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PROJECT: NC 9 SITES 330 THRU 334 & 560

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
HENDERSON COUNTY

LOCATION: NC 9 FROM 2700’ NORTH OF THE US 74 ALT /NC 9 INTERSECTION TO THE BUNCOMBE COUNTY LINE

ROADWAY STANDARD DRAWINGS

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 & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING (EXCEPT SHEET 2 OF 3)
1261.01	GUARDRAIL & BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL & BARRIER DELINEATORS - TYPES & 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 ROADS | THERMOPLASTIC | 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) 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.

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM
T1	WHITE EDGELINE	(4", 90 MILS) THERMOPLASTIC
T5	2 FT-6 FT/SP WHITE MINISKIP	(4", 90 MILS) THERMOPLASTIC
T13	YELLOW DOUBLE CENTER	(4", 90 MILS) THERMOPLASTIC
T41	WHITE DIAGONAL	(8", 90 MILS) THERMOPLASTIC
T51	WHITE DIAGONAL	(12", 90 MILS) THERMOPLASTIC
T61	WHITE STOPBAR	(24", 90 MILS) THERMOPLASTIC
ME	SNOWPLOWABLE MARKER	YELLOW & YELLOW

TOTAL SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....	28,325	LF
4695000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS).....	15	LF
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS).....	560	LF
4709000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS).....	18	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....	145	EA

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-1A	REVISED ROADWAY STANDARD DRAWING 1250.01 SHEET 2 OF 3
PMP-1B	DETAIL OF INLAID RAISED PAVEMENT MARKER
PMP-2	SITE 330 PAVEMENT MARKING DETAIL
PMP-3	SITE 331 PAVEMENT MARKING DETAIL
PMP-4	SITE 332 PAVEMENT MARKING DETAIL
PMP-5	SITE 333 PAVEMENT MARKING DETAIL
PMP-6	SITE 334 PAVEMENT MARKING DETAIL
PMP-7	SITE 560 PAVEMENT MARKING DETAIL

PLAN PREPARED BY:

REGINA M. MUNCEY, PE TRANSPORTATION ENGINEER

ROSI R. HENNEIN TRANSPORTATION DESIGNER

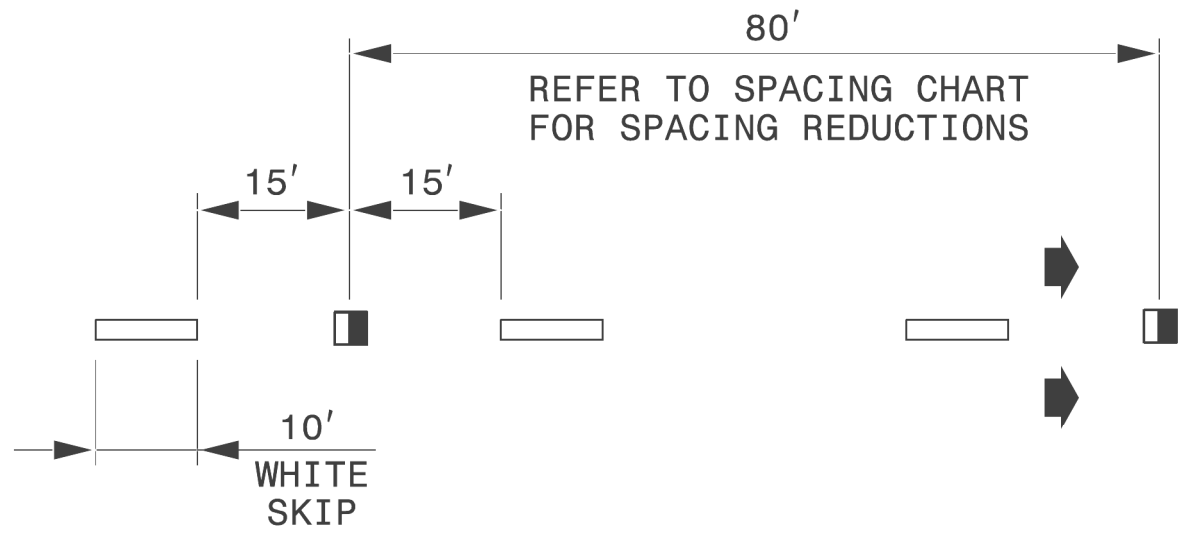


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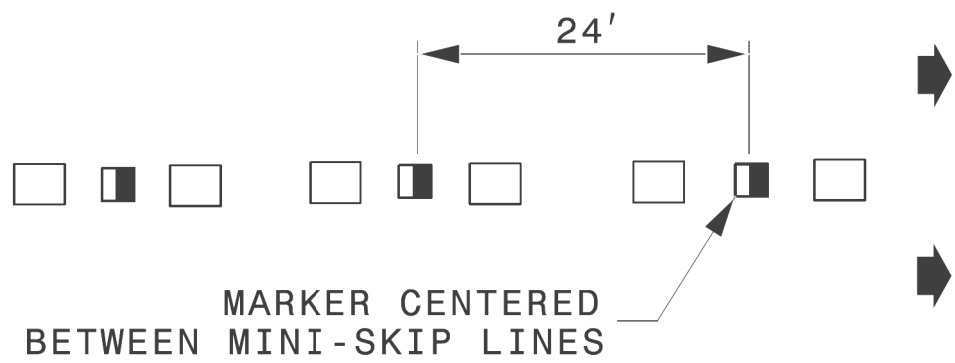
PROJECT NAME	SHEET NO.
NC 9 SITES 330 THRU 334 & 560	PMP - 1
APPROVED: DocuSigned by: Regina M. Muncey 6/26/2025	
DATE: 6/26/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NAME	SHEET NO.
NC 9 SITES 330 THRU 334 & 560	PMP-1A
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10'-30'/SP SKIP LINE



