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6/29/2026
Eric W. Bowman - tsh.dgn

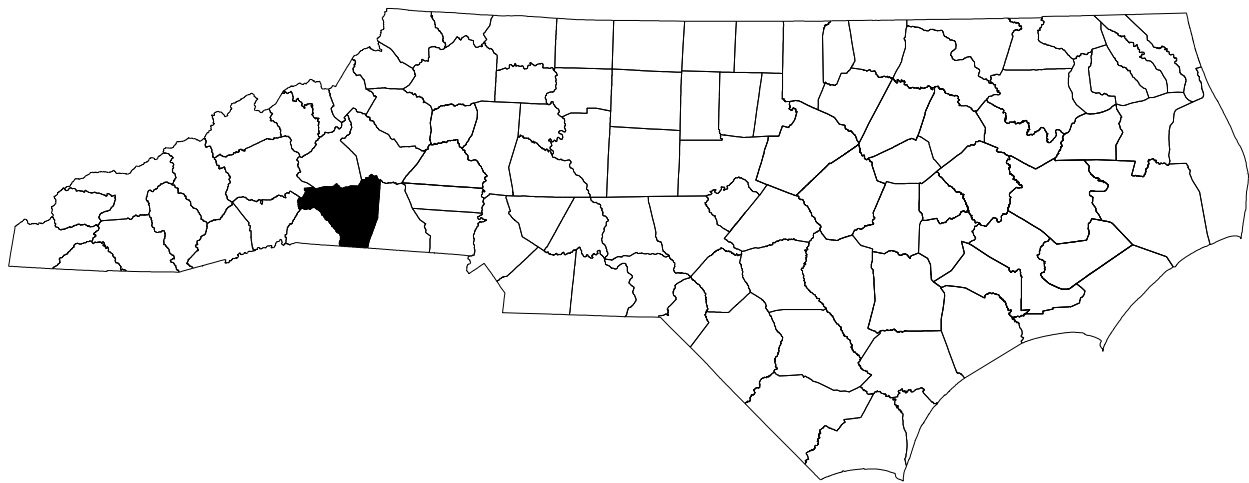
CONTRACT: 205070

T.I.P.: BR-0099

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
RUTHERFORD COUNTY

LOCATION: BRIDGE No.12 OVER US 74 BYPASS ON NC 120



INDEX

SHEET NO.	DESCRIPTION
PMP-1	TITLE SHEET, INDEX, GENERAL NOTES & ROADWAY STANDARD DRAWINGS
PMP-1A	REVISED STANDARD DRAWING; PAVEMENT MARKING - LINE TYPES AND OFFSETS
PMP-1B	REVISED STANDARD DRAWING; RAISED PAVEMENT MARKERS
PMP-1C	DETAIL OF INLAID RAISED PAVEMENT MARKER
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3	PAVEMENT MARKING PLAN SHEET

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" -
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
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

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 BRIDGE	THERMOPLASTIC COLD APPLIED PLASTIC (TYPE II)	INLAID RAISED RAISED

D) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

E) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

F) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY
THE ENGINEER.

G) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS
DIRECTED BY THE ENGINEER.

H) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON
CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC
PAVEMENT MARKING MATERIAL.

K) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD
APPLIED PLASTIC. IF TYPE III COLD APPLIED PLASTIC IS USED, IT SHALL
BE PAID FOR USING THE TYPE II COLD APPLIED PLASTIC PAY ITEM.



WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
NC LIC. NO. F-0165

PLAN PREPARED BY:

ERIC W BOWMAN, PE	SR. TRANSPORTATION DESIGNER
SAYMA AFREEN	TRANSPORATION DESIGNER

TIP NO.	SHEET NO.
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PROJECT REFERENCE NO.

SHEET NO.

CONTINUOUS LINES

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"

10'-30'/SP SKIP LINE

UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.

10'

30'

4" / 6"

YELLOW OR WHITE

3'-3'/SP MINI-SKIP LINE

UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS.

