

CONTRACT: C205038

PROJECT: HL-00081

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAKE COUNTY

LOCATION: WIDENING SR 1006 (OLD STAGE ROAD) FROM
SR 2736 (ROCK SERVICE STATION ROAD) TO
SR 3884 (ROLLING MEADOWS DRIVE)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND SIGNAL.

TIP NO. HL-00081	SHEET NO. PMP-1
APPROVED: DocuSigned by: Faith E. Jahnke 8002888CE7C8468	
DATE: 9/8/2025	
SEAL Professional Engineer Faith E. Jahnke Seal 046981	
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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
ALL ROADS	THERMOPLASTIC	POLYCARBONATE H-SHAPED SNOWPLOWABLE

- 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.

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
1205.06	PAVEMENT MARKINGS - LANE DROPS
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

PROJECT HL-00081 FINAL
PAVEMENT MARKING SCHEDULE

SYMBOL DESCRIPTION

THERMOPLASTIC (4", 90 MIL)

T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	10 FT WHITE SKIP
T4	3 FT - 9 FT/SP WHITE MINI SKIP
T5	2 FT - 6 FT/SP WHITE MINI SKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER LINE
T14	2 FT - 6 FT/SP YELLOW MINI SKIP

THERMOPLASTIC (8", 90 MIL)

T43	WHITE SOLID LANE LINE
T44	3 FT - 9 FT/SP WHITE MINI SKIP

THERMOPLASTIC (12", 90 MIL)

T52	YELLOW DIAGONAL
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THERMOPLASTIC (24", 90 MIL)

T61	WHITE STOPBAR
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THERMOPLASTIC - PAVEMENT MARKING SYMBOLS

T70	LEFT ARROW
T71	RIGHT ARROW
T72	STRAIGHT ARROW
T74	COMBO. RIGHT/STRAIGHT ARROW
T76	COMBO. LEFT/RIGHT/STRAIGHT ARROW
T77	U-TURN ARROW
T78	COMBO. LEFT/U-TURN ARROW
T100	ALPHANUMERIC CHARACTER

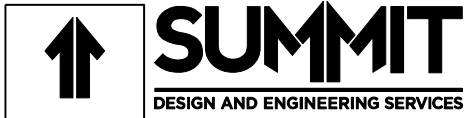
SNOWPLOWABLE PAVEMENT MARKERS

MA	YELLOW & YELLOW
MB	CRYSTAL & RED

INDEX

PMP-1	PAVEMENT MARKING PLAN TITLE, SCHEDULE, NOTES, AND STANDARDS
PMP-2	STANDARD DETAIL
PMP-3-6	PAVEMENT MARKING DETAIL SHEETS

Prepared in the Office of:



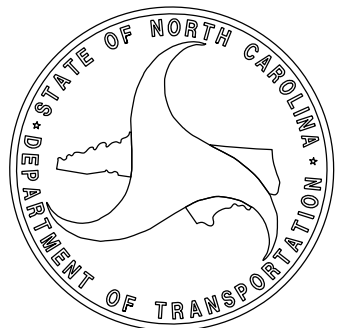
NC FIRM LICENSE No: C-5176
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