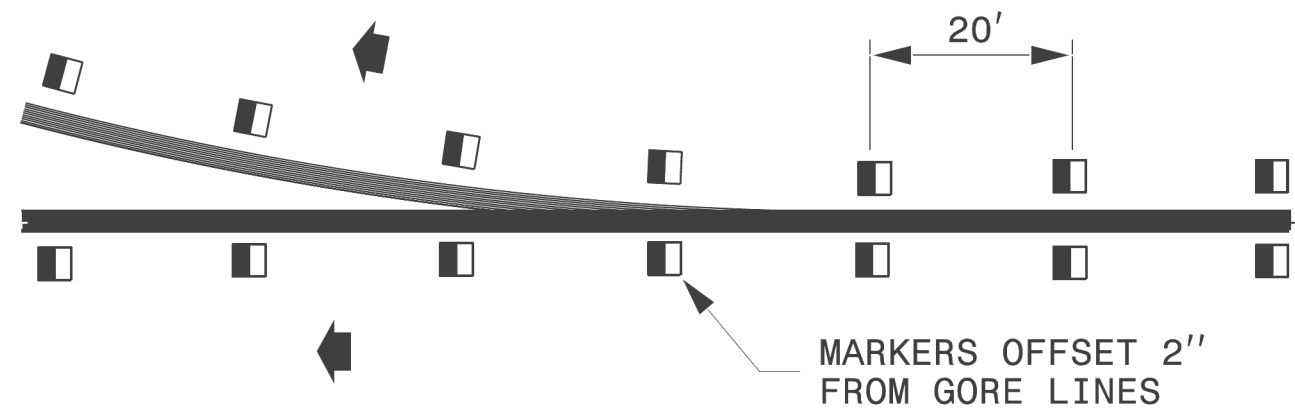
3'-9'/SP MINI-SKIP LINE



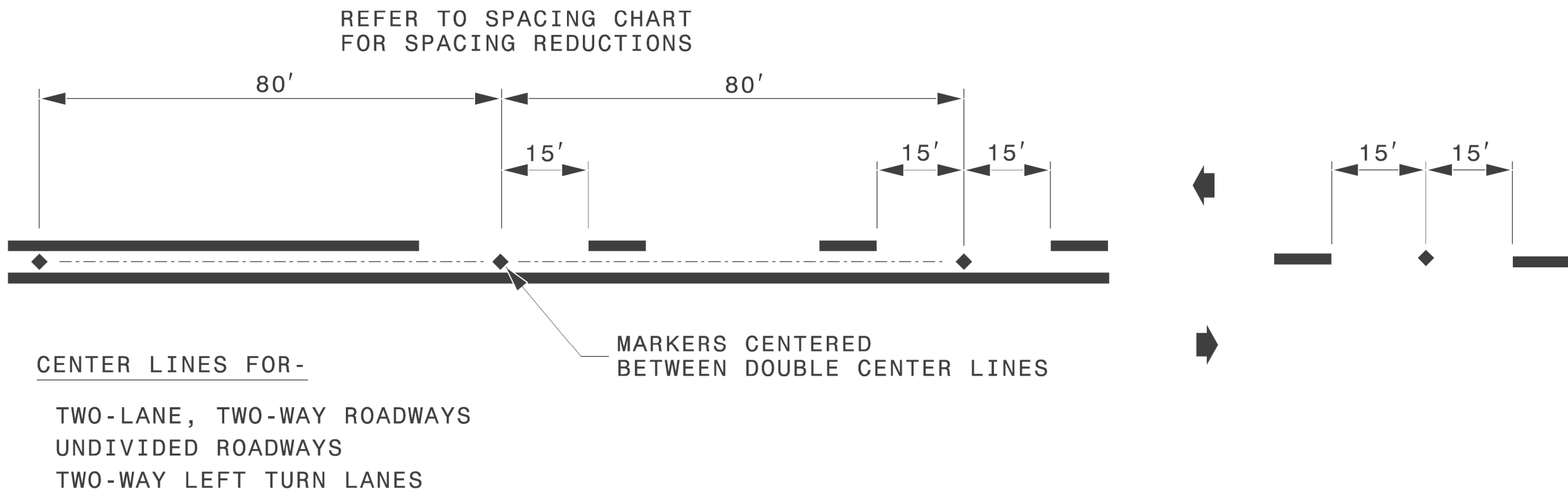
LEGEND

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

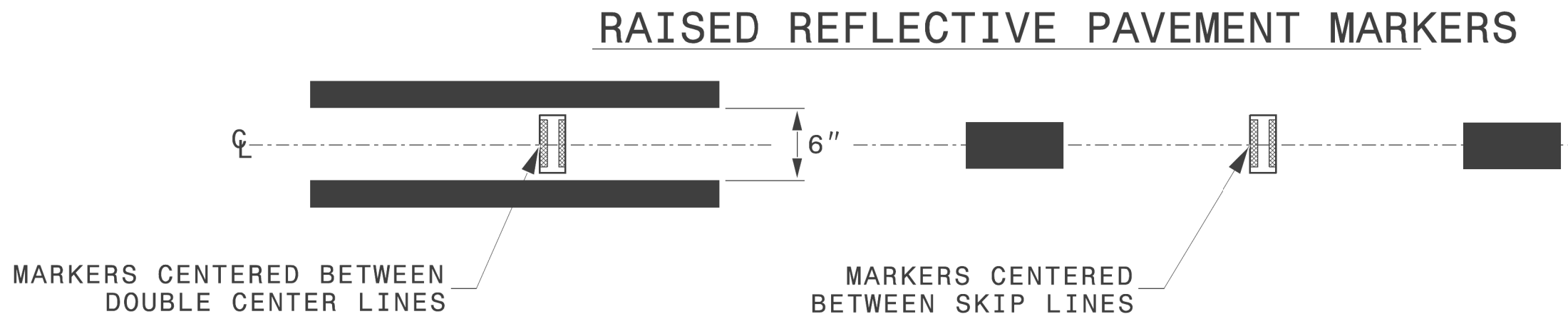
GORE LINES



YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT



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

