

T.I.P.: W-5704E

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
JOHNSTON COUNTY**

LOCATION: SR 1700 (COVERED BRIDGE ROAD) FROM
SR 2685 (HELENA LANE) TO SR 1003
(BUFFALO ROAD)

TIP NO. W-5704E	SHEET NO. PMP-1
APPROVED: <u>Don A. Parker, Jr.</u> <small>Signed by: 750B8E90ADE440...</small>	
DATE: 1/27/2026	
	
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INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, SCHEDULE SHEET, INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND FINAL PAVEMENT MARKING SCHEDULE
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PMP-1B	REVISED PAVEMENT MARKING ROADWAY STANDARD DRAWING (1205D01)
PMP-2 THRU PMP-6	PAVEMENT MARKING DETAIL

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
- SR 1700 COVERED BRIDGE RD	6" THERMOPLASTIC	SNOWPLOWABLE (POLYCARBONATE H-SHAPED MARKERS)
- SR 1003 BUFFALO RD	6" THERMOPLASTIC	H-SHAPED MARKERS
- ALL OTHER ROADS	THERMOPLASTIC	NONE

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

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

D) 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.

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

FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
PAVEMENT MARKINGS	
THERMOPLASTIC (4", 90 MILS)	
T1	(4") WHITE EDGELINE
T2	(4") WHITE SOLID LANE LINE
T4	(4") 3 FT.-9 FT./SP WHITE MINISKIP
T5	(4") 2 FT.-6 FT./SP WHITE MINISKIP
T13	(4") YELLOW DOUBLE CENTER
THERMOPLASTIC (6", 90 MILS)	
T20	(6") WHITE EDGELINE
T21	(6") WHITE SOLID LANE LINE
T23	(6") 3 FT.-9 FT./SP WHITE MINISKIP
T24	(6") 2 FT.-6 FT./SP WHITE MINISKIP
T31	(6") YELLOW SINGLE CENTER
T32	(6") 10 FT YELLOW SKIP
T33	(6") YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MILS)	
T42	(8") YELLOW DIAGONAL
THERMOPLASTIC (24", 90 MILS)	
T61	(24") WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T74	STRAIGHT-RIGHT ARROW
PAVEMENT MARKERS - SNOWPLOWABLE (POLYCARBONATE H-SHAPED)	
ME	SNOWPLOWABLE MARKER YELLOW & YELLOW
MF	SNOWPLOWABLE MARKER 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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

PLAN SUBMITTED TO: NCDOT DIVISION 4

ADDISON GAINNEY, P.E. DIVISION PROJECT DEVELOPMENT ENGINEER

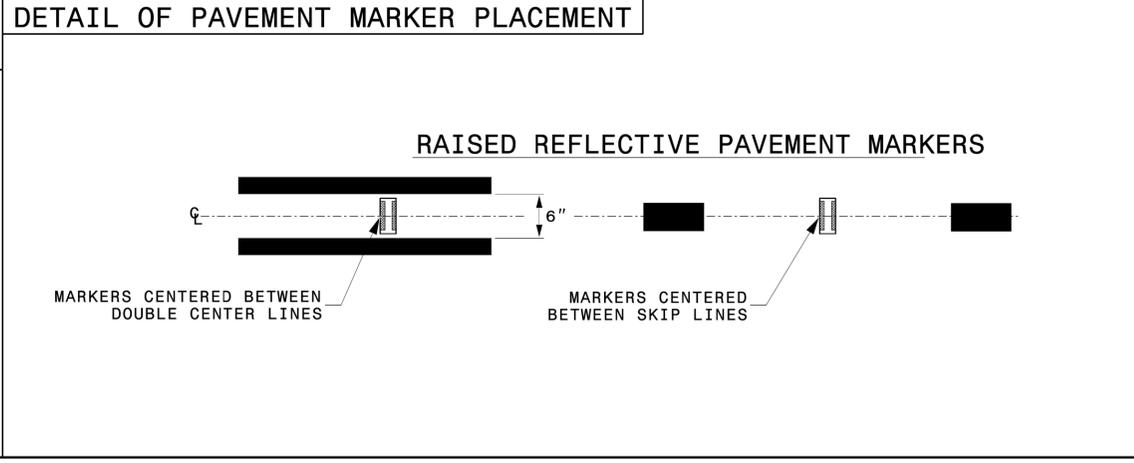
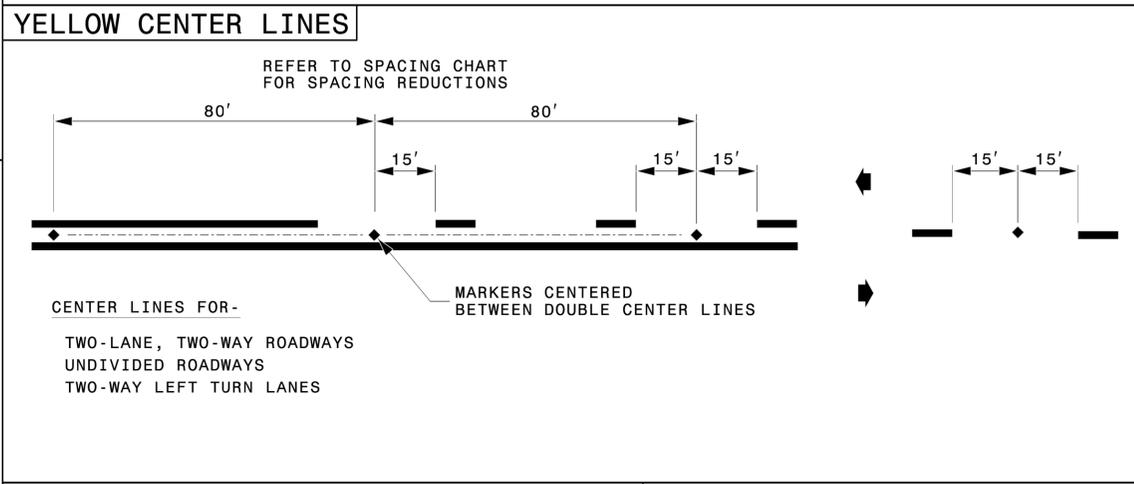
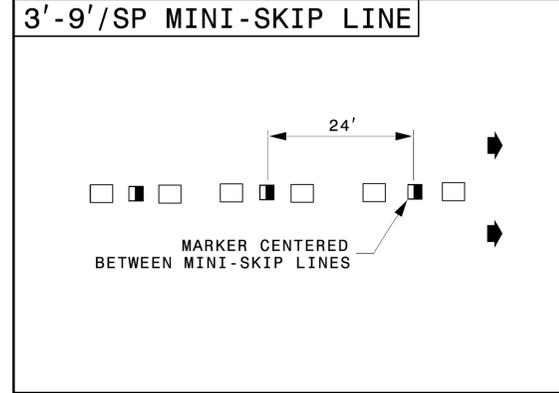
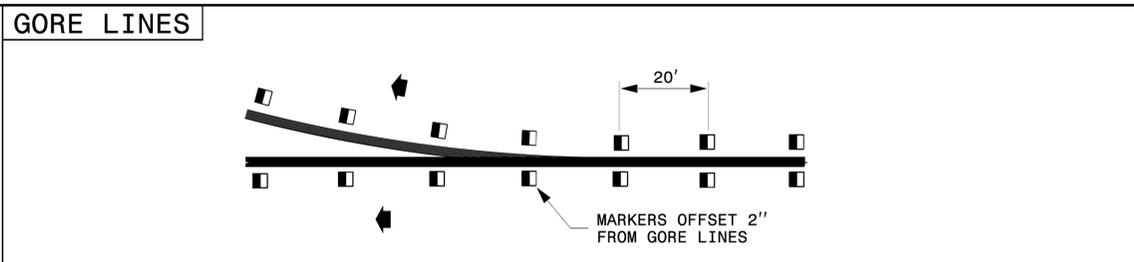
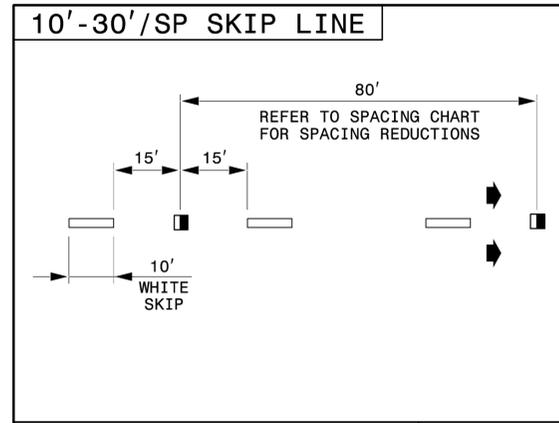


PLAN PREPARED BY: TGS ENGINEERS

DON PARKER, P.E. PROJECT ENGINEER
CODA BRANNAN, E.I. DESIGN ENGINEER



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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



Signed by:
Matthew V. Springer, P.E.
SC00000884403
1/27/2026

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

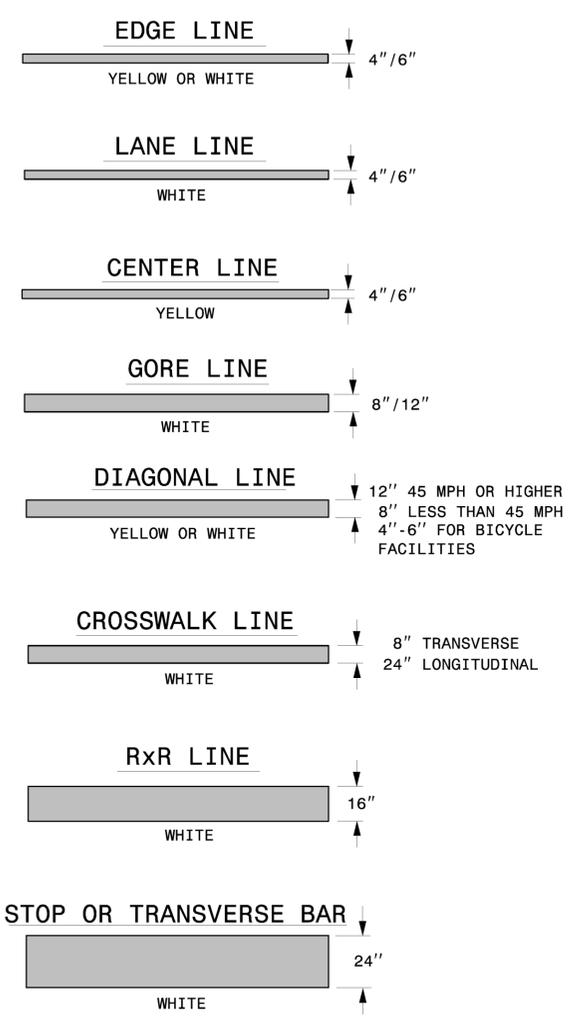
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CHECKED BY:	DATE:
FILE SPEC.:	DATE:

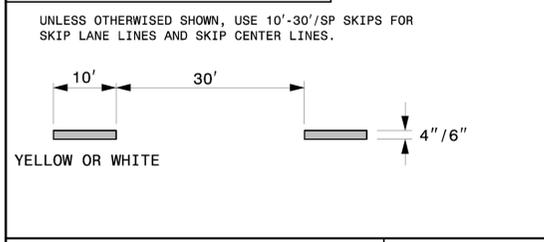
ROADWAY STANDARD DRAWING (1250D01)

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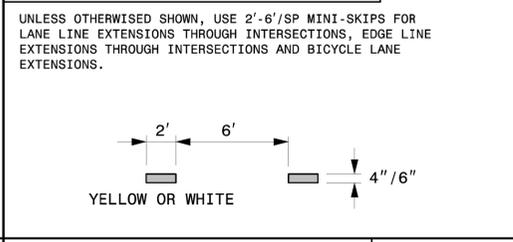
CONTINUOUS LINES



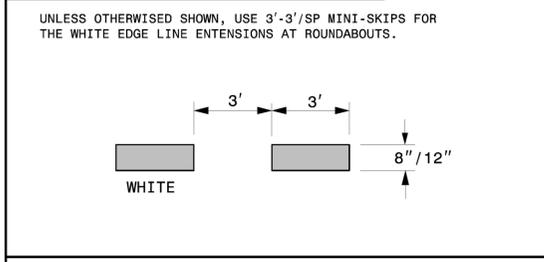
10'-30'/SP SKIP LINE



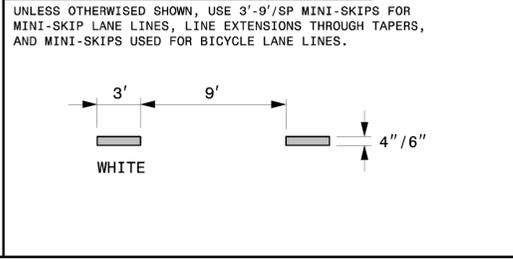
2'-6'/SP MINI-SKIP LINE



3'-3'/SP MINI-SKIP LINE



3'-9'/SP MINI-SKIP LINE



GENERAL NOTES:

- 1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.
- 2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
- 3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
PAVEMENT MARKINGS
LINE TYPES AND OFFSETS

SHEET 1 OF 2
1205D01



Signed by:
Matthew V. Springer, PE
1/27/2026

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AND DEVELOPMENT UNIT**
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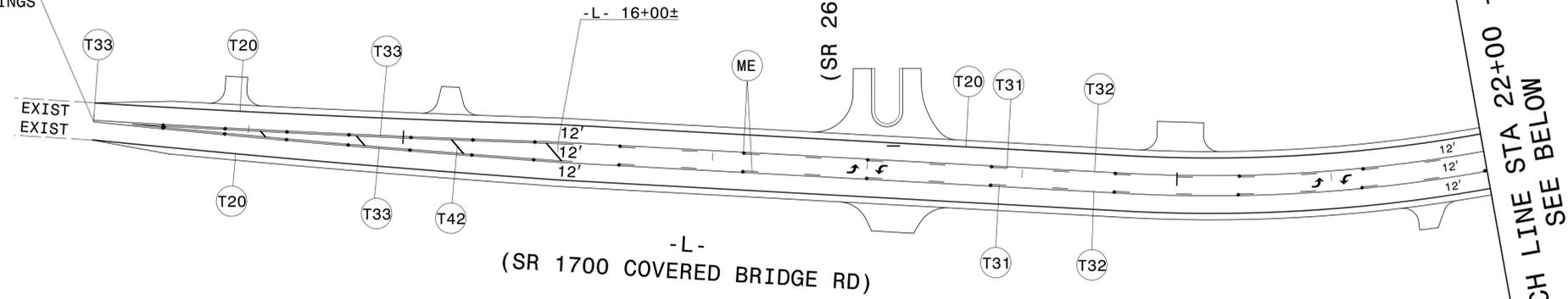
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FILE SPEC.:	

**ROADWAY STANDARD DRAWING
(1205D01)**

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APPROVED:  750B9E9ADEF440	
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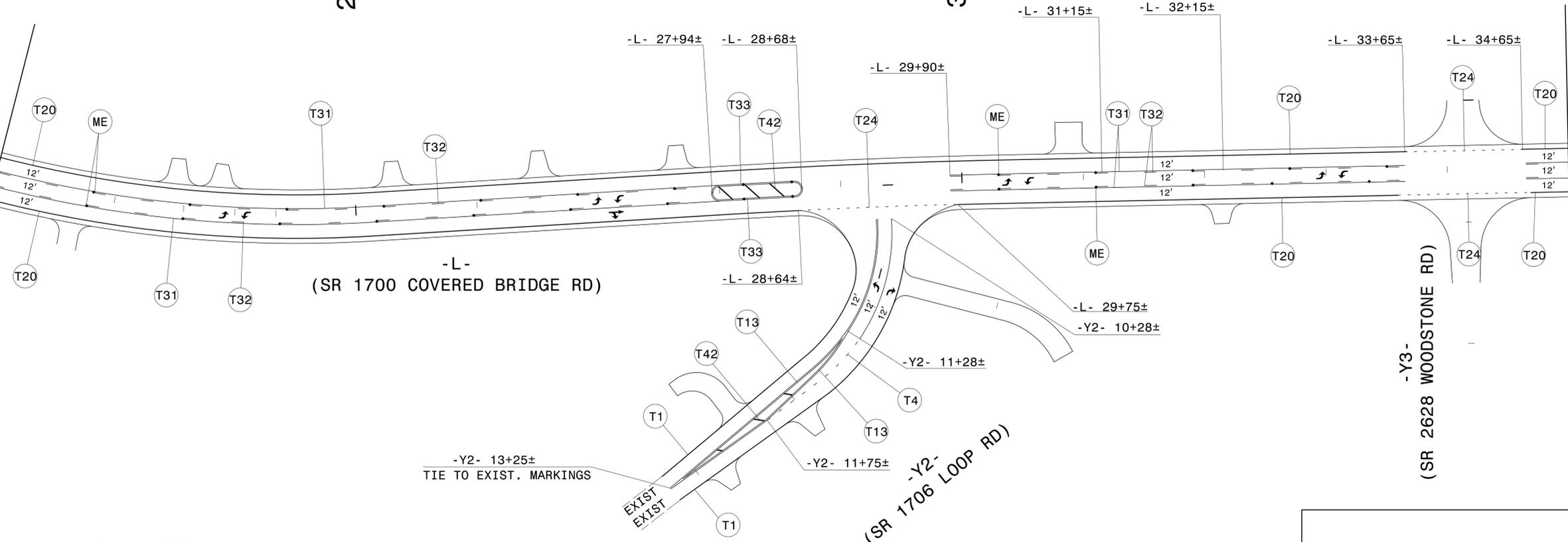
-L- STA. 13+00±
TIE TO EXIST. MARKINGS



MATCH LINE STA 22+00 -L-
SEE BELOW

T70	
T71	
T72	
T74	

MATCH LINE STA 22+00 -L-
SEE ABOVE



MATCH LINE STA 35+00 -L-
SEE SHEET PMP-3

- NOTES
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
 - UNLESS OTHERWISE NOTED PLACE PAVEMENT MARKING SYMBOLS IN ACCORDANCE TO NCDOT STANDARDS
 - (MF) AND (ME) SEE NCDOT STD DRAWINGS 1250.01 AND PMP-1A FOR MARKER LOCATIONS AND SPACING.

PAVEMENT MARKING DETAIL

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 User:brannen

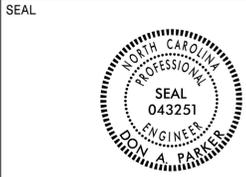
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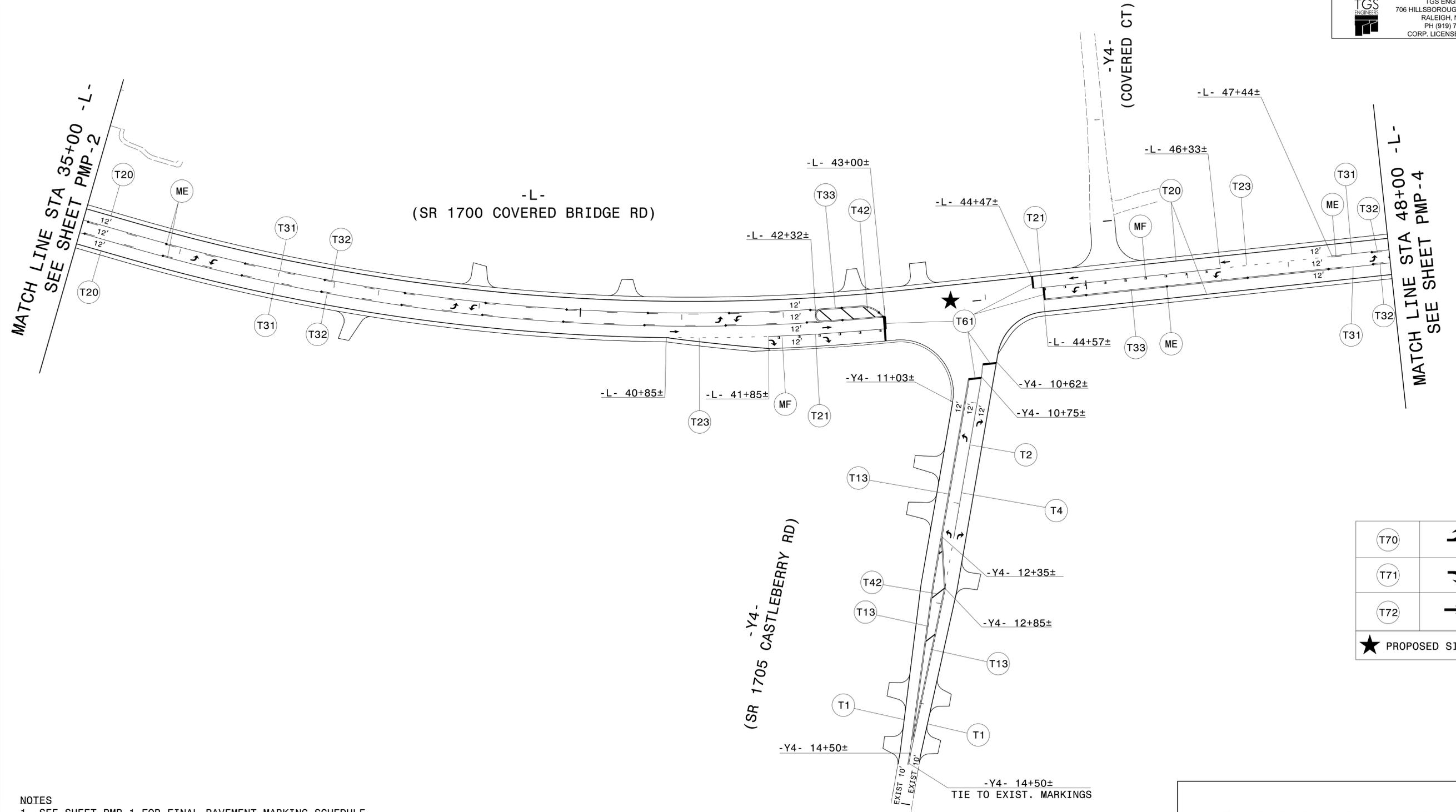
APPROVED: *Don A. Parker, Jr.*
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MATCH LINE STA 35+00 -L-
SEE SHEET PMP-2



MATCH LINE STA 48+00 -L-
SEE SHEET PMP-4

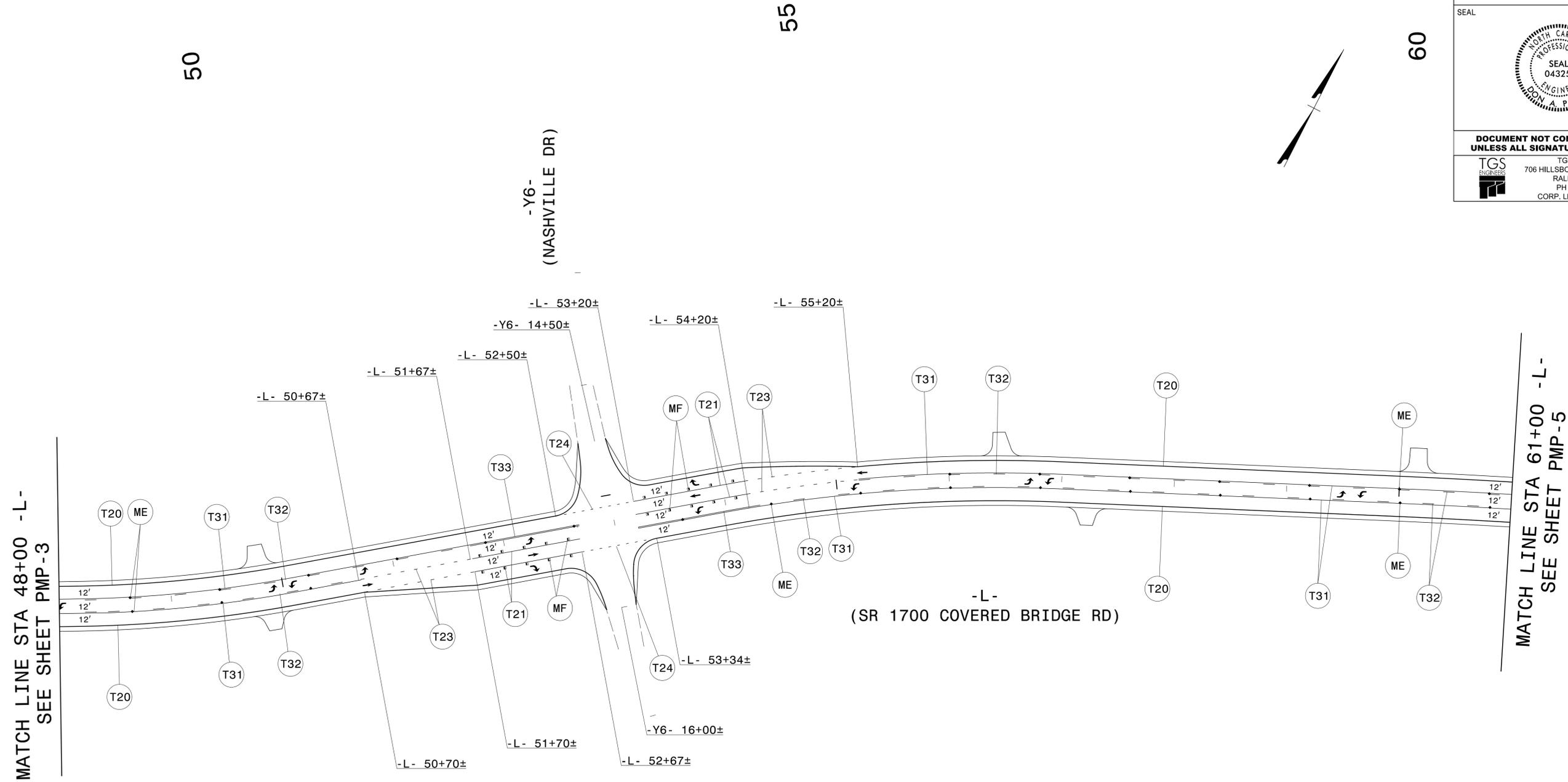
T70	↶
T71	↷
T72	→
★	PROPOSED SIGNAL

- NOTES
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
 - UNLESS OTHERWISE NOTED PLACE PAVEMENT MARKING SYMBOLS IN ACCORDANCE TO NCDOT STANDARDS
 - (MF) AND (ME) SEE NCDOT STD DRAWINGS 1250.01 AND PMP-1A FOR MARKER LOCATIONS AND SPACING.

PAVEMENT MARKING DETAIL

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MATCH LINE STA 48+00 -L-
SEE SHEET PMP-3

MATCH LINE STA 61+00 -L-
SEE SHEET PMP-5

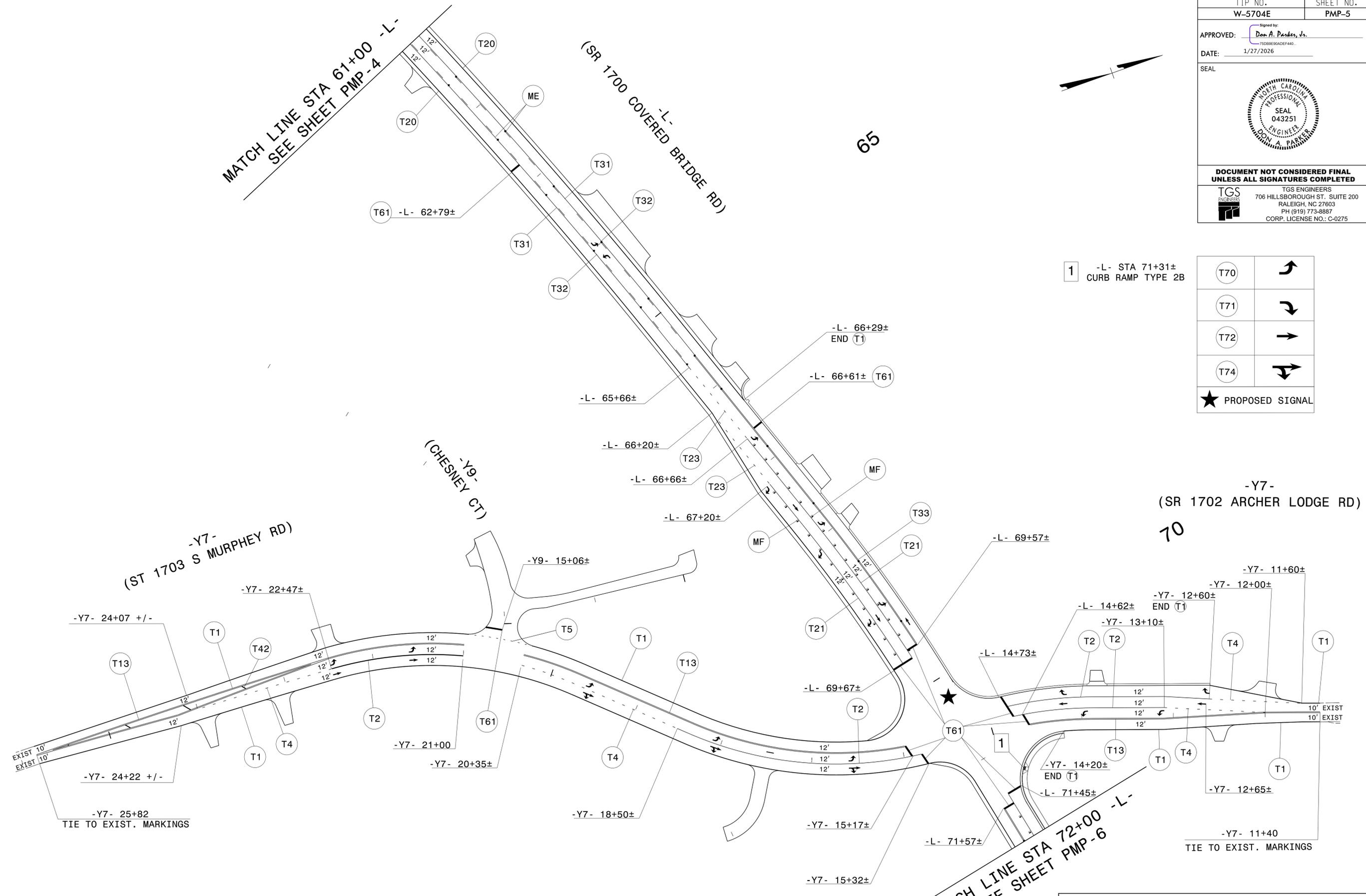
(T70)	
(T71)	
(T72)	

- NOTES
1. SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
 2. UNLESS OTHERWISE NOTED PLACE PAVEMENT MARKING SYMBOLS IN ACCORDANCE TO NCDOT STANDARDS
 3. (MF) AND (ME) SEE NCDOT STD DRAWINGS 1250.01 AND PMP-1A FOR MARKER LOCATIONS AND SPACING.

PAVEMENT MARKING DETAIL

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TIP NO. W-5704E	SHEET NO. PMP-5
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1 -L- STA 71+31±
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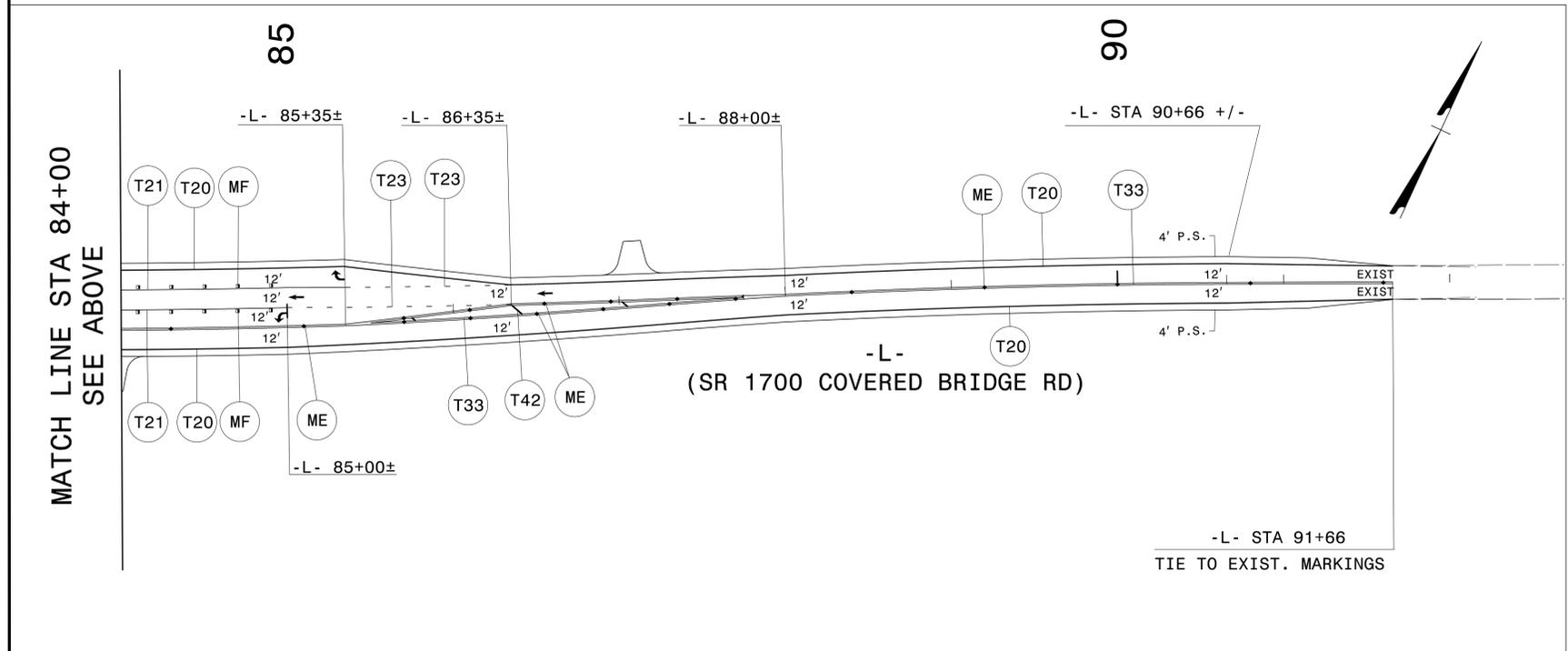
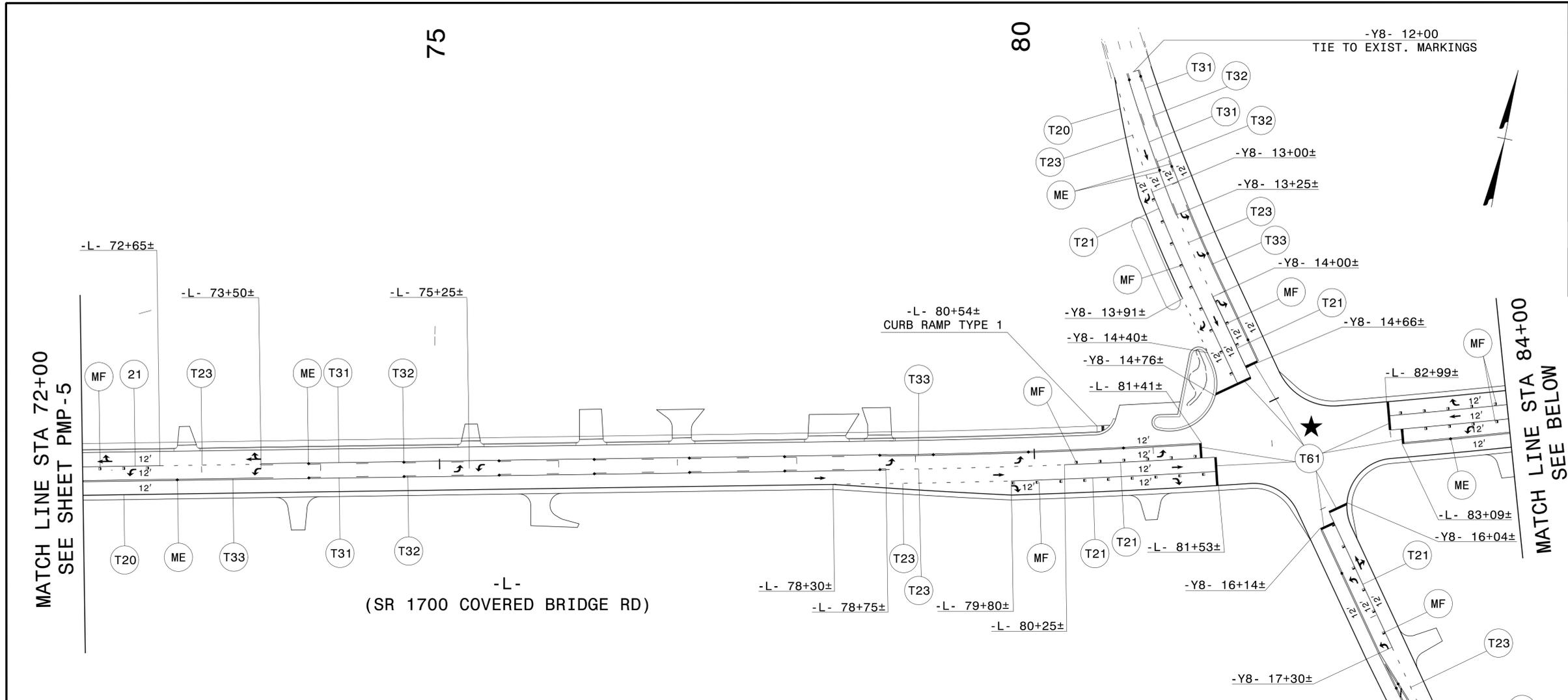
T70	
T71	
T72	
T74	
★ PROPOSED SIGNAL	

- NOTES**
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
 - UNLESS OTHERWISE NOTED PLACE PAVEMENT MARKING SYMBOLS IN ACCORDANCE TO NCDOT STANDARDS
 - MF AND ME SEE NCDOT STD DRAWINGS 1250.01 AND PMP-1A FOR MARKER LOCATIONS AND SPACING.

PAVEMENT MARKING DETAIL

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T70	
T71	
T72	
T4	
★ PROPOSED SIGNAL	

- NOTES
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
 - UNLESS OTHERWISE NOTED PLACE PAVEMENT MARKING SYMBOLS IN ACCORDANCE TO NCDOT STANDARDS
 - (MF) AND (ME) SEE NCDOT STD DRAWINGS 1250.01 AND PMP-1A FOR MARKER LOCATIONS AND SPACING.

PAVEMENT MARKING DETAIL

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