

5/23/2025
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User: Lisa Moon

T.I.P.: R-3430B

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
BURKE /CALDWELL COUNTY

LOCATION: BRIDGE #110010 OVER CATAWBA RIVER ON SR 1001 (CONNELLY SPRINGS ROAD)

TIP NO.	SHEET NO.
R-3430B	PMP - 1
APPROVED: DesigSigned by: Lisa M. Moon	
DATE: 5/23/2025	
SEAL	
	
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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:

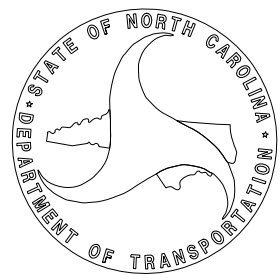
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

PAVEMENT
MARKING SCHEDULE

SYMBOL	DESCRIPTION	
POLYUREA (4", 20 MIL)		12057 L.F.
V1	WHITE EDGELINE	
V5	2 FT.-6 FT./SP WHITE MINISKIP	
V13	YELLOW DOUBLE CENTER	
PAVEMENT MARKERS		47 EA
ME	SNOWPLOWABLE MARKER	

PLAN PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN



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.

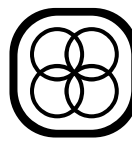
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
ROADWAY	POLYUREA	SNOWPLOWABLE
BRIDGE	POLYUREA	NONE

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
D) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.

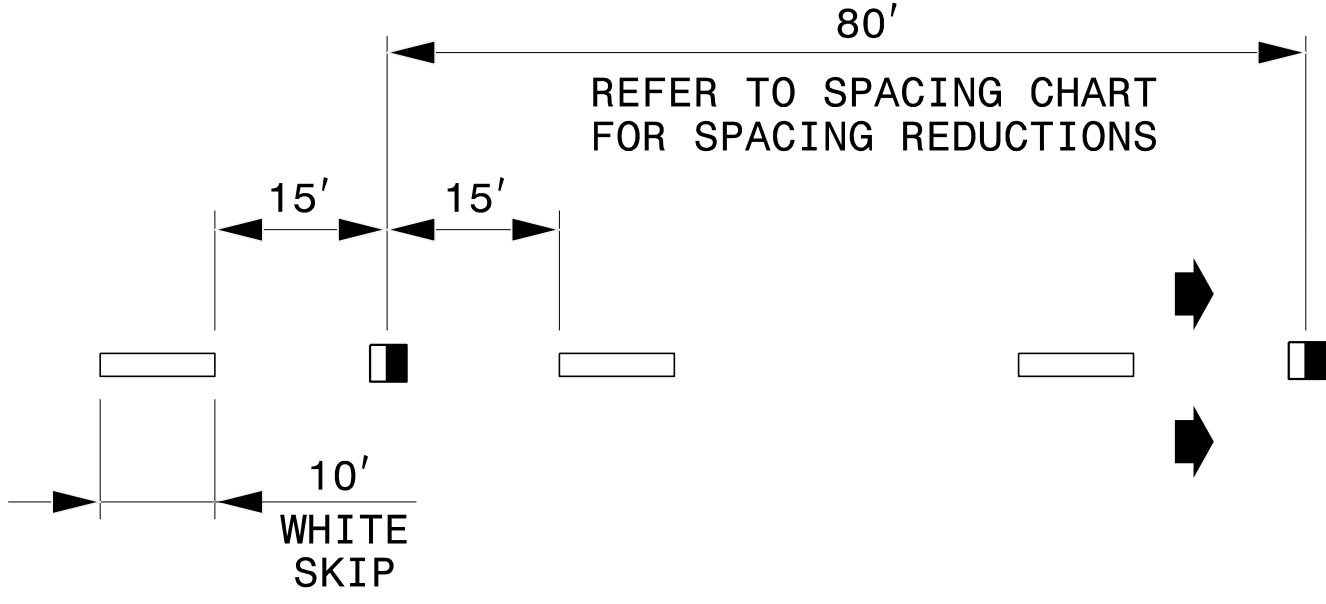
INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-1A	IN LIEU OF STANDARDS
PMP-1B	PAVEMENT MARKING DETAILS
PMP-2 THRU PMP-4	PAVEMENT MARKING PLANS