BRANDON W. JOHNSON, PE

PROJECT ENGINEER

FAITH E. JAHNKE, PE

PROJECT DESIGNER



PLAN REVIEWED BY N.C.D.O.T. SIGNING AND DELINEATION UNIT

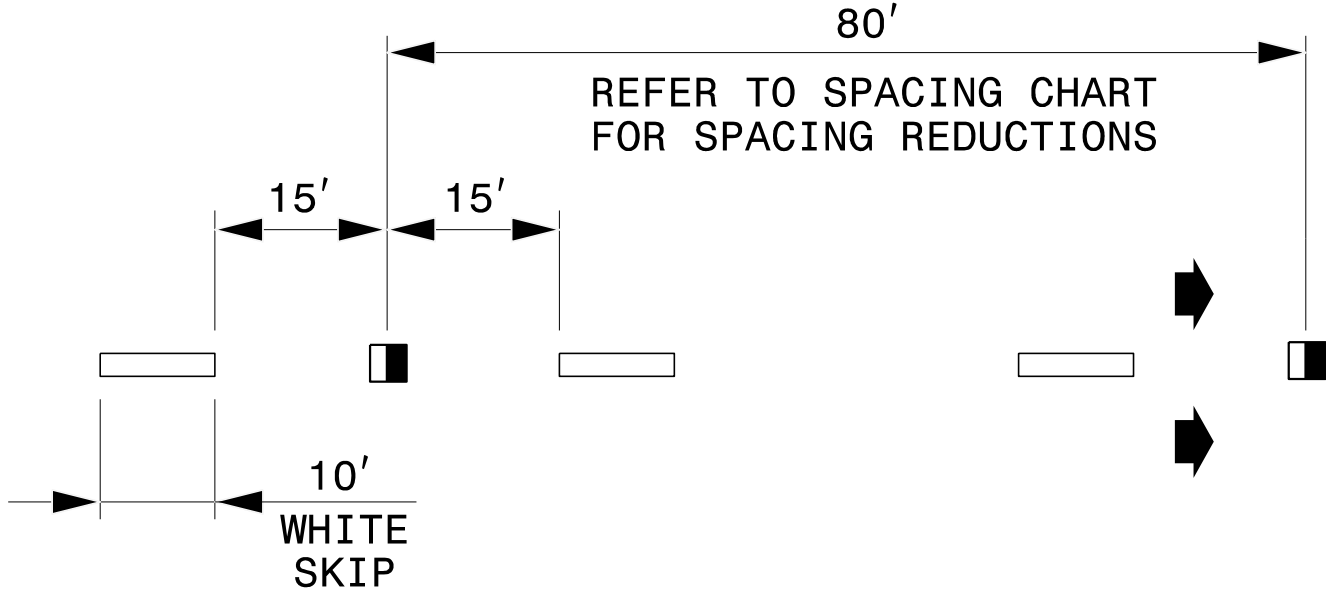
DAVID M. EATON, PE

SIGNING AND DELINEATION REGIONAL ENGINEER

