

T.I.P.: I-5898

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
ROCKINGHAM COUNTY

LOCATION: FUTURE I-73 /US 220 AT US 311 /NC 135 INTERCHANGE

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
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMPs
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
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
ANY ROAD, ANY RAMP	POLYUREA	POLYCARBONATE H-SHAPED

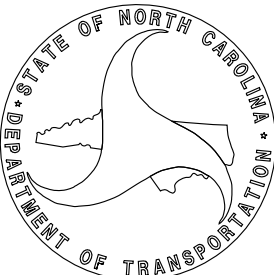
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS
DIRECTED BY THE ENGINEER.
- E) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD
DRAWING 1250.01.

INDEX

SHEET NO.	DESCRIPTION
PMP-1-1A	TITLE SHEET & SPECIAL DETAIL
PMP-2	PAVEMENT MARKING SCHEDULE AND LEGEND
PMP-3-7	PAVEMENT MARKING PLAN SHEETS

PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

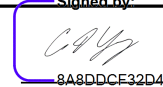
Kelvin L. Jordan DIVISON PROJECT ENGINEER

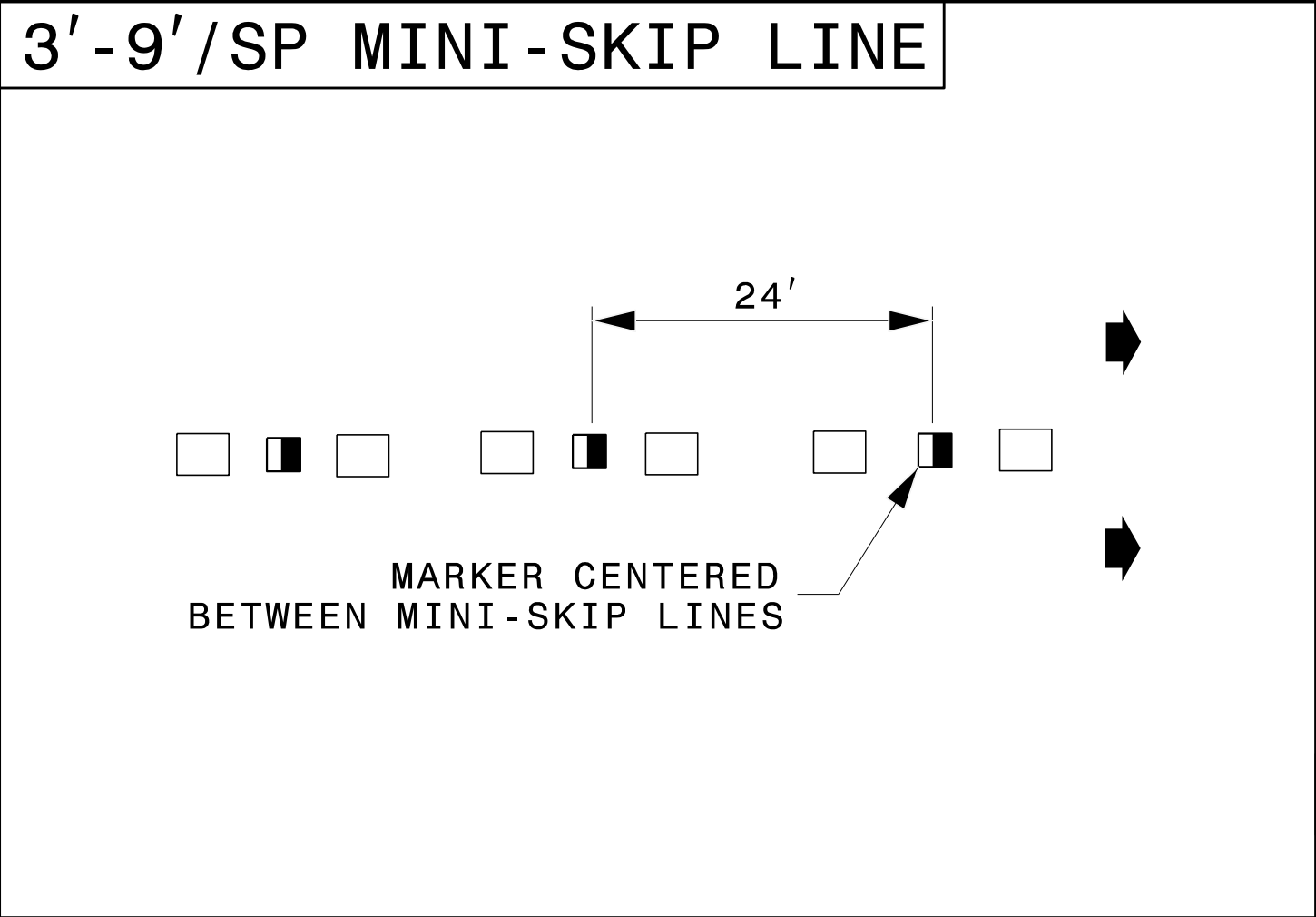
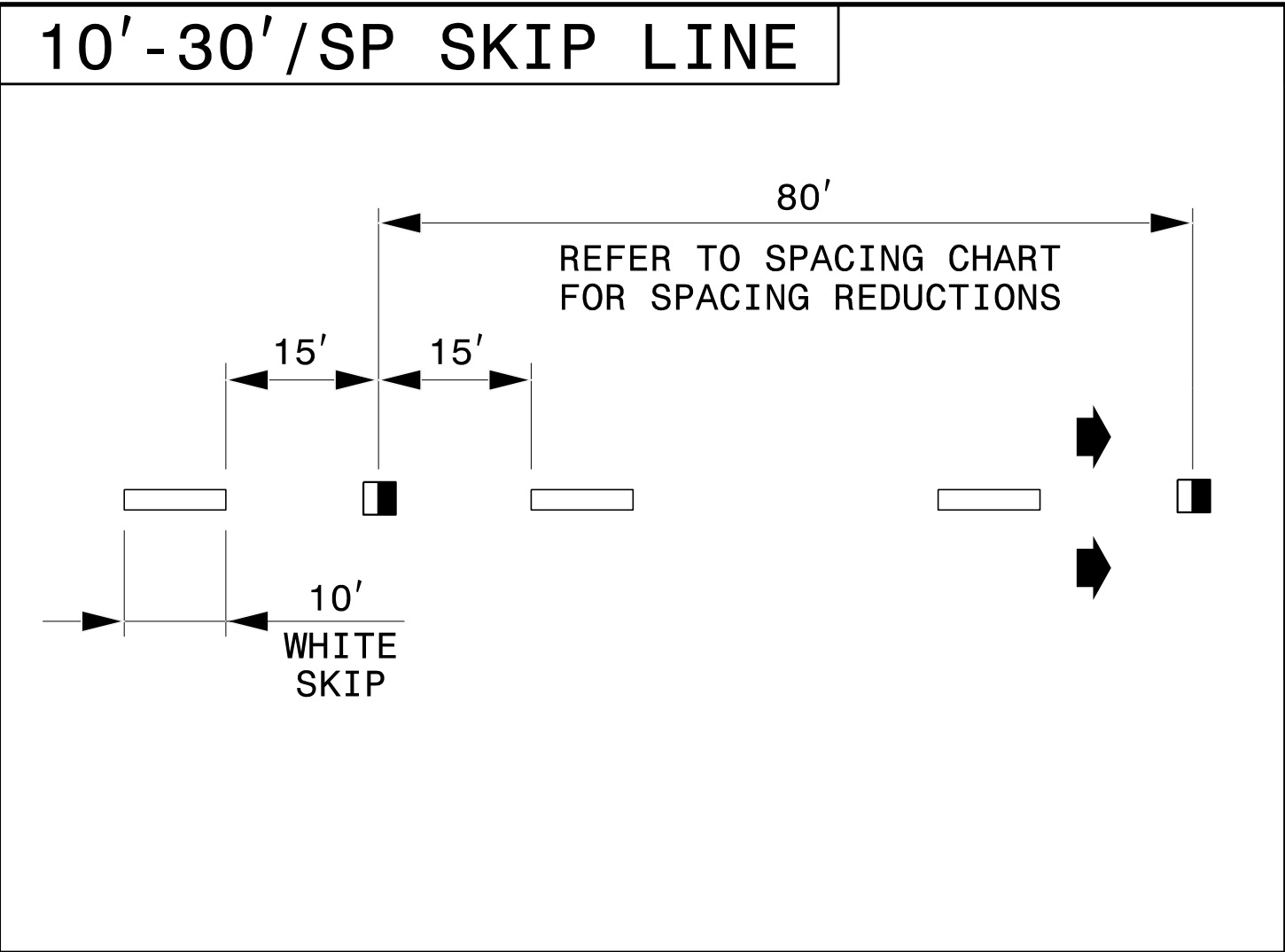


