

6/3/2025 11:58:00 AM
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User: jgordon

T.I.P.: I-5880

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

FORSYTH COUNTY

LOCATION: I-40 /NC 109 INTERCHANGE PROJECT
IN WINSTON-SALEM, NC

TIP NO.	SHEET NO.
I - 5880	PMP - 1
APPROVED:  6/10/2025	
DATE: 6/10/2025	
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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
1205.03	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
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.17	PAVEMENT MARKINGS - SIDE-BY-SIDE/ADJACENT ON/OFF RAMPs PAVEMENT MARKING LANE TREATMENT
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL & BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL & BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-2	PAVEMENT MARKING SCHEDULE AND LEGEND
PMP-3	PAVEMENT MARKING DETAILS
PMP-4 THRU PMP-8	PAVEMENT MARKING PLAN SHEETS

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
I-40	THERMO	SNOWPLOWABLE
I-40 BRIDGE	POLYUREA	SNOWPLOWABLE
CLEMMONSVILLE RD	THERMO	NONE
THOMASVILLE RD	THERMO	SNOWPLOWABLE
THOMASVILLE RD BRIDGE	POLYUREA	SNOWPLOWABLE

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) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.

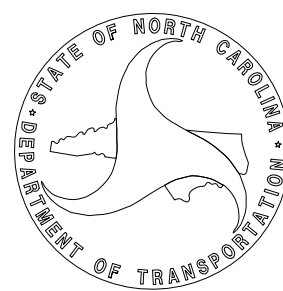
PLAN PREPARED BY: JOHNSON, MIRMIRAN, & THOMPSON, INC.

CHARLES YOUNG, PE SENIOR ENGINEER
COLTON M. RIDDLE, PE DESIGN ENGINEER



PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

RYAN NEWCOMB, PE DIVISION PROJECT ENGINEER



FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
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PAVEMENT MARKING

THERMOPLASTIC

T1	WHITE EDGELINE (4", 90 MIL)
T2	WHITE SOLID LANE LINE (4", 90 MIL)
T3	10 FT. WHITE SKIP (4", 90 MIL)
T4	3 FT. - 9 FT./SP WHITE MINISKIP (4", 90 MIL)
T5	2 FT. - 6 FT ./SP WHITE MINISKIP (4", 90 MIL)
T10	YELLOW EDGELINE (4", 90 MIL)
T13	YELLOW DOUBLE CENTER (4", 90 MIL)
T20	WHITE EDGLINE (6", 90 MIL)
T21	WHITE SOLID LANE LINE (6", 90 MIL)
T22	10 FT. WHITE SKIP (6", 90 MIL)
T23	3 FT. - 9 FT./SP WHITE MINISKIP (6", 90 MIL)
T24	2 FT. - 6 FT./SP WHITE MINISKIP (6", 90 MIL)
T30	YELLOW EDGELINE (6", 90 MIL)
T40	WHITE GORELINE (8", 90 MIL)
T41	WHITE DIAGONAL (8", 90 MIL)
T42	YELLOW DIAGONAL (8", 90 MIL)
T43	WHITE SOLID LANE LINE (8", 90 MIL)
T44	3 FT. - 9 FT./SP WHITE MINISKIP (8", 90 MIL)
T45	3 FT. - 3 FT./SP WHITE MINISKIP (8", 90 MIL) (ROUNDBABOUTS ONLY)
T46	WHITE CROSSWALK LINE (8", 90 MIL)
T50	WHITE GORELINE (12", 90 MIL)
T54	3 FT. - 9 FT./SP WHITE MINISKIP (12", 90 MIL)
T61	WHITE STOPBAR (24", 90 MIL)
T70	LEFT TURN ARROW (90 MIL)
T71	RIGHT TURN ARROW (90 MIL)
T72	STRAIGHT ARROW (90 MIL)
T73	COMBO. LEFT/STRAIGHT ARROW (90 MIL)
T79	MERGE ARROW (90 MIL)
T80	WRONG-WAY RAMP ARROW (90 MIL)
T100	ALPHANUMERIC CHAR. (90 MIL)
T103	24" YIELD LINE TRIANGLE (90 MIL)

POLYUREA

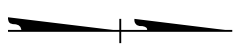
W3	10 FT. WHITE SKIP (4", 30 MIL)
W10	YELLOW EDGELINE (4", 30 MIL)
W20	WHITE EDGELINE (6", 30 MIL)
W22	10 FT. WHITE SKIP (6", 30 MIL)
W23	3 FT. - 9 FT./SP WHITE MINISKIP (6", 30 MIL)
W30	YELLOW EDGELINE (6", 30 MIL)
W43	WHITE SOLID LANE LINE (8", 30 MIL)
W44	3 FT. - 9 FT./SP WHITE MINISKIP (8", 30 MIL)
W54	3 FT. - 9 FT./SP WHITE MINISKIP (12", 30 MIL)

SNOWPLOWABLE PAVEMENT MARKERS

ME	YELLOW & YELLOW
MF	CRYSTAL & RED

LEGEND

GENERAL

-  NORTH ARROW
-  EXIST. PVMT.
-  PROPOSED PVMT.