3'

3'

8" / 12"

WHITE

2'-6'/SP MINI-SKIP LINE

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'-9'/SP MINI-SKIP LINE

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

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

ROADWAY DETAIL DRAWING FOR
PAVEMENT MARKINGS
LINE TYPES AND OFFSETS

SHEET 1 OF 2

1205D01

Seal

042546

ENGINEER

MATTHEW V. SPRINGER

8/2026

Signed by

Matthew V. Springer, PE

BC06F0E8B584403

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:

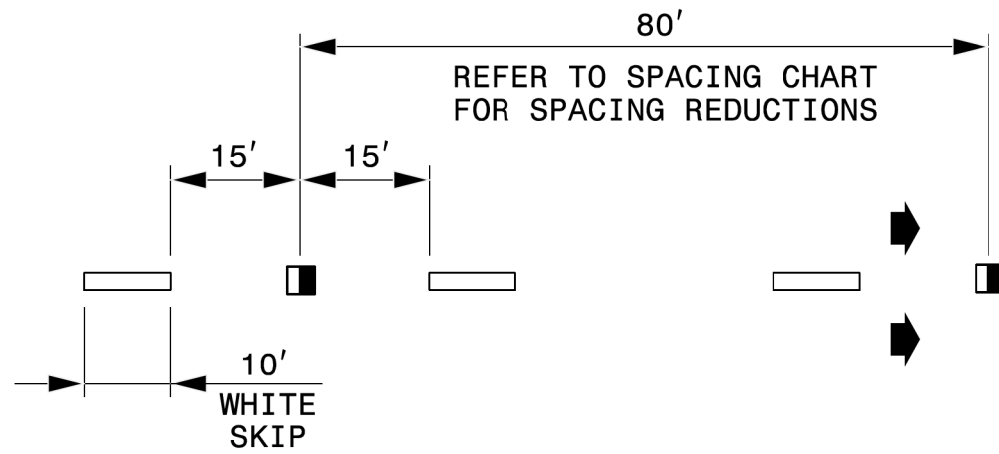
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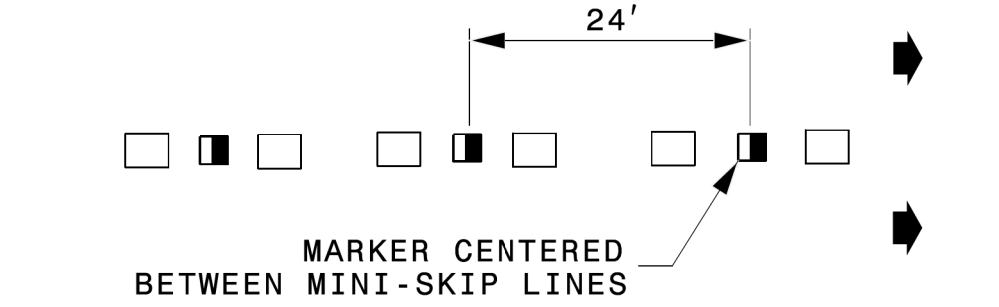
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10'-30'/SP SKIP LINE



