

CONTRACT: C204765

T.I.P.: HL-0033

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

WAKE COUNTY

EXTENSION OF AIRPORT BOULEVARD (SR 3126) FROM
GARDEN SQUARE LANE TO CHURCH STREET (SR 1637)
IN MORRISVILLE

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, INDEX, STANDARD DRAWINGS AND GENERAL NOTES
PMP-1A	IN LIEU OF STANDARDS
PMP-1B	PAVEMENT MARKING SCHEDULE
PMP-2 THRU PMP-5	PAVEMENT MARKING DETAIL

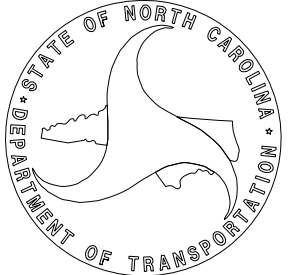
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" CCONTRACTS STANDARDS AND DEVELOPMENT 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
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.16	PAVEMENT MARKINGS - BICYCLE FACILITIES
1250.01	RAISED PAVEMENT MARKINGS - INSTALLATION SPACING
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

PLAN REVIEWED BY: NCDOT SIGNING AND DELINEATION UNIT

<u>MITCH EATON, PE</u>	SIGNING AND DELINEATION REGIONAL ENGINEER
<u>DERRICK H. BEARD</u>	SIGNING AND DELINEATION PROJECT DESIGN ENGINEER



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 |
|--------------|---------------|--------------------------------|
| AIRPORT BLVD | THERMOPLASTIC | POLYCARBONATE H-SHAPED MARKERS |
| -Y- LINES | THERMOPLASTIC | NONE |
- 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.
- F) 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.
- G) ALL BICYCLE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE HEATED-IN-PLACE PAY ITEM.

