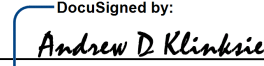



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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CLEVELAND COUNTY**

T.I.P.: R-2707F

CONTRACT: C203845

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-2	FINAL PAVEMENT MARKING SCHEDULE AND LEGEND
PMP-3 THRU PMP-23	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
-L- FUTURE US 74, ALL LOOPS AND RAMPS	POLYUREA (HIGHLY REFLECTIVE MEDIA)	SNOWPLOWABLE
-L- BRIDGES	POLYUREA (HIGHLY REFLECTIVE MEDIA)	RAISED
ALL -Y- LINES	THERMOPLASTIC	SNOWPLOWABLE
ALL -Y- LINE BRIDGES	COLD-APPLIED PLASTIC	RAISED

- B) SIX-INCH WIDE MARKINGS INCLUDING BUT NOT LIMITED TO LANE LINES, EDGE LINES AND SKIPS SHALL BE USED ON ALL US ROUTES WITH CONTROLLED ACCESS.
- C) USE HEATED-IN-PLACE THERMOPLASTIC OR EXTRUDED THERMOPLASTIC MARKINGS FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.
- D) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY WATER BLASTING OR GRINDING ON BRIDGE DECK(S) PRIOR TO PLACING POLYUREA PAVEMENT MARKINGS.
- E) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- F) PASSING ZONE(S) WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- G) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.
- H) STOPBARS AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

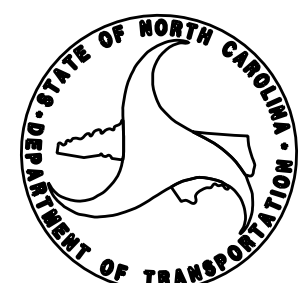
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 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
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
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
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS
1267.01	FLEXIBLE DELINEATORS - INSTALLATION
1267.02	FLEXIBLE DELINEATORS - SPACING TABLES
1267.03	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT


<u>Kelvin Jordan</u>	SIGNING & DELINEATION STANDARDS ENGINEER
<u>Bobby Navarrete</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



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

<u>A.D. Klinksiak, PE, PTOE</u>	PROJECT ENGINEER
<u>Matt DeBruyne</u>	DESIGN TECHNICIAN

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TIP NO. R-2707F	SHEET NO. PMP-2
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FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
<u>POLYUREA (6") Highly Reflective Elements</u>		
V6		WHITE EDGELINE
V7		YELLOW EDGELINE
VJ		10 FT. WHITE SKIP
VK		3 FT.- 9 FT./SP WHITE MINISKIP
VL		WHITE SOLID LANE LINE
<u>POLYUREA (12") Highly Reflective Elements</u>		
VS		WHITE GORELINE
VT		WHITE SOLID LANE LINE
<u>THERMOPLASTIC (8", 90 MILS)</u>		
TP		YELLOW DIAGONAL
<u>THERMOPLASTIC (12", 90 MILS)</u>		
TU		WHITE DIAGONAL
<u>THERMOPLASTIC (24", 120 MILS)</u>		
T2		WHITE STOPBAR
<u>THERMOPLASTIC (4", 120 MILS)</u>		
T8		2 FT.- 6 FT./SP WHITE MINISKIP
T9		2 FT.- 6 FT./SP YELLOW MINISKIP
TD		3 FT.- 9 FT./SP WHITE MINISKIP
TE		WHITE SOLID LANE LINE
TI		YELLOW DOUBLE CENTER
<u>THERMOPLASTIC (4", 90 MILS)</u>		
TA		WHITE EDGELINE
TB		YELLOW EDGELINE
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS(90 MILS)</u>		
UA		LEFT TURN ARROW
UB		RIGHT TURN ARROW
UC		STRAIGHT ARROW
UF		COMBO LEFT/RIGHT ARROW
UP		MERGE ARROW
UQ		RAMP ARROW
YE		ELONGATED STRAIGHT ARROW
<u>PAINT (6")</u>		
P6		WHITE EDGELINE
P7		YELLOW EDGELINE
PK		3 FT.- 9 FT./SP WHITE MINISKIP
<u>PAINT (12")</u>		
PV		YELLOW DIAGONAL
<u>COLD APPLIED TYPE 3 (4")</u>		
CA		WHITE EDGELINE
CB		YELLOW EDGELINE
<u>COLD APPLIED TYPE 3 (8")</u>		
CP		YELLOW DIAGONAL