3'-9'/SP MINI-SKIP LINE



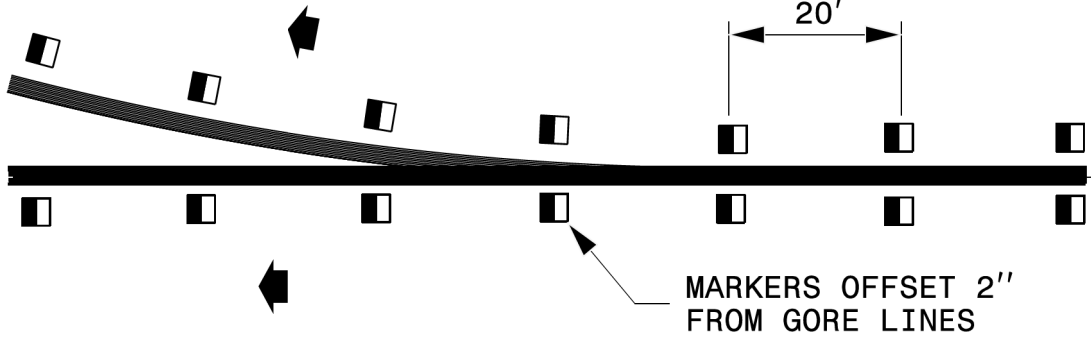
LEGEND

 CRYSTAL/RED PAVEMENT MARKER

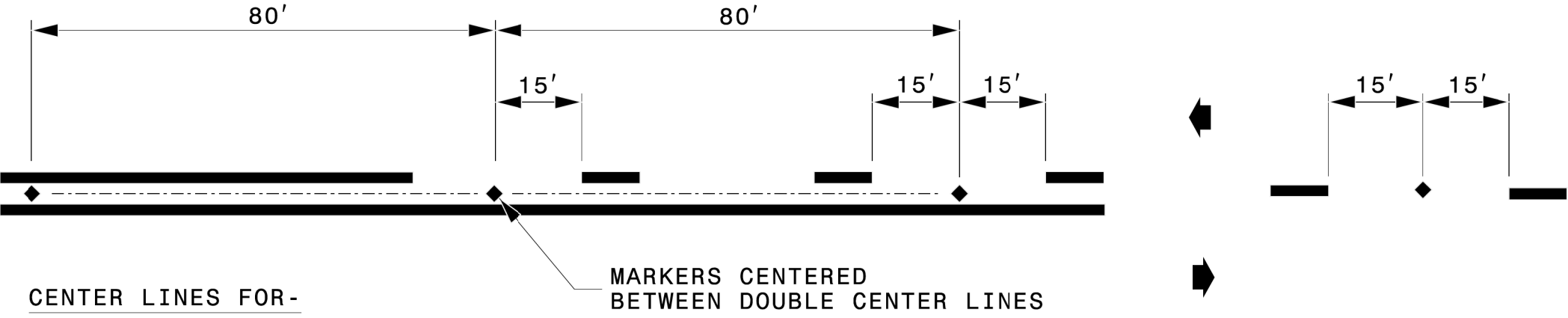
 YELLOW/YELLOW PAVEMENT MARKER

 DIRECTION OF TRAFFIC FLOW

GORE LINES



YELLOW CENTER LINES

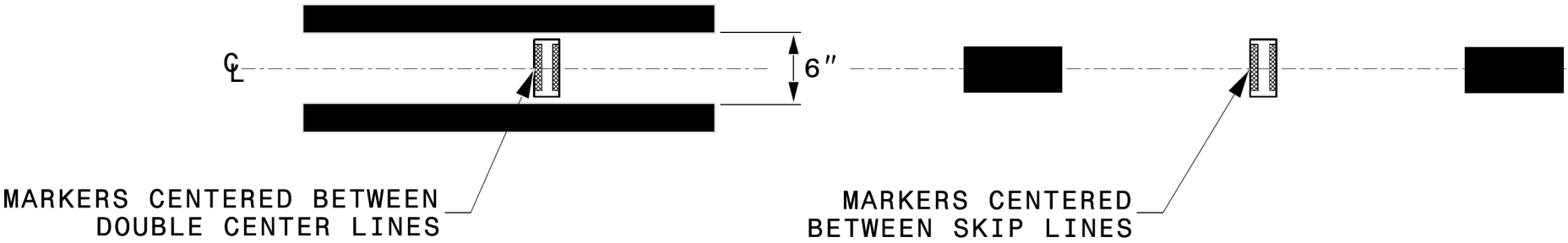


CENTER LINES FOR-

TWO-LANE, TWO-WAY ROADWAYS
UNDIVIDED ROADWAYS
TWO-WAY LEFT TURN LANES

DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



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

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CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