PAVEMENT MARKINGS

-  PROPOSED LINES

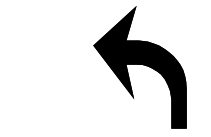
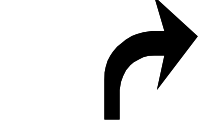
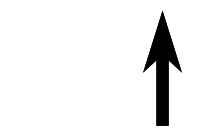
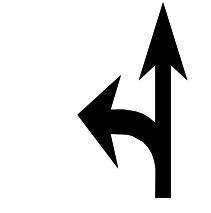
PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS

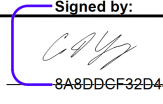
RAMP TYPES AND LOCATIONS

ID	TYPE	LOCATION
1	CURB RAMP	-RPB- STA. 19+50 +/-
2	6	-RPB- STA. 20+06 +/-
3	1A	-RPB- STA. 20+11 +/-
4	CURB RAMP	-RPA- STA. 16+55 +/-
5	CURB RAMP	-RPA- STA. 16+51 +/-
6	1 MODIFIED	-Y1- STA. 29+72 +/-
7	6	-RPC- STA. 27+76 +/-
8	CURB RAMP	-RPC- STA. 27+79 +/-
9	CURB RAMP	-RPD- STA. 20+20 +/-
10	6	-RPD- STA. 20+14 +/-
11	CURB RAMP	-RPD- STA. 19+56 +/-
12	CURB RAMP	-Y2- STA. 14+06 +/-
13	7	-Y2- STA. 14+10 +/-
14	CURB RAMP	-Y2- STA. 14+06 +/-
15	CURB RAMP	-Y1- STA. 8+90 +/-
16	7	-Y1- STA. 9+01 +/-
17	CURB RAMP	-Y1- STA. 9+00 +/-
18	CURB RAMP	-Y2- STA. 16+10 +/-
19	7	-Y2- STA. 16+01 +/-
20	CURB RAMP	-Y2- STA. 16+00 +/-
21	CURB RAMP	-Y1- STA. 11+05 +/-
22	7	-Y1- STA. 10+89 +/-
23	CURB RAMP	-Y1- STA. 10+87 +/-

PAVEMENT MARKING SYMBOLS

-  T70
-  T71
-  T72
-  T73
-  T79
-  T100
-  T103

TIP NO.	SHEET NO.
I - 5880	PMP -2

APPROVED: 