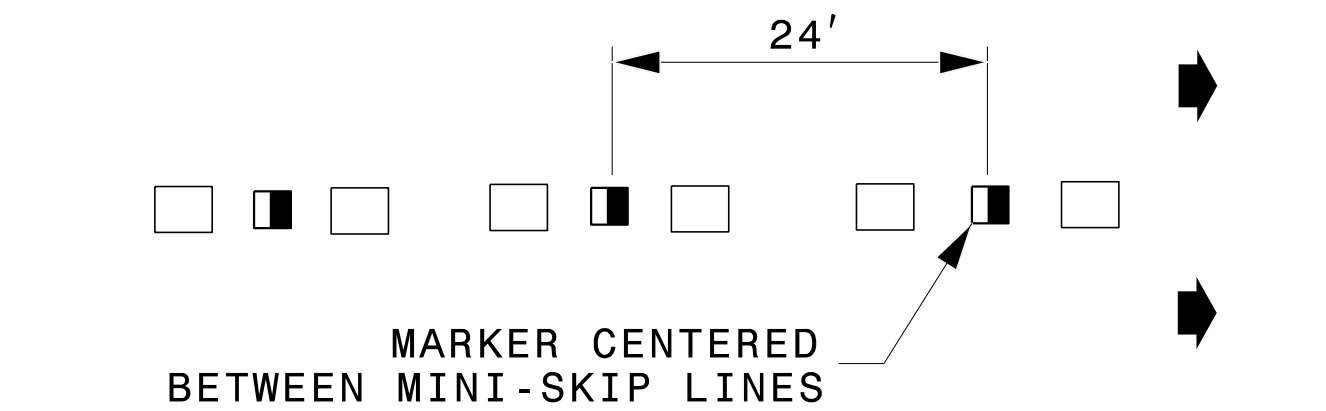
PERI ELA AKOZR, EI

SIGNING AND DELINEATION PROJECT DESIGN ENGINEER

10'-30'/SP SKIP LINE



3'-9'/SP MINI-SKIP LINE



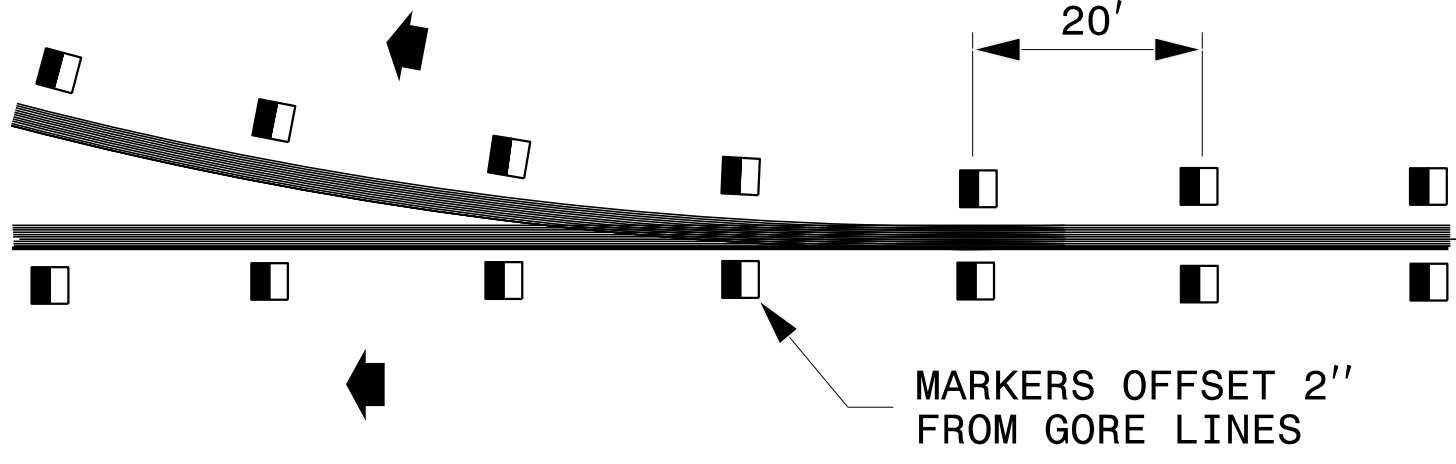
LEGEND

 CRYSTAL/RED PAVEMENT MARKER