PLAN PREPARED BY: JOHNSON, MIRMIRAN, & THOMPSON, INC.

Charles Young, PE Project Engineer
Colton M. Riddle, PE Project Design Engineer

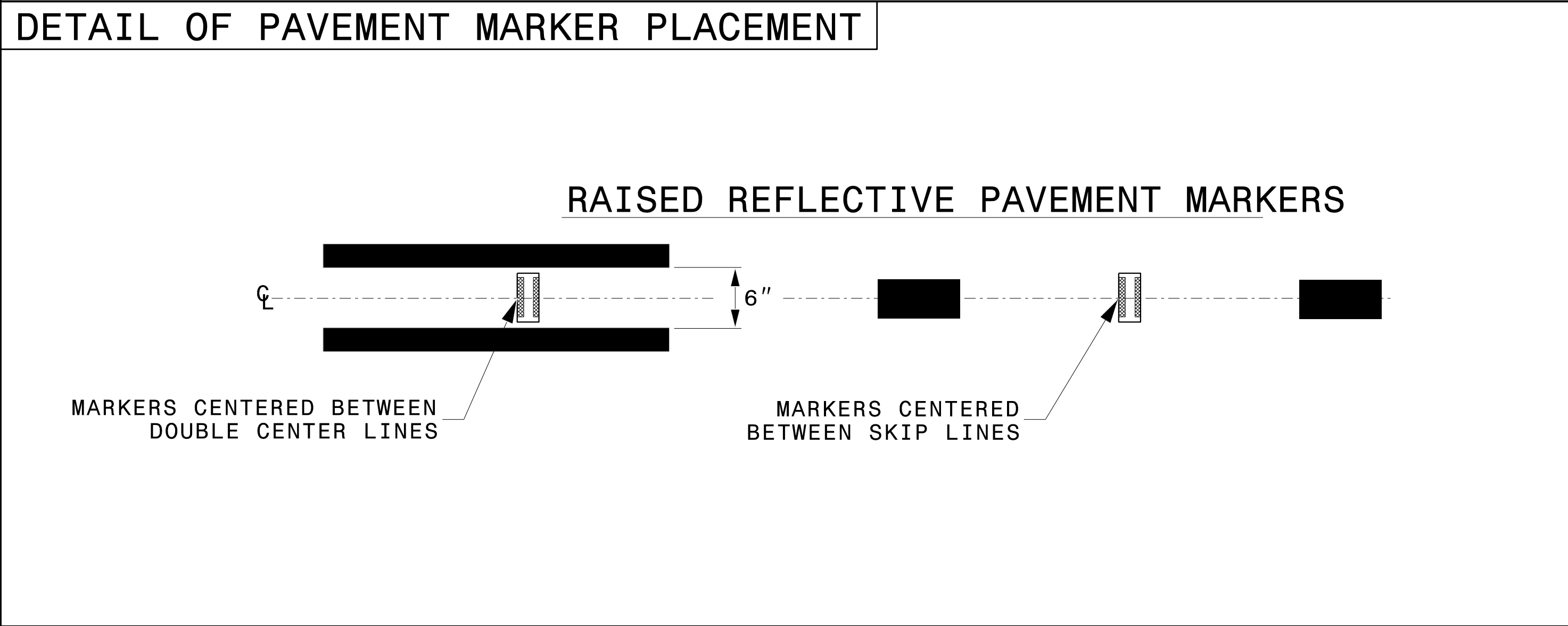
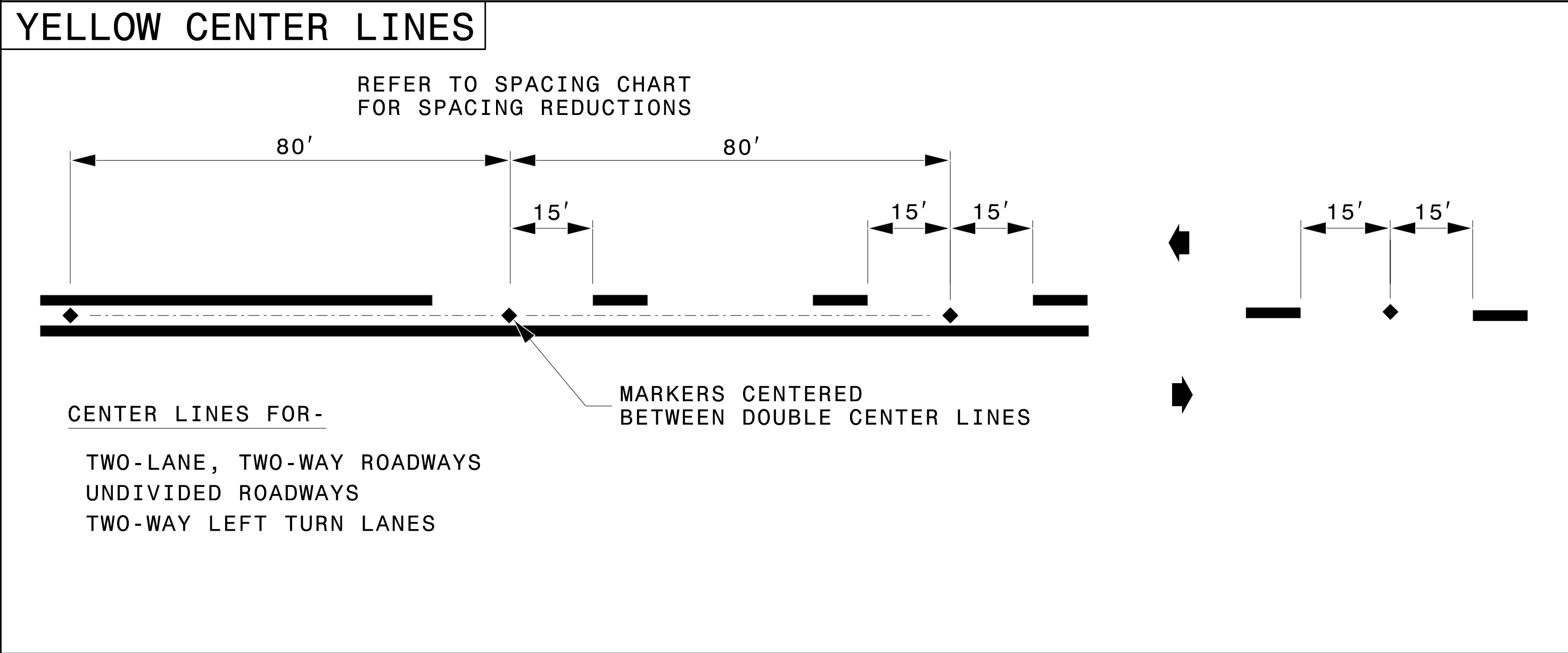
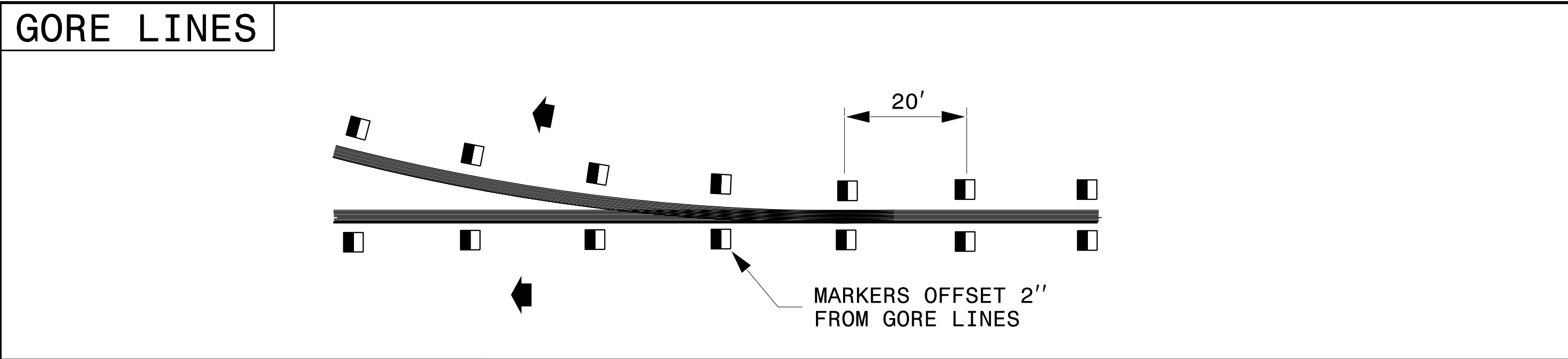