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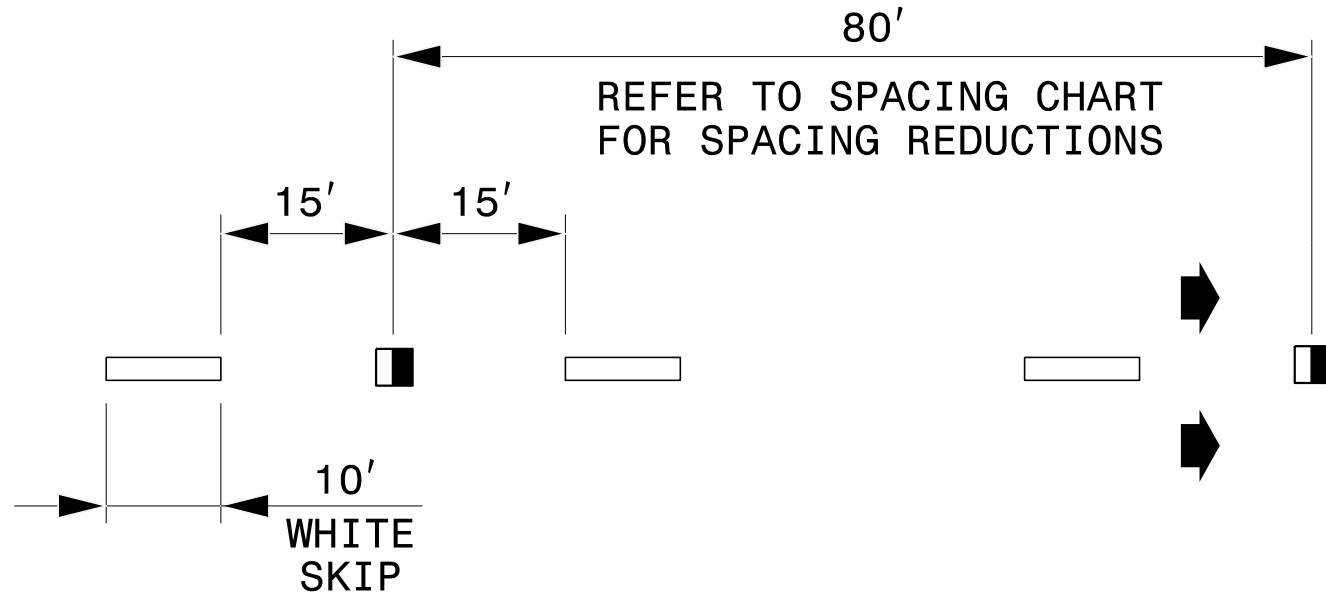
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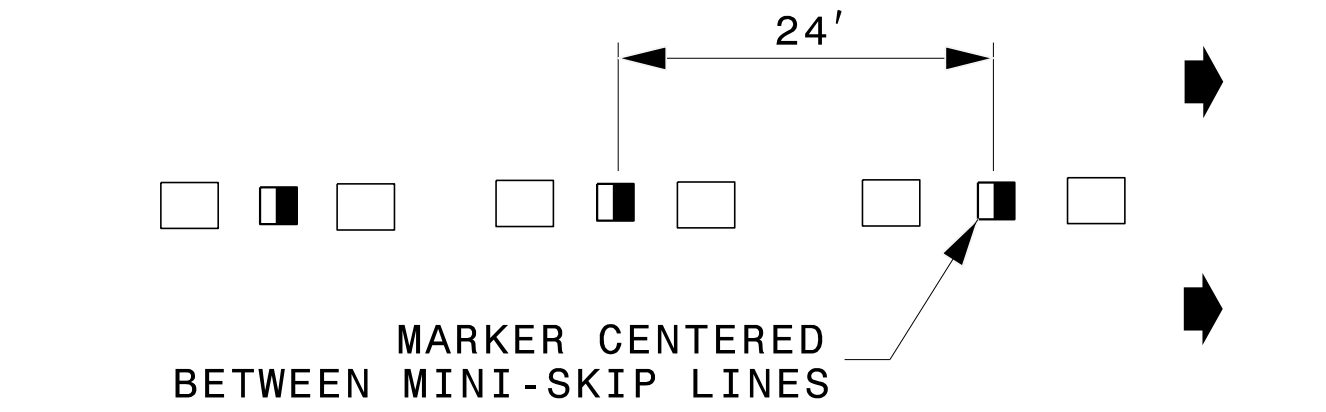
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PAVEMENT MARKING SCHEDULE AND LEGEND