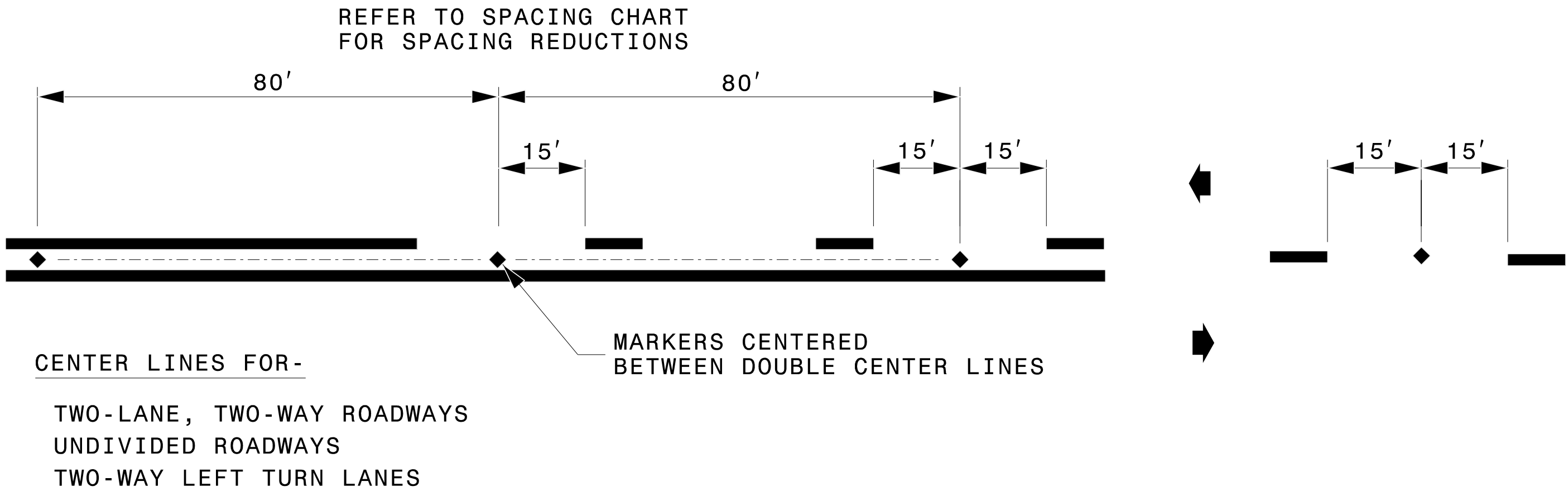
 YELLOW/YELLOW PAVEMENT MARKER

 DIRECTION OF TRAFFIC FLOW

GORE LINES

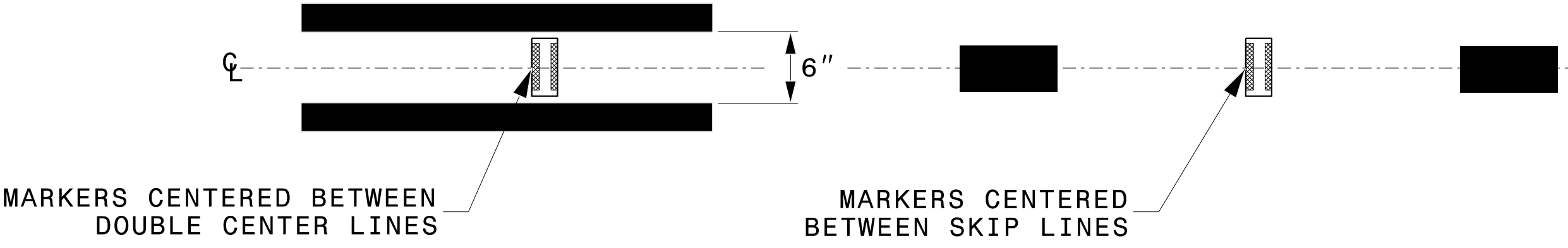


YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



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