PERMANENT RAISED PAVEMENT MARKERS (NOT SHOWN)

MA	YELLOW & YELLOW
MB	CRYSTAL & RED

SNOWPLOWABLE PAVEMENT MARKERS (NOT SHOWN)

ME	YELLOW & YELLOW
MF	CRYSTAL & RED

LEGEND

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

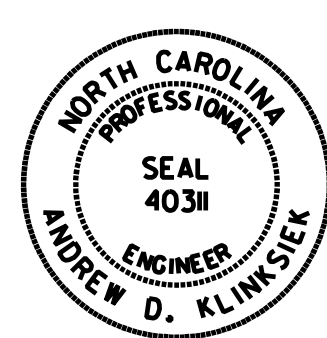
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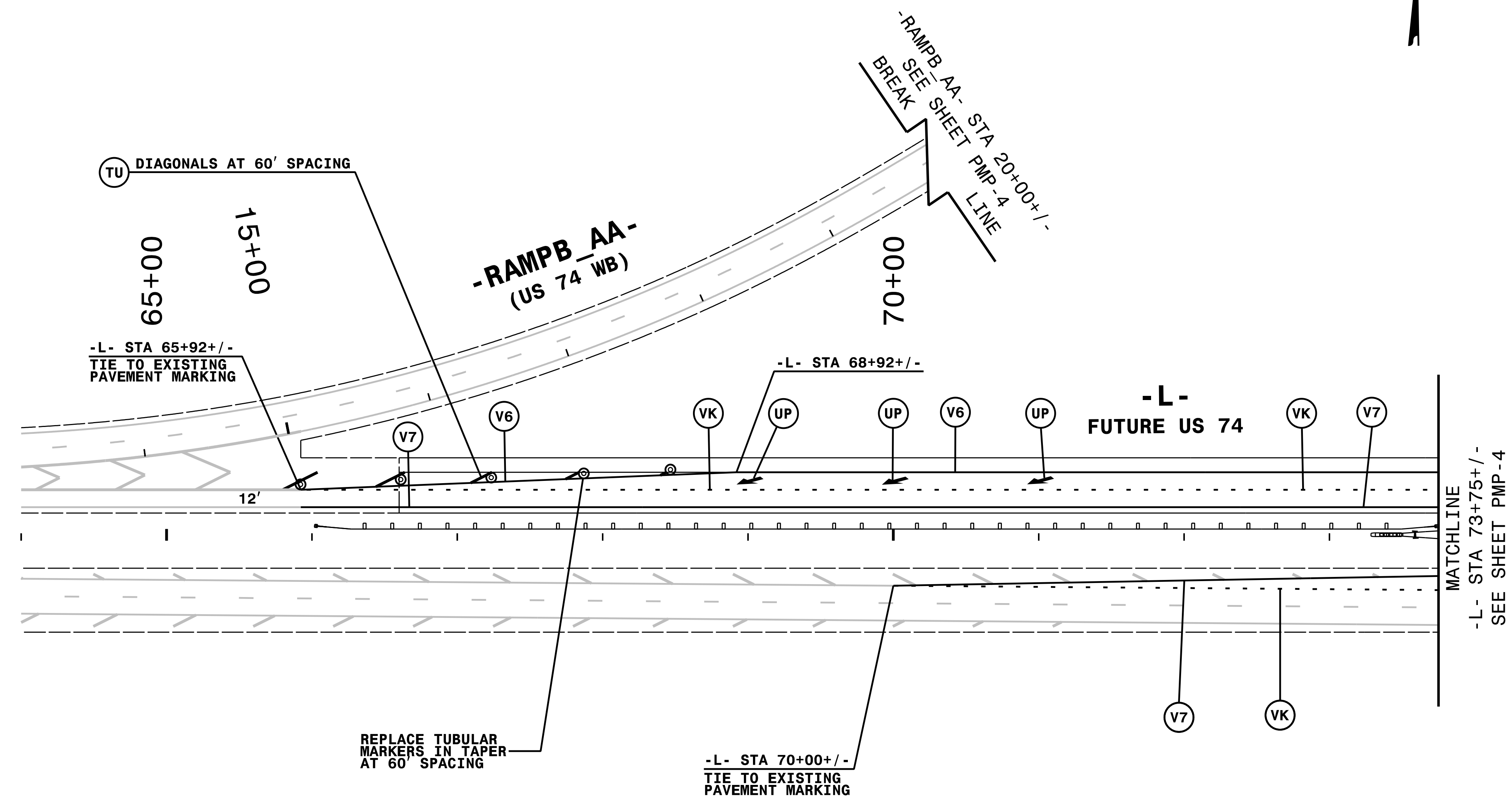
	UA
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PAVEMENT MARKING SCHEDULE AND LEGEND