10'-30'/SP SKIP LINE



3'-9'/SP MINI-SKIP LINE



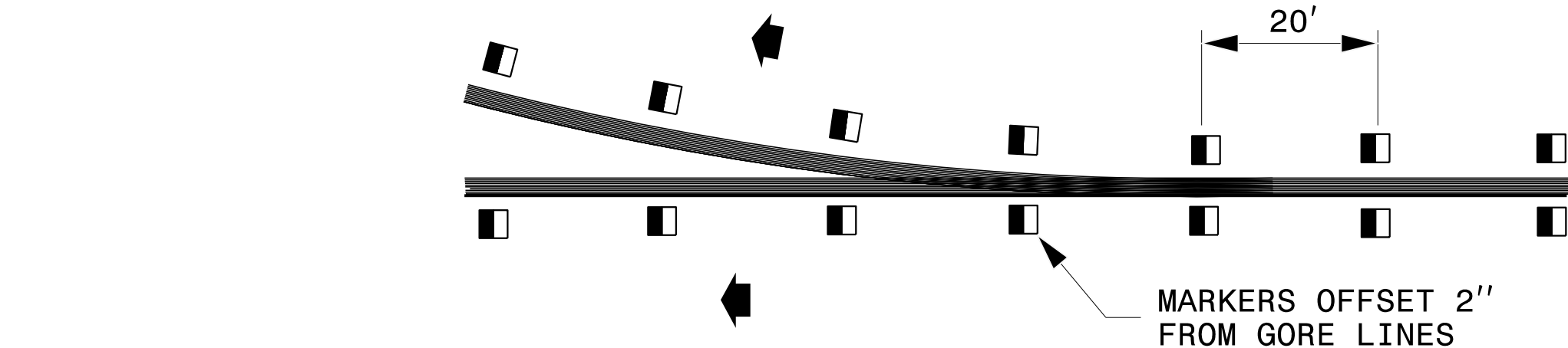
LEGEND

 CRYSTAL/RED PAVEMENT MARKER

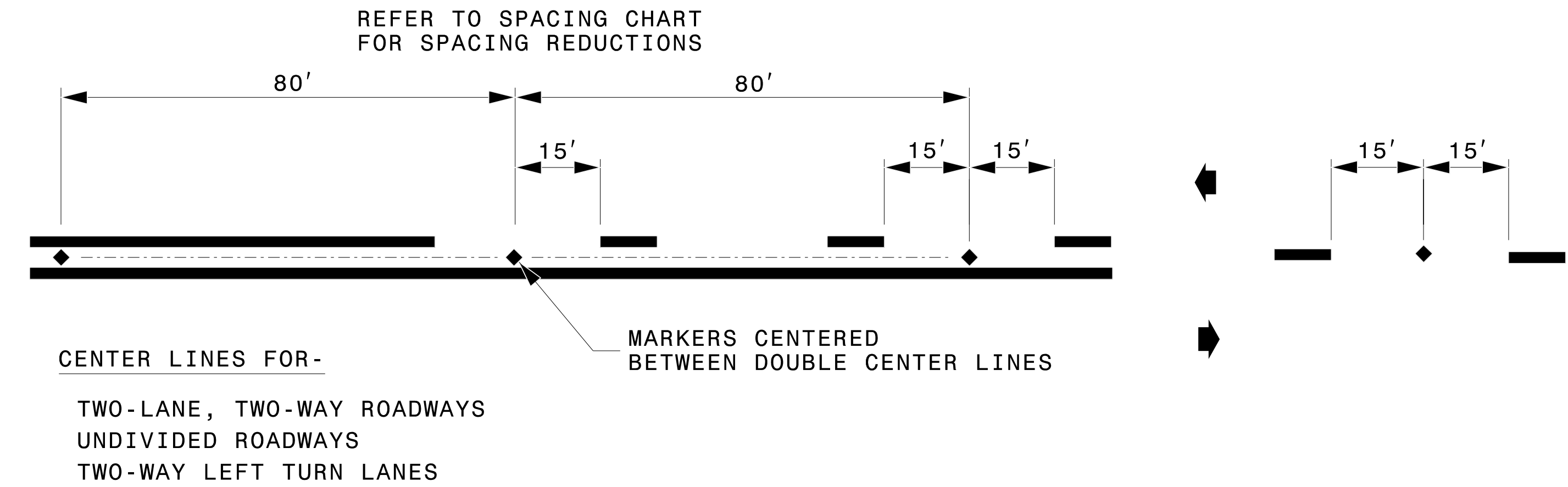
 YELLOW/YELLOW PAVEMENT MARKER

 DIRECTION OF TRAFFIC FLOW

GORE LINES

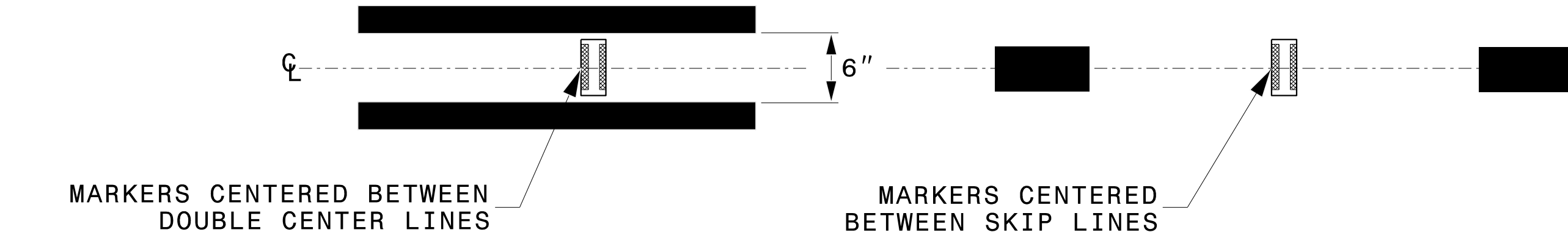


YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



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

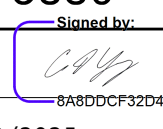
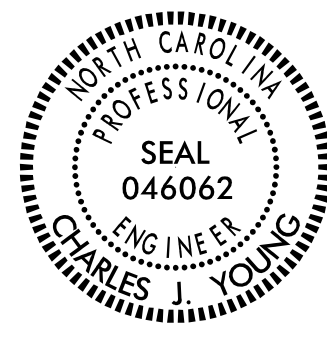
ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