9/9/2025

Signed by:
Matthew V. Springer, PE
BC06P0E8B584403

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

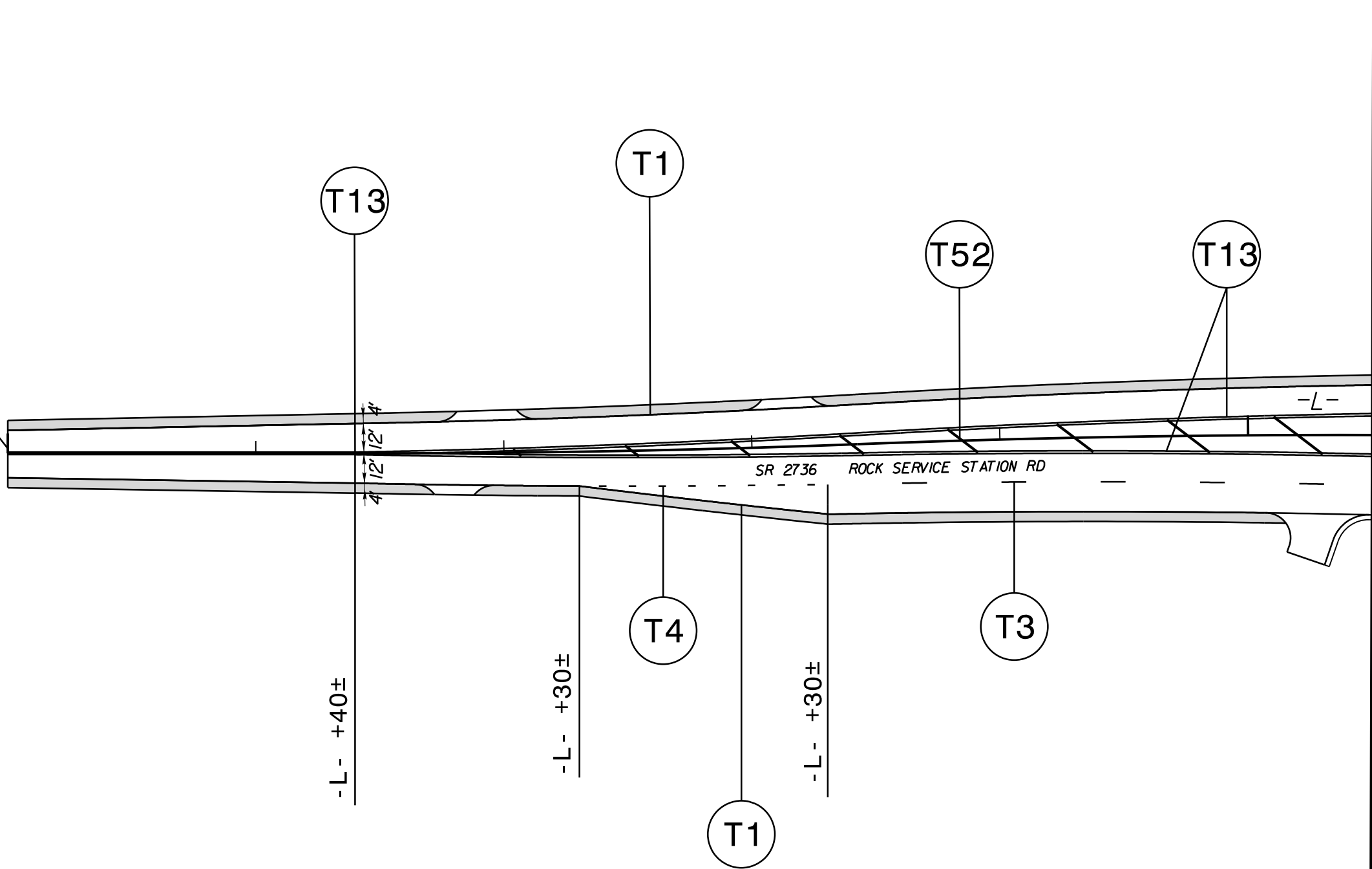
ORIGINAL BY: M.V. SPRINGER	DATE: 2-15-24
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	