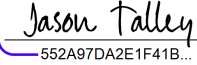
PLAN PREPARED BY: LOCHNER

<u>REID CROSSER, EI</u>	DESIGN TECHNICIAN
<u>JASON TALLEY, PE</u>	PROJECT ENGINEER



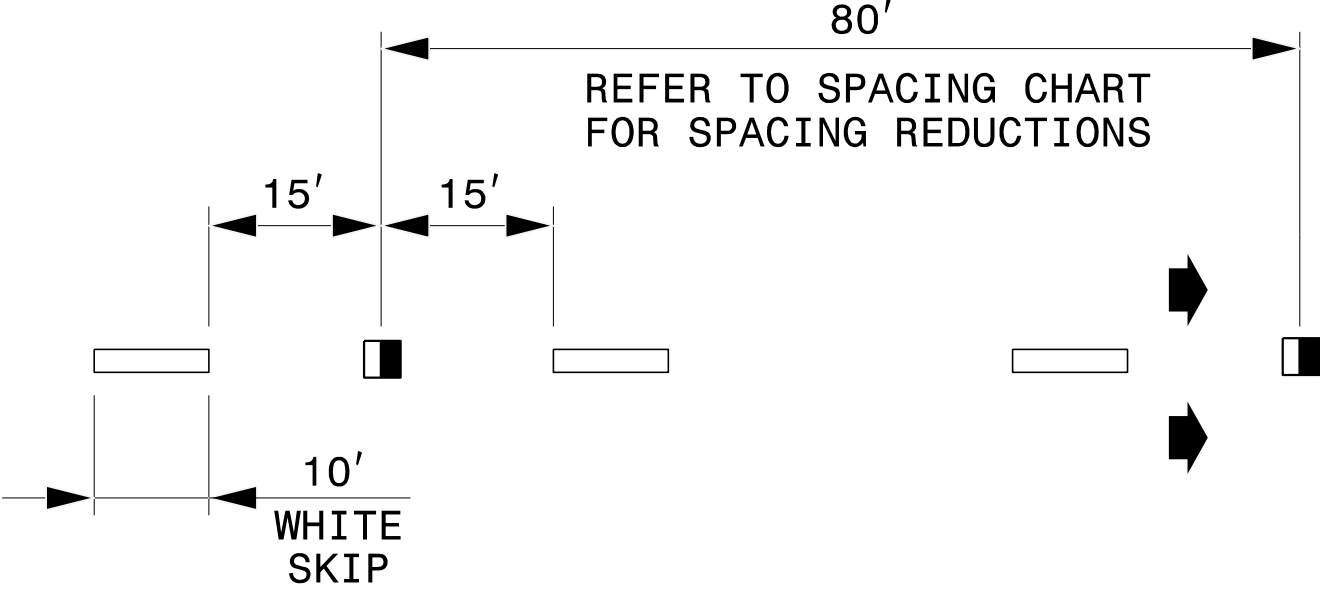
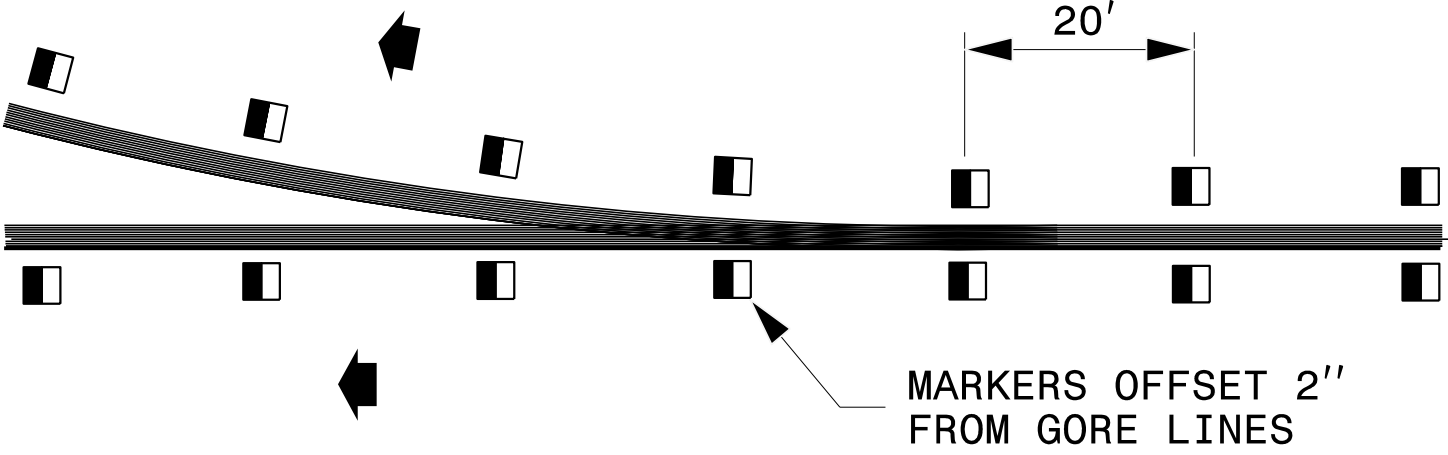
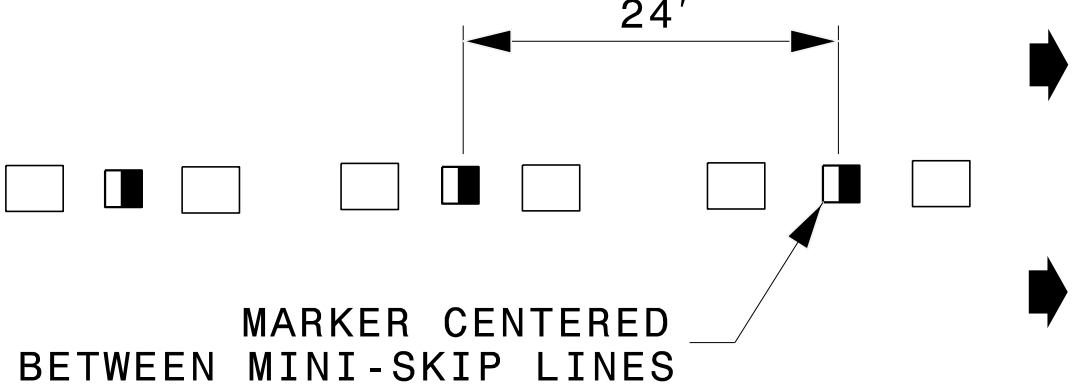
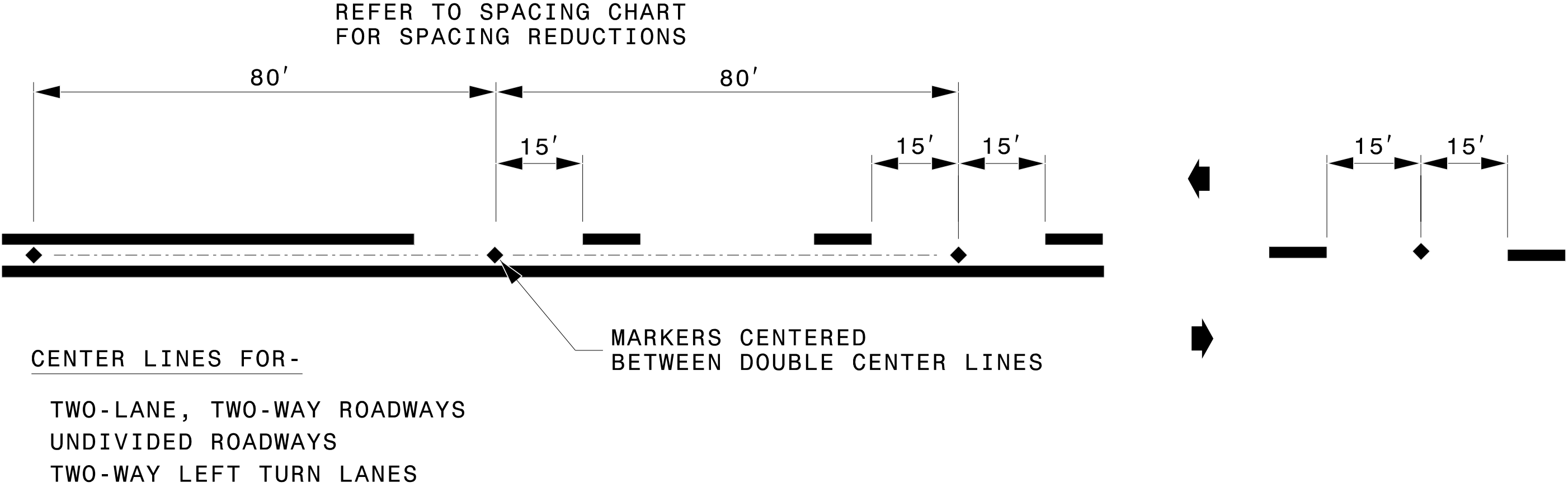
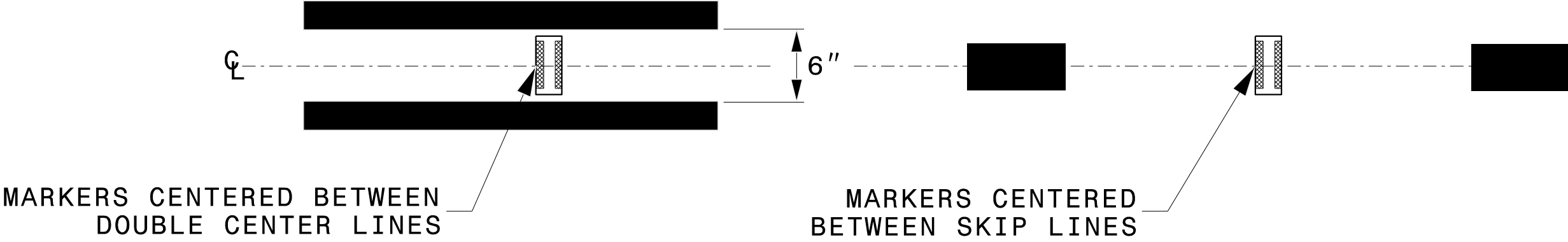
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2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919)571-7111