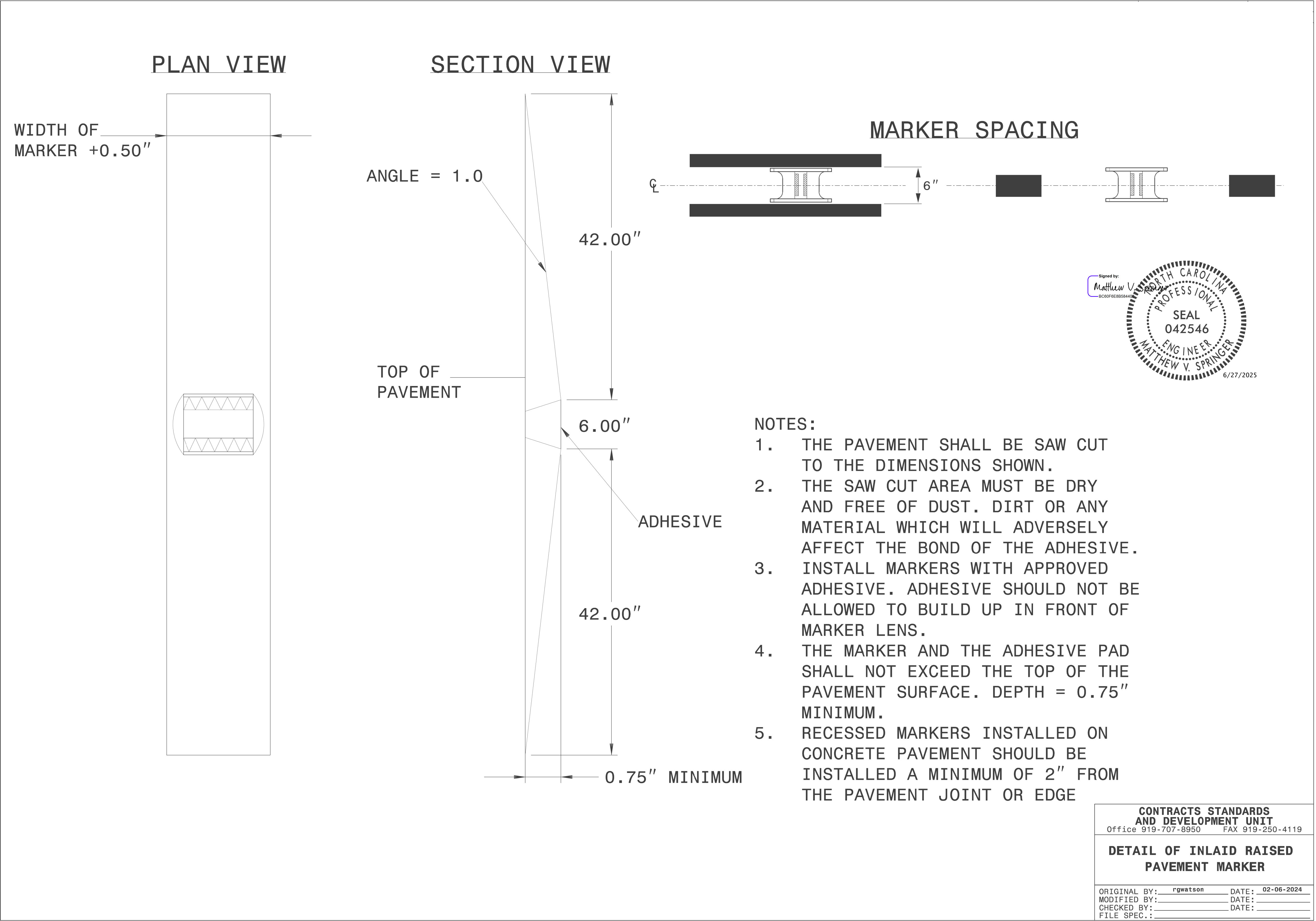


CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

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

PROJECT NAME	SHEET NO.
W-0920_SITES 2 THRU 7	PMP-1B
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PROJECT NAME

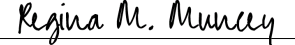
NC 9 SITE 330

SHEET NO.