TIP NO.	SHEET NO.
HL-0008I	PMP-3
APPROVED: DocuSigned by: Faith E. Jahnke B002B6BCE7C9466...	
DATE: 9/8/2025	
SEAL	
SEAL 046981 FAITH E. JAHNKE ENGINEER NORTH CAROLINA PROFESSIONAL	
Prepared in the Office of:	NC FIRM LICENSE No: C-5176 320 Executive Ct. Hillsborough, NC 27278 (919) 732-3881 (919) 732-6676 (FAX)
↑ SUMMIT ROAD AND CONSTRUCTION SERVICES	
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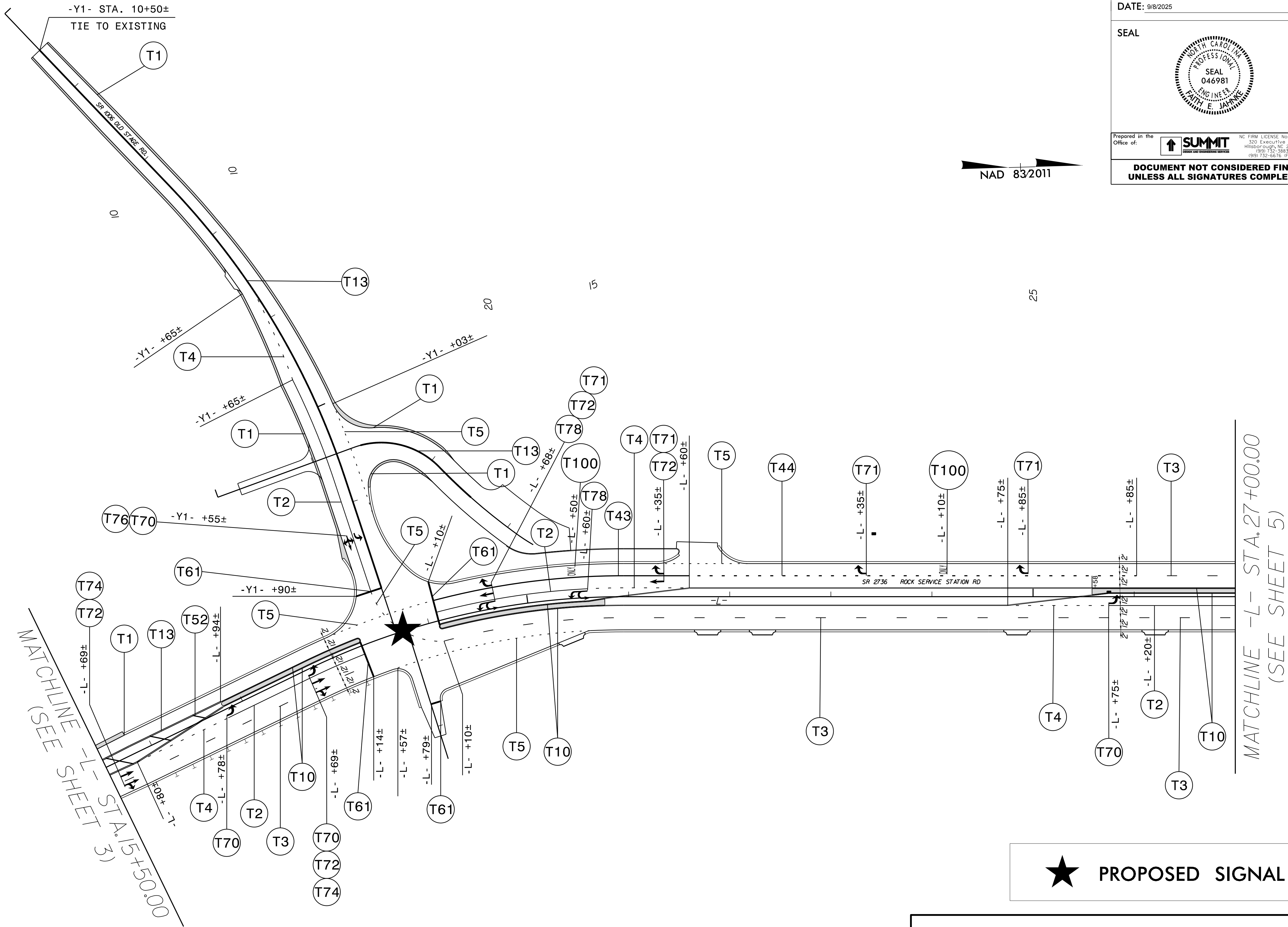
-L- STA. 10+00±
TIE TO EXISTING