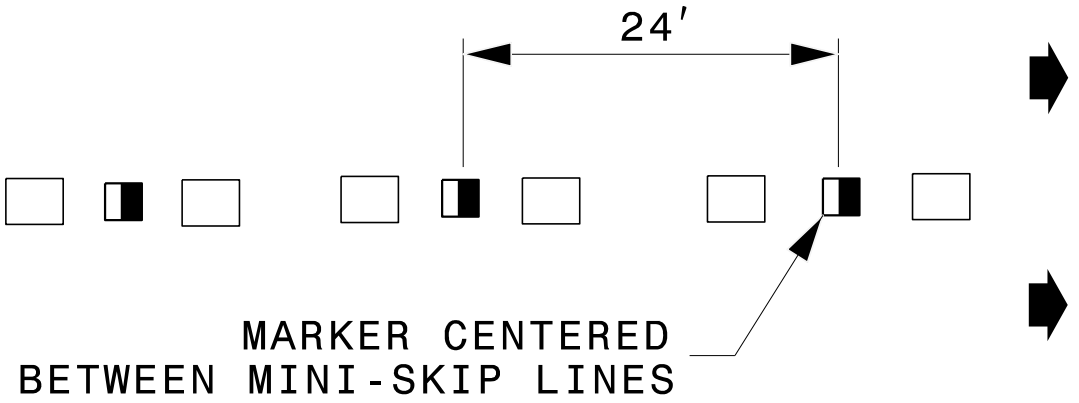
PLANS PREPARED BY:
 **DRMP**
DRMP, INC.
8210 UNIVERSITY EXECUTIVE PARK DR., SUITE 220
CHARLOTTE, NC 28262
NC LICENSE NO. F-1524 (704) 549-4260