TIP NO. R-2707F	SHEET NO. PMP-3
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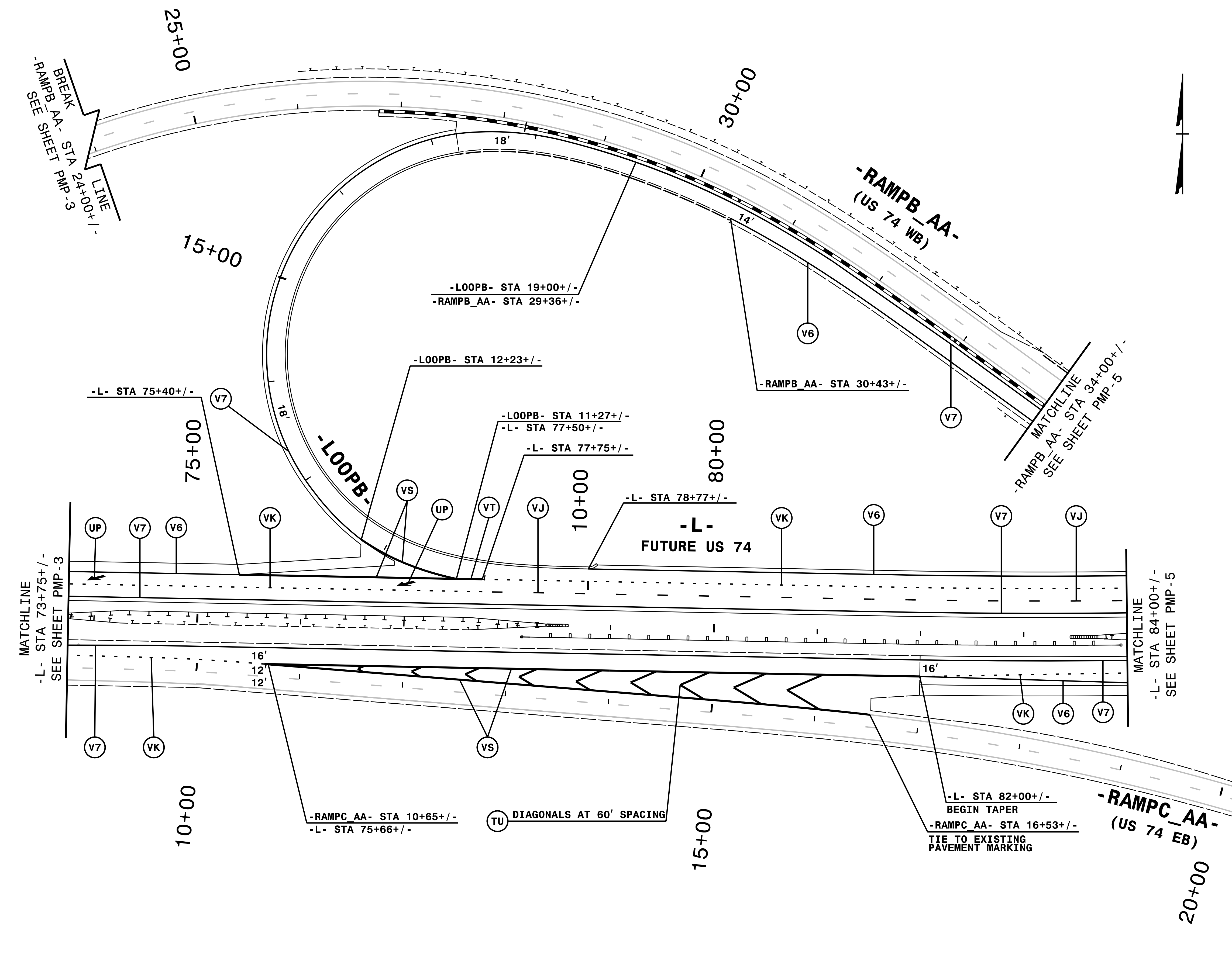
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