REFLECTIVE
-Y37- SR 1192	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 SCHULER, PE, PLS SENIOR ENGINEER
JOSHUA ROEMER, PE DESIGN ENGINEER



TIP NO.
U-4700CC

SHEET NO.
PMP-1A

APPROVED:

DocuSigned by:
Reece M. Schuler

DATE: 8/28/2025 | 1:38:04 PM PDT

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
26960
ENGINEER
REECE M. SCHULER

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FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
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PAVEMENT MARKING

THERMOPLASTIC (4", 90 MIL)

T5	2 FT. - 6 FT./SP WHITE MINISKIP
T14	2 FT. - 6 FT./SP YELLOW MINISKIP
T1	WHITE EDGELINE
T10	YELLOW EDGELINE
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	GORE LINE
T41	WHITE DIAGONAL
T42	YELLOW DIAGONAL

THERMOPLASTIC (24", 90 MIL)

T61	WHITE STOPBAR
-----	---------------

THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MIL)

T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T77	U TURN ARROW
T103	24" YIELD LINE TRIANGLE

SNOWPLOWABLE PAVEMENT MARKERS (NOT SHOWN)

ME	YELLOW & YELLOW
MF	CRYSTAL & RED

LEGEND

GENERAL

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

PAVEMENT MARKINGS

- EXISTING LINES
- PROPOSED LINES

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

- T70
- T71
- T72
- T77

10'-30'/SP SKIP LINE

10' WHITE SKIP

15'

15'

80'

REFER TO SPACING CHART FOR SPACING REDUCTIONS

3'-9'/SP MINI-SKIP LINE

24'

MARKER CENTERED BETWEEN MINI-SKIP LINES

LEGEND

CRYSTAL/RED PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

DIRECTION OF TRAFFIC FLOW

GORE LINES

20'

MARKERS OFFSET 2" FROM GORE LINES

YELLOW CENTER LINES

REFER TO SPACING CHART FOR SPACING REDUCTIONS

80'

15'

80'

15'

15'

15'

15'

15'

MARKERS CENTERED BETWEEN DOUBLE CENTER LINES

DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS

6"

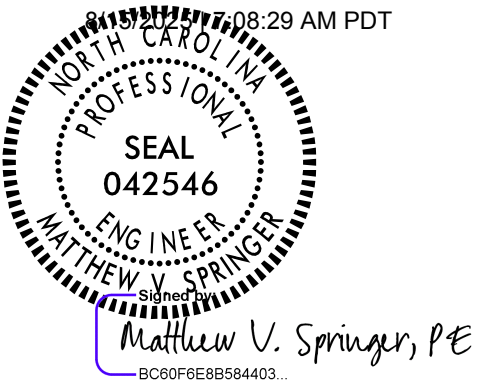
MARKERS CENTERED BETWEEN DOUBLE CENTER LINES

MARKERS CENTERED BETWEEN SKIP LINES

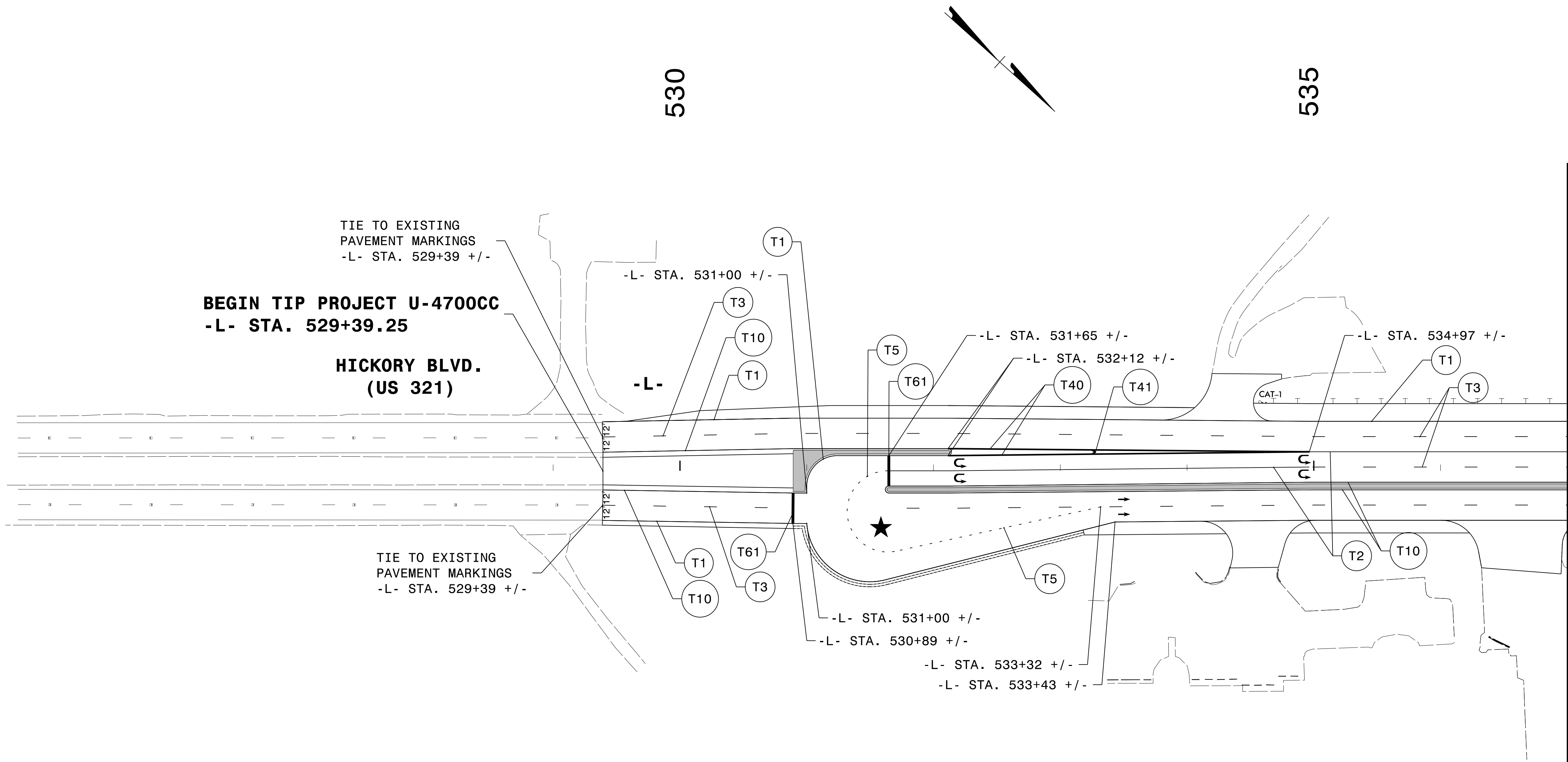
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 2 OF 3
1250D01