LISA MOON, PE PROJECT ENGINEER
DARREN WHITE, IMSA PROJECT DESIGN ENGINEER

10'-30'/SP SKIP LINE



3'-9'/SP MINI-SKIP LINE



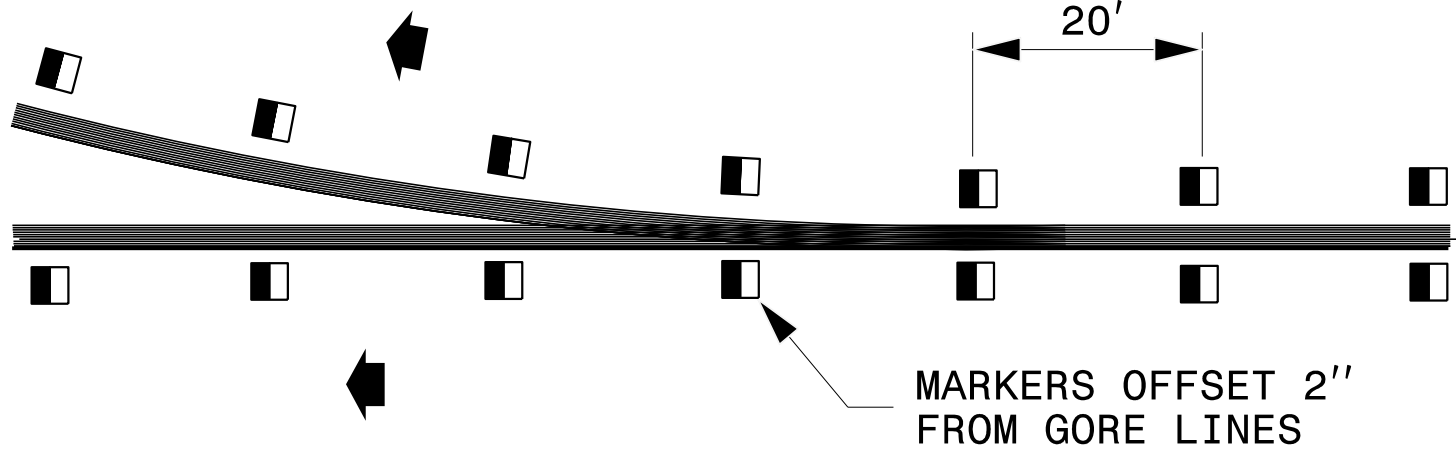
LEGEND

 CRYSTAL/RED PAVEMENT MARKER

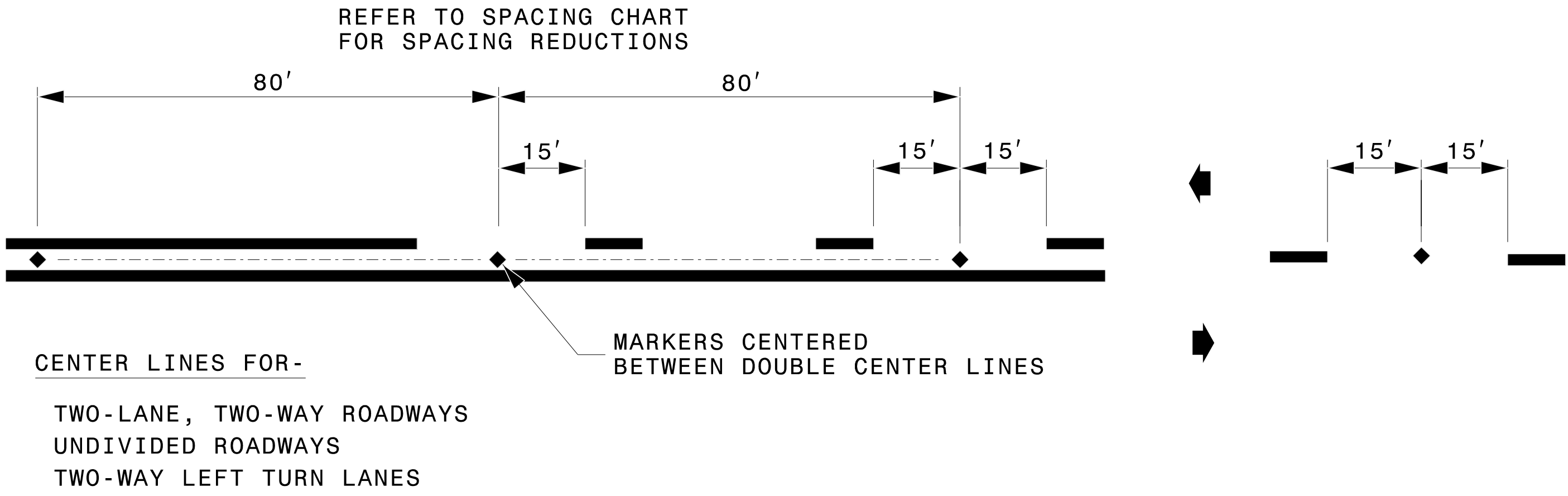
 YELLOW/YELLOW PAVEMENT MARKER

 DIRECTION OF TRAFFIC FLOW

GORE LINES

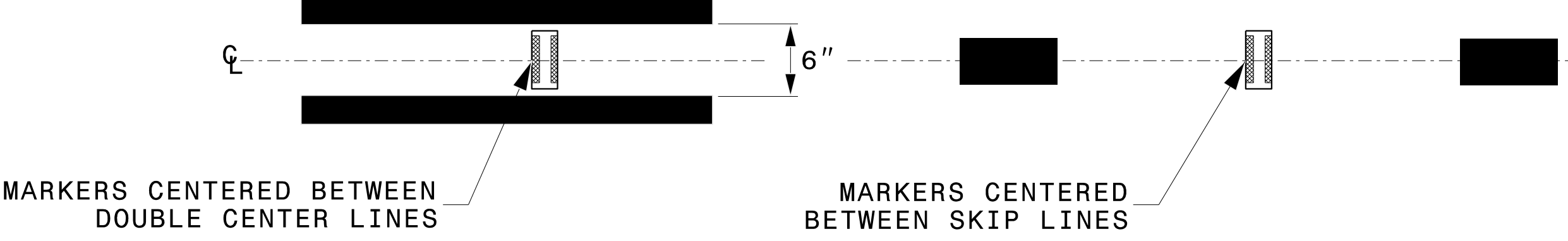


YELLOW CENTER LINES