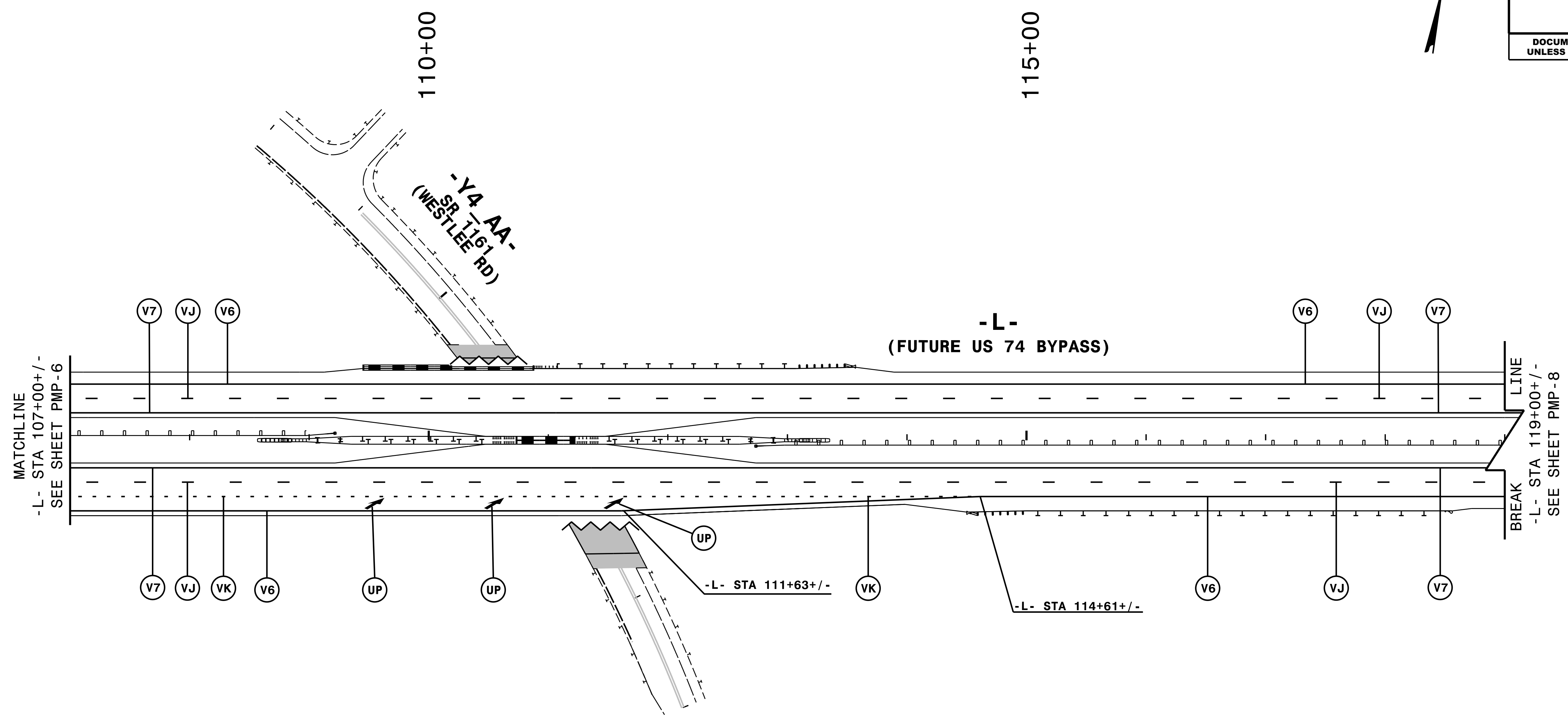
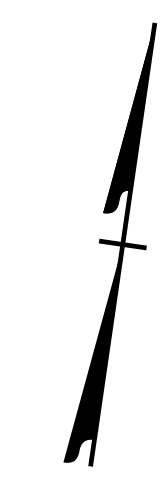
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