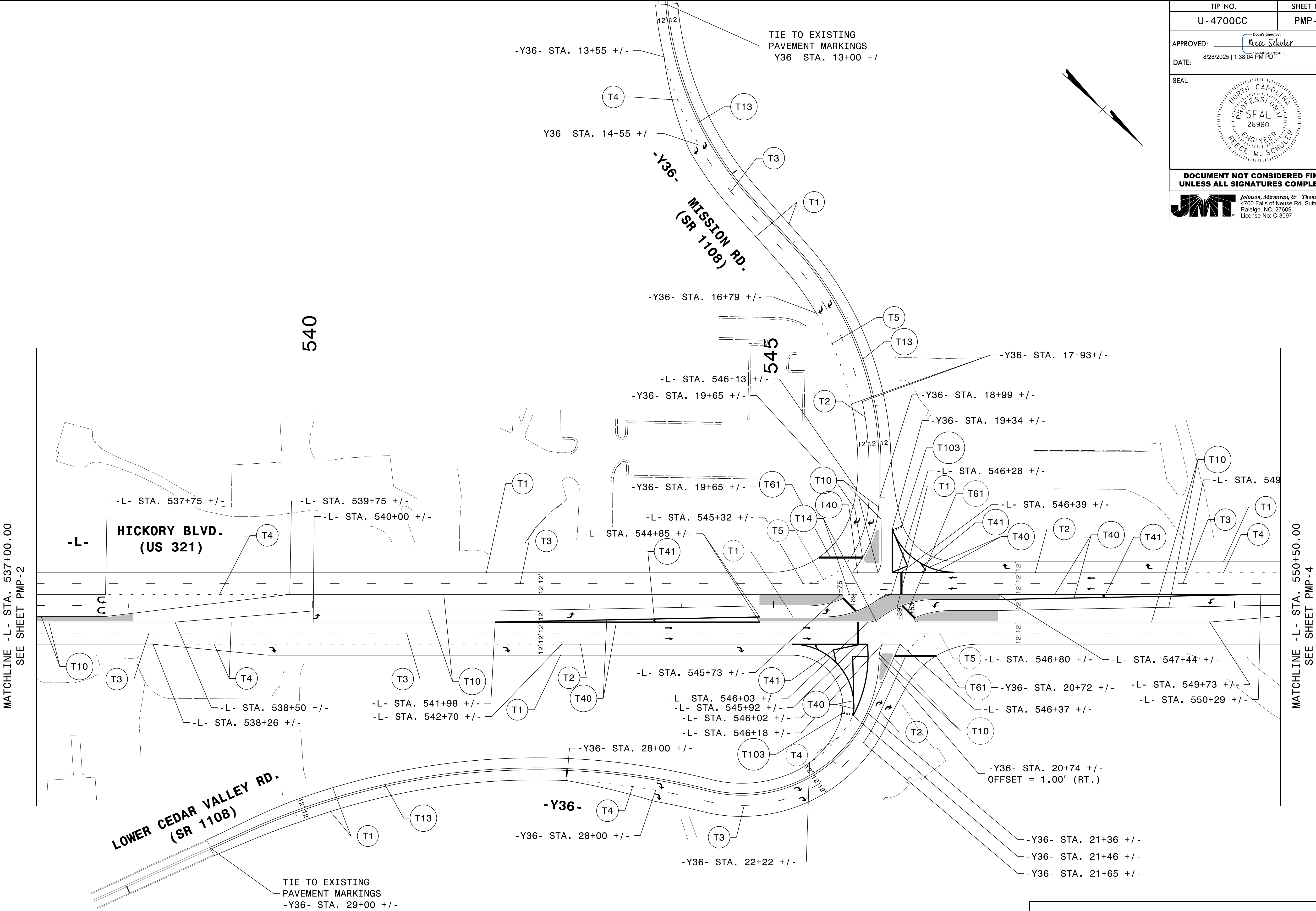
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U-4700CC	PMP-2
APPROVED: DESIGNED BY: Reese M. Schuler	
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Professional Engineer Seal: North Carolina, Seal No. 26960, Engineer Reese M. Schuler	
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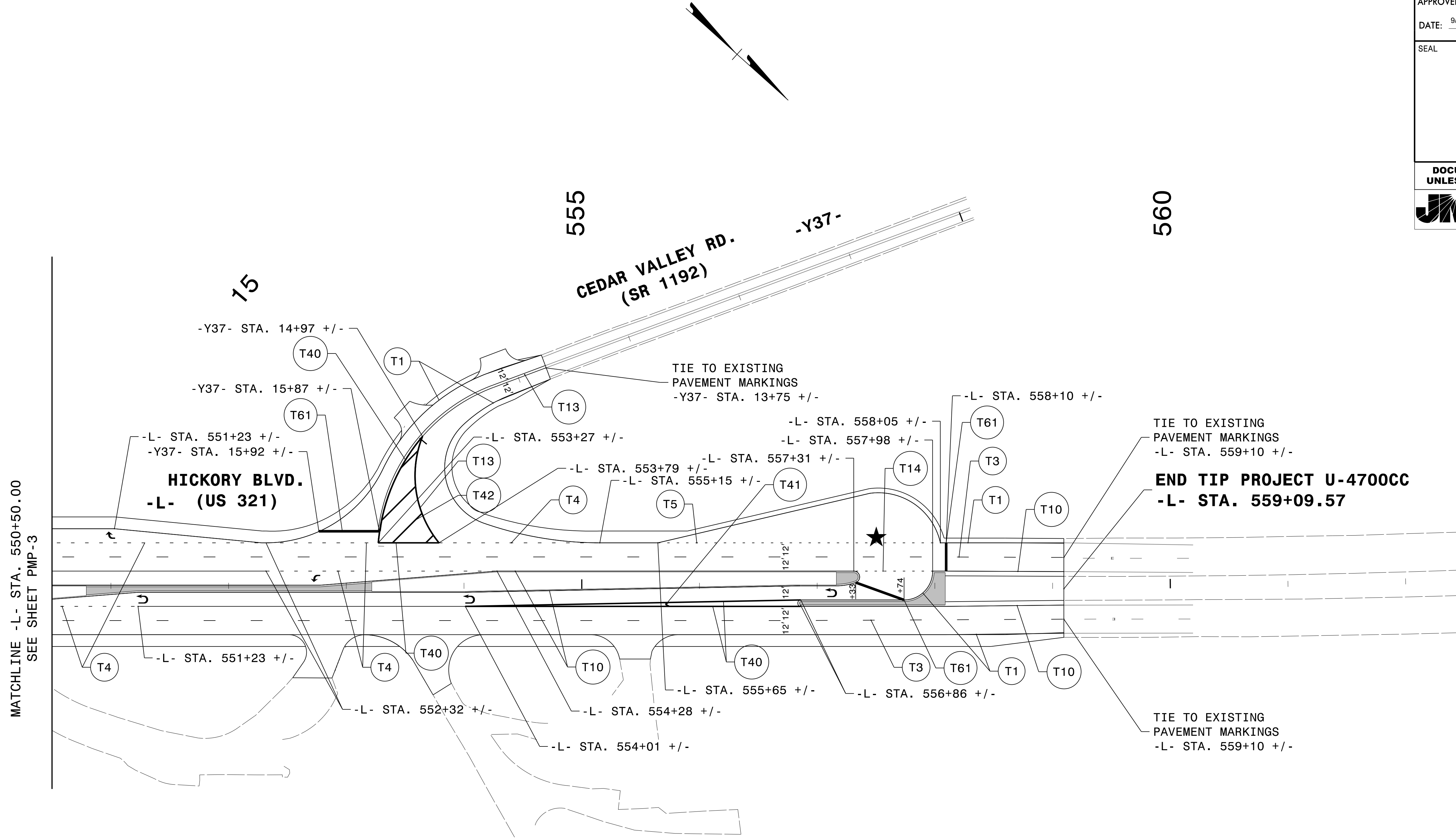
PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
U-4700CC	PMP-3
APPROVED: DocuSigned by: <i>Reece Schuler</i> 8/28/2025 1:38:04 PM PDT	
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SEAL NORTH CAROLINA PROFESSIONAL ENGINEER RECE M. SCHULER 26960	
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PAVEMENT MARKING DETAIL

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Professional Seal: REECE M. SCHULER, ENGINEER, 26960, NORTH CAROLINA	
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★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

9/16/2025 10:30:27 AM
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