TIP NO.	SHEET NO.
I-5898	PMP-1
APPROVED: 	
DATE: 10/20/2025	
SEAL 	



LEGEND

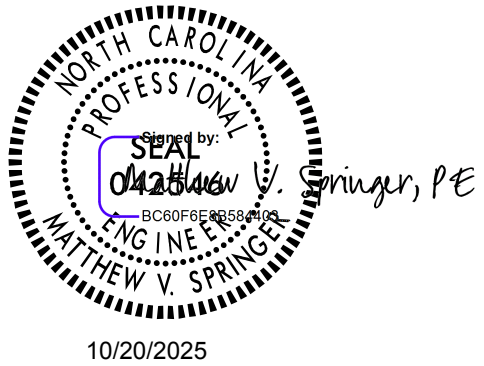
- CRYSTAL/RED PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- DIRECTION OF TRAFFIC FLOW



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



**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.
I-5898

SHEET NO.
PMP-2

Signed by:

6480DCFB32044421...

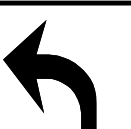
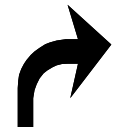
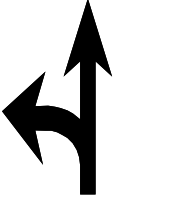
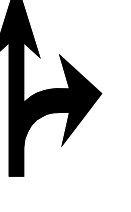
APPROVED:

DATE: 10/20/2025

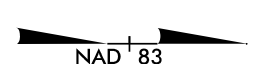
SEAL



FINAL PAVEMENT MARKING SCHEDULE		
MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
POLYUREA (4", 30 MILS)		
	W1	WHITE EDGELINE
	W2	WHITE SOLID LANE LINE
	W3	10 FT WHITE SKIP
	W4	3 FT - 9 FT/SP WHITE MINISKIP
	W5	2 FT - 6 FT/SP WHITE MINISKIP
	W10	YELLOW EDGELINE
	W13	YELLOW DOUBLE CENTER
POLYUREA (6", 30 MILS)		
	W20	WHITE EDGLINE
	W21	WHITE SOLID LANE LINE
	W23	3 FT - 9 FT/SP WHITE MINISKIP
	W30	YELLOW EDGELINE
POLYUREA (8", 30 MILS)		
	W40	WHITE GORELINE
	W43	WHITE SOLID LANE LINE
	W44	3 FT - 9 FT/SP WHITE MINISKIP
COLD APPLIED PLASTICS (8")		
	C41	WHITE DIAGONAL
	C42	YELLOW DIAGONAL
	C46	WHITE CROSSWALK LINE
COLD APPLIED PLASTICS (24")		
	C61	WHITE STOPBAR
	C62	WHITE CROSSWALK LINE
COLD APPLIED PLASTICS SYMBOL		
	C70	LEFT TURN ARROW
	C71	RIGHT TURN ARROW
	C72	STRAIGHT ARROW
	C73	COMBO. LEFT/STRAIGHT ARROW
	C74	COMBO. RIGHT/STRAIGHT ARROW
	C79	MERGE ARROW
	C100	ALPHANUMERIC CHAR.
POLYCARBONATE H-SHAPED PAVEMENT MARKERS		
PERMANENT RAISED		
	ME	YELLOW & YELLOW
	MF	CRYSTAL & RED

PAVEMENT MARKING SYMBOLS	
	C70
	C71
	C72
	C73
	C74
	C79
	C100
	C100

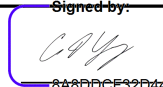
RAMP TYPES AND LOCATIONS		
ID	TYPE	LOCATION
1	STD. 848.06	-Y- STA. 110+24 +/-
2	STD. 848.06	-Y- STA. 110+85 +/-
3	STD. 848.06 - TYPE 3	-RPA- STA. 17+39 +/-
4	STD. 848.06 - TYPE 7	-RPA- STA. 17+43 +/-
5	STD. 848.06 - 3 MODIFIED	-RPA- STA. 17+12 +/-
6	STD. 848.06 - 3 MODIFIED	-RPD- STA. 20+94 +/-
7	STD. 848.06 - TYPE 3	-RPD- STA. 20+78 +/-
8	STD. 848.06	-Y- STA. 126+22 +/-
9	STD. 848.06 - TYPE 6	-Y- STA. 126+51 +/-
10	STD. 848.06	-Y- STA. 126+79 +/-
11	STD. 848.06	-Y3- STA. 12+54 +/-
12	STD. 848.06	-Y3- STA. 12+63 +/-

LEGEND	
GENERAL	
	NORTH ARROW
	EXISTING PAVEMENT
	PROPOSED PAVEMENT
PAVEMENT MARKINGS	
	PROPOSED LINES
PAVEMENT MARKING SYMBOLS	
	PAVEMENT MARKING SYMBOLS

★ PROPOSED SIGNALIZED INTERSECTION

TIP NO.
I-5898

SHEET NO.
PMP-3

APPROVED: 
848DDCF32D44421...