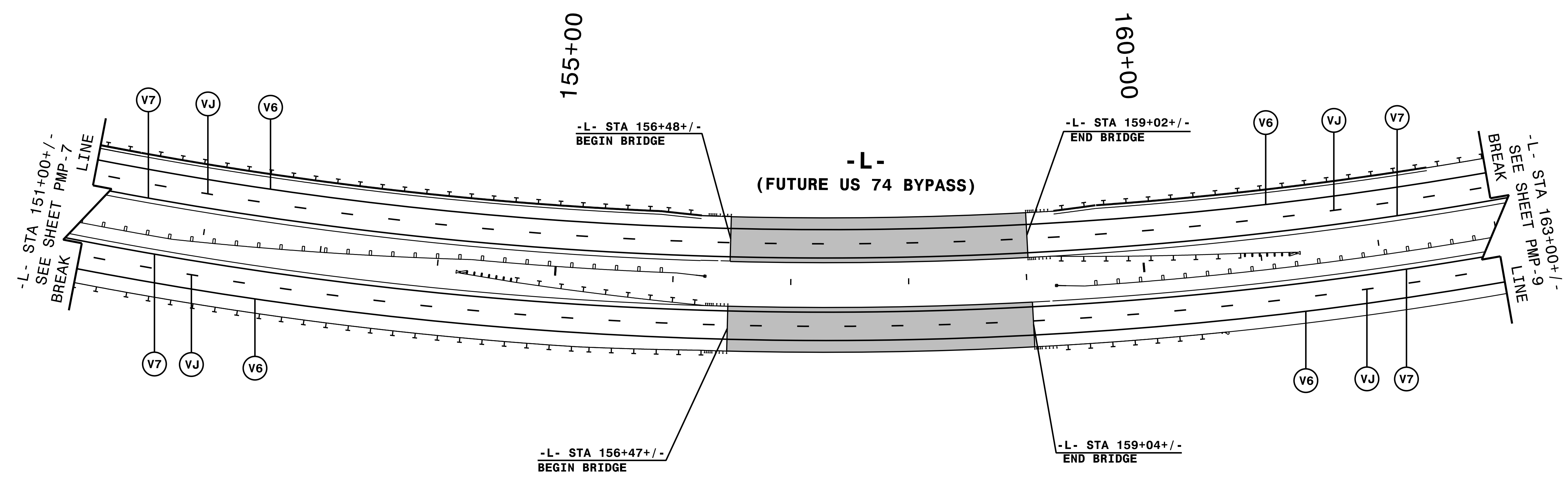
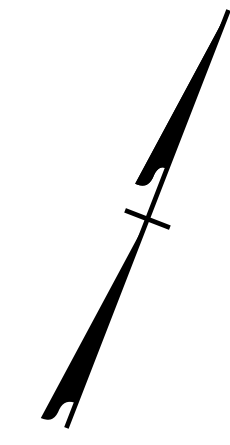
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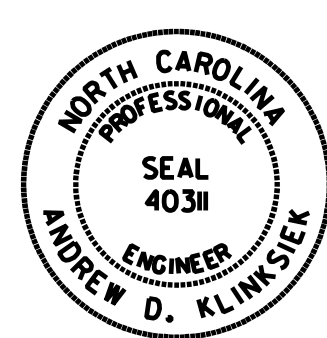