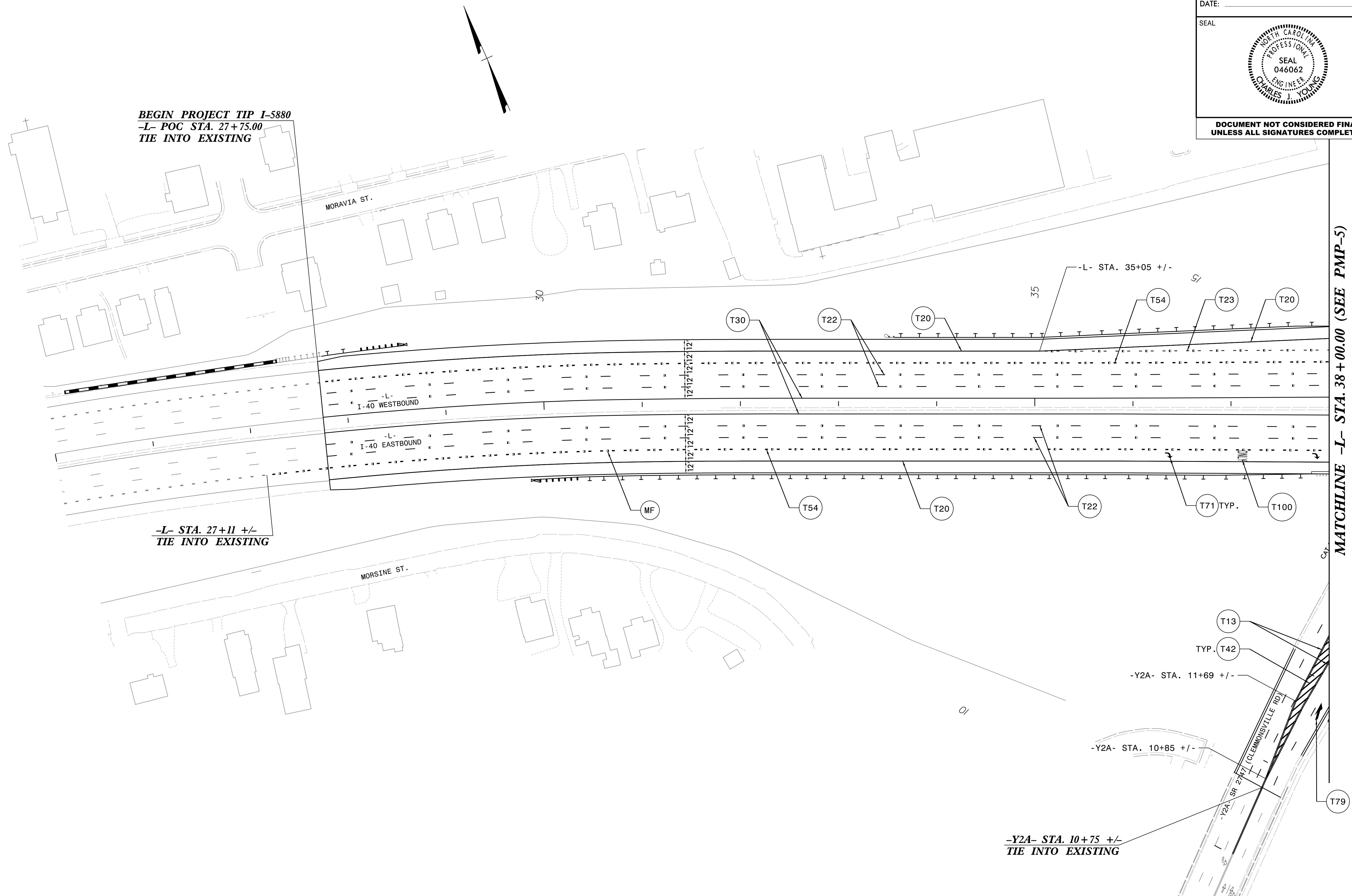
SHEET 2 OF 3
1250D01

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.	SHEET NO.
I - 5880	PMP - 4
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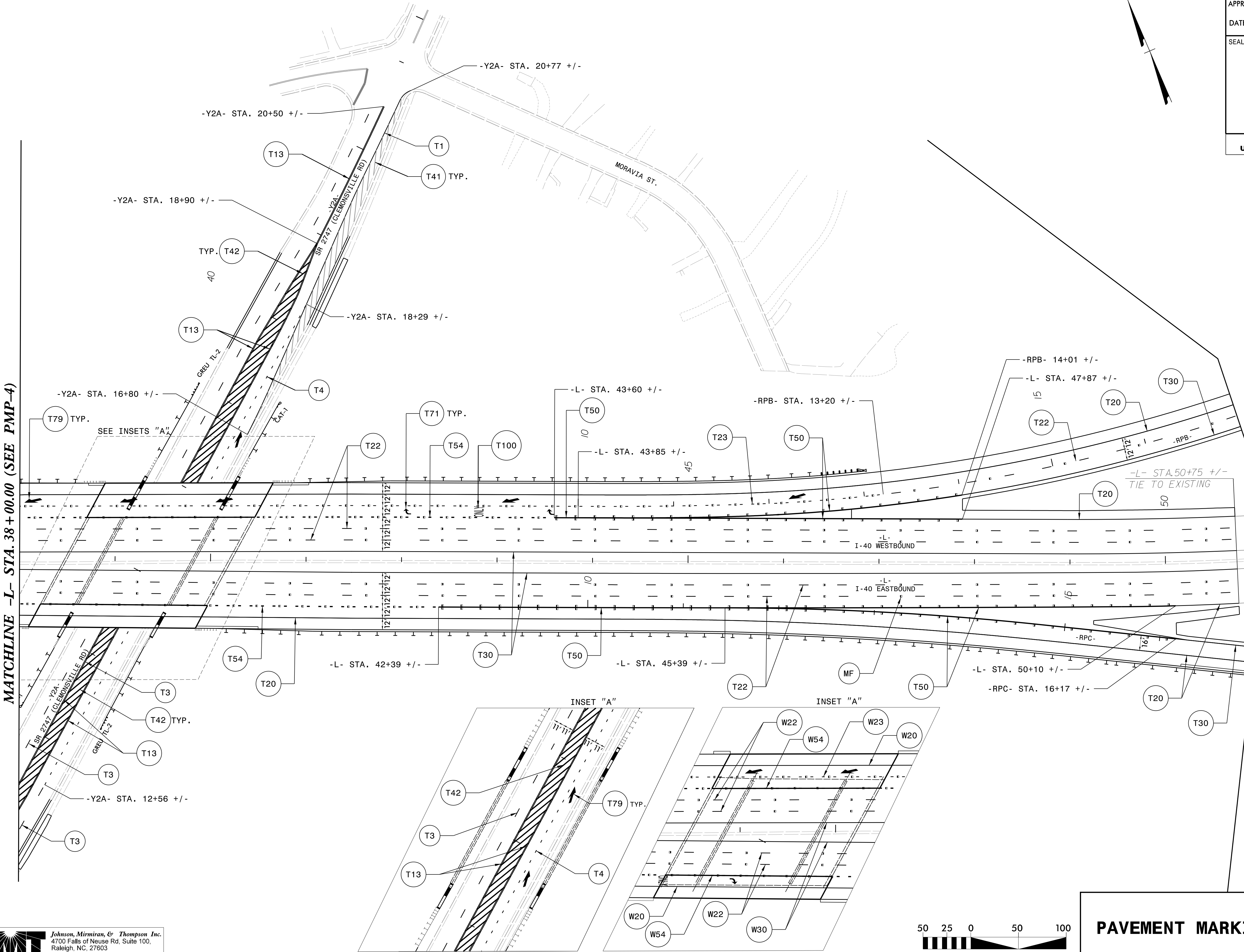