DATE: 10/20/2025

SEAL



BEGIN PROJECT TIP I-5898
-Y- NC 135 STA. 106+00.00
TIE TO EXISTING
PAVEMENT MARKINGS

100

105

TIE TO EXISTING
PAVEMENT MARKINGS

OLMSTEAD
HIGH SCHOOL

MATCH LINE -Y- STA. 113+00.00 SEE SHEET PMP-4

PAVEMENT
MARKING SCHEDULE

SYMBOL	DESCRIPTION
W1	WHITE EDGLINE (4", 30 MIL)
W2	WHITE SOLID LANE LINE (4", 30 MIL)
W3	10 FT. WHITE SKIP (4", 30 MIL)
W4	3 FT - 9 FT/SP WHITE MINISKIP (4", 30 MIL)
W5	2 FT. - 6 FT./SP WHITE MINISKIP (4", 30 MIL)
W10	YELLOW EDGLINE (4", 30 MIL)
W13	YELLOW DOUBLE CENTER (4", 30 MIL)
W20	WHITE EDGLINE (6", 30 MIL)
W21	WHITE SOLID LANE LINE (6", 30 MIL)
W23	3 FT - 9 FT/SP WHITE MINISKIP (6", 30 MIL)
W30	YELLOW EDGLINE (6", 30 MIL)
W40	WHITE GORELINE (8", 30 MIL)
W43	WHITE SOLID LANE LINE (8", 30 MIL)
W44	3 FT - 9 FT/SP WHITE MINISKIP (8", 30 MIL)
C41	WHITE DIAGONAL (8")
C42	YELLOW DIAGONAL (8")
C46	WHITE CROSSWALK LINE (8")
C61	WHITE STOPBAR (24")
C62	WHITE CROSSWALK LINE (24")
C70	LEFT TURN ARROW
C71	RIGHT TURN ARROW
C72	STRAIGHT ARROW
C73	COMBO. LEFT/STRAIGHT ARROW
C74	COMBO. RIGHT/STRAIGHT ARROW
C79	MERGE ARROW
C80	WRONG WAY RAMP ARROW
C100	ALPHANUMERIC CHAR.
ME	POLYCARBONATE H-SHAPED PAVEMENT MARKER, YELLOW & YELLOW
MF	POLYCARBONATE H-SHAPED PAVEMENT MARKER, CRYSTAL & RED

-Y2- POT. STA. 11+25.00
TIE TO EXISTING
PAVEMENT MARKINGS

-Y2- STA. 10+56+/-

-Y- STA. 110+99+/-

-Y- STA. 111+09+/-

-Y- STA. 112+65+/-

-Y- NC 135

-Y- STA. 111+11+/-

-Y2- STA. 10+39+/-

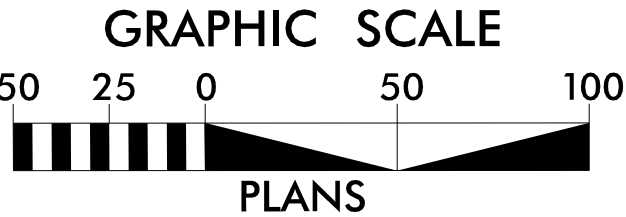
-Y- STA. 107+30+/-

-Y- STA. 109+86+/-

-Y- STA. 109+80+/-

-Y- STA. 107+42+/-

-Y- STA. 106+46+/-

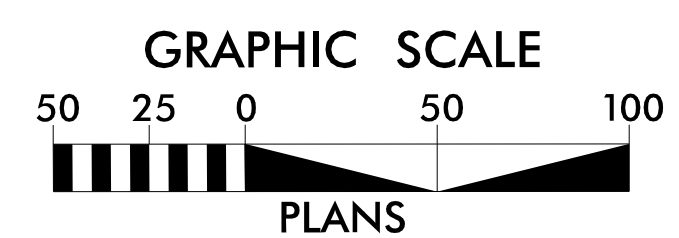
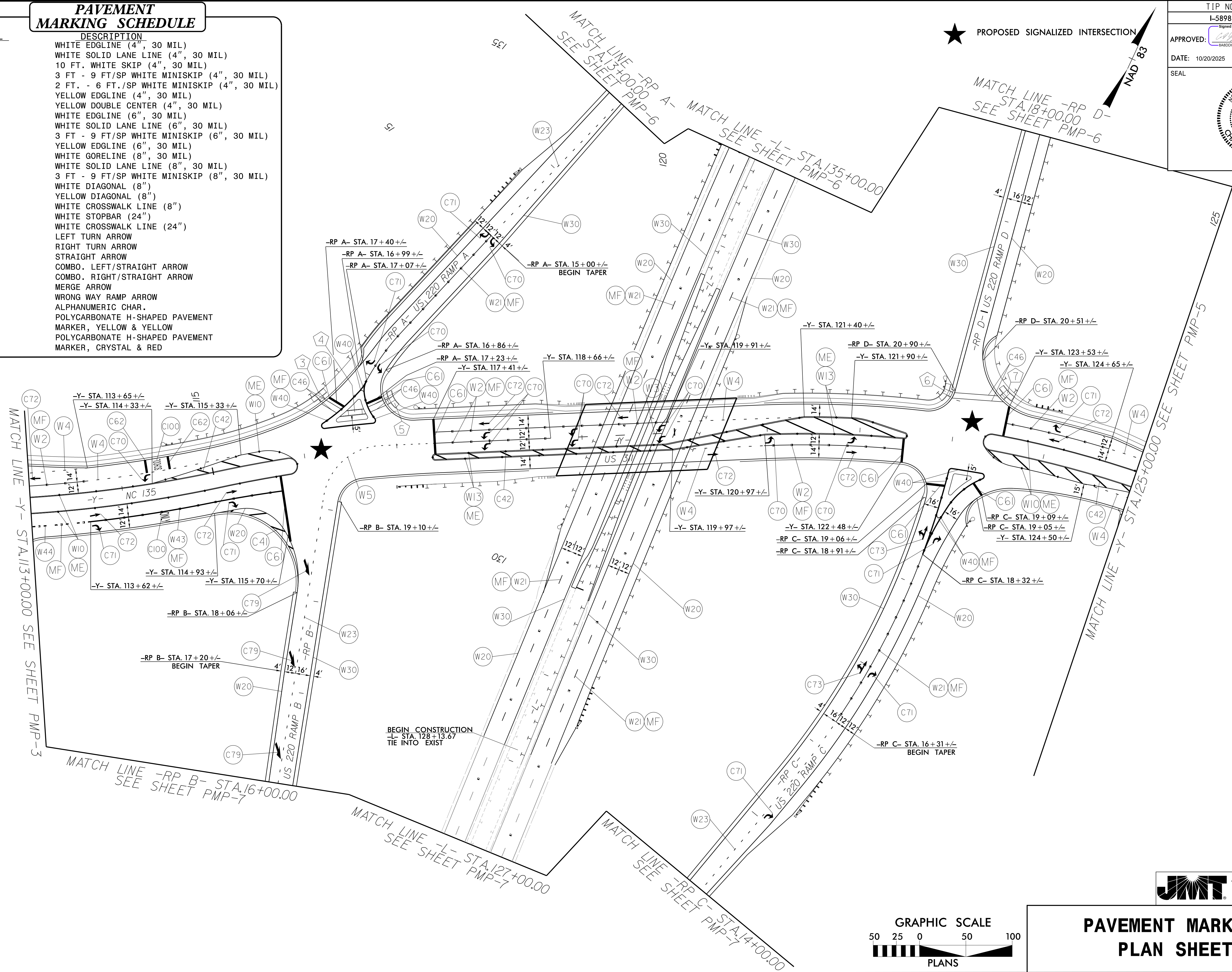