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

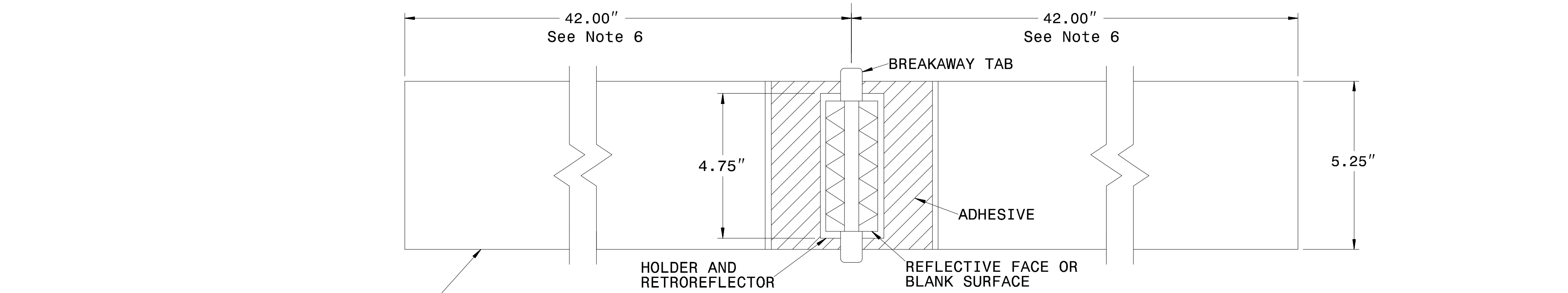
Signed by:
Matthew V. Springer, P.E.
BC00F0E1B8B4403...

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

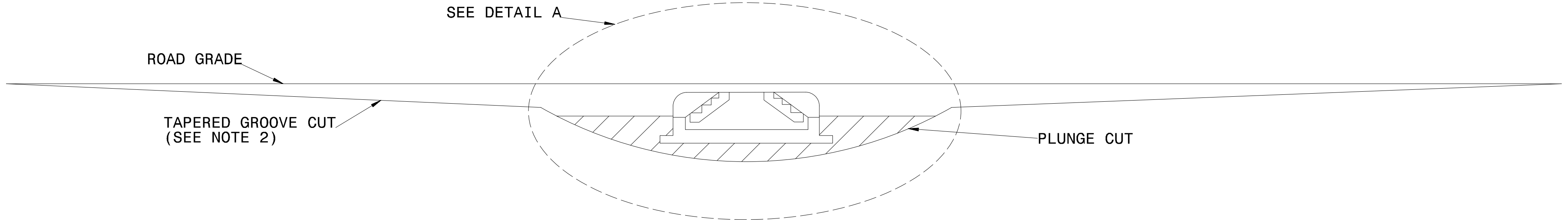
SEE TITLE BLOCK

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

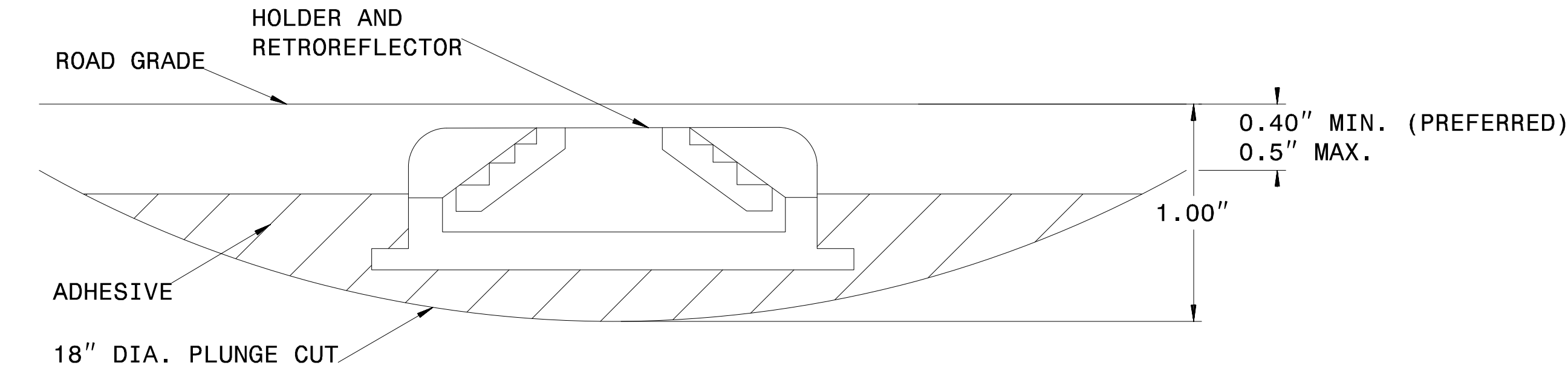
PROJECT REFERENCE NO.	SHEET NO.
R-3430B	PMP-1B