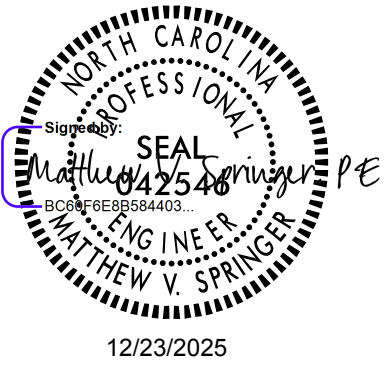
NC License
Number F-0159

TIP NO.	SHEET NO.
HL - 0033	PMP - 1
APPROVED: Signed by:  SS02497042E1F41B	
DATE: 12/23/2025	
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LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919) 571-7111

NC License
Number: 60035
vhb
VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27605

10'-30'/SP SKIP LINE 	GORE LINES 	STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
3'-9'/SP MINI-SKIP LINE 	YELLOW CENTER LINES 	
LEGEND - CRYSTAL/RED PAVEMENT MARKER - YELLOW/YELLOW PAVEMENT MARKER - DIRECTION OF TRAFFIC FLOW	DETAIL OF PAVEMENT MARKER PLACEMENT RAISED REFLECTIVE PAVEMENT MARKERS 	
		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.:

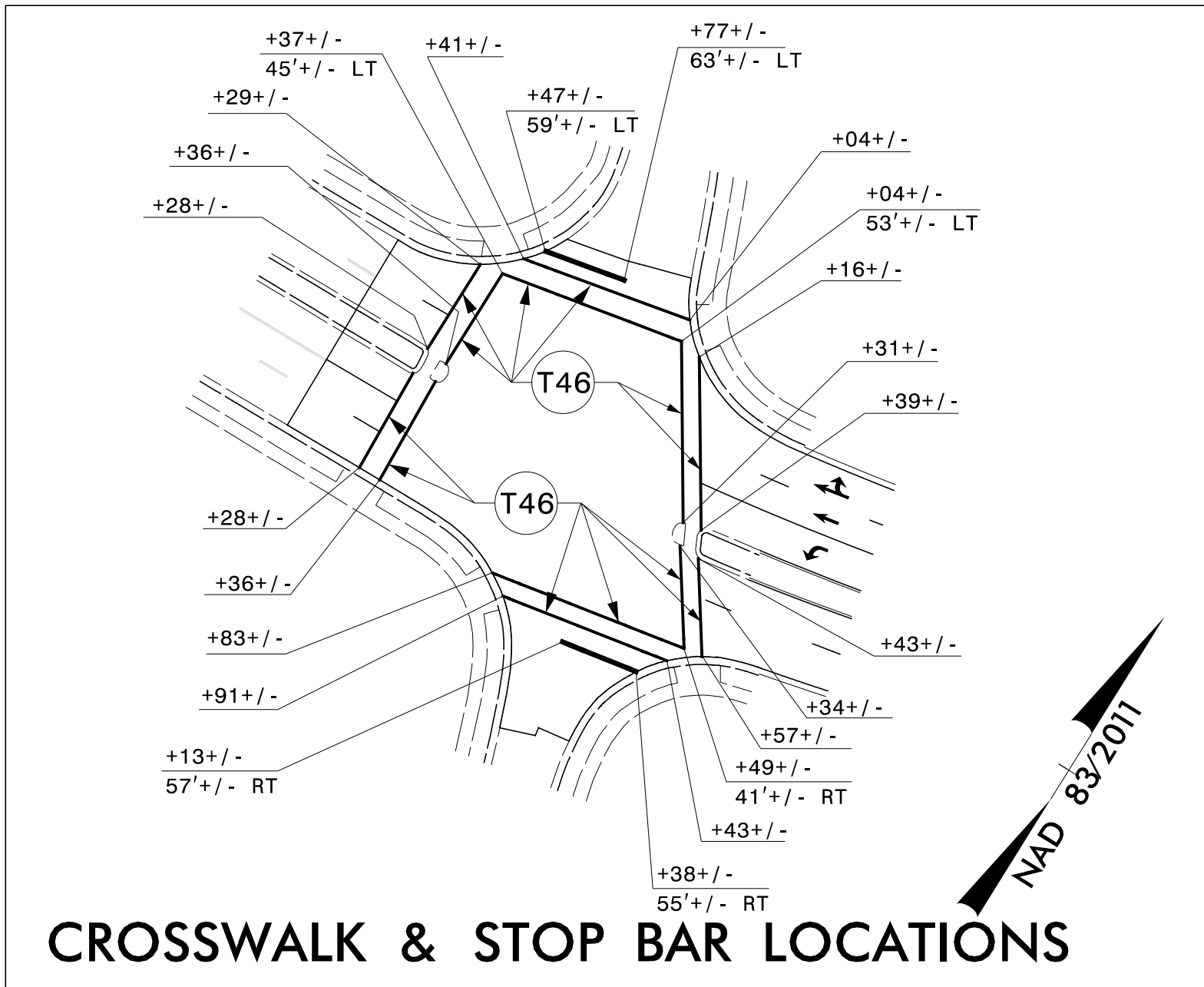
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User:ctfarrell