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PAVEMENT MARKING (DETAIL)

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MATCHLINE -L- STA. 38+00.00 (SEE PMP-4)

MATCHLINE -L- STA. 51+00.00 (SEE PMP-6)

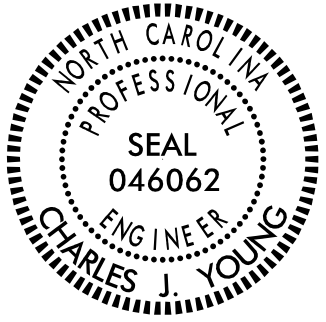
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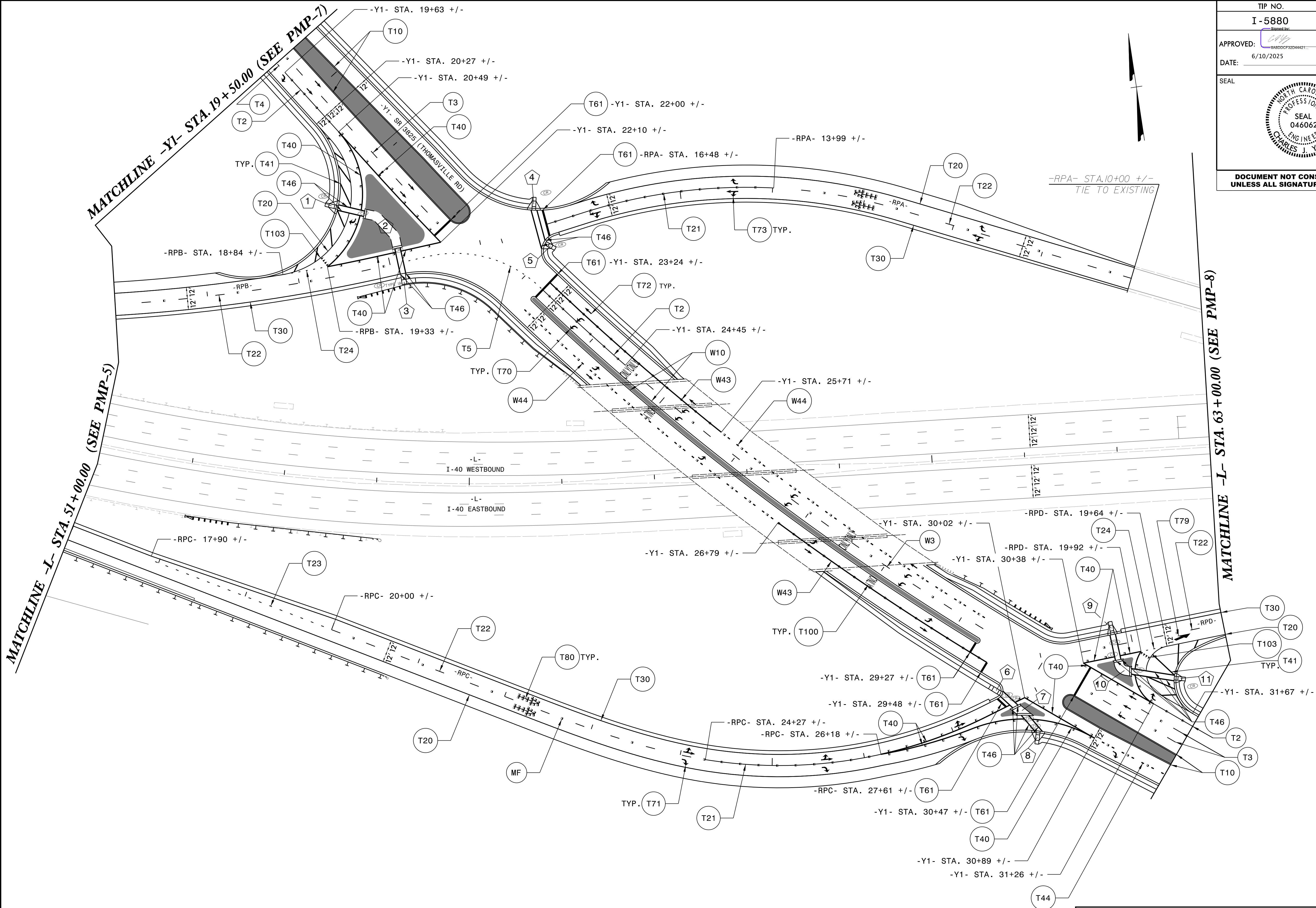