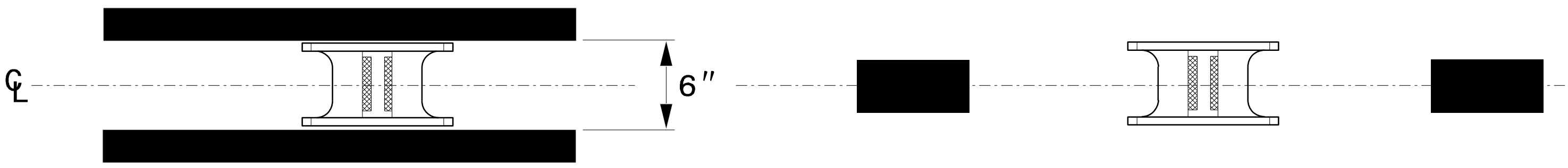
PLAN VIEW - TANGENT SECTIONS



PROFILE VIEW



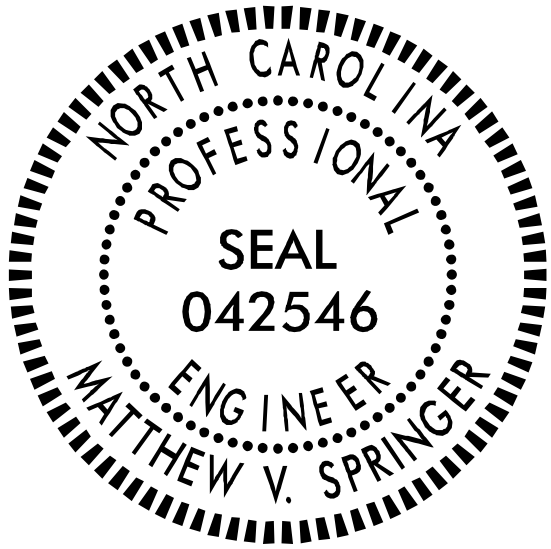
DETAIL A



MARKER SPACING

NOTES:

- ALL GROOVE EDGES SHALL BE AT LEAST 2 INCHES FROM ANY SEAM OR PAVEMENT JOINT
- GROOVE CUTS MAY BE TAPERED OR BEVELED. TAPERED CUTS SHALL START AT ROAD LEVEL ON EACH END AND TAPER AT A FIXED RATE AS SHOWN ON THE PROFILE VIEW. BEVELED GROOVE CUTS SHALL BE 0.5" MAXIMUM DEPTH (0.4" PREFERRED), AND SHALL BE 0.4" MINIMUM DEPTH AT BOTH ENDS OF THE PLUNGE CUT.
- GROOVE AND PLUNGE CUT SHALL BE CLEAN AND DRY PRIOR TO PLACEMENT OF ADHESIVE.
- THE EPOXY ADHESIVE SHALL BE THOROUGHLY MIXED UNTIL IT IS UNIFORM IN COLOR, AND APPLIED IN COLOR, AND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- MARKER SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE BREAKWAY TABS RESTING ON THE PAVEMENT SURFACE. THE EPOXY SHALL BE FILLED TO THE LEVEL OF THE TOP OF THE MARKER HOLDER. EPOXY SHALL NOT TOUCH THE RETROREFELCTOR.
- TOTAL GROOVE LENGTH MAY BE SHORTENED TO 54" ON SHARP CURVES IF APPROVED BY THE ENGINEER. GROOVES SHALL NOT OVERLAP WITH LOOP DETECTOR WIRES.



Signed by:
Matthew V. Springer, PE
DC50FEE8B584403

CONTRACTS STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-8950	FAX 919-250-4119
DETAIL OF INLAID CRADLE MARKER	
ORIGINAL BY: rgwatson	DATE: 02-06-2024
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: _____	_____

PROJECT REFERENCE NO.
R-3430B

SHEET NO.
PMP-2

APPROVED:

Signed by:

Lisa M. Moon

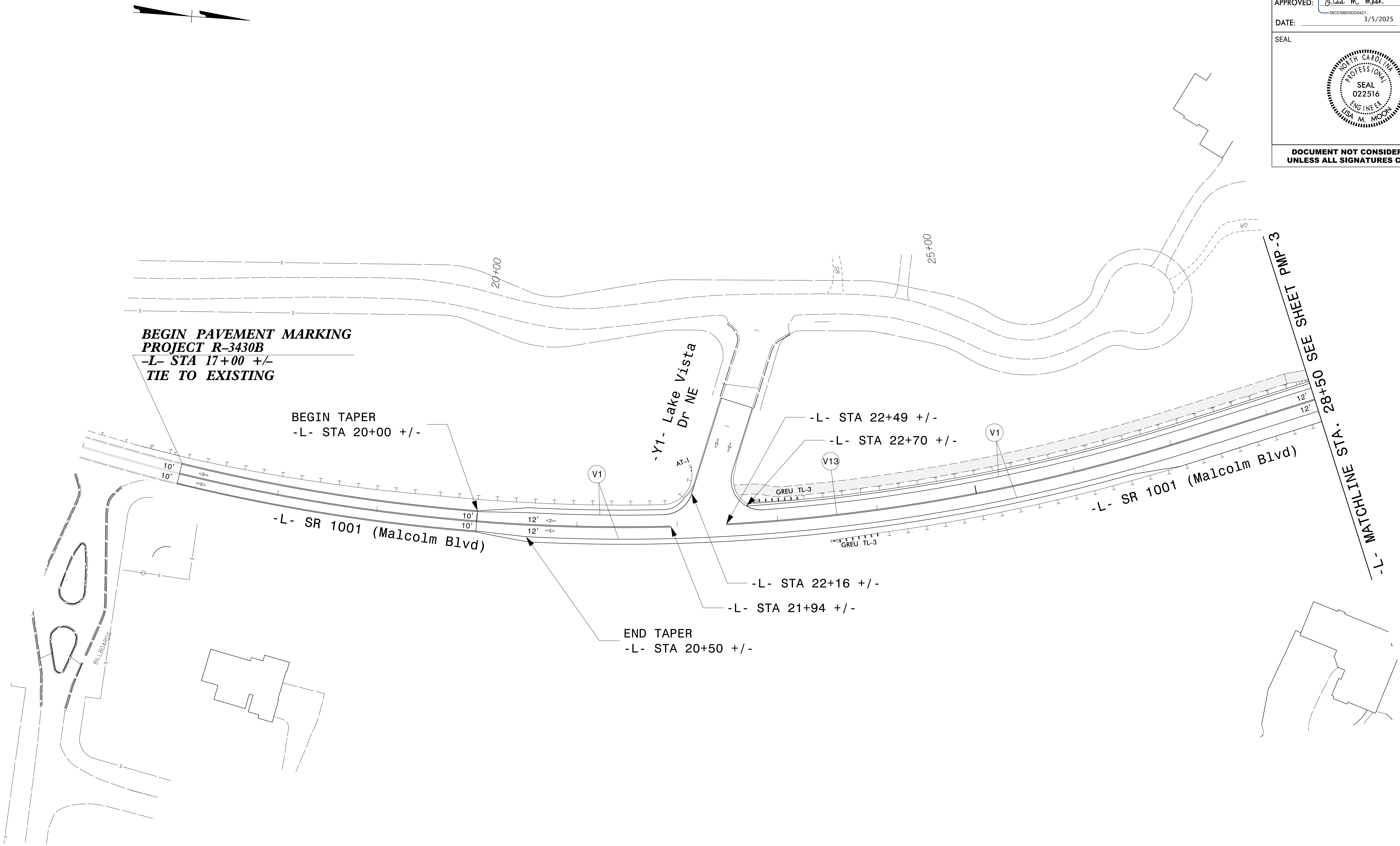
580E58BD83D0421

DATE: 3/5/2025

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
022516
ENGINEER
LISA M. MOON

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UNLESS ALL SIGNATURES COMPLETED



PAVEMENT MARKING SCHEDULE	
SYMBOL	DESCRIPTION
V1	WHITE EDGETYPE (4", 20 MIL)
V13	YELLOW DOUBLE CENTER LINE (4", 20 MIL)

PLANS PREPARED BY:

DRMP

DRMP, INC.