PAVEMENT MARKING SCHEDULE	
SYMBOL	ITEM DESCRIPTION
	<u>THERMOPLASTIC (4", 90 MIL)</u>
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	10 FT. WHITE SKIP
T4	3 FT. - 9 FT./SP WHITE MINISKIP
T5	2 FT. - 6 FT./SP WHITE MINISKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER
	<u>THERMOPLASTIC (8", 90 MIL)</u>
T42	YELLOW DIAGONAL
T46	WHITE CROSSWALK LINE
	<u>THERMOPLASTIC (12", 90 MIL)</u>
T51	WHITE DIAGONAL
T52	YELLOW DIAGONAL
	<u>THERMOPLASTIC (24", 90 MIL)</u>
T61	WHITE STOPBAR
T62	WHITE CROSSWALK LINE
	<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90, MIL)</u>
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T74	COMBO. RIGHT/STRAIGHT ARROW
T90	BICYCLE SYMBOL, HEATED-IN-PLACE
T91	BICYCLE STRAIGHT ARROW, HEATED-IN-PLACE
	<u>THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90, MIL)</u>
T100	ALPHANUMERIC CHAR.
	<u>THERMOPLASTIC 12" YIELD LINE TRIANGLE (90, MIL)</u>
T102	12" YIELD LINE TRIANGLE

TIP NO.	SHEET NO.
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NAD 83/2011

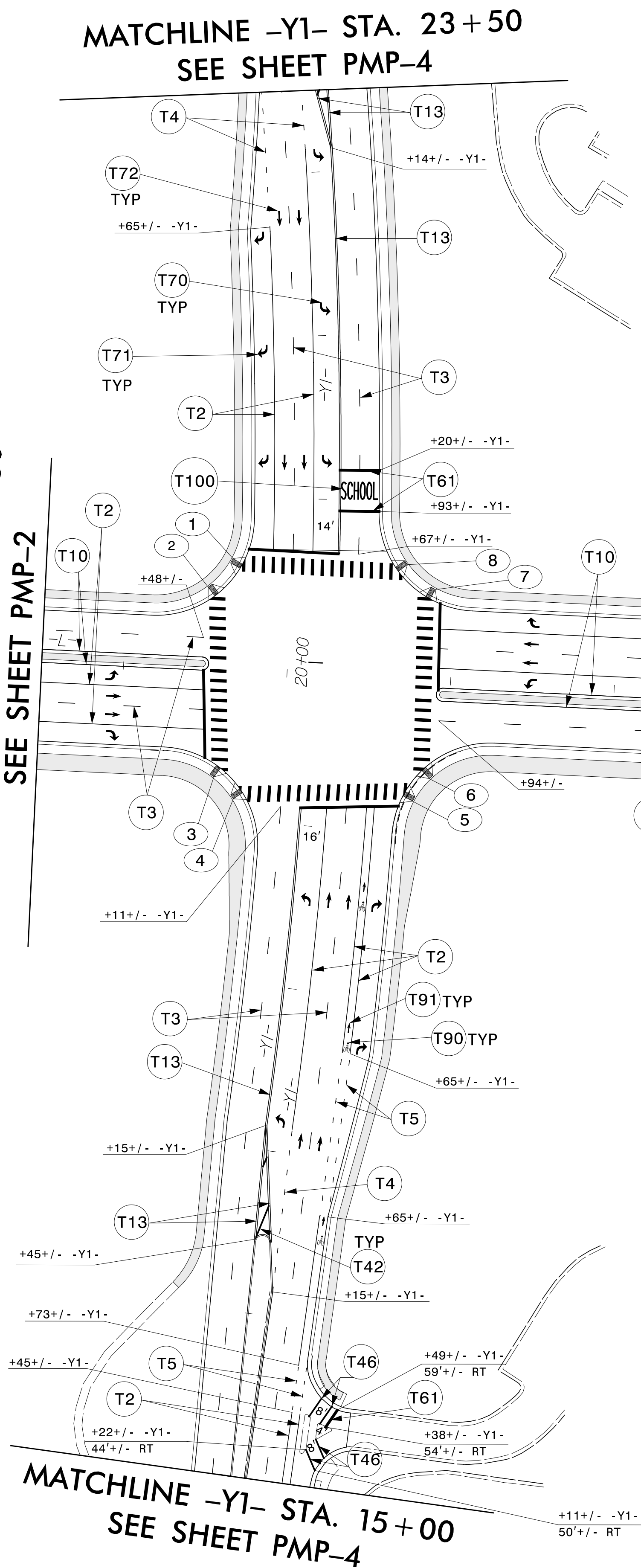
MATCHLINE -L- STA. 25 + 50
SEE SHEET PMP-3