PAVEMENT MARKING DETAIL

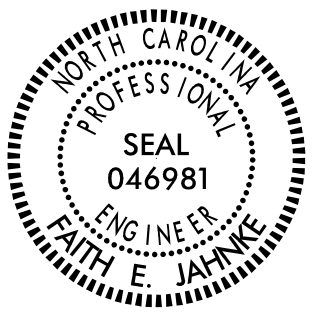
TIP NO. HL-0008I	SHEET NO. PMP-4
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DATE: 9/8/2025	
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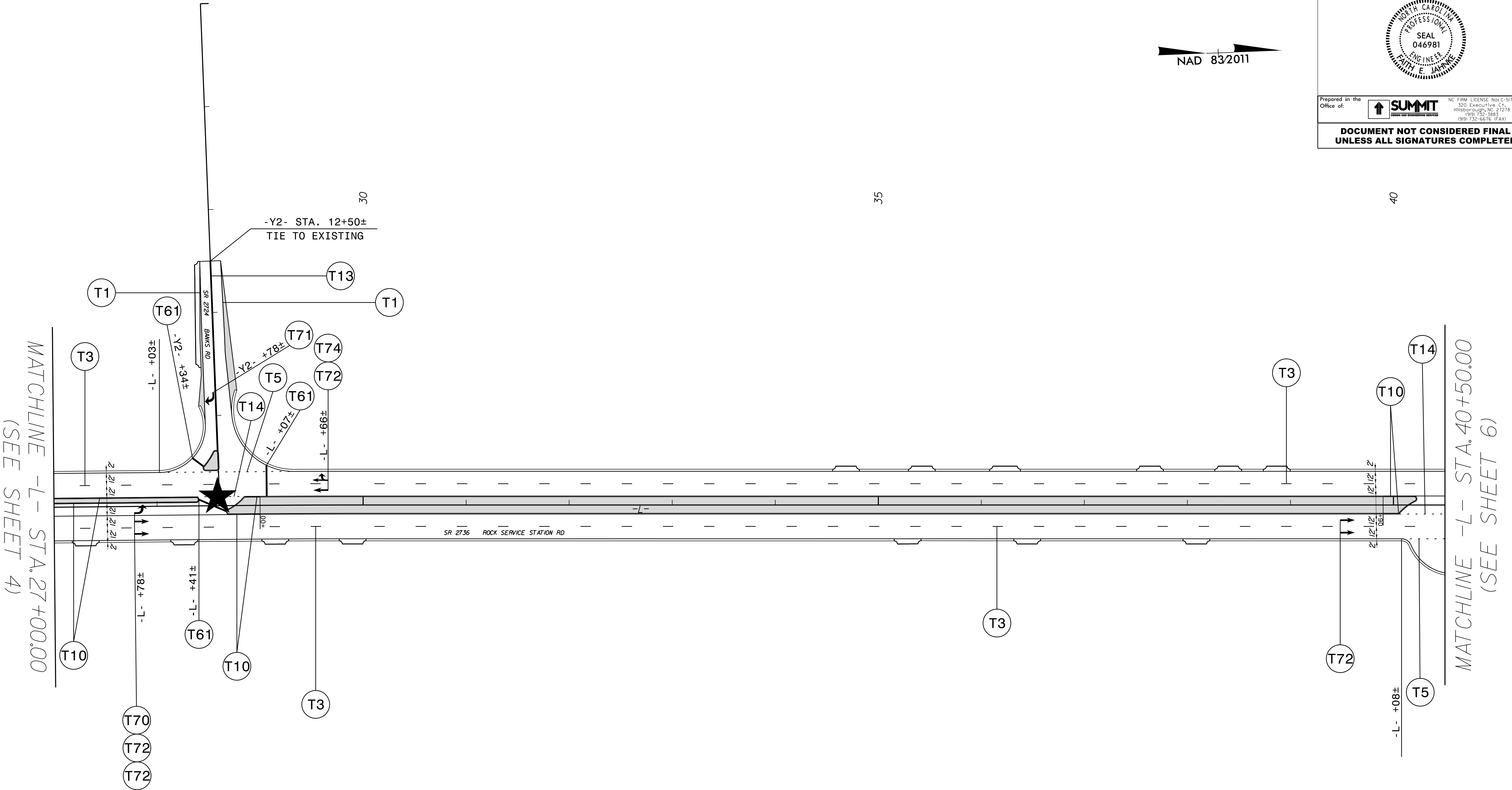
NAD 83/2011



★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

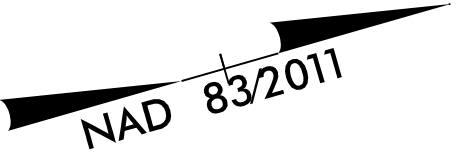
TIP NO.	SHEET NO.
HL-00081	PMP-5
APPROVED: <i>Forth E. Jahnke</i> DATE: 9/8/2025	
SEAL 	
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