PMP-2

DocuSigned by:

APPROVED:



DATE:

6/13/2025

SEAL



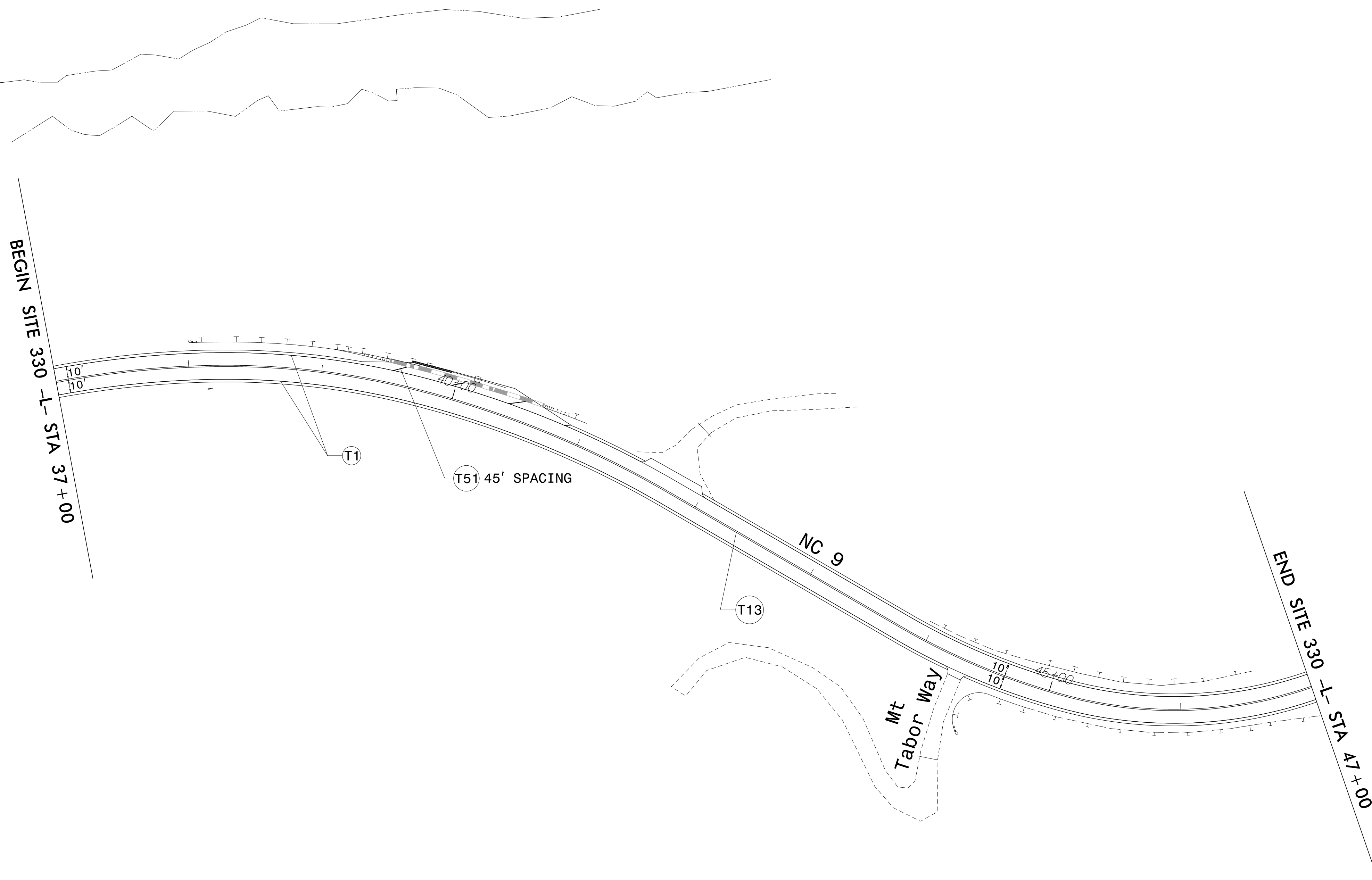
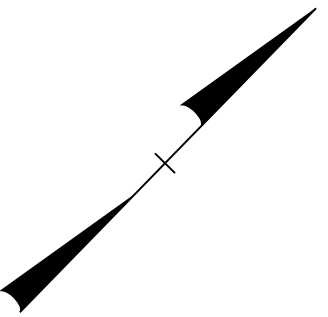
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ITEM NO.		SITE 330 SUMMARY OF QUANTITIES				
DESC. NO.	SECT. NO.	ITEM DESCRIPTION			QUANTITY	UNIT
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....			4,000	LF
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS).....			50	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....			25	EA