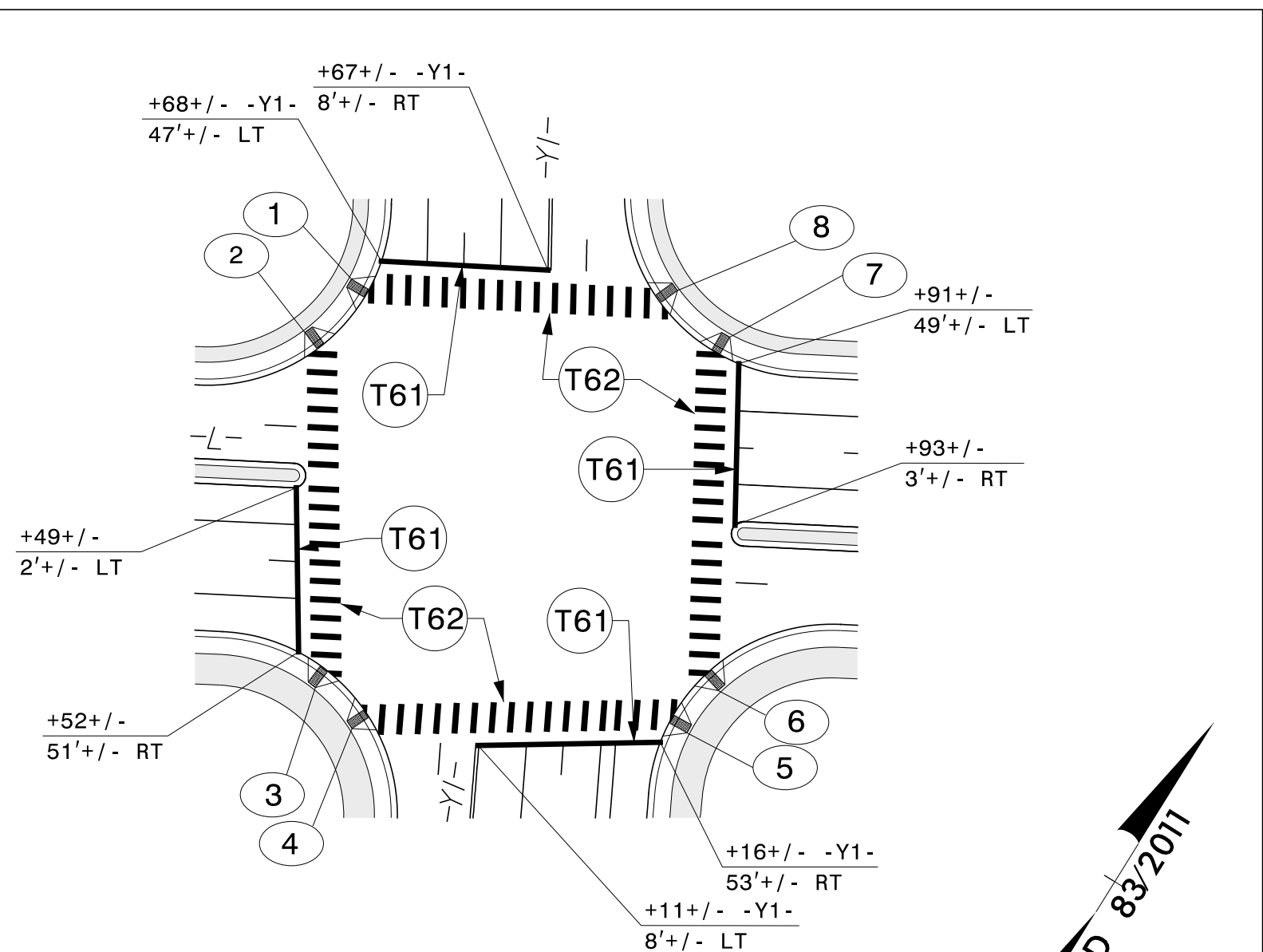
PAVEMENT MARKING DETAIL

11/2/2025
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User:ctfarrell

MATCHLINE -L- STA. 25+50
SEE SHEET PMP-2

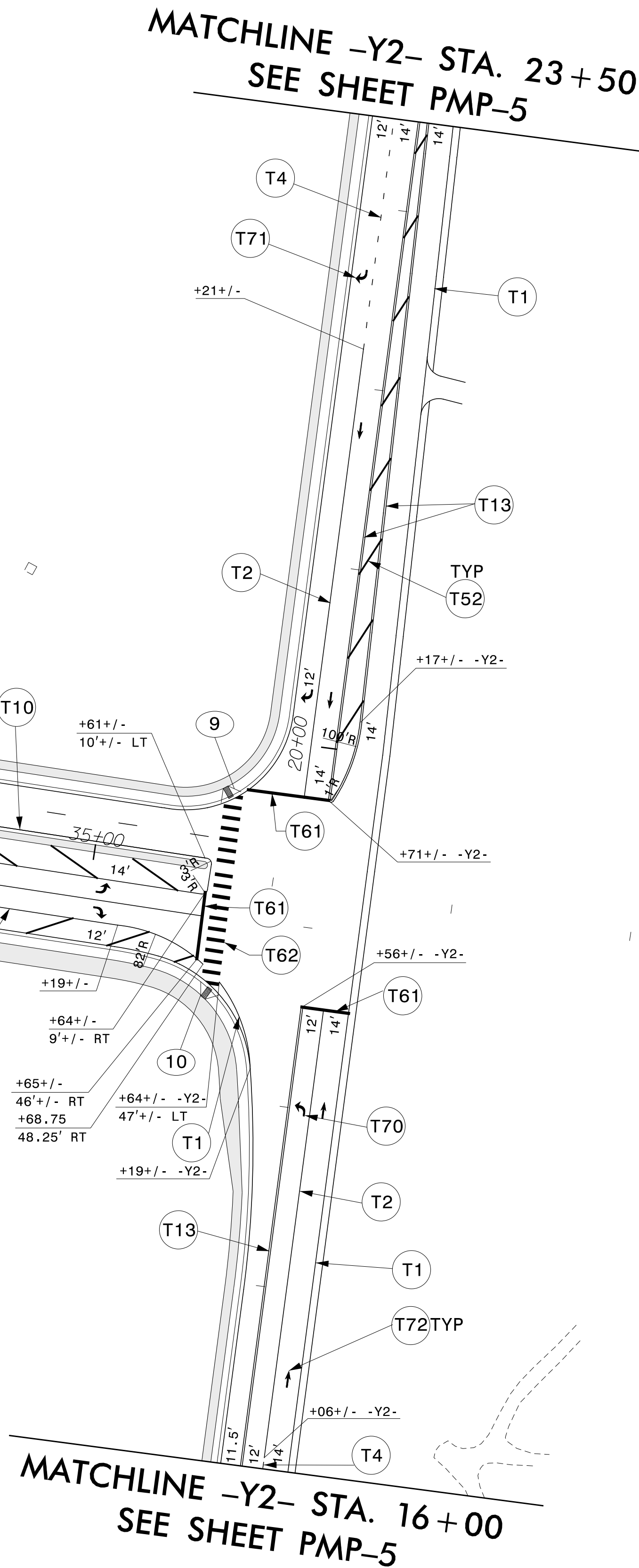


- CURB RAMP LOCATIONS (STANDARD)
- 1 -Y1- STA 20+60+/- / 51'+/- LT
 - 2 -L- STA 26+55+/- / 49'+/- LT
 - 3 -L- STA 26+62+/- / 57'+/- RT
 - 4 -Y1- STA 19+17+/- / 43'+/- LT
 - 5 -Y1- STA 19+25+/- / 55'+/- RT
 - 6 -L- STA 27+85+/- / 53'+/- RT
 - 7 -L- STA 27+82+/- / 54'+/- LT
 - 8 -Y1- STA 20+57+/- / 45'+/- RT
 - 9 -L- STA 35+72+/- / 45'+/- LT
 - 10 -L- STA 35+74+/- / 59'+/- RT



STANDARD CURB RAMP, SEE
RSD 848.06, SHEET 1 OF 5

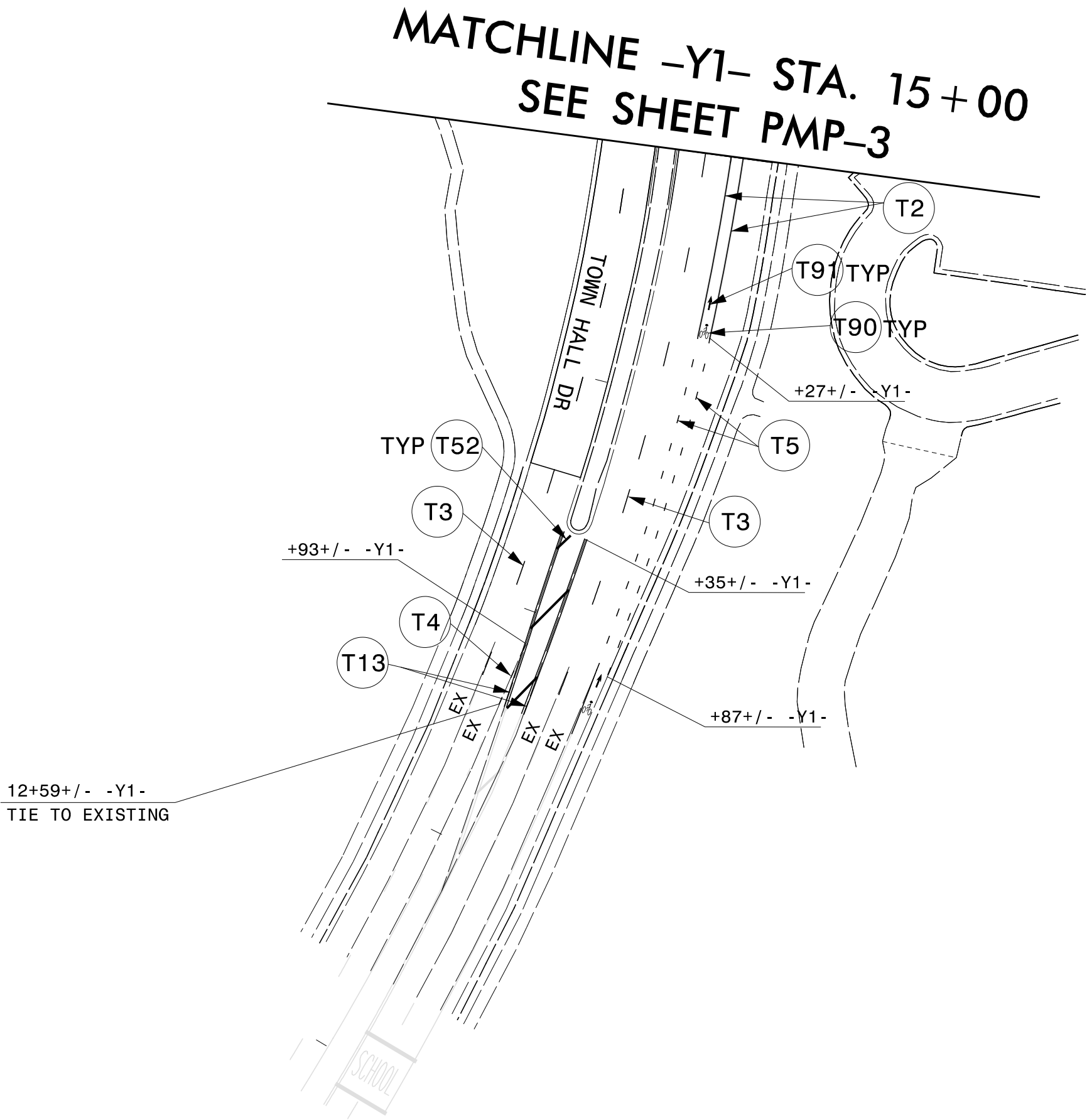
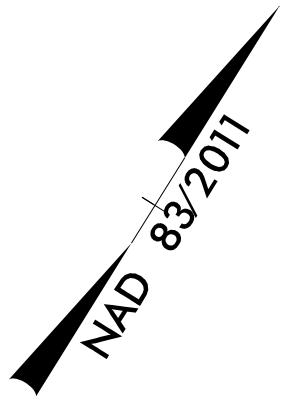
CROSSWALK & STOP BAR LOCATIONS



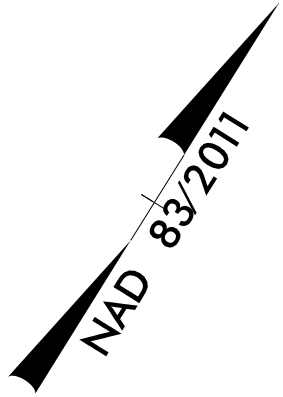
NOTES:
12' LANES UNLESS OTHERWISE NOTED.
STA. BASED ON -L- UNLESS OTHERWISE NOTED.

PAVEMENT MARKING DETAIL

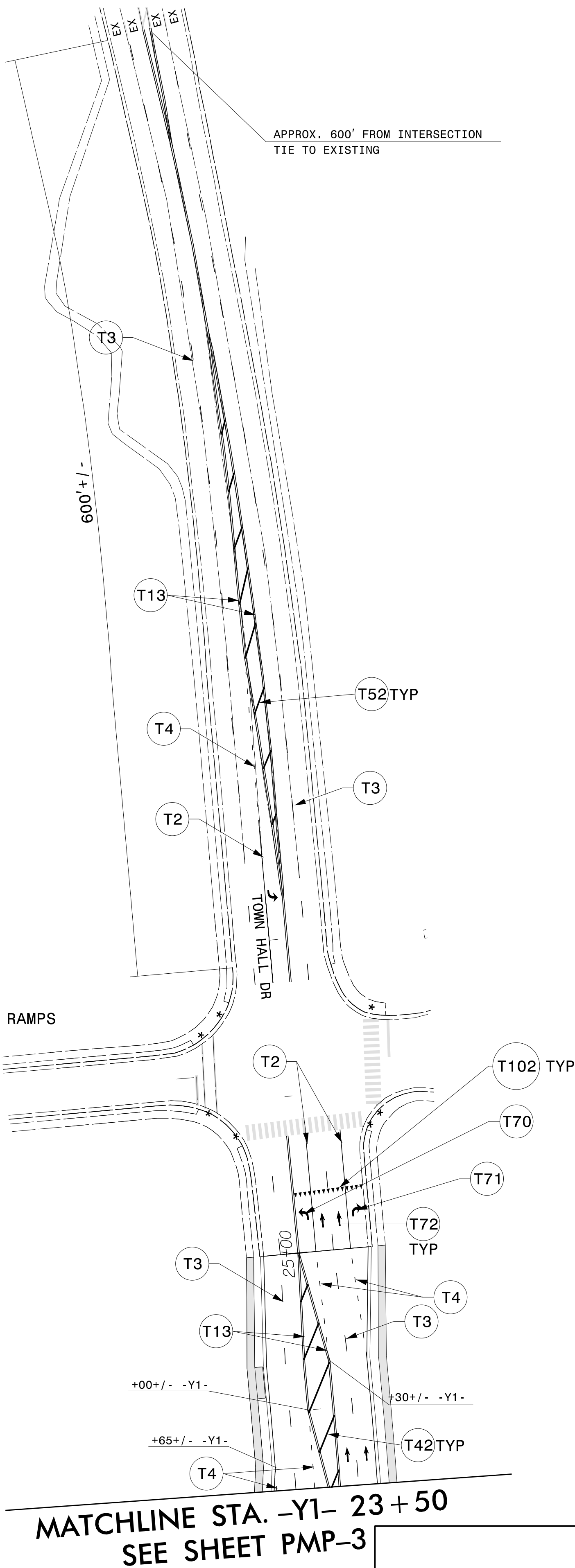
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APPROVED: <i>Jason Talley</i> 12/23/2025	
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NOTES:
12' LANES UNLESS OTHERWISE NOTED.
STA. BASED ON -L- UNLESS OTHERWISE NOTED.
APPLY PERMANENT PAVEMENT MARKINGS TO THE LIMITS OF THE MILL AND FILL OPERATION ON TOWN HALL DRIVE.

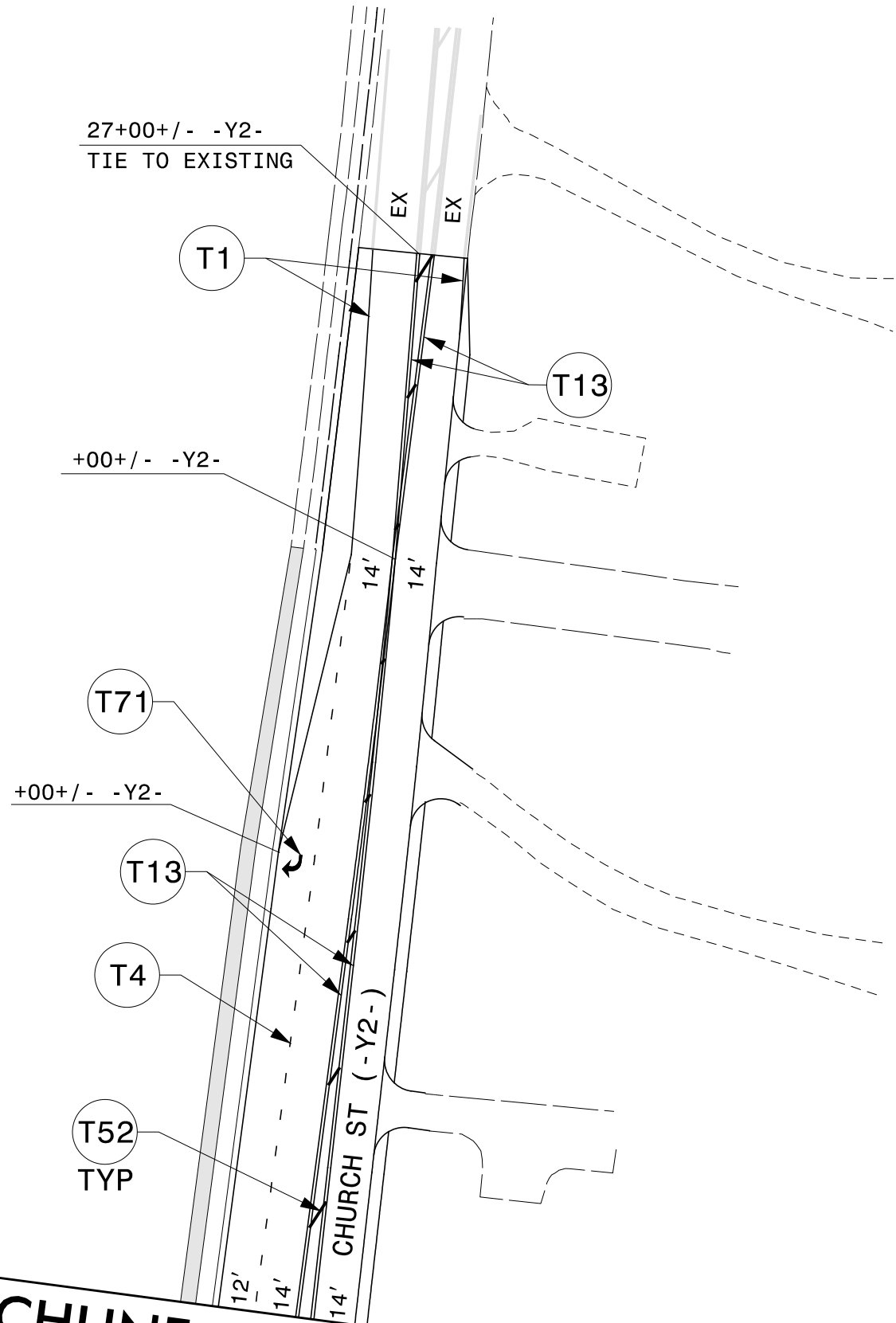
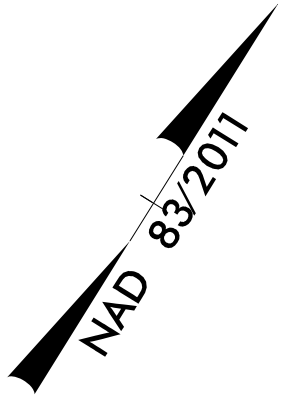


*RETAIN EXISTING CURB RAMPS

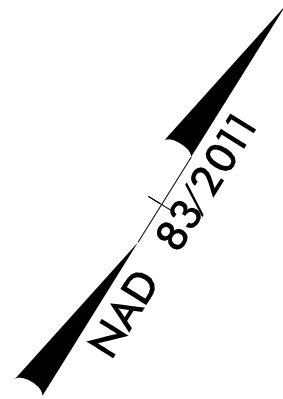


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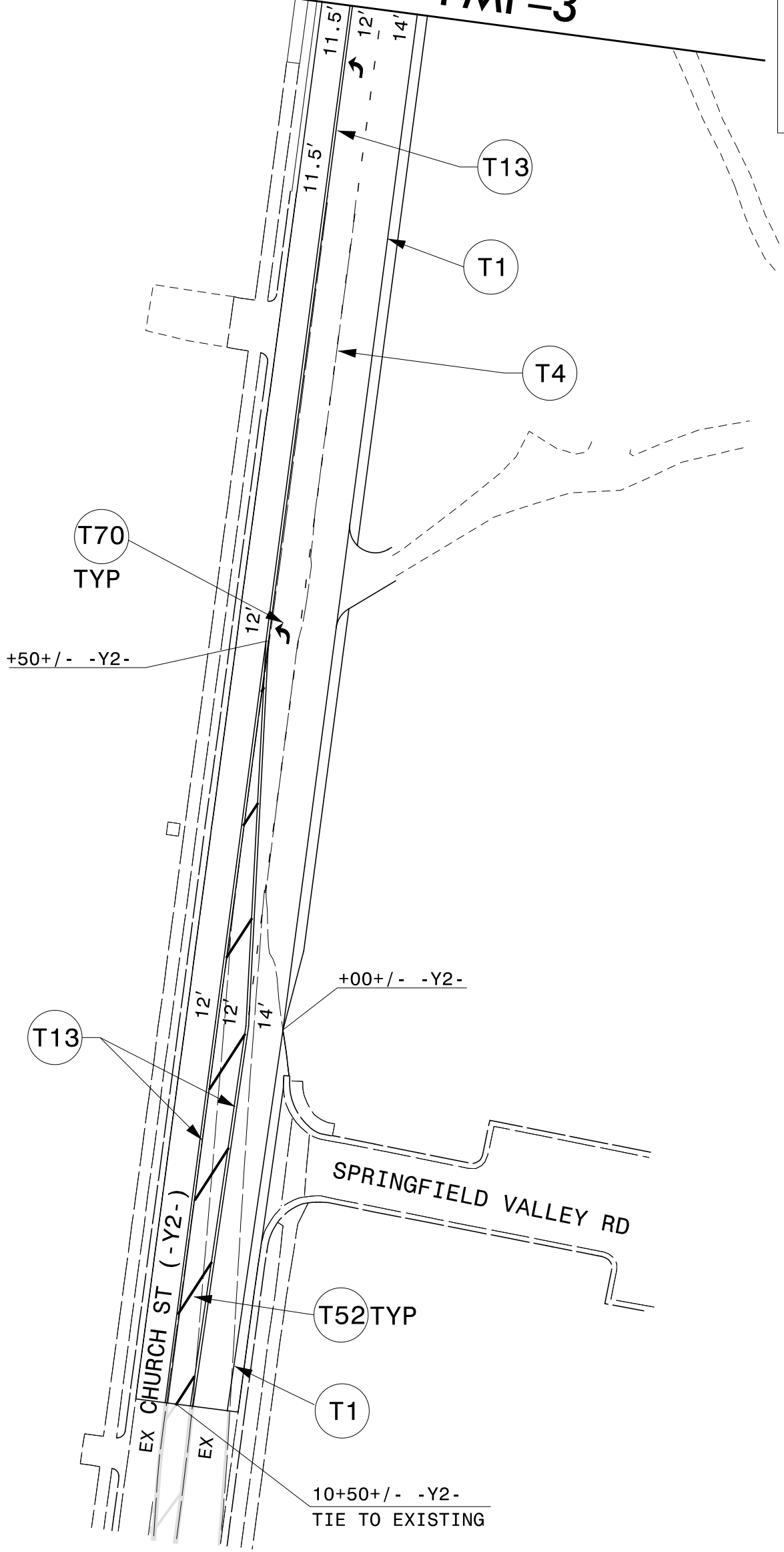
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MATCHLINE STA. -Y2- 23+50
SEE SHEET PMP-3



MATCHLINE STA. -Y2- 16+00
SEE SHEET PMP-3



NOTES:
12' LANES UNLESS OTHERWISE NOTED.
STA. BASED ON -L- UNLESS OTHERWISE NOTED.

PAVEMENT MARKING DETAIL

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