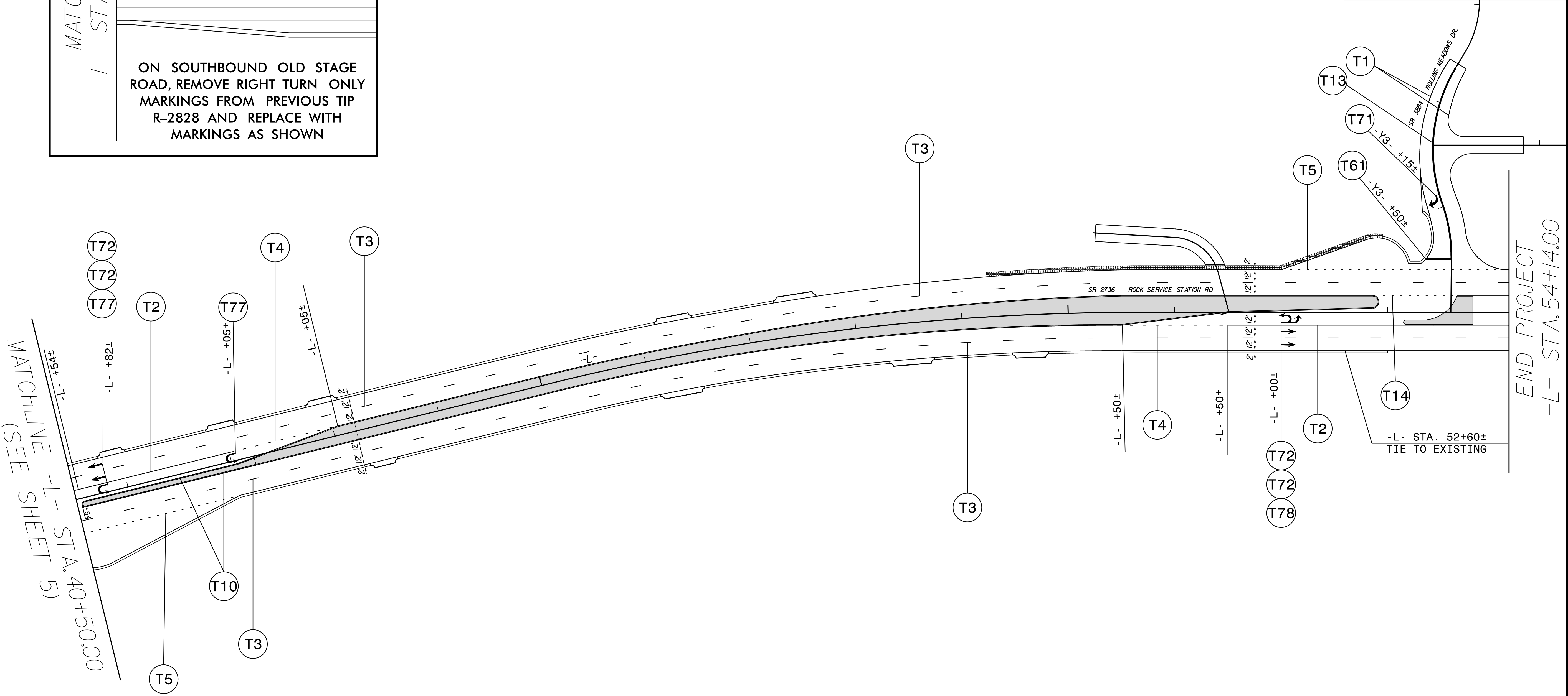
TIP NO. HL-00081	SHEET NO. PMP-6
APPROVED: <i>Faith E. Jahnke</i> 8002583CEY39466	
DATE: 9/8/2025	
SEAL 	
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MATCHLINE
-L- STA. 54+14.00

ON SOUTHBOUND OLD STAGE ROAD, REMOVE RIGHT TURN ONLY MARKINGS FROM PREVIOUS TIP R-2828 AND REPLACE WITH MARKINGS AS SHOWN

T72 T74
-L- +75±



PAVEMENT MARKING DETAIL