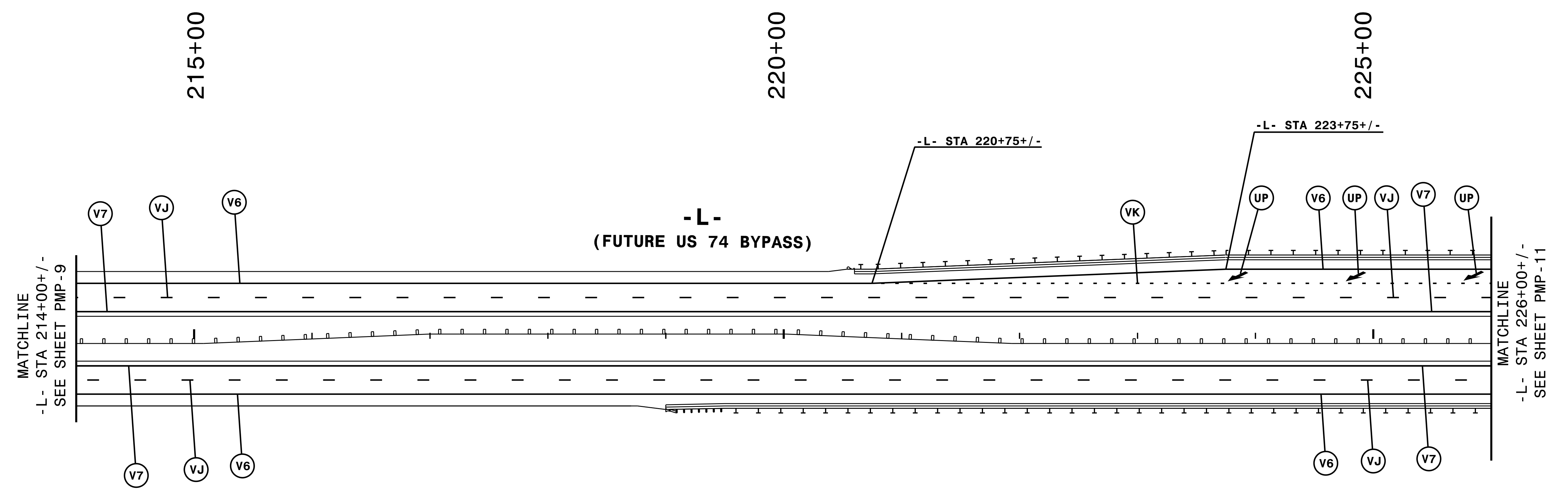
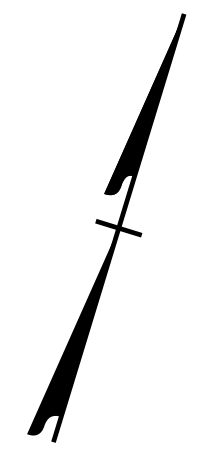
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