PAVEMENT MARKING
PLAN SHEET



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Raleigh, NC, 27606
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PAVEMENT MARKING SCHEDULE	
SYMBOL	DESCRIPTION
W1	WHITE EDGLINE (4", 30 MIL)
W2	WHITE SOLID LANE LINE (4", 30 MIL)
W3	10 FT. WHITE SKIP (4", 30 MIL)
W4	3 FT - 9 FT/SP WHITE MINISKIP (4", 30 MIL)
W5	2 FT. - 6 FT./SP WHITE MINISKIP (4", 30 MIL)
W10	YELLOW EDGLINE (4", 30 MIL)
W13	YELLOW DOUBLE CENTER (4", 30 MIL)
W20	WHITE EDGLINE (6", 30 MIL)
W21	WHITE SOLID LANE LINE (6", 30 MIL)
W23	3 FT - 9 FT/SP WHITE MINISKIP (6", 30 MIL)
W30	YELLOW EDGLINE (6", 30 MIL)
W40	WHITE GORELINE (8", 30 MIL)
W43	WHITE SOLID LANE LINE (8", 30 MIL)
W44	3 FT - 9 FT/SP WHITE MINISKIP (8", 30 MIL)
C41	WHITE DIAGONAL (8")
C42	YELLOW DIAGONAL (8")
C46	WHITE CROSSWALK LINE (8")
C61	WHITE STOPBAR (24")
C62	WHITE CROSSWALK LINE (24")
C70	LEFT TURN ARROW
C71	RIGHT TURN ARROW
C72	STRAIGHT ARROW
C73	COMBO. LEFT/STRAIGHT ARROW
C74	COMBO. RIGHT/STRAIGHT ARROW
C79	MERGE ARROW
C80	WRONG WAY RAMP ARROW
C100	ALPHANUMERIC CHAR.
ME	POLYCARBONATE H-SHAPED PAVEMENT MARKER, YELLOW & YELLOW
MF	POLYCARBONATE H-SHAPED PAVEMENT MARKER, CRYSTAL & RED