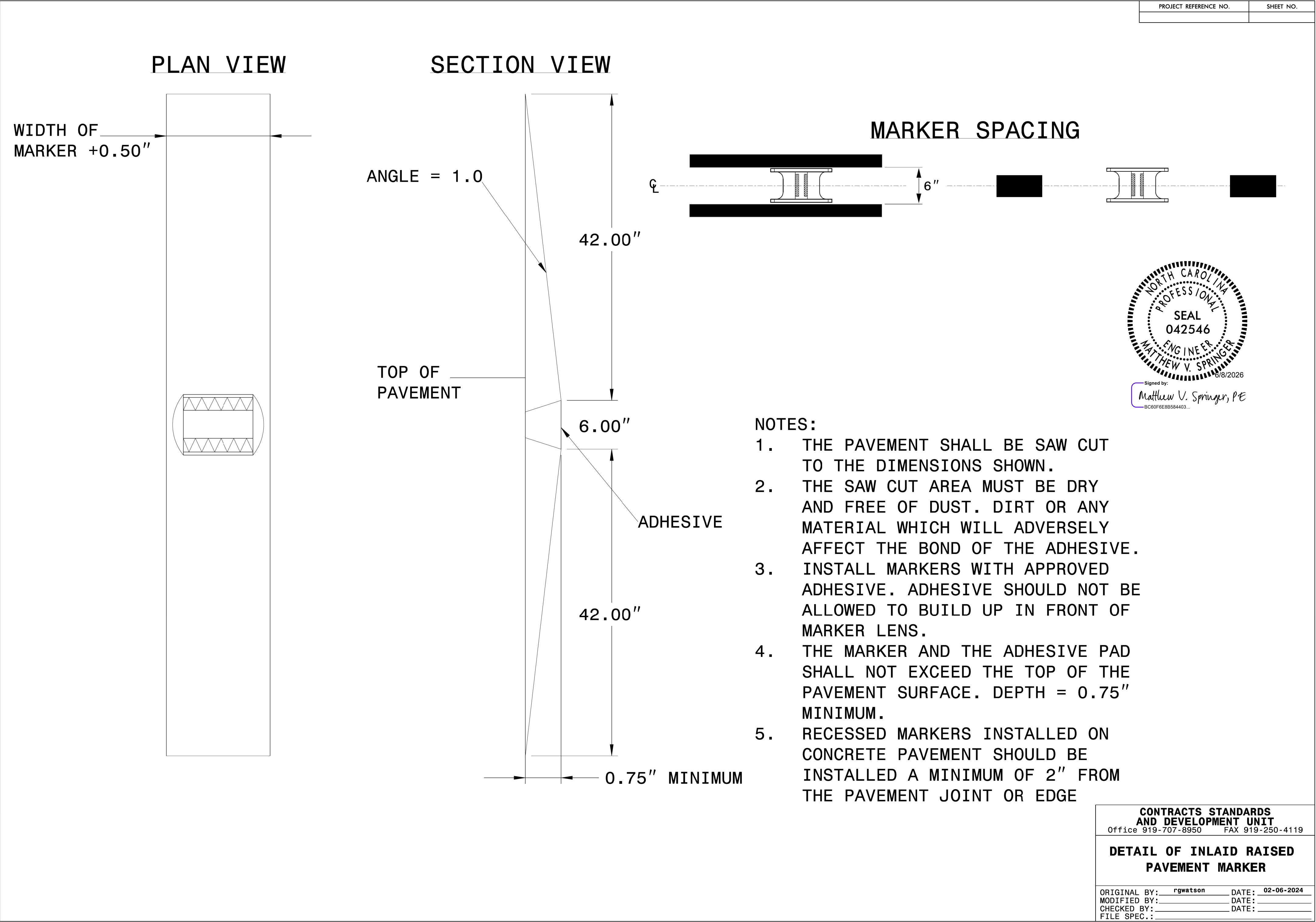


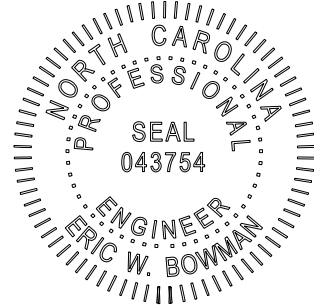
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Matthew V. Springer, P.E.
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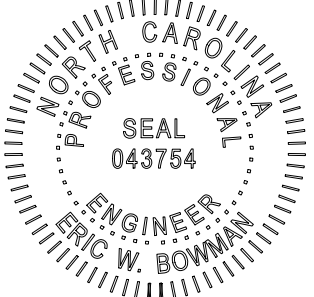
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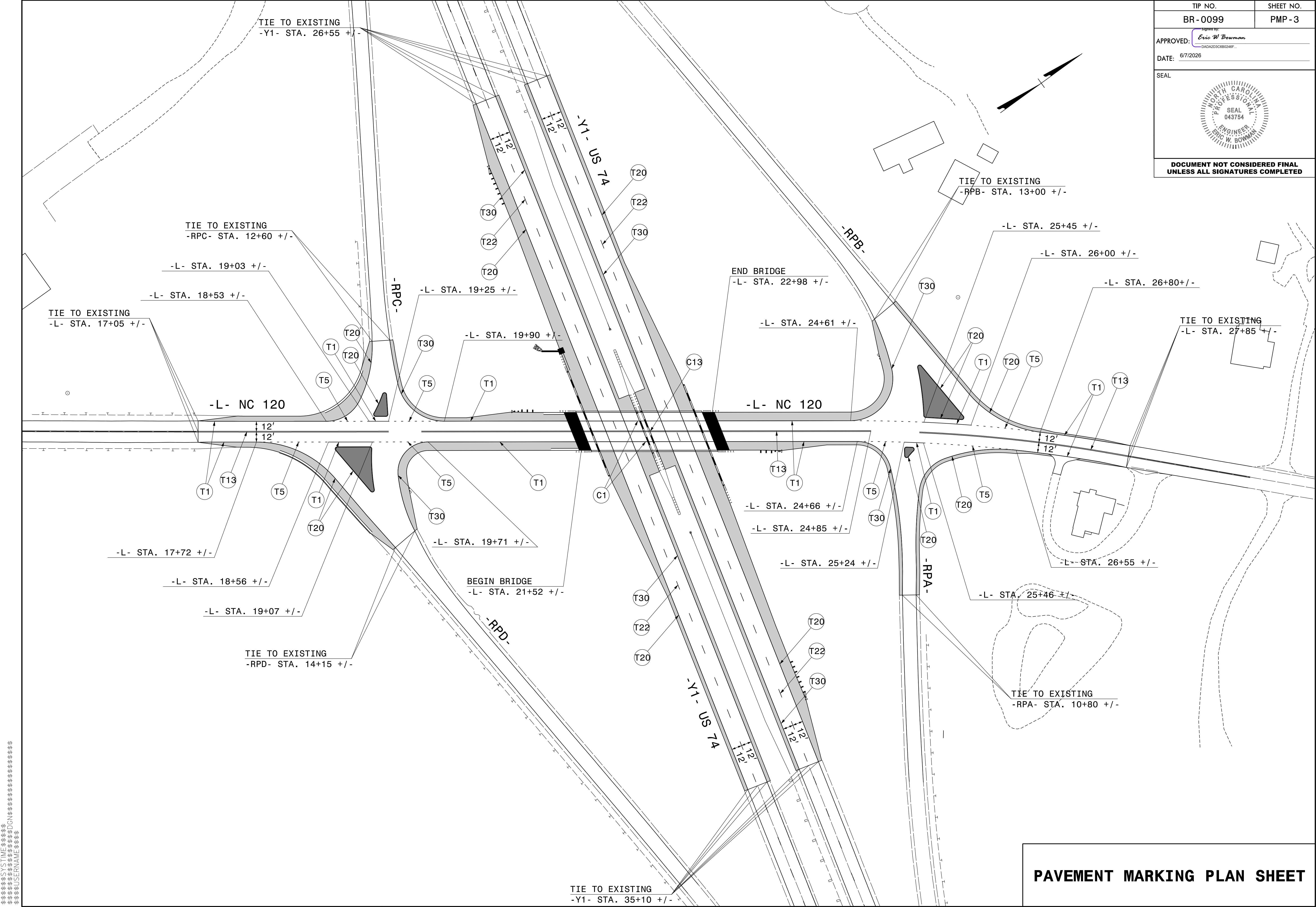
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T.I.P. BR-0099			
PAVEMENT MARKING SCHEDULE			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	THERMOPLASTIC (4", 90 MIL)		COLD APPLIED PLASTIC – TYPE II (4")
T1	WHITE EDGELINE	C1	WHITE EDGELINE
T5	2 FT. – 6 FT. WHITE MINISKIP	C13	YELLOW DOUBLE CENTER
T13	YELLOW DOUBLE CENTER		
	THERMOPLASTIC (6", 90 MIL)		
T20	WHITE EDGELINE		
T22	10 FT. WHITE SKIP		
T30	YELLOW EDGELINE		

TIP NO.	SHEET NO.
BR - 0099	PMP - 3
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PAVEMENT MARKING PLAN SHEET