8210 UNIVERSITY EXECUTIVE PARK DR., SUITE 220

CHARLOTTE, NC 28262

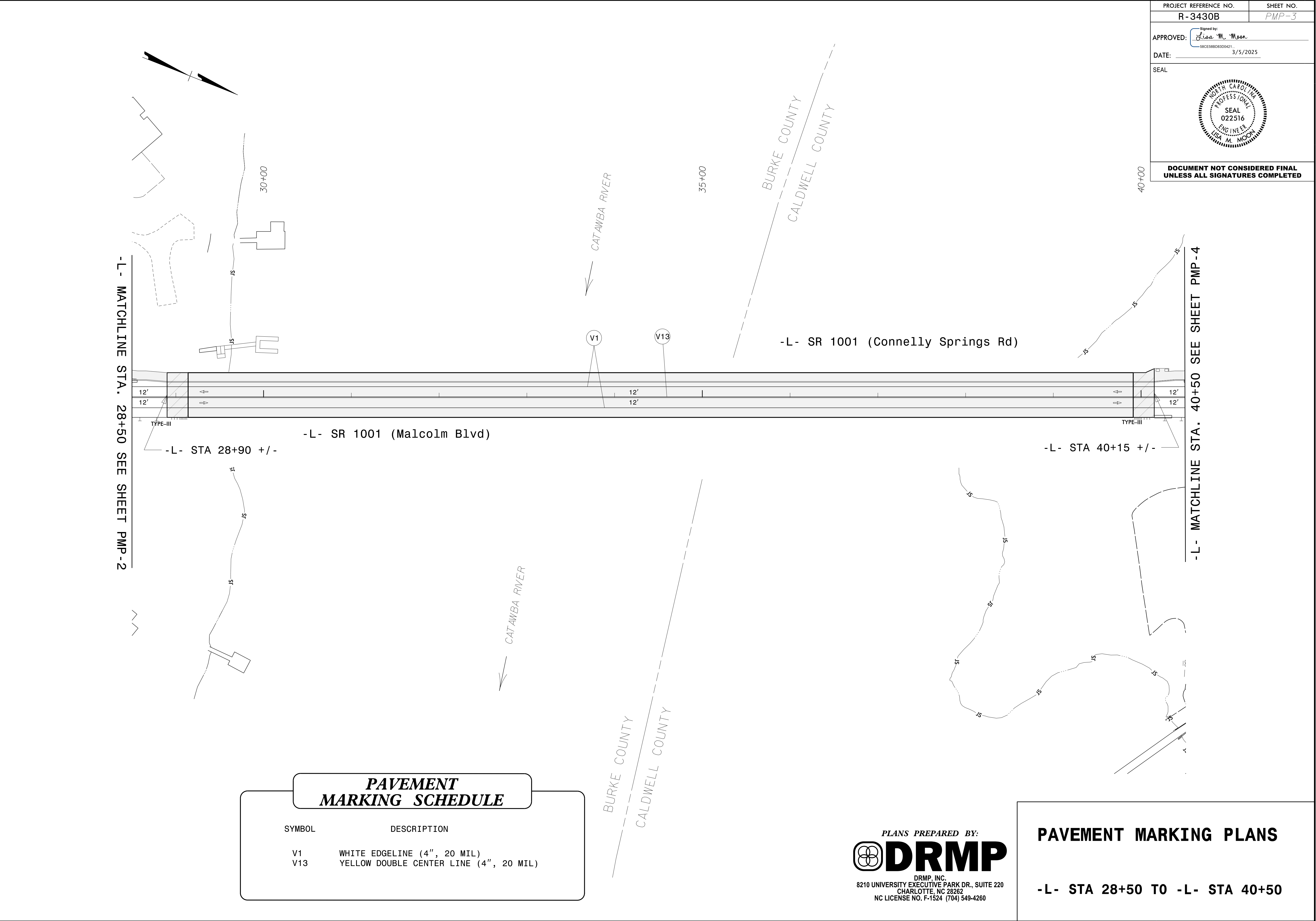
NC LICENSE NO. F-1524 (704) 549-4260

PAVEMENT MARKING PLANS

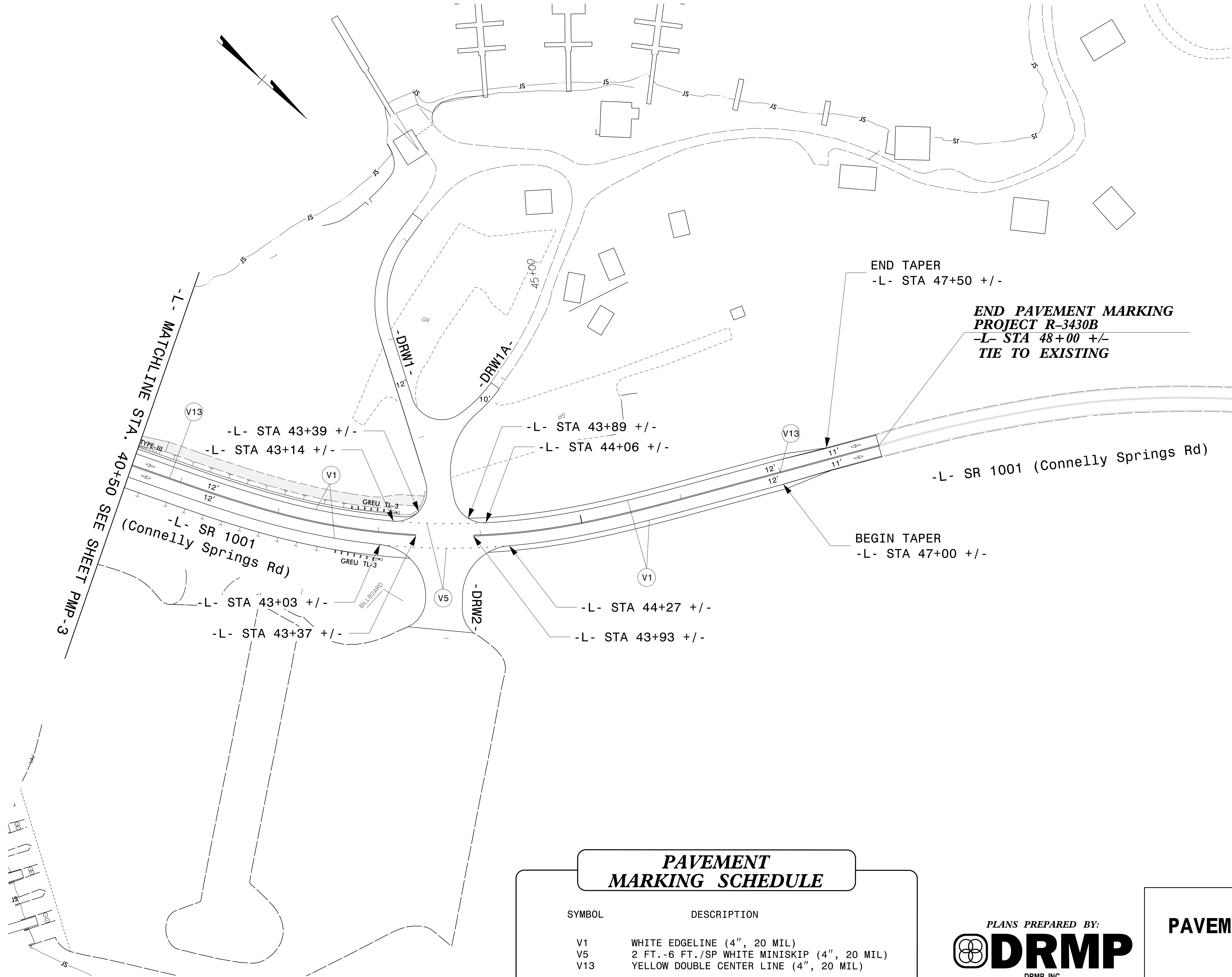
-L- STA 17+00 TO -L- STA 28+50

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2/17/2025
Lisa M. Moon
Project: 022516

2/17/2025
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User: dmbite



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2/17/2025
User: dmbite



PAVEMENT MARKING SCHEDULE	
SYMBOL	DESCRIPTION
V1	WHITE EDGELINE (4", 20 MIL)
V5	2 FT.-6 FT./SP WHITE MINISKIP (4", 20 MIL)
V13	YELLOW DOUBLE CENTER LINE (4", 20 MIL)

PLANS PREPARED BY:
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DRMP, INC.
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CHARLOTTE, NC 28262
NC LICENSE NO. F-1524 (704) 549-4260

PAVEMENT MARKING PLANS

-L- STA 40+50 TO -L- STA 48+00

PROJECT REFERENCE NO.
R-3430B

SHEET NO.
PMP-4

APPROVED:

Signed by:

Lisa M. Moon

58CE588D83D0421

DATE: 3/5/2025

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ENGINEER
SEAL
022516
LISA M. MOON

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