★ PROPOSED SIGNALIZED INTERSECTION

TIP NO.
I-5898

SHEET NO.
PMP-5

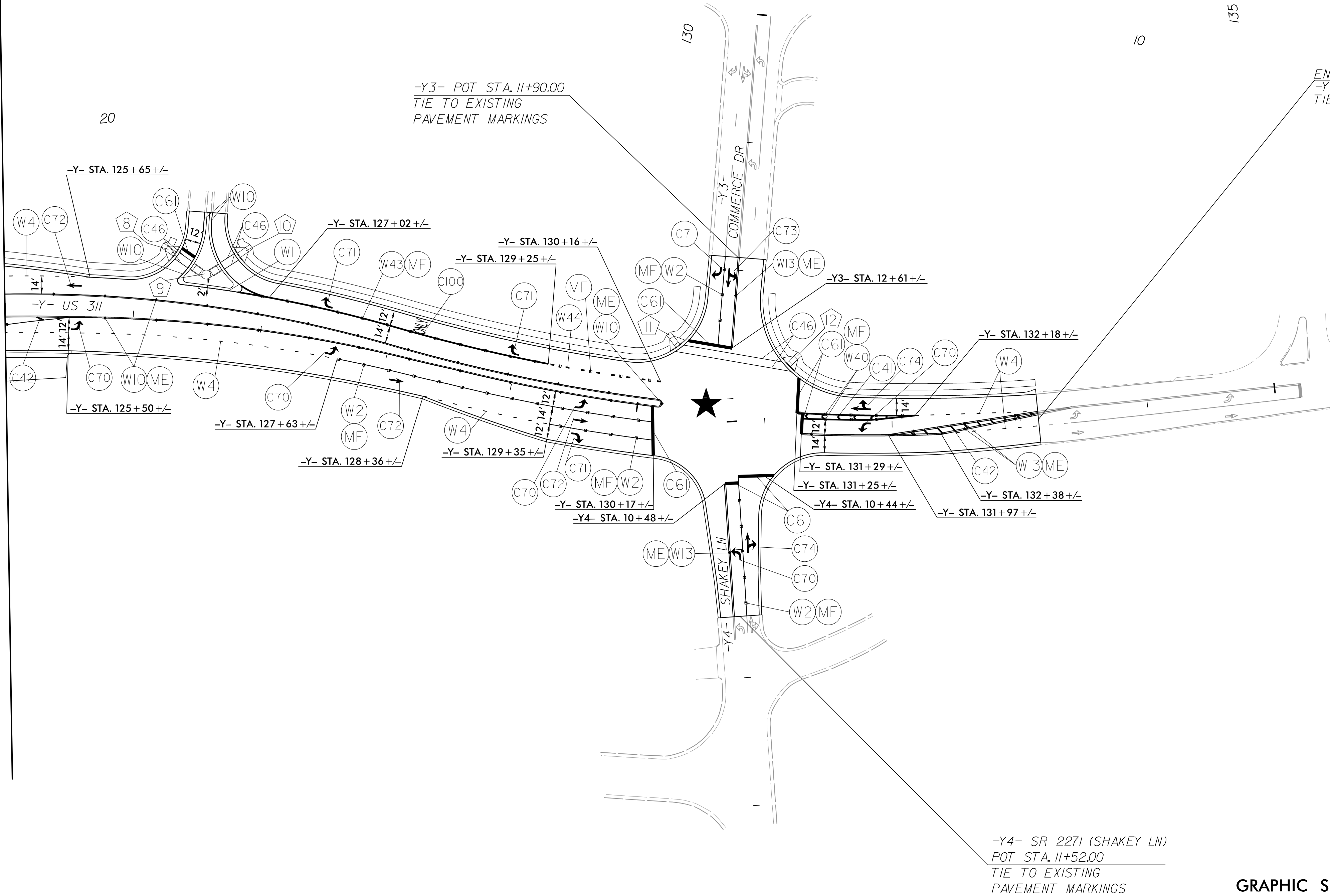
APPROVED: 
BARDCCP32044421

DATE: 10/20/2025

SEAL



MATCH LINE STA. 125+00.00 SEE SHEET PMP-4



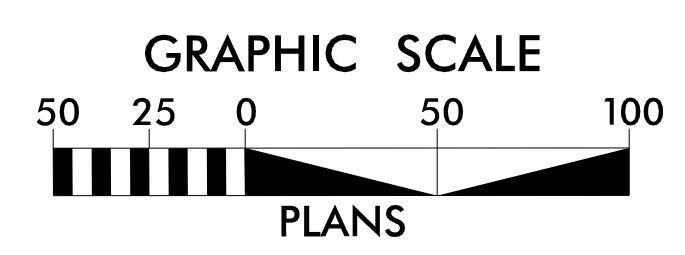
END PROJECT TIP I-5898
-Y- US 311/ NC 135 POC STA. 133+15.00
TIE TO EXISTING PAVEMENT MARKINGS

-Y4- SR 2271 (SHAKEY LN)
POT STA. 11+52.00
TIE TO EXISTING
PAVEMENT MARKINGS

**PAVEMENT
MARKING SCHEDULE**

SYMBOL	DESCRIPTION
W1	WHITE EDGLINE (4", 30 MIL)
W2	WHITE SOLID LANE LINE (4", 30 MIL)
W3	10 FT. WHITE SKIP (4", 30 MIL)
W4	3 FT - 9 FT/SP WHITE MINISKIP (4", 30 MIL)
W5	2 FT. - 6 FT./SP WHITE MINISKIP (4", 30 MIL)
W10	YELLOW EDGLINE (4", 30 MIL)
W13	YELLOW DOUBLE CENTER (4", 30 MIL)
W20	WHITE EDGLINE (6", 30 MIL)
W21	WHITE SOLID LANE LINE (6", 30 MIL)
W23	3 FT - 9 FT/SP WHITE MINISKIP (6", 30 MIL)
W30	YELLOW EDGLINE (6", 30 MIL)
W40	WHITE GORELINE (8", 30 MIL)
W43	WHITE SOLID LANE LINE (8", 30 MIL)
W44	3 FT - 9 FT/SP WHITE MINISKIP (8", 30 MIL)
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ME	POLYCARBONATE H-SHAPED PAVEMENT MARKER, YELLOW & YELLOW
MF	POLYCARBONATE H-SHAPED PAVEMENT MARKER, CRYSTAL & RED

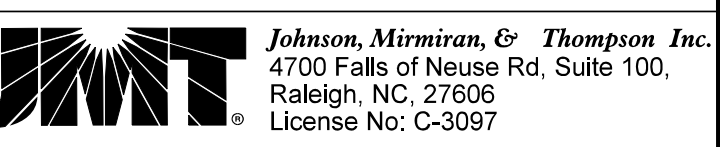
**PAVEMENT MARKING
PLAN SHEET**



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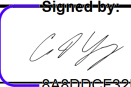


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Raleigh, NC, 27606
License No: C-3097



TIP NO.
I-5898

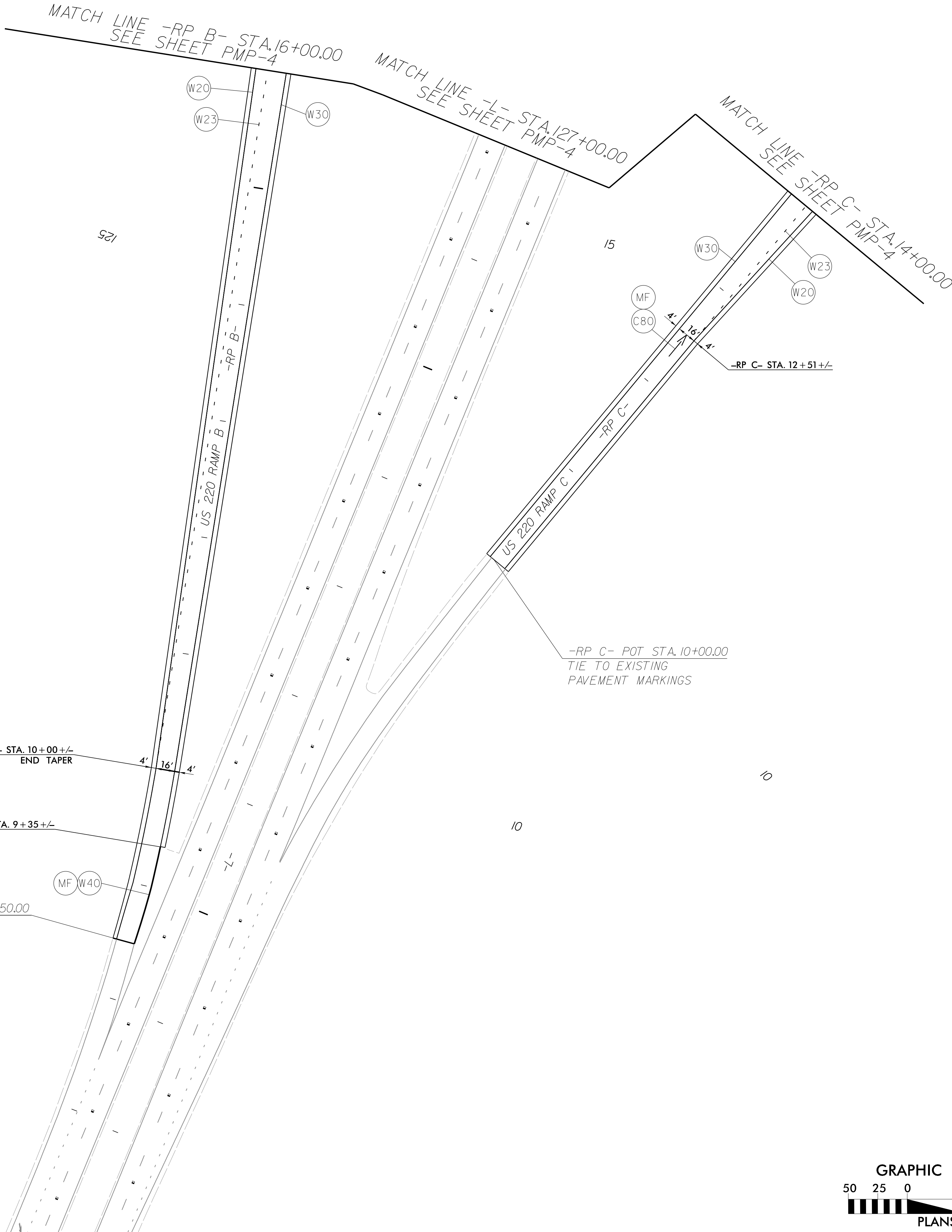
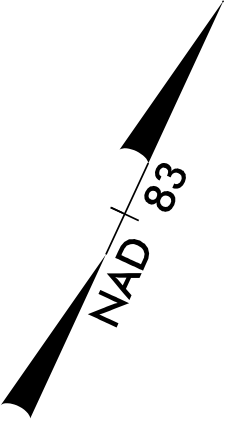
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PMP-7

APPROVED: 

DATE: 10/20/2025

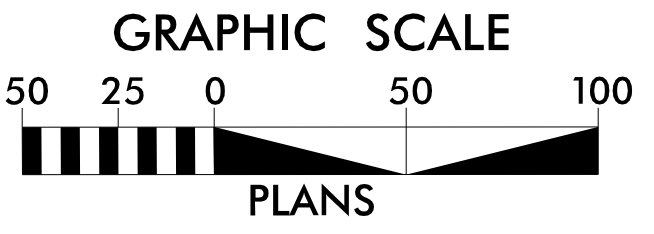
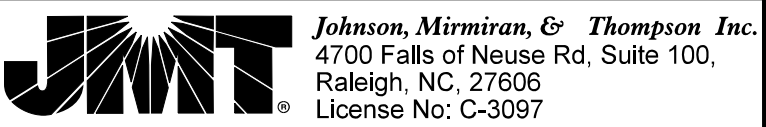
SEAL





PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
W1	WHITE EDGLINE (4", 30 MIL)
W2	WHITE SOLID LANE LINE (4", 30 MIL)
W3	10 FT. WHITE SKIP (4", 30 MIL)
W4	3 FT - 9 FT/SP WHITE MINISKIP (4", 30 MIL)
W5	2 FT. - 6 FT./SP WHITE MINISKIP (4", 30 MIL)
W10	YELLOW EDGLINE (4", 30 MIL)
W13	YELLOW DOUBLE CENTER (4", 30 MIL)
W20	WHITE EDGLINE (6", 30 MIL)
W21	WHITE SOLID LANE LINE (6", 30 MIL)
W23	3 FT - 9 FT/SP WHITE MINISKIP (6", 30 MIL)
W30	YELLOW EDGLINE (6", 30 MIL)
W40	WHITE GORELINE (8", 30 MIL)
W43	WHITE SOLID LANE LINE (8", 30 MIL)
W44	3 FT - 9 FT/SP WHITE MINISKIP (8", 30 MIL)
C41	WHITE DIAGONAL (8")
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C73	COMBO. LEFT/STRAIGHT ARROW
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ME	POLYCARBONATE H-SHAPED PAVEMENT MARKER, YELLOW & YELLOW
MF	POLYCARBONATE H-SHAPED PAVEMENT MARKER, CRYSTAL & RED



PAVEMENT MARKING PLAN SHEET

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