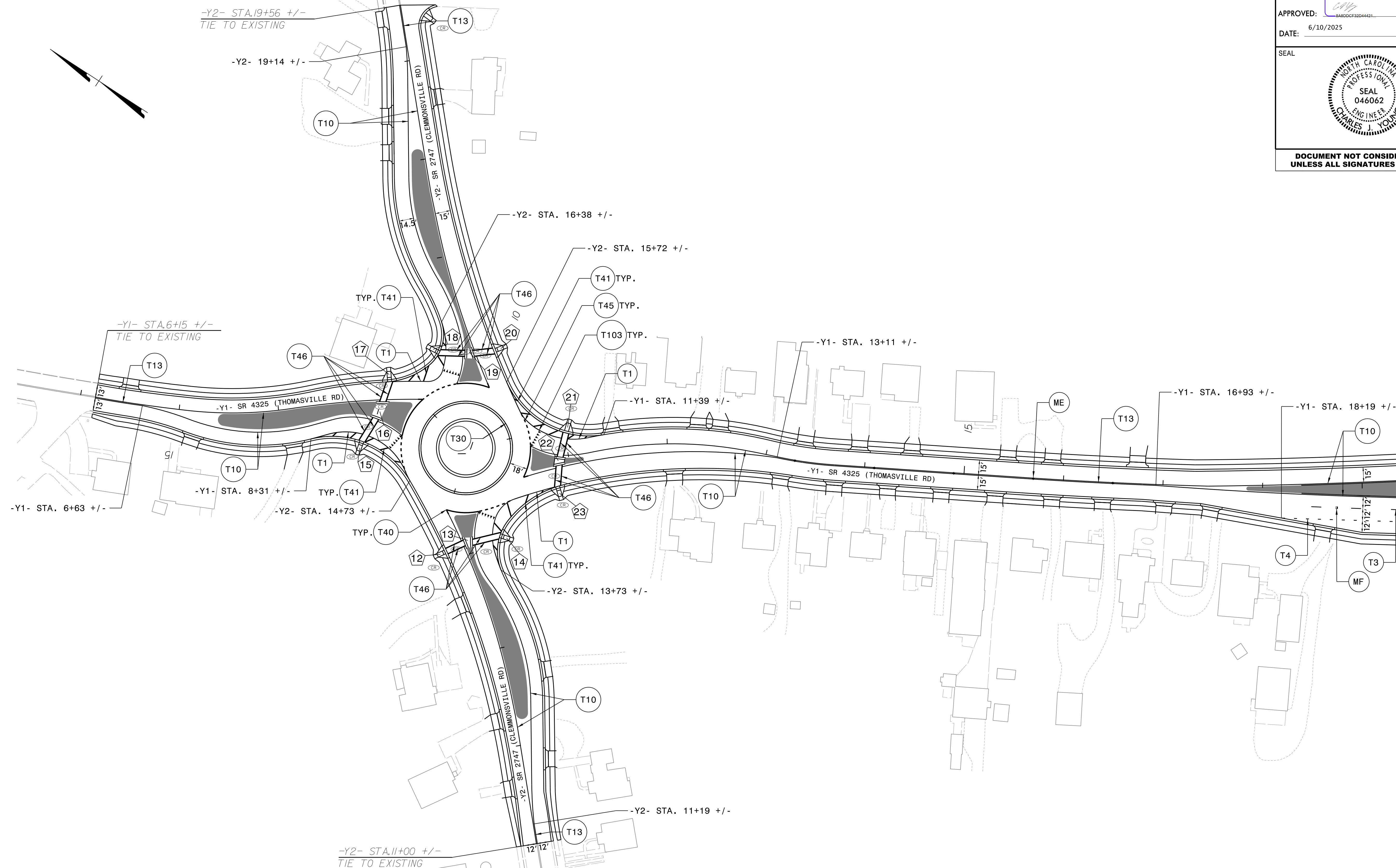
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PAVEMENT MARKING (DETAIL)