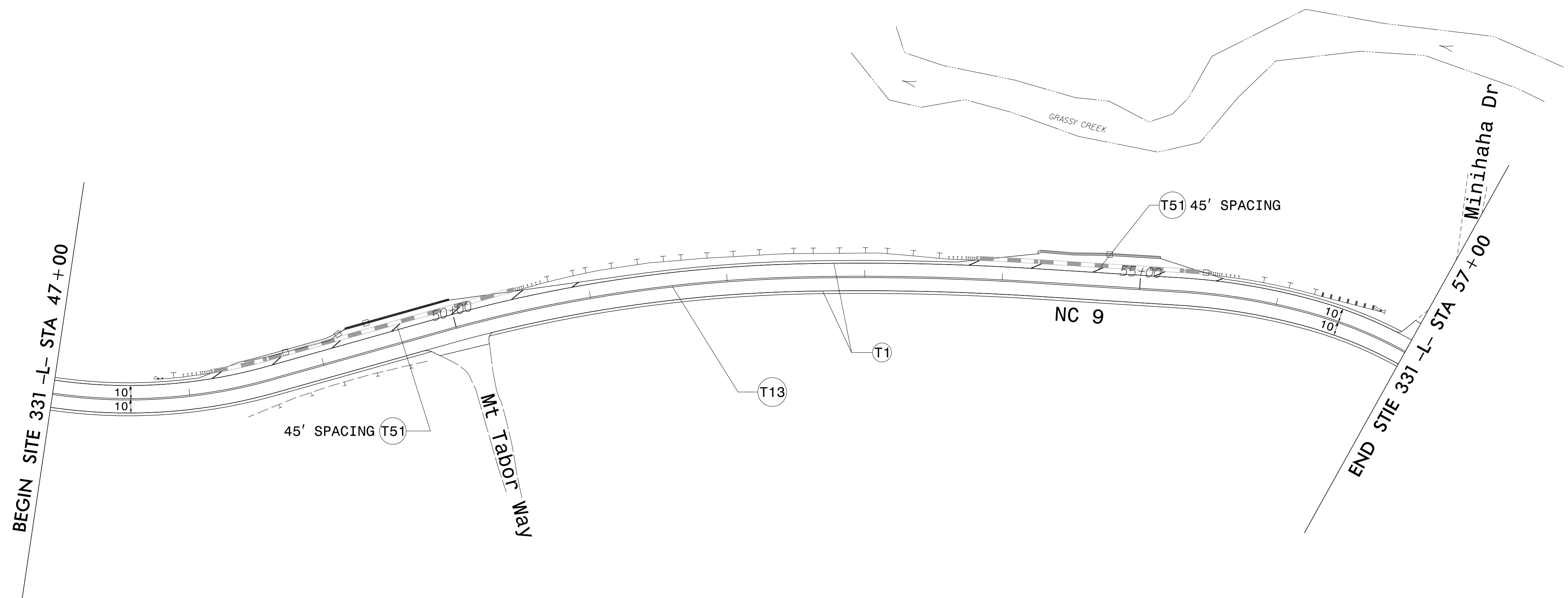


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\$\$\$\$\$\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

THERMOPLASTIC PAVEMENT MARKING LEGEND	
	WHITE EDGELINE (4")
	YELLOW DOUBLE CENTER (4")
	WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....	4,000	LF
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS).....	105	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....	20	EA



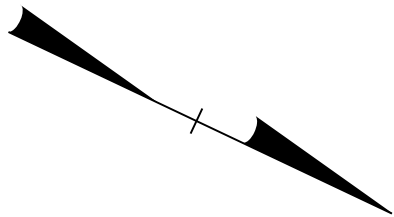
THERMOPLASTIC PAVEMENT MARKING LEGEND	
	WHITE EDGELINE (4")
	YELLOW DOUBLE CENTER (4")
	WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

Plan view of the proposed 4-lane highway project on NC 9. The drawing shows the highway alignment from station 57+00 to 69+00. Key features include:

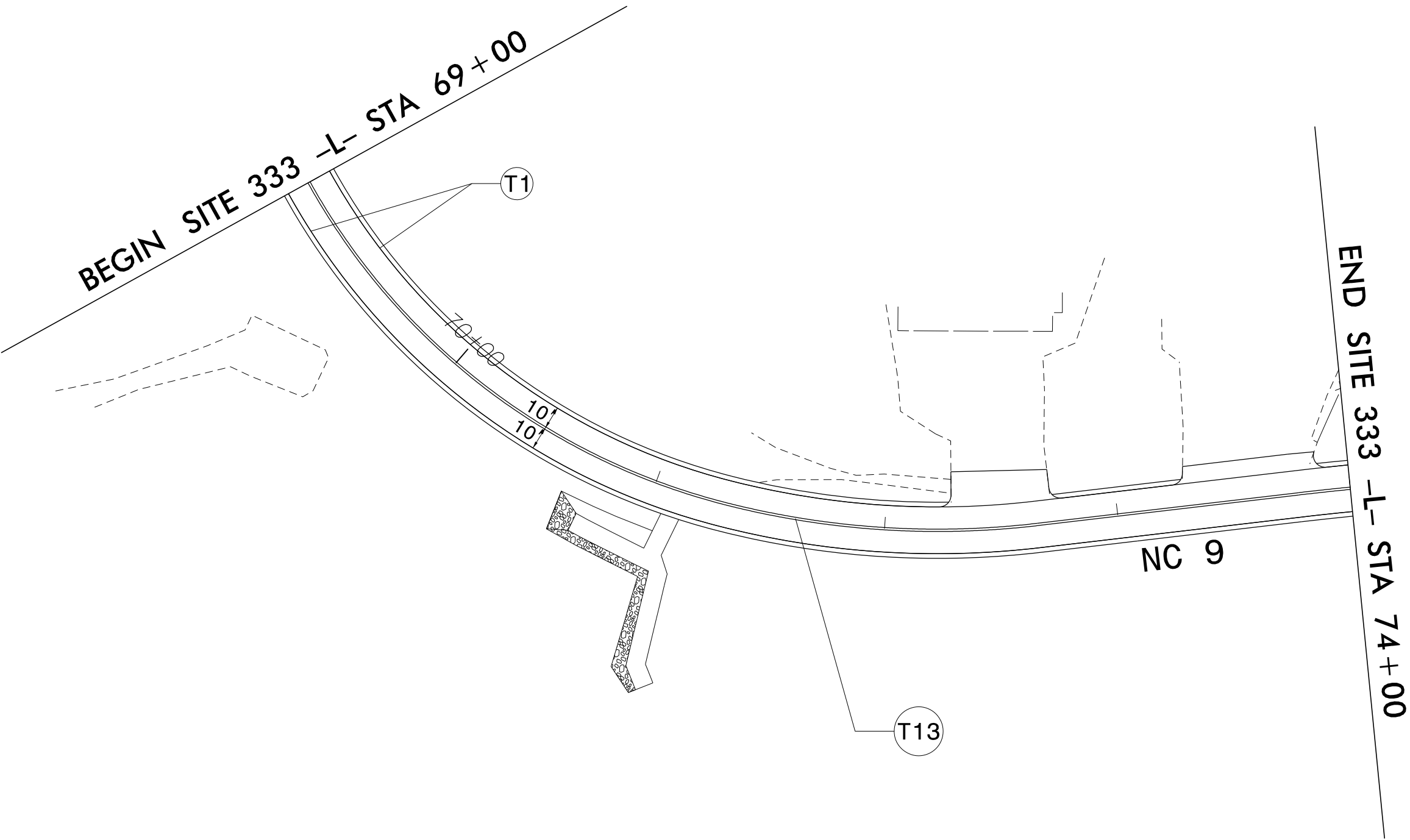
- Minihaha Dr** crossing the highway at station 57+00.
- Grassy Creek** running parallel to the highway on both sides.
- Engineering markers** T1 and T13 indicating specific points along the alignment.
- Stationing** labels: BEGIN SITE 332 -L- STA 57+00, END SITE 332 -L- STA 69+00, and intermediate stations 60+00, 65+00, and 69+00.
- Right-of-Way** lines and various survey points marked with 'X' and 'Y'.
- NC 9** label at the bottom right.

PAVEMENT MARKING DETAIL



SITE 333 SUMMARY OF QUANTITIES				
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....	2,000	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....	11	EA

PROJECT NAME	SHEET NO.
NC 9 SITE 333	PMP-5
DocuSigned by: APPROVED: Regina M. Muncy CTFES18S22454FA	
DATE: 6/13/2025	
SEAL	
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\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

THERMOPLASTIC PAVEMENT MARKING LEGEND	
	WHITE EDGELINE (4")
	YELLOW DOUBLE CENTER (4")

PAVEMENT MARKING DETAIL

PROJECT NAME

NC 9 SITE 334

SHEET NO.

PMP-6

DocuSigned by:

Regina M. Muncy

APPROVED:

CTFES18S22454FA

DATE:

6/13/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

43239

ENGINEER

REGINA M. MUNCY

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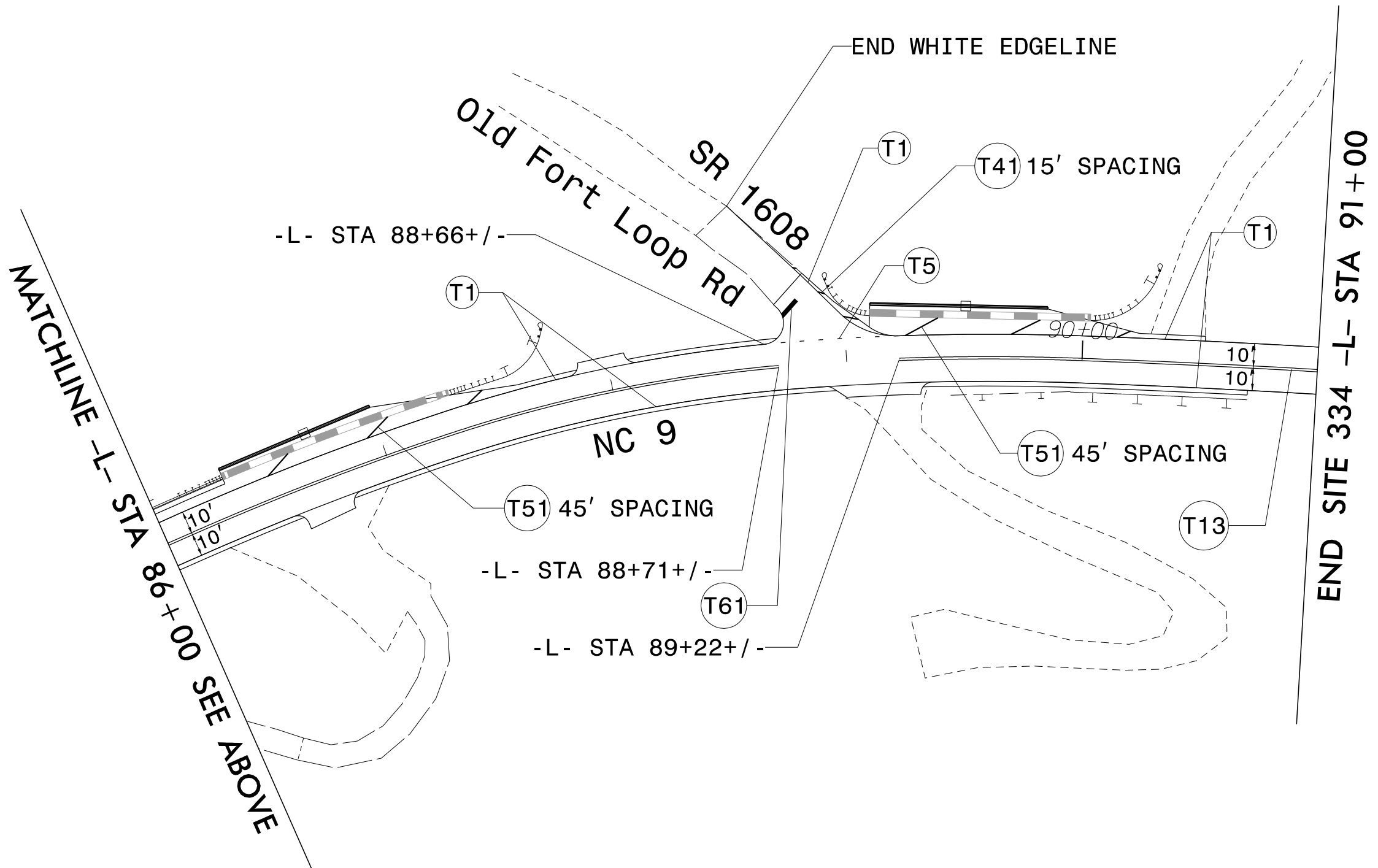
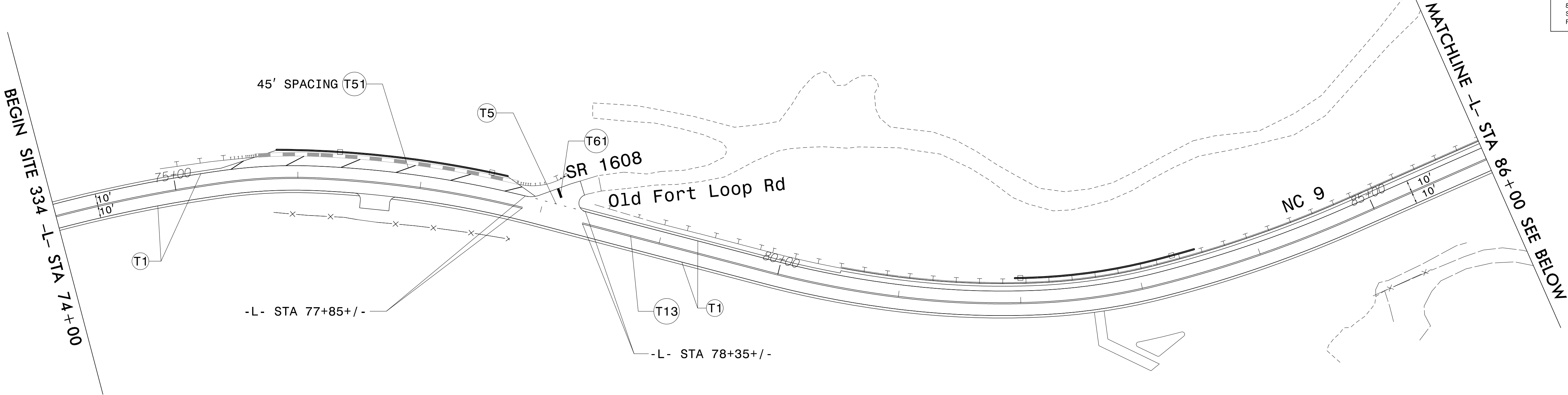
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ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....	6,625	LF
4695000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS).....	15	LF
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS).....	170	LF
4709000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS).....	18	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....	22	EA