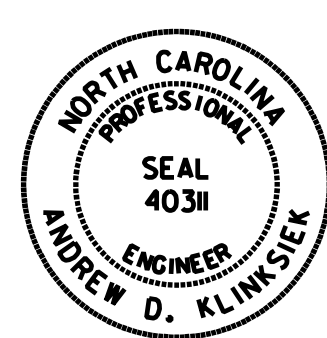
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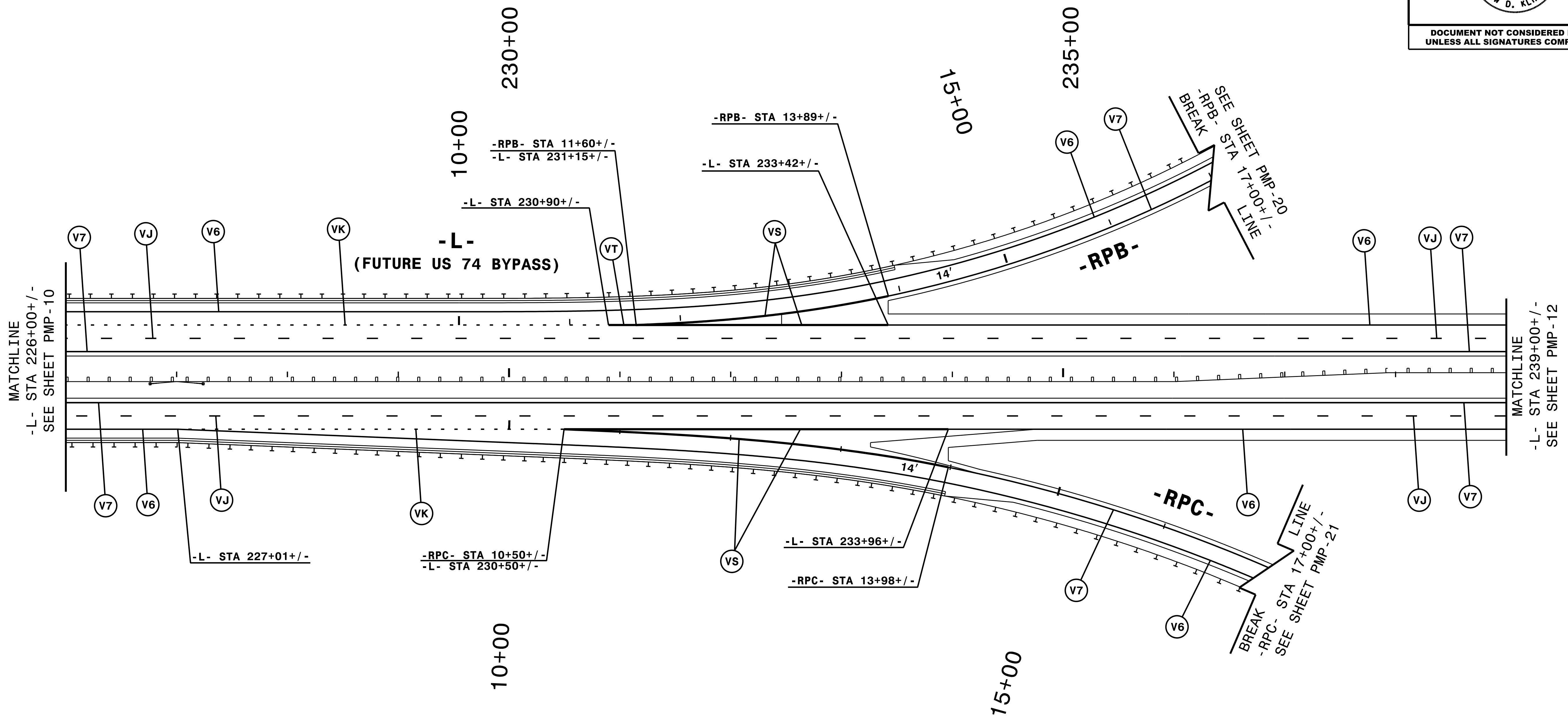