TIP NO. I - 5880	SHEET NO. PMP - 6
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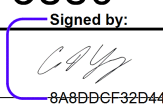


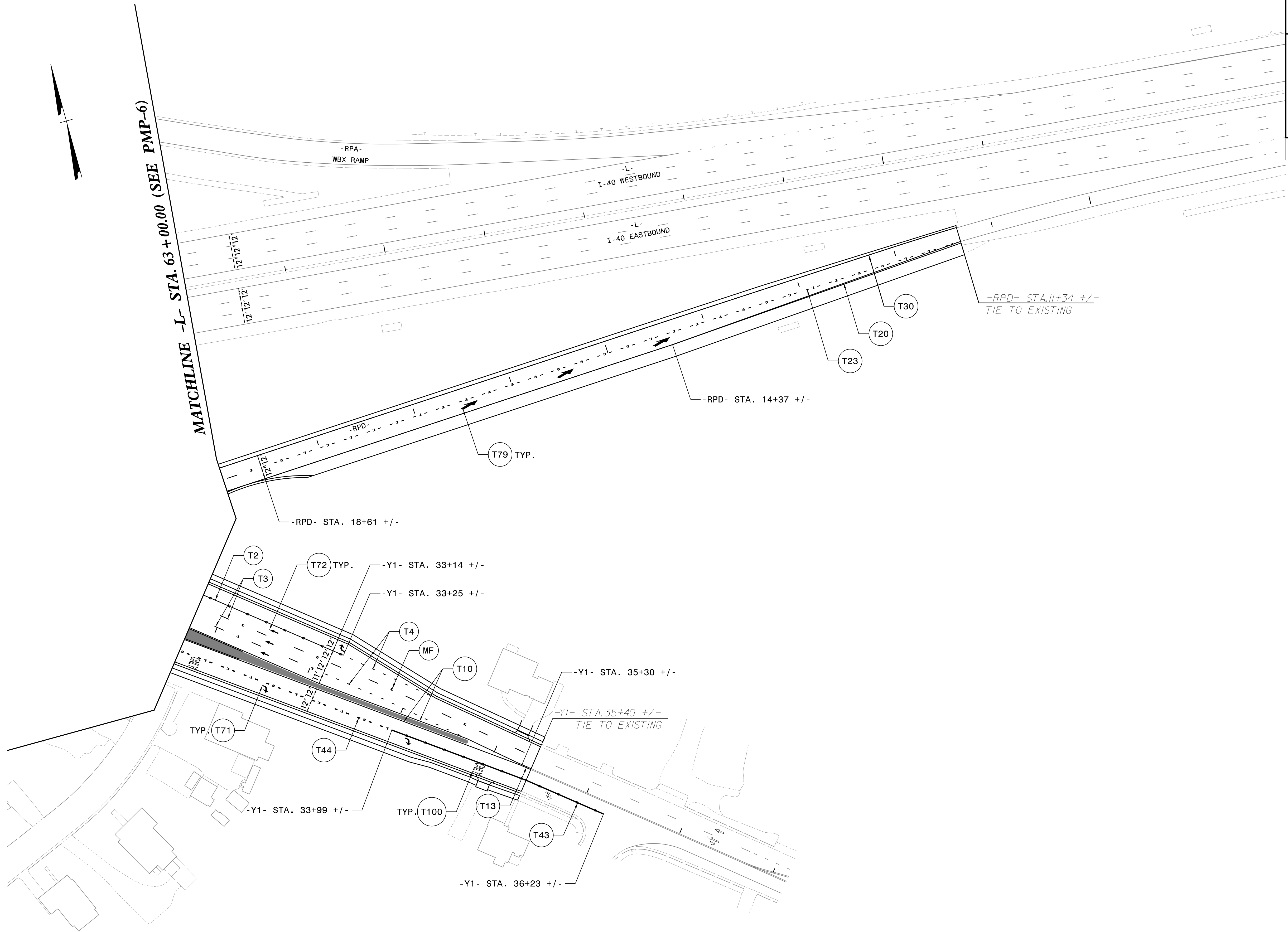


MATCHLINE -Y1- STA. 19+50.00 (SEE PMP-6)

PAVEMENT MARKING (DETAIL)



TIP NO.	SHEET NO.
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5/12/2025
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PAVEMENT MARKING (DETAIL)