THERMOPLASTIC PAVEMENT MARKING LEGEND

- T1 WHITE EDGELINE (4")
- T5 2 FT-6 FT/SP WHITE MINISKIP (4")
- T13 YELLOW DOUBLE CENTER (4")
- T41 WHITE DIAGONAL (8")
- T51 WHITE DIAGONAL (12")
- T61 WHITE STOPBAR (24")

PAVEMENT MARKING DETAIL

SITE 560 SUMMARY OF QUANTITIES				
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS).....	6,900	LF
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS).....	235	LF
4895000000	SP	INLAID RAISED PAVEMENT MARKERS.....	40	EA

PROJECT NAME
NC 9 SITE 560

SHEET NO.
PMP-7

DocuSigned by:
Regina M. Muncy
CTF518522454FA

APPROVED:

DATE: 6/13/2025

SEAL

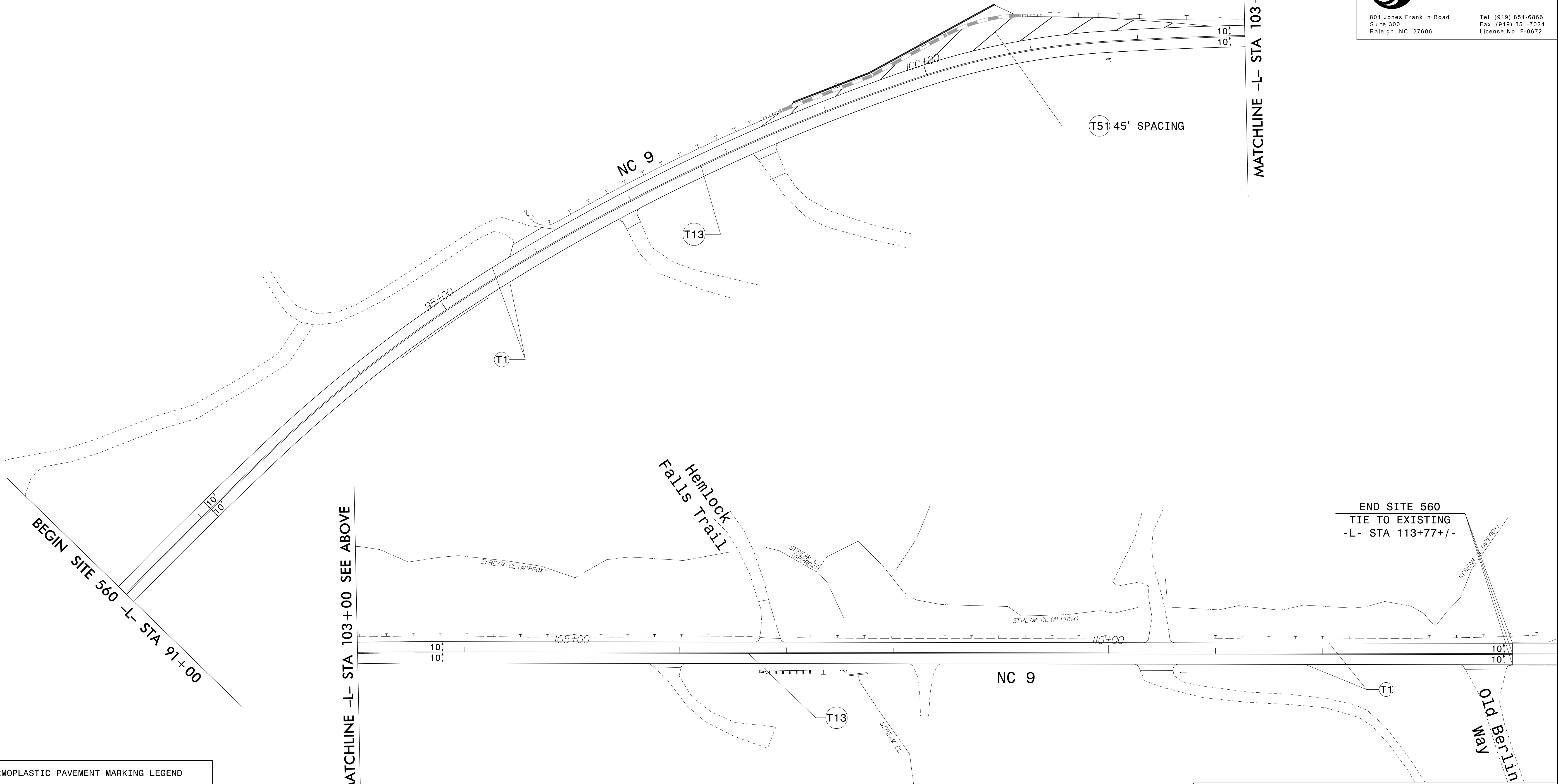
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REGINA M. MUNCY

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THERMOPLASTIC PAVEMENT MARKING LEGEND	
T1	WHITE EDGELINE (4")
T13	YELLOW DOUBLE CENTER (4")
T51	WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL