


PROJECT REFERENCE NO.	SHEET NO.
I - 2513AA/AB	PMP - 1
APPROVED: <i>Andrew D. Klinksiek</i> <small>DocuSigned by: Andrew D. Klinksiek E3D78FB459E448</small>	
DATE: 2/1/2024	
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
BUNCOMBE COUNTY**

**LOCATION: I-40 FROM EAST OF SR 1224 (MONTE VISTA RD) TO
WEST OF SR 3412 (SAND HILL RD) AND I-40 AT I-26 AND
US 19 /23 INTERCHANGES**

CONTRACT: C204878 T.I.P.: I-2513AA/AB

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - CONTRACT 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 MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.17	PAVEMENT MARKINGS - SIDE-BY-SIDE/ADJACENT ON/OFF RAMP
	PAVEMENT MARKING LANE TREATMENT
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
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:

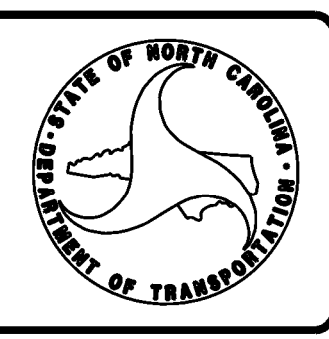
ROAD TYPE	MARKING	MARKER
INTERSTATES	POLYUREA	SNOWPLOWABLE
CONCRETE BRIDGE DECKS	POLYUREA	NONE
RAMP AND -Y- LINES	POLYUREA	SNOWPLOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
- G) 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.
- H) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-17	PAVEMENT MARKING DETAIL

PLAN PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT

Kelvin L. Jordan SIGNING & DELINEATION REGIONAL ENGINEER
Eric Ward SIGNING & DELINEATION PROJECT DESIGN ENGINEER

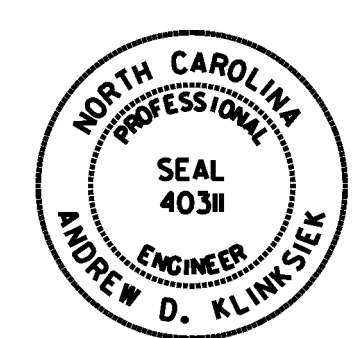


PLAN PREPARED BY: HNTB NORTH CAROLINA, P.C.

A.D. Klinksiek, PE, PTOE PROJECT ENGINEER
J.A. Wagner, PE DESIGN ENGINEER

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PROJECT REFERENCE NO. I - 2513AA/AB	SHEET NO. PMP - 2
APPROVED: <i>Andrew D. Hinkley</i> <small>ES078FB459E44B</small>	
DATE: 2/1/2024	
	
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FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
POLYUREA (4", 20 MILS)		
	V2	WHITE SOLID LANE LINE
	V4	3 FT.-9 FT./SP WHITE MINISKIP
	V13	YELLOW DOUBLE CENTER
	V14	2 FT.-6 FT./SP YELLOW MINISKIP
POLYUREA (6", 20 MILS)		
	V20	WHITE EDGELINE
	V21	WHITE SOLID LANE LINE
	V22	10 FT. WHITE SKIP
	V23	3 FT.-9 FT./SP WHITE MINISKIP
	V24	2 FT.-6 FT./SP WHITE MINISKIP
	V30	YELLOW EDGELINE
POLYUREA (8", 20 MILS)		
	V40	WHITE GORELINE
POLYUREA (12", 20 MILS)		
	V50	WHITE GORELINE
	V53	WHITE SOLID LANE LINE
	V54	3 FT.-9 FT./SP WHITE MINISKIP
THERMOPLASTIC (12", 90 MILS)		
	T51	WHITE DIAGONAL
	T52	YELLOW DIAGONAL
THERMOPLASTIC (24", 90 MILS)		
	T61	WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)		
	T70	LEFT TURN ARROW
	T71	RIGHT TURN ARROW
	T72	STRAIGHT ARROW
	T74	COMBO. RIGHT/STRAIGHT ARROW
	T79	MERGE ARROW
	T80	WRONG-WAY RAMP ARROW
	T81	ELONGATED STRAIGHT ARROW
THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)		
	T100	ALPHANUMERIC CHAR.
	T104	ROUTE SHIELD 6 FT x 15 FT
SNOWPLOWABLE PAVEMENT MARKERS (NOT SHOWN)		
	ME	YELLOW & YELLOW
	MF	CRYSTAL & RED


LEGEND

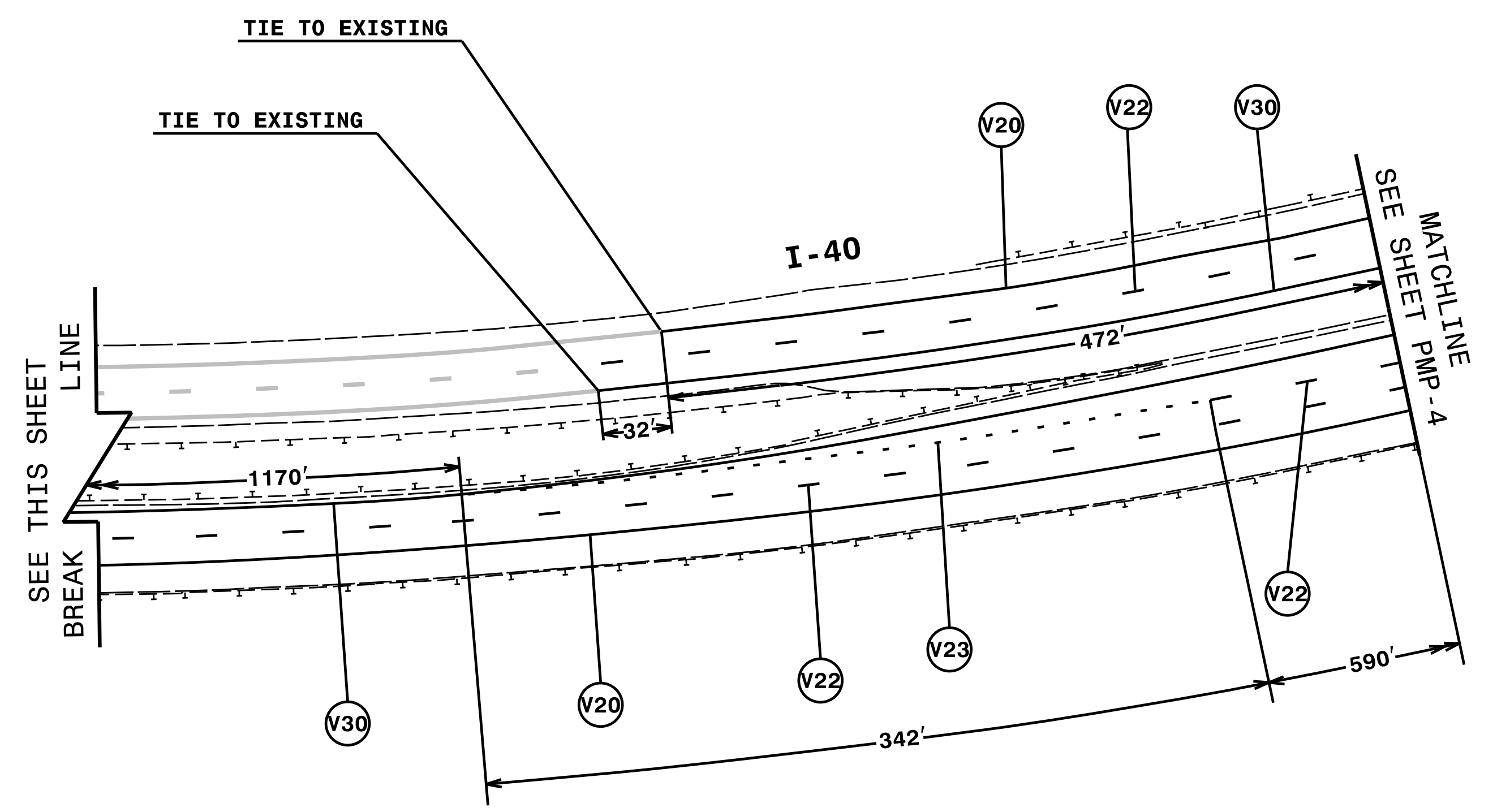
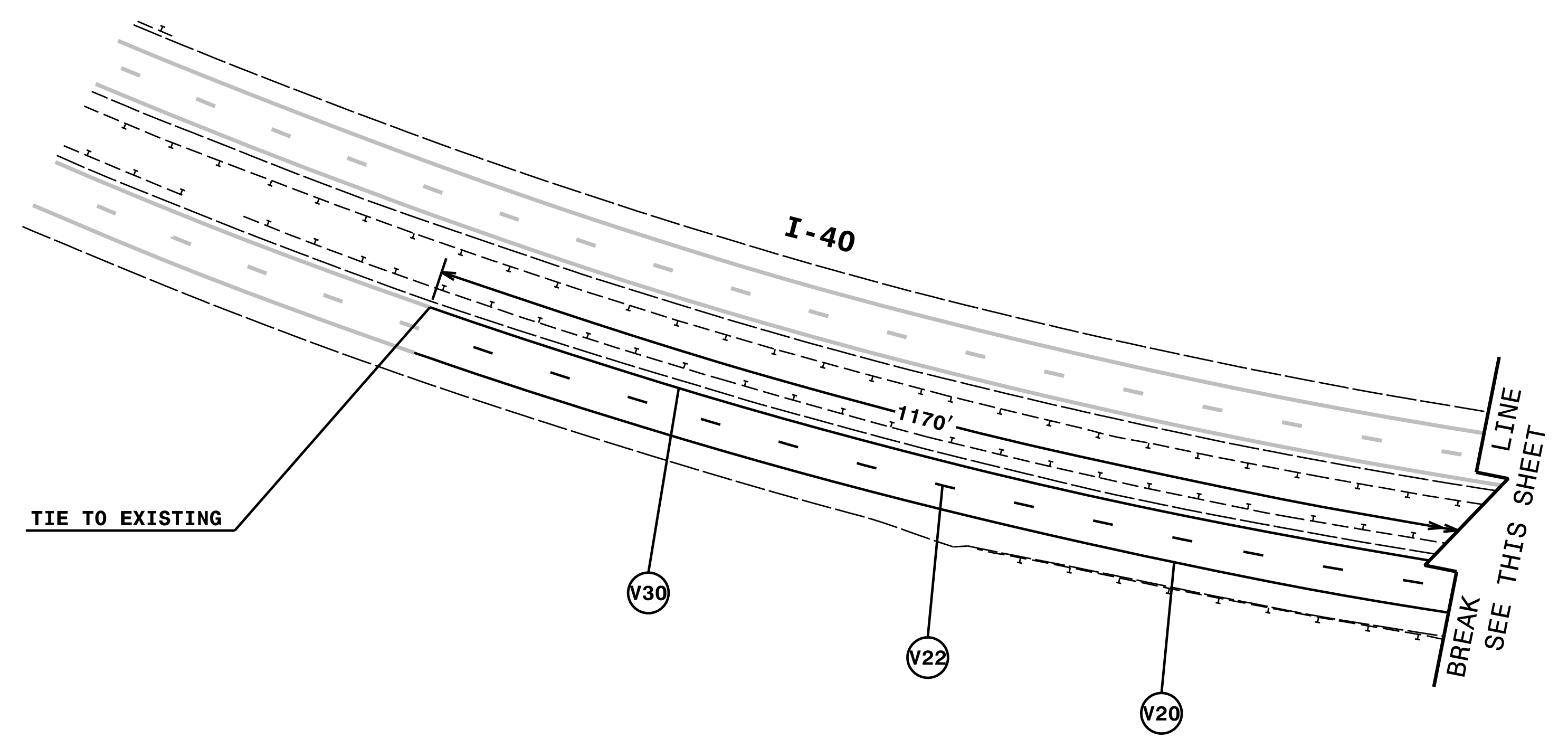
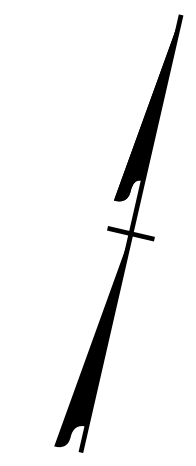
- GENERAL**
- DIRECTION OF TRAFFIC FLOW
 - NORTH ARROW
 - PROPOSED PVMT. EXIST. PVMT.
- PAVEMENT MARKINGS**
- PAVEMENT MARKING SYMBOLS
 - ONLY PAVEMENT MARKING CHARACTERS

PAVEMENT MARKING SYMBOLS

	T70			T80
	T71			T81
	T72		ONLY	T100
	T74			T104
	T79			

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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-3
APPROVED: <i>Andrew D. Klinkstein</i> E3078784596448	
DATE: 2/1/2024	
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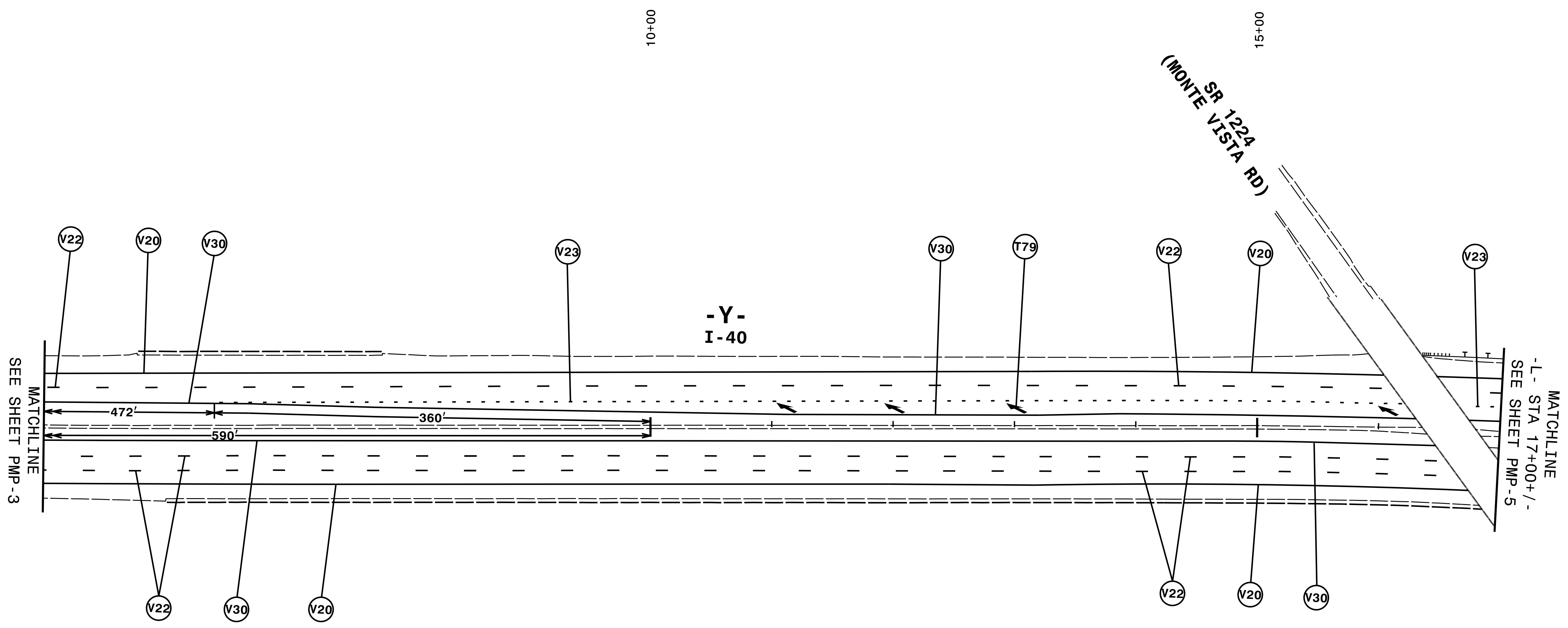
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PAVEMENT MARKING DETAIL

PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-4
APPROVED: <i>Andrew D. Klink</i> E3078784596E44B	
DATE: 2/1/2024	
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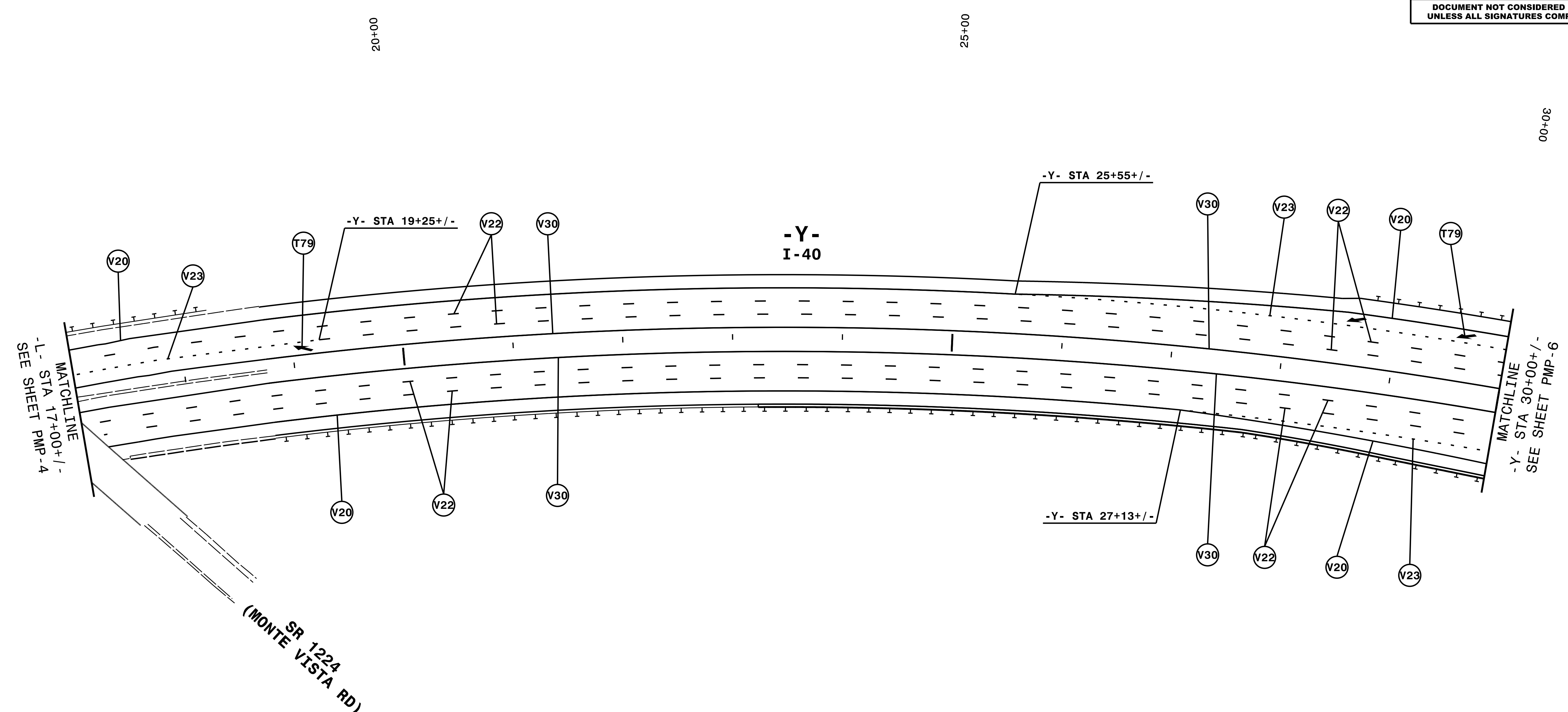
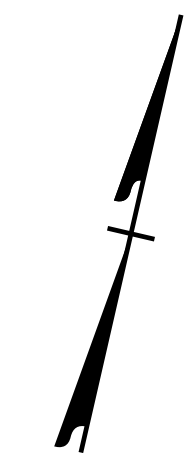
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-5
APPROVED: <i>Andrew D. Klinkster</i> E3078FB459E44B	
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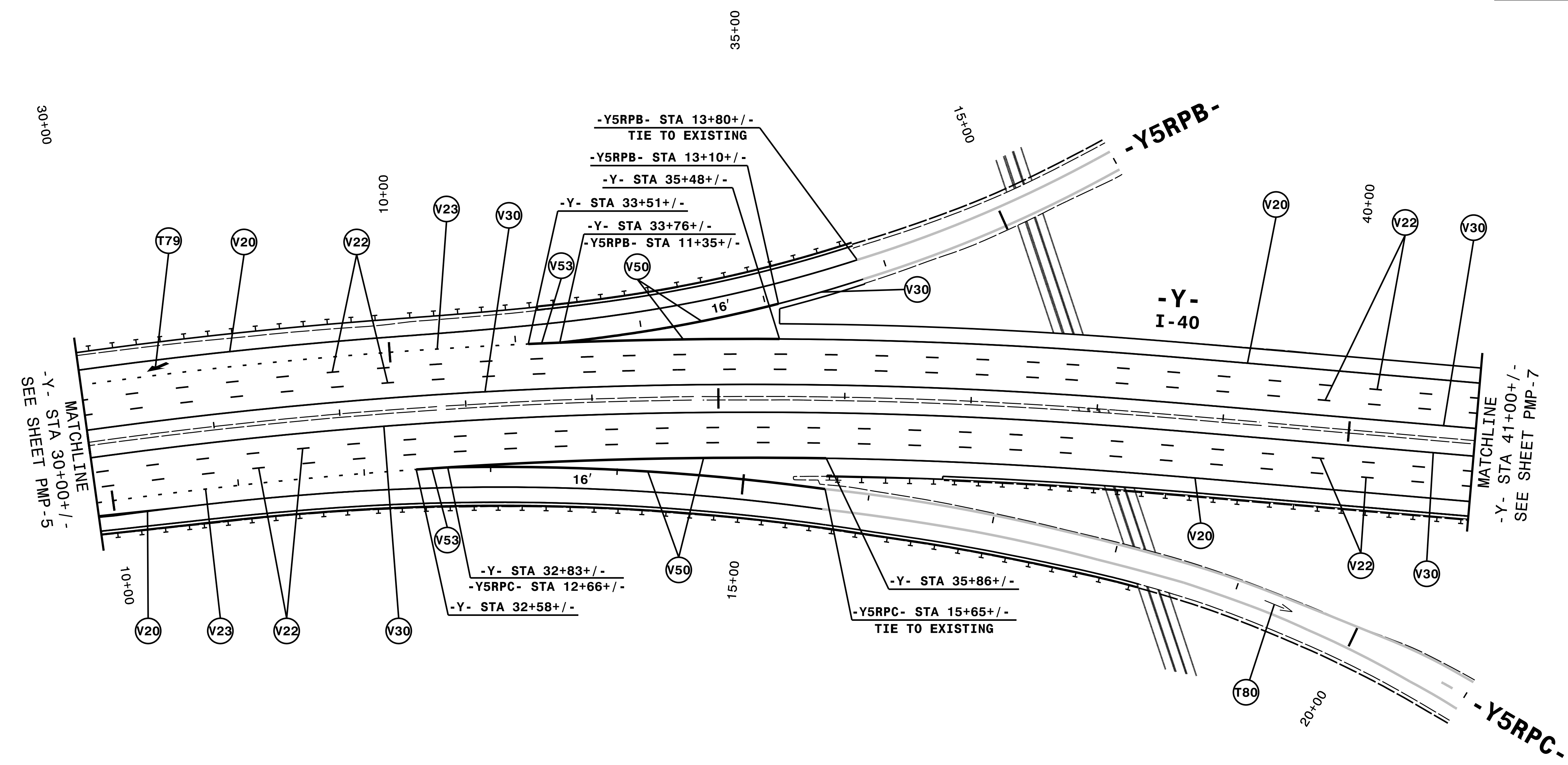
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-6
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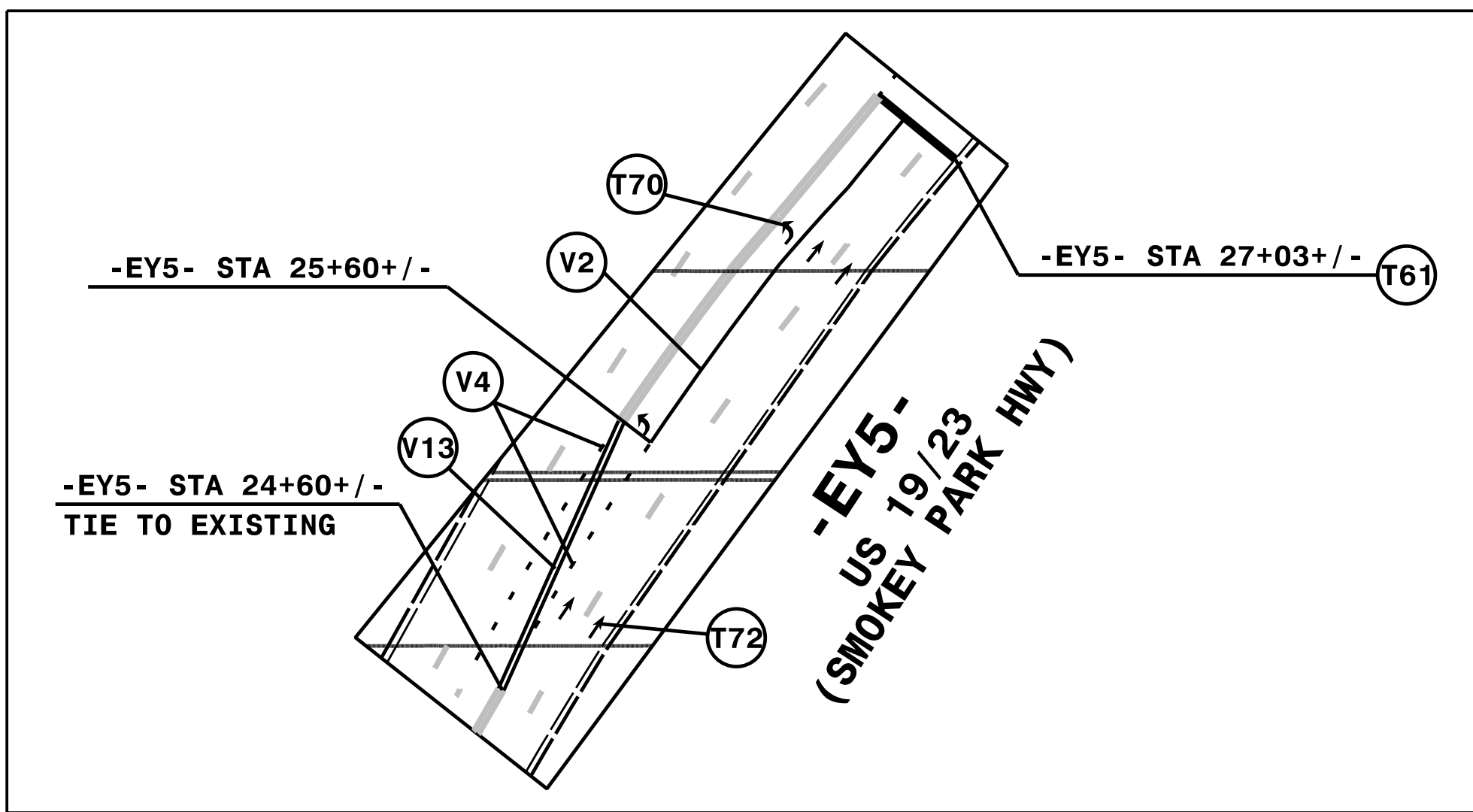
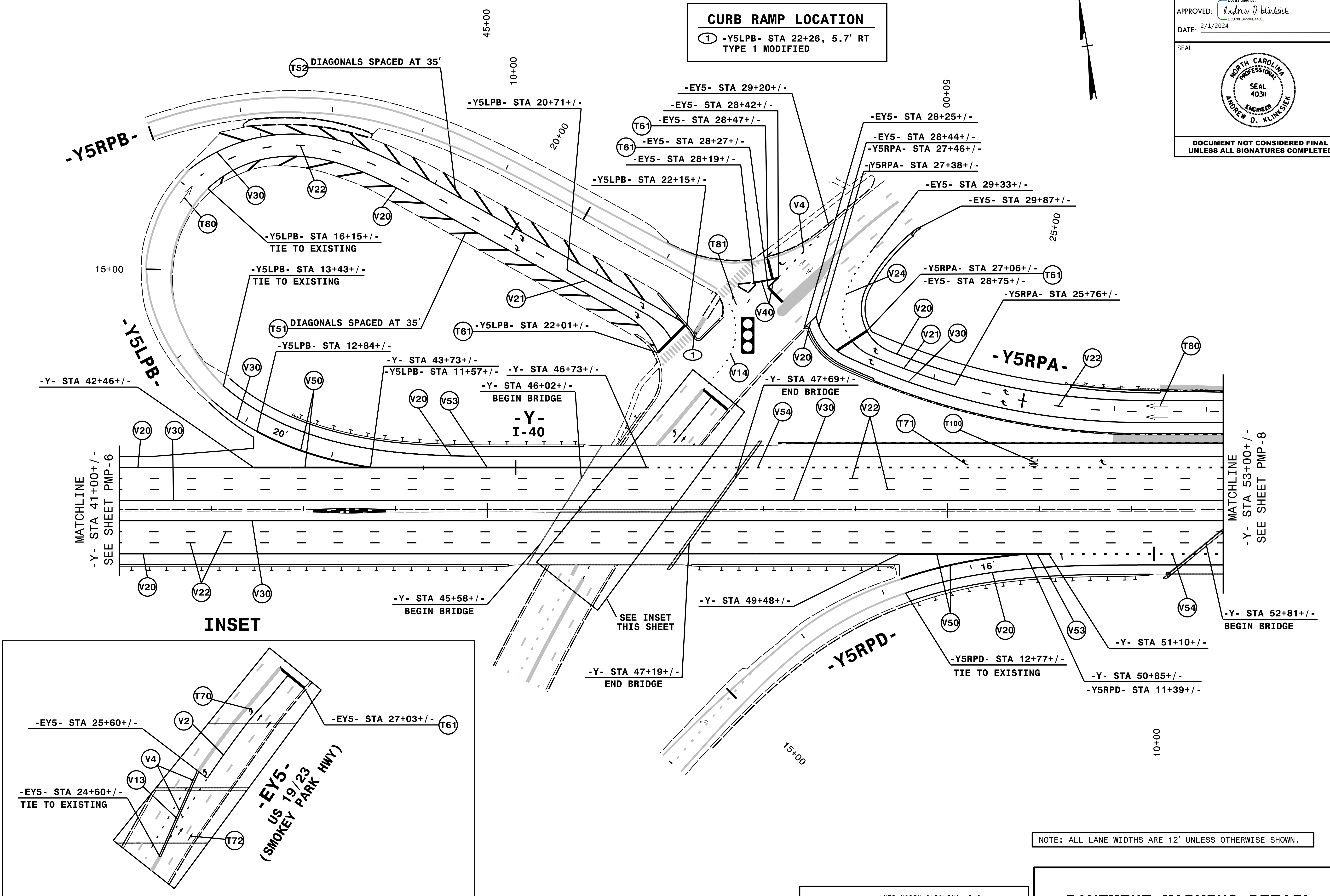
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-7
APPROVED: <i>Andrew D. Hlinka</i>	
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CURB RAMP LOCATION
 ① -Y5LPB- STA 22+26, 5.7' RT
 TYPE 1 MODIFIED




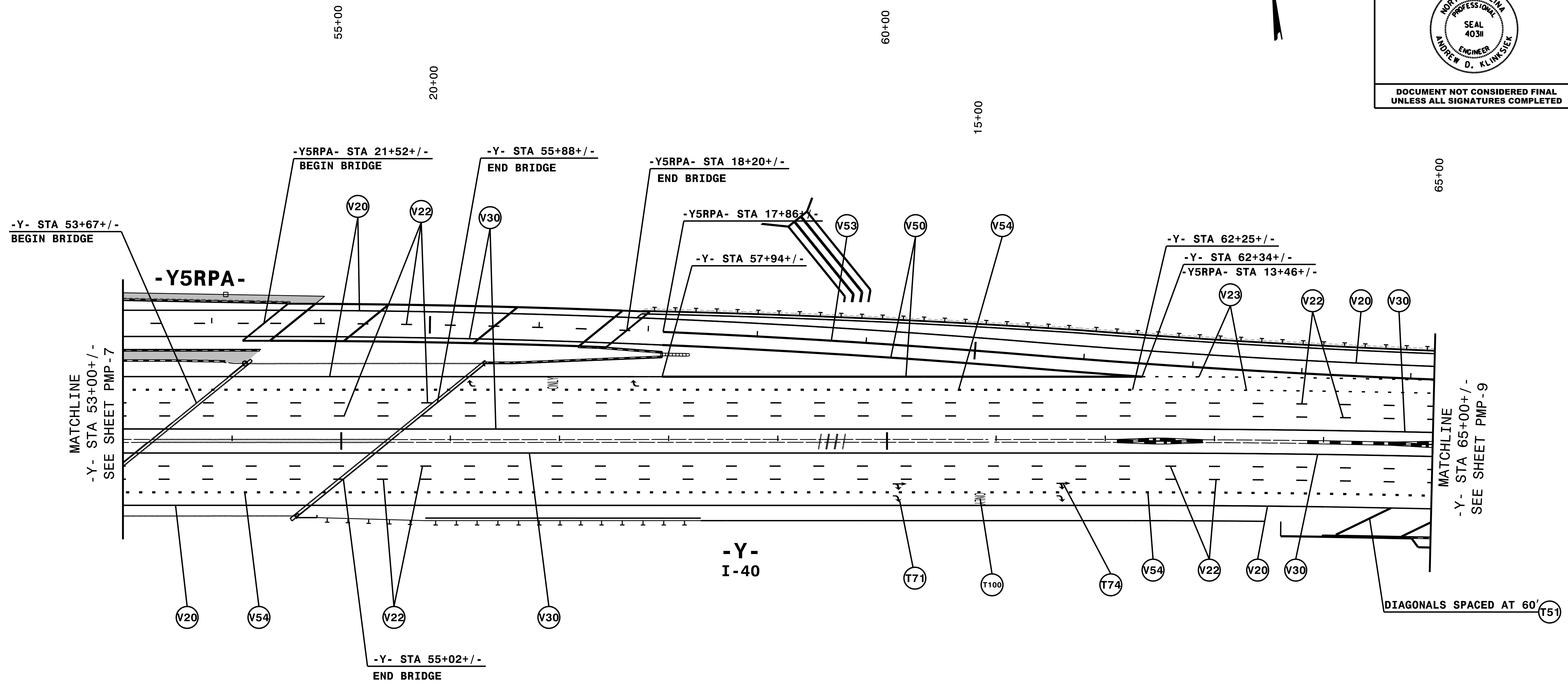
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PROJECT REFERENCE NO. I-2513AA/AB	SHEET NO. PMP-8
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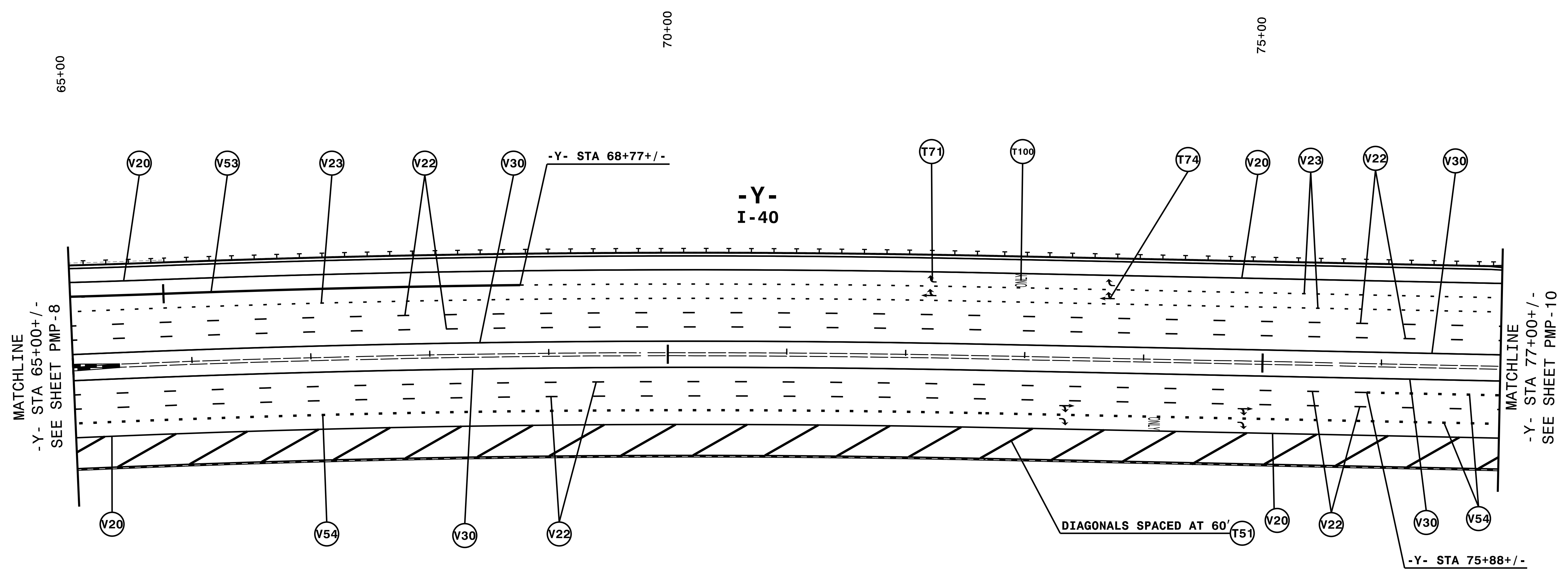
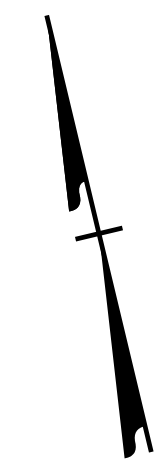
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-9
APPROVED: <i>Andrew D. Klinkick</i> E30787B459E44B	
DATE: 2/1/2024	
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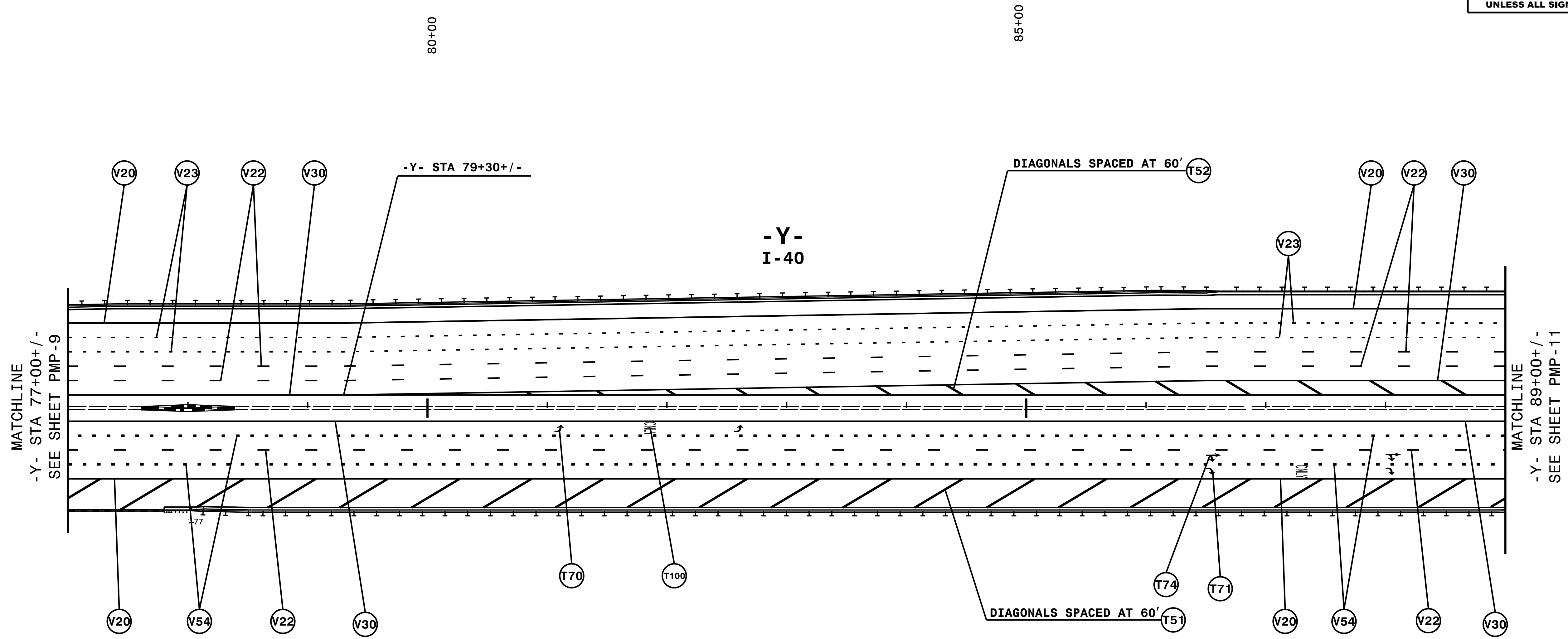
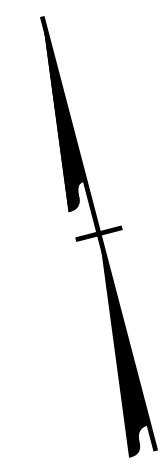
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PROJECT REFERENCE NO. I-2513AA/AB	SHEET NO. PMP-10
APPROVED: <i>Andrew D. Klinkster</i> <small>ES078784596448</small>	
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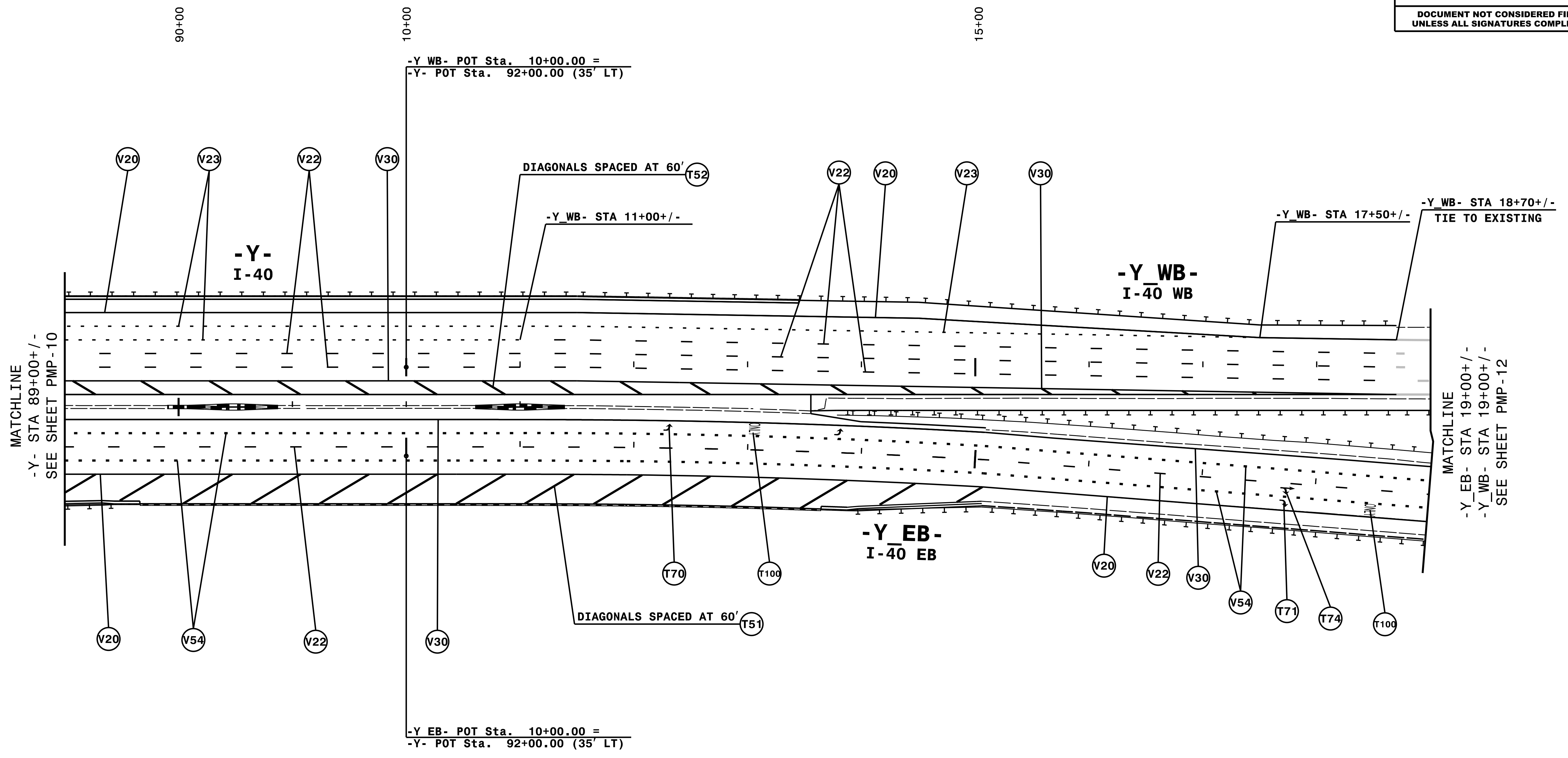
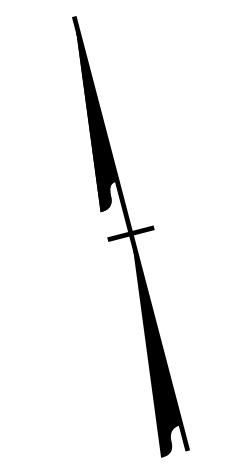
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-11
APPROVED: <i>Andrew D. Klink</i> E-3078784596448	
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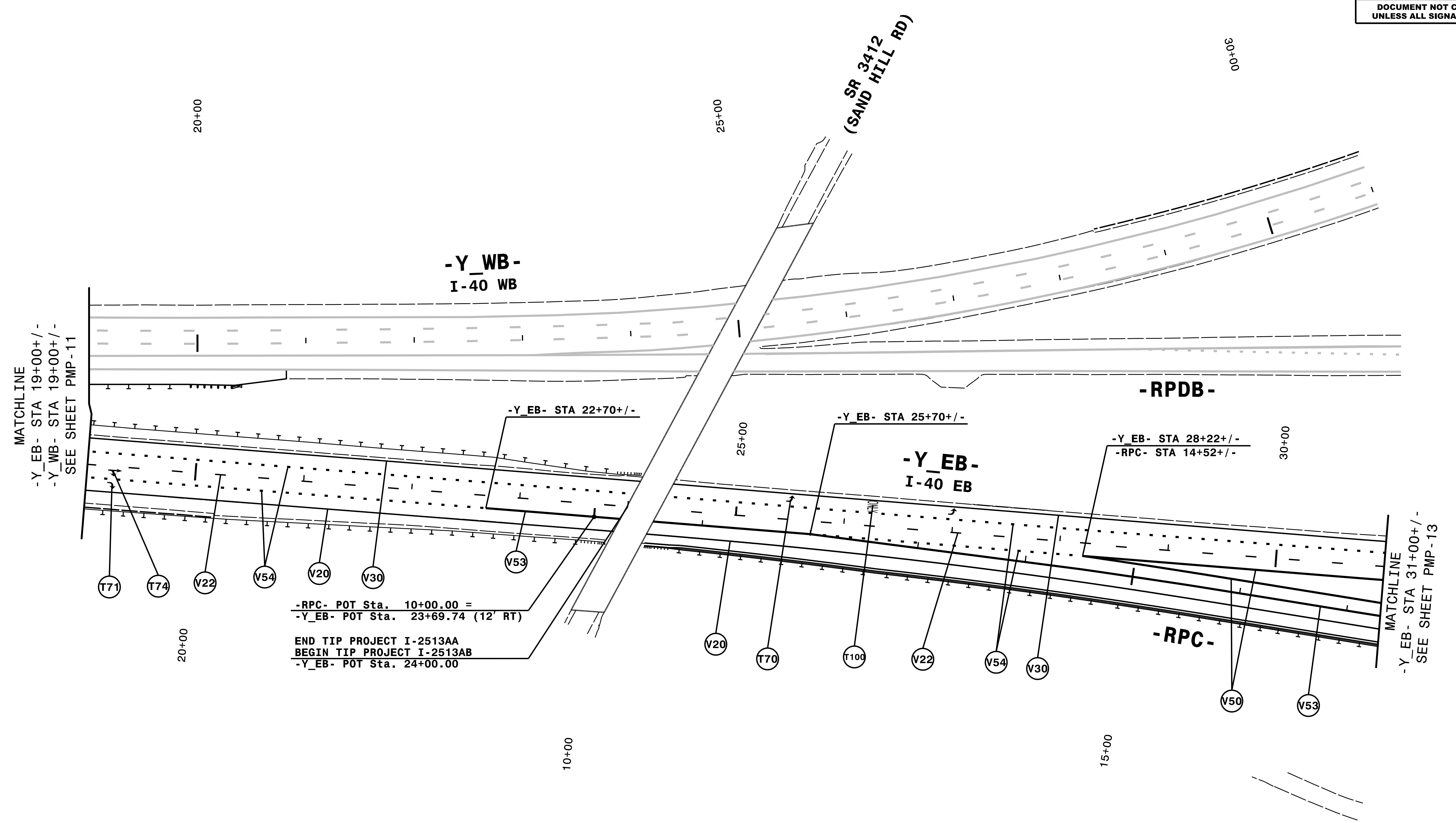
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-12
APPROVED: <i>Andrew D. Klink</i> E3078FB4596E44B	
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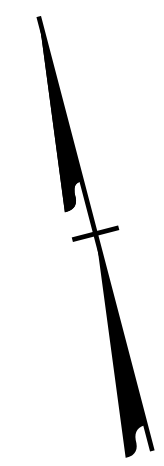
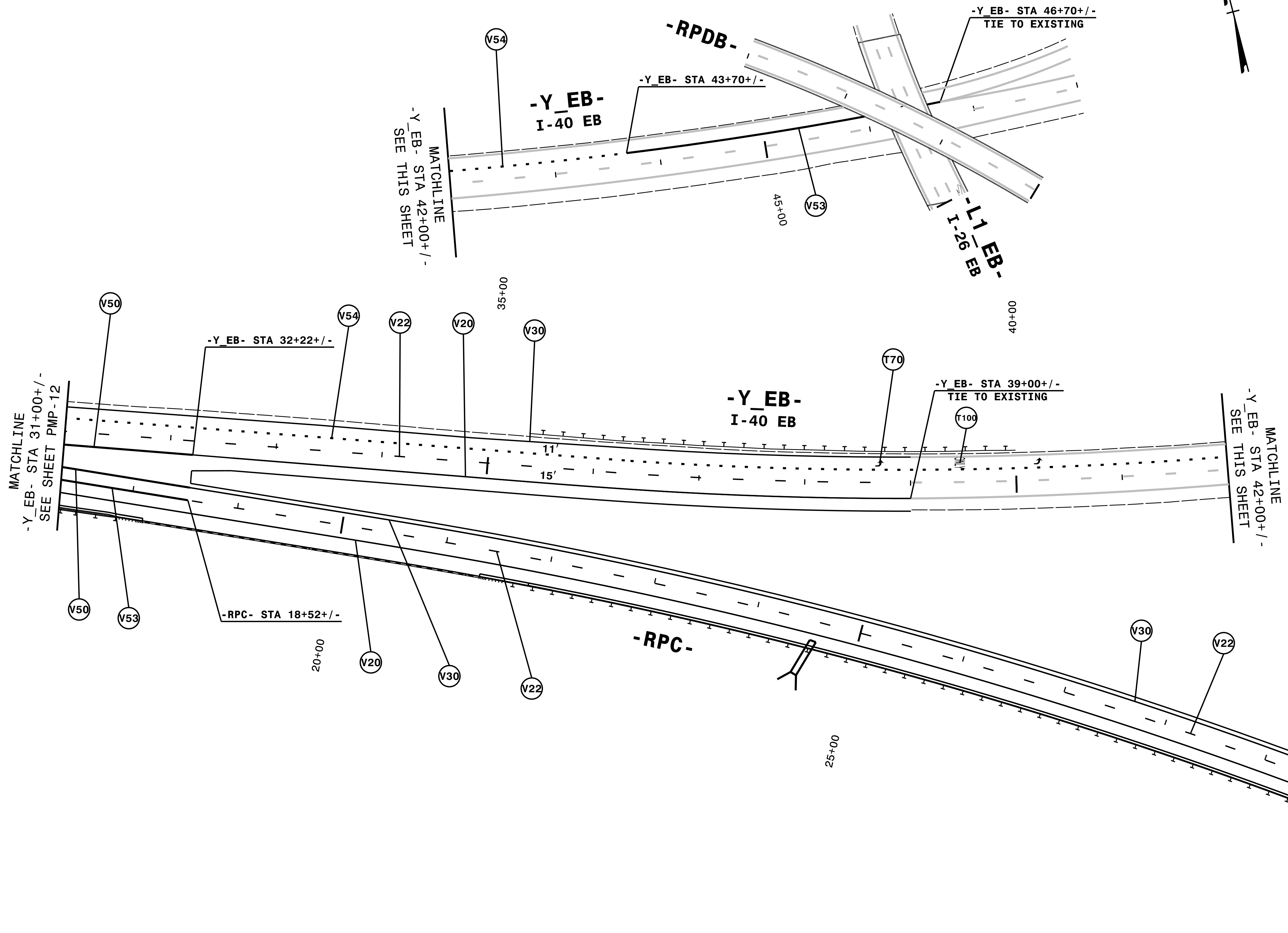
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-13
APPROVED: <i>Andrew D. Klinkstief</i> E3078FB459E44B	
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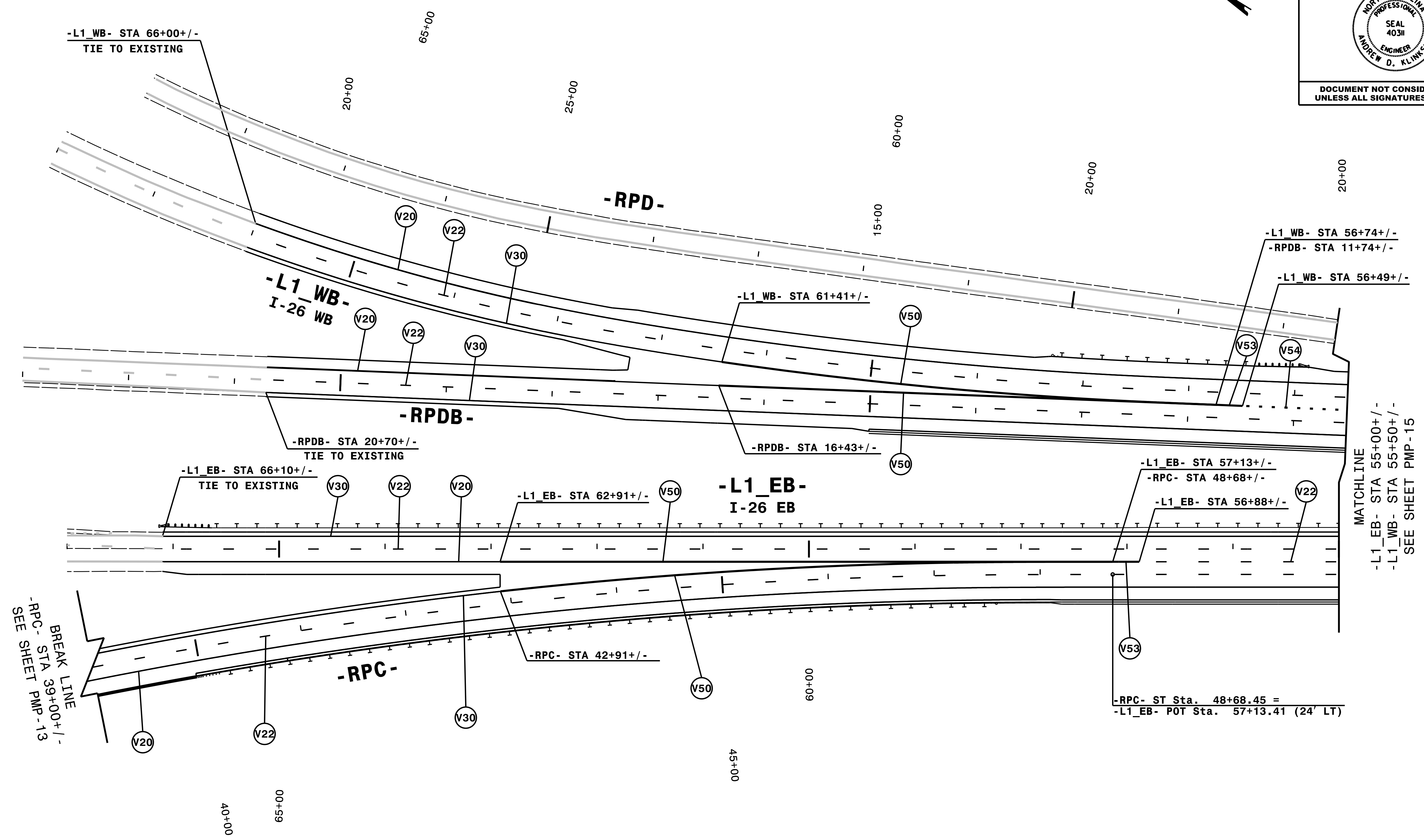
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PROJECT REFERENCE NO.	SHEET NO.
I-2513AA/AB	PMP-14
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MATCHLINE
 -L1_EB- STA 55+00+/-
 -L1_WB- STA 55+50+/-
 SEE SHEET PMP-15

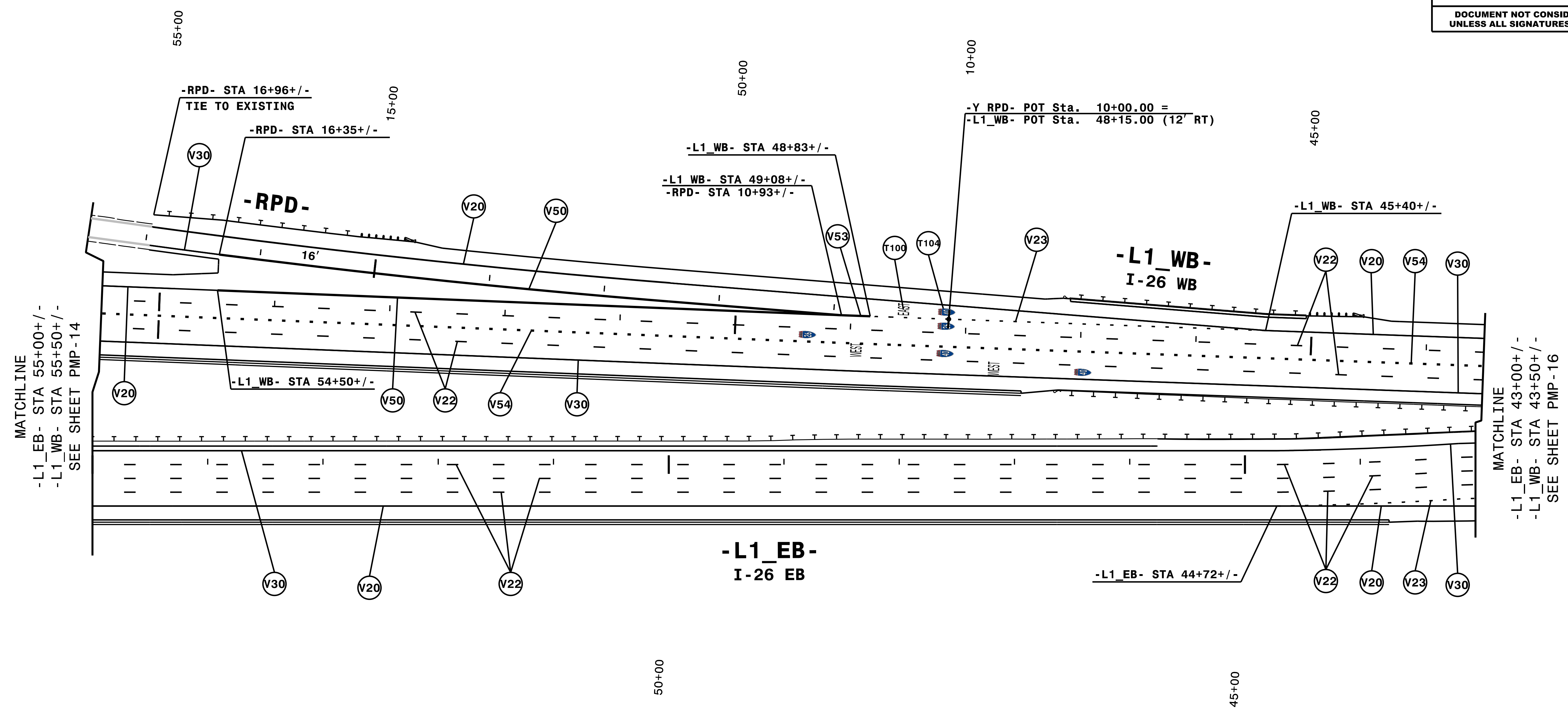
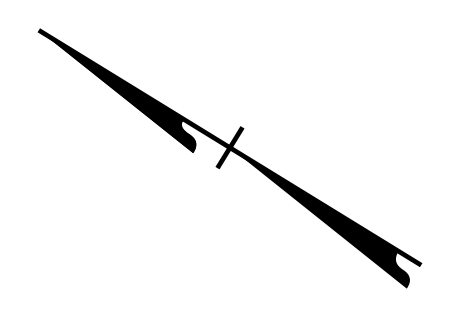
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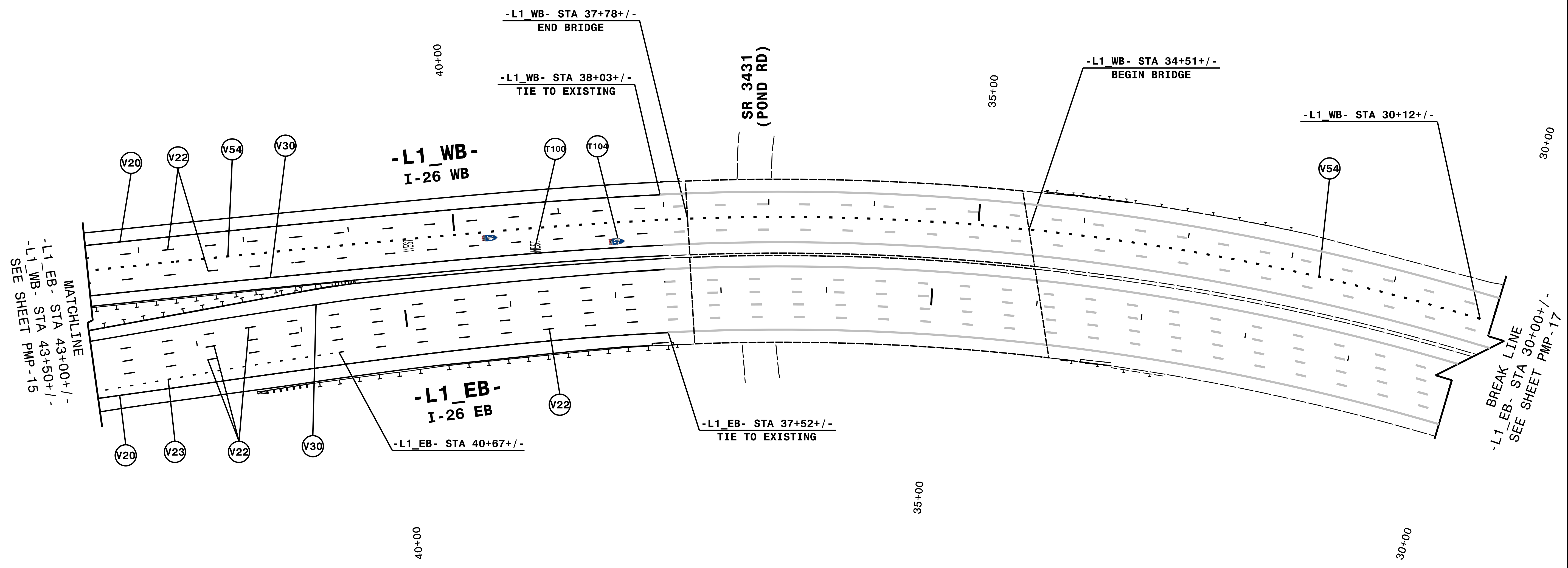
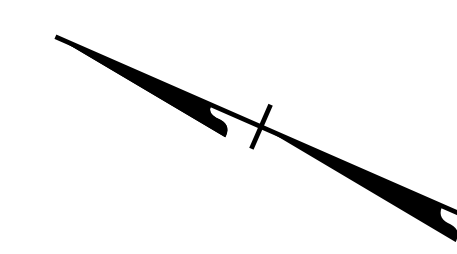
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PROJECT REFERENCE NO.	SHEET NO.
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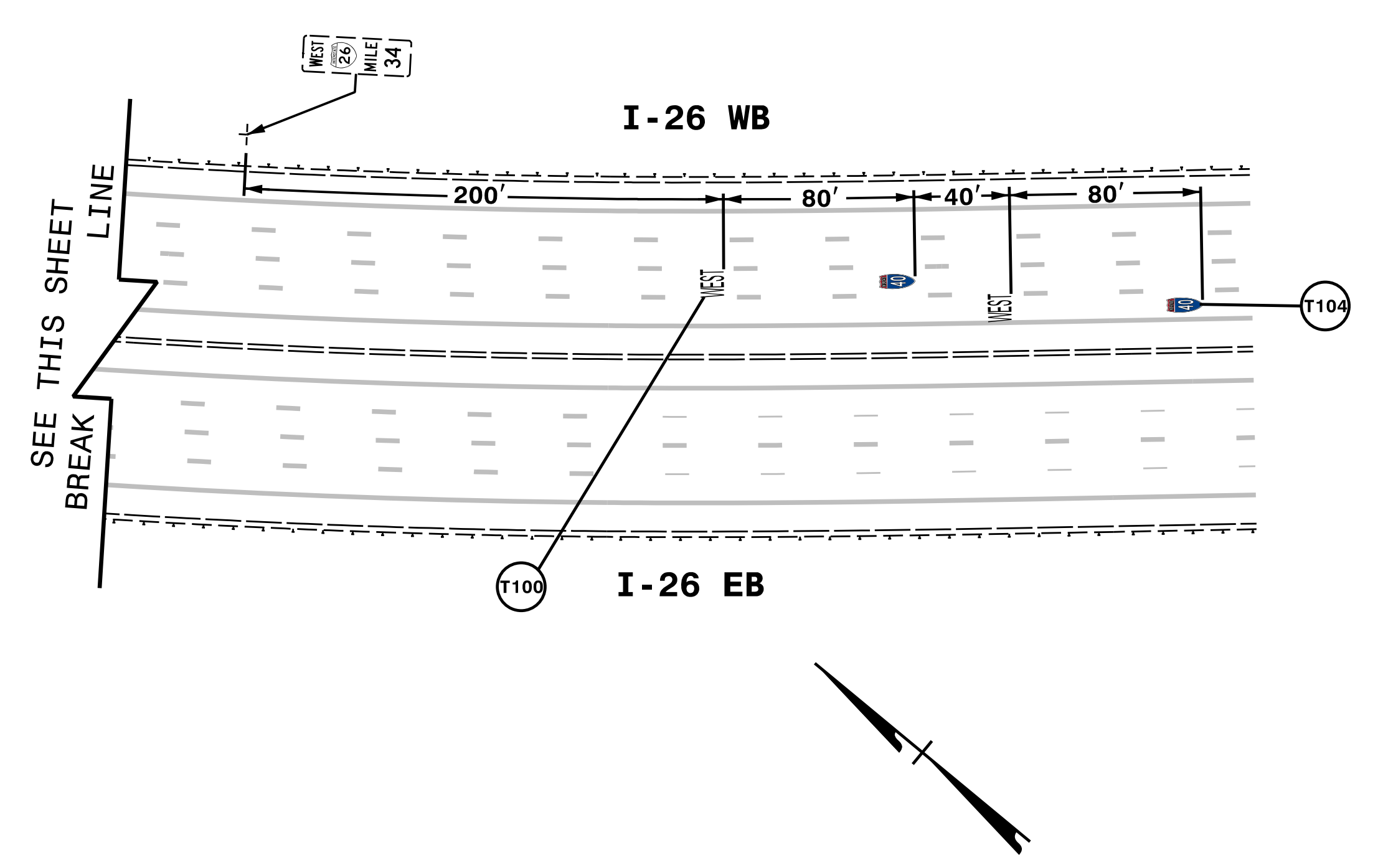
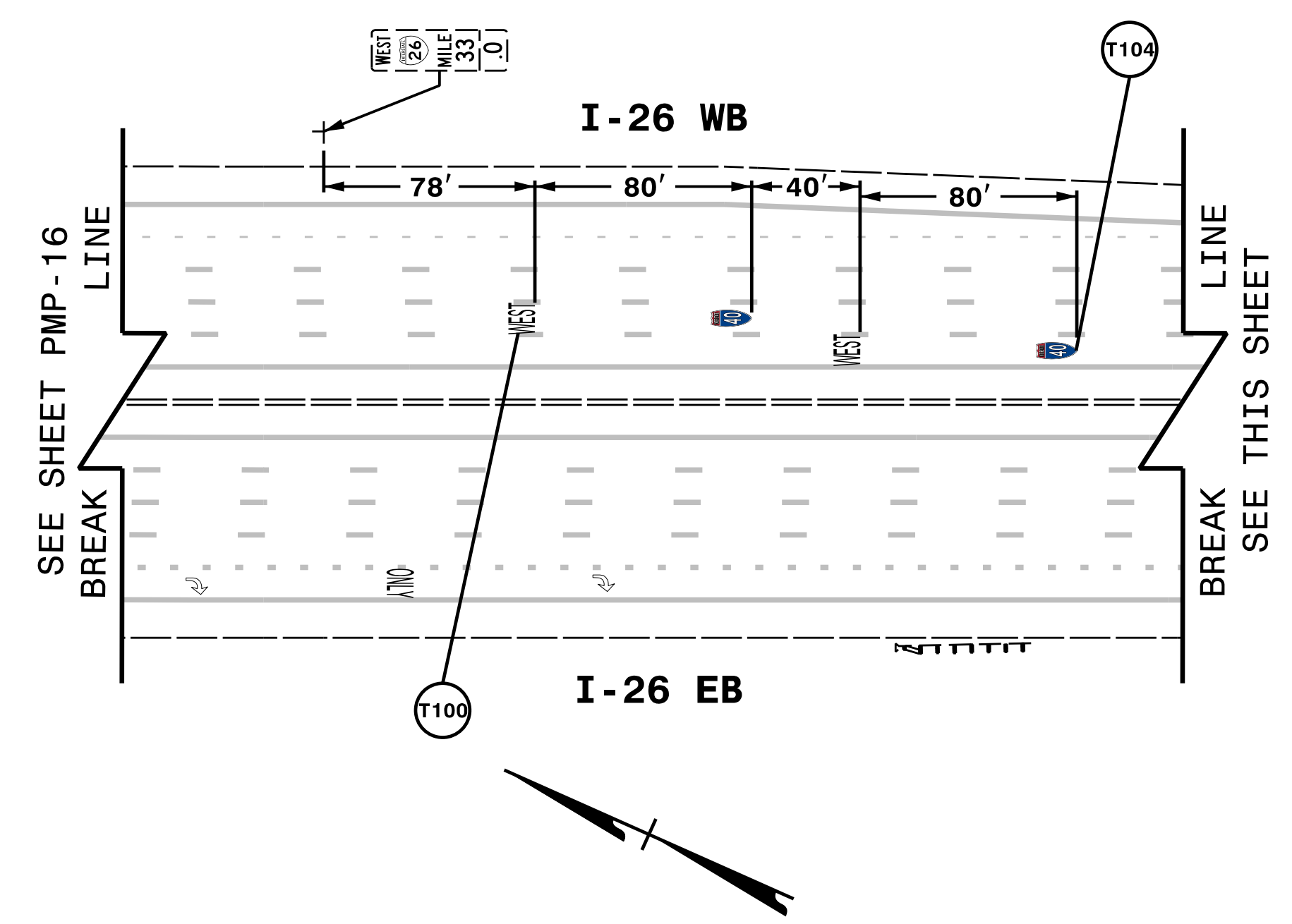
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 \$\$\$\$\$\$USERNAM\$\$\$\$\$

HNTB HNTB NORTH CAROLINA, P.C.
 343 E. SIX FORKS ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO: C-1554
 (919) 546-8997

PAVEMENT MARKING DETAIL