

5/6/2025 10:7:48-00 15BPR-108 Johnston County Bridge Rehab\Signing and Delineation\Pavement Marking\Design\15BPR108.pm_title.dgn User:tygraves

T.I.P.: 15BPR-108

CONTRACT:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
JOHNSTON COUNTY

BRIDGE #500042 ON US 70 OVER I-95
BRIDGE #500608 ON SR 1923 OVER NEUSE RIVER

TIP NO.
15BPR - 108

SHEET NO.
PMP - 1

APPROVED:

DocuSigned by:
Tyson A. Graves
94C02A34C034F6

DATE: 5-6-2025

SEAL

SEAL
021080
ENGINEER
TYSON A. GRAVES

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-1A	RAISED PAVEMENT MARKERS - INSTALATION SPACING
PMP-2	BRIDGE 608 FINAL PAVEMENT MARKINGS
PMP-3	BRIDGE 42 FINAL PAVEMENT MARKINGS

PAVEMENT MARKING SCHEDULE

INTEGRATED MULTIPOLYMER	
IM1	WHITE EDGELINE (4", 90 MIL)
IM3	10 FT. WHITE SKIP (4", 90 MIL)
IM4	3 FT.-9 FT./SP WHITE MINISKIP (4", 90 MIL)
IM10	YELLOW EDGELINE (4", 90 MIL)
IM13	YELLOW DOUBLE CENTER (4", 90 MIL)
MARKERS	
PERMANENT RAISED MARKERS	
MB	CRYSTAL & RED

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
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALATION AND SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

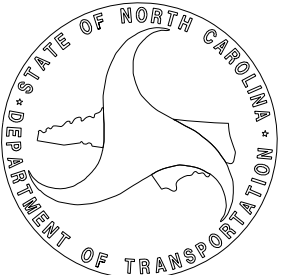
GENERAL NOTES

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 |
|---------------------|-------------------------|------------------|
| US 70 (BRIDGE DECK) | INTEGRATED MULTIPOLYMER | PERMANENT RAISED |
| SR 1923 | INTEGRATED MULTIPOLYMER | 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 INTEGRATED MULTIPOLYMER PAVEMENT MARKING MATERIAL.

PLAN SUBMITTED TO:

Mitch Eaton, PE	Signing and Delineation Regional Engineer
Stacey Johns	Project Design Engineer



PLAN PREPARED BY: ms consultants, inc.

Tyson A. Graves, PE	Project Engineer
Cassidy Mengelkamp	Project Design Engineer



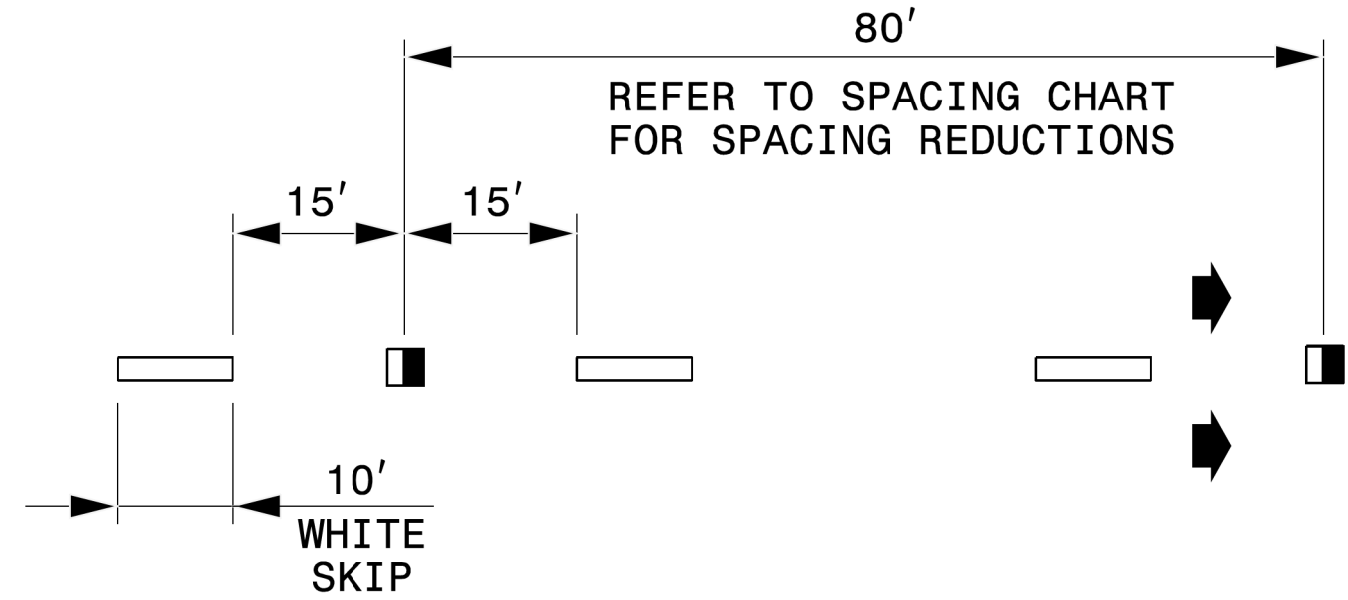
ms consultants, inc.
5444 Wake Park Blvd.
Suite 160
Raleigh, NC 27607
NC License Number : C-3239

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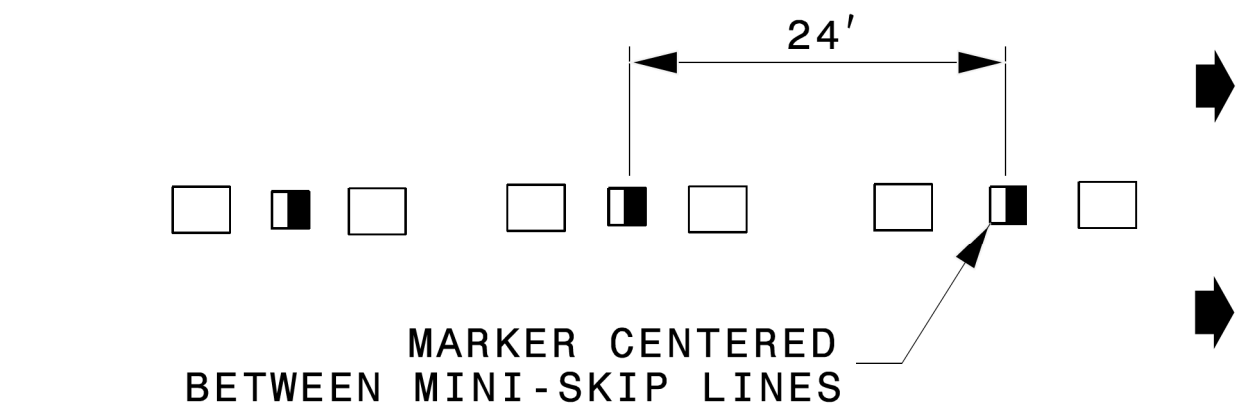
CONTRACT:

T.I.P.: 15BPR-108

10'-30'/SP SKIP LINE



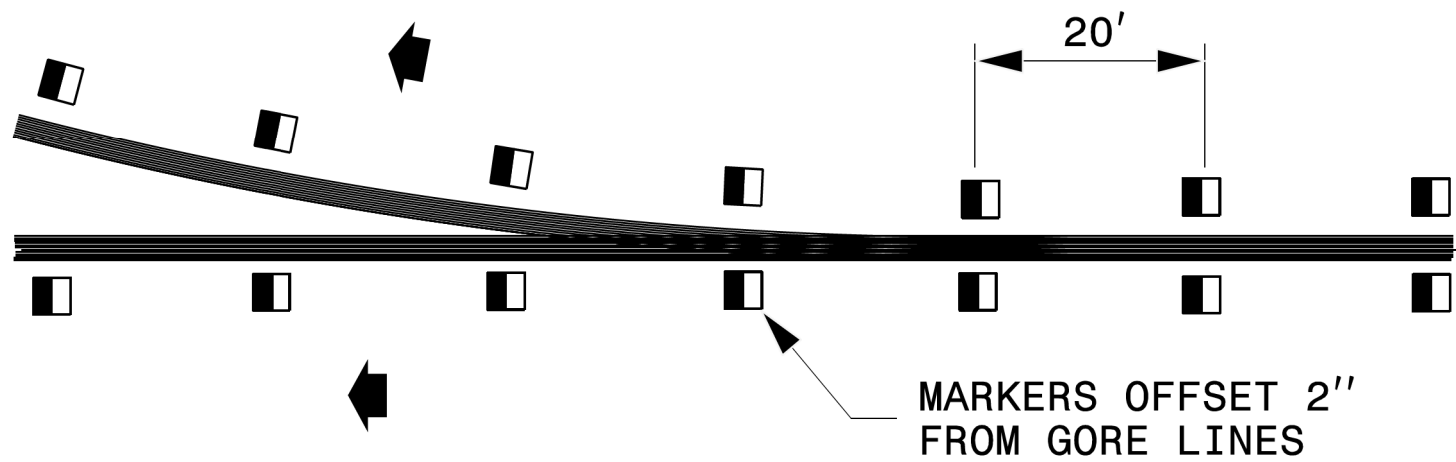
3'-9'/SP MINI-SKIP LINE



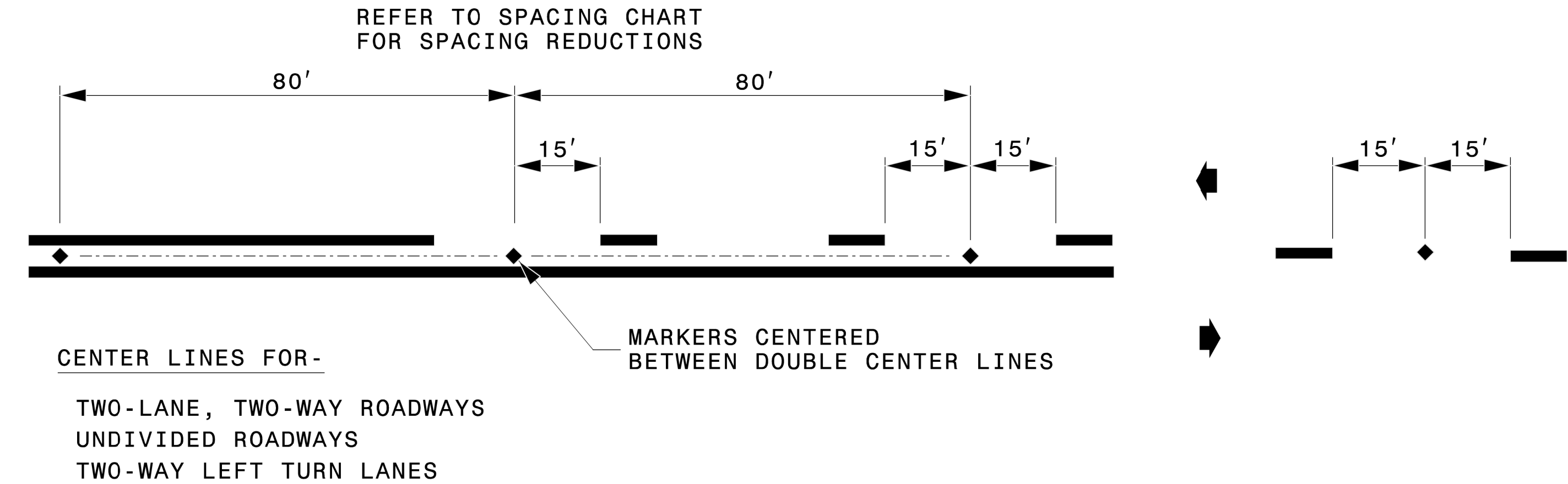
LEGEND

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

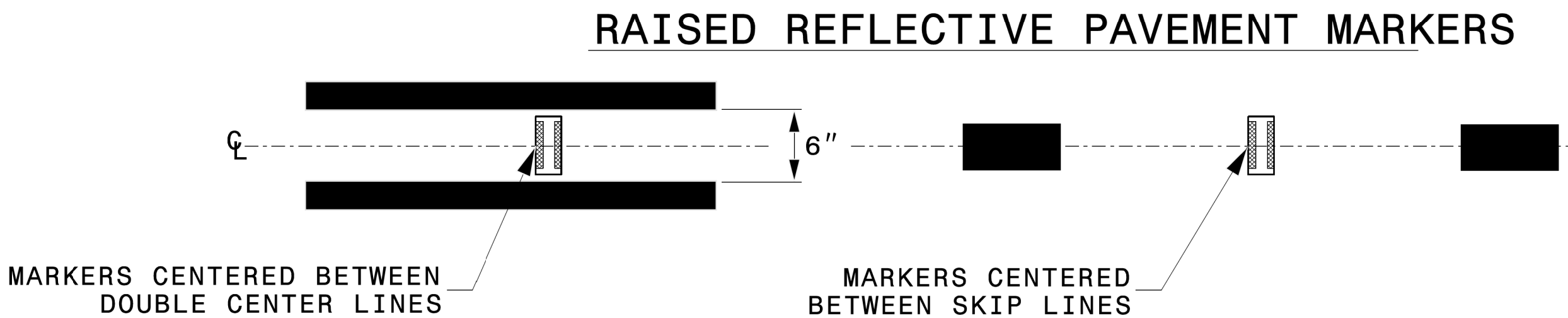
GORE LINES



YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT



ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

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

SHEET 2 OF 3
1250D01

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

SEE TITLE BLOCK

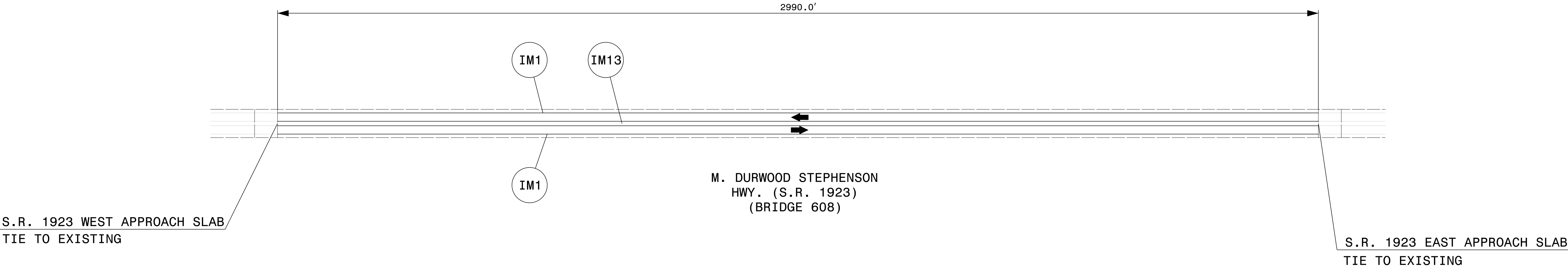
ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: DATE:



Designed by:
Matthew V. Springer, PE
042546

4/21/2025

PROJ. REFERENCE NO.	SHEET NO.
15BPR-108	PMP - 2



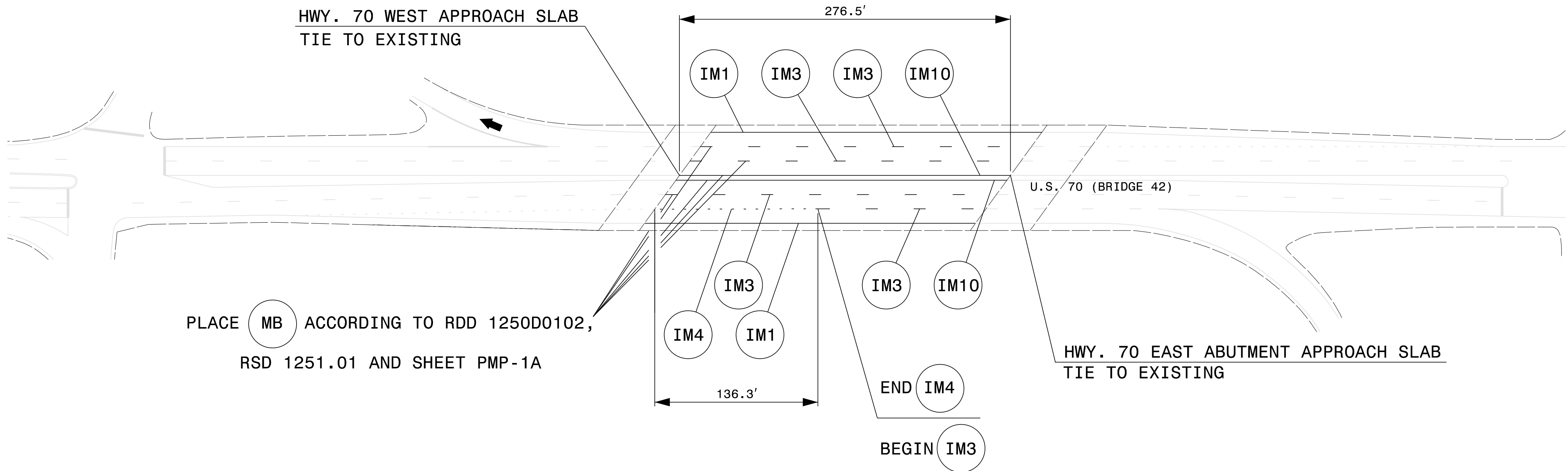
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PROJ. REFERENCE NO.	SHEET NO.
15BPR-108	PMP - 3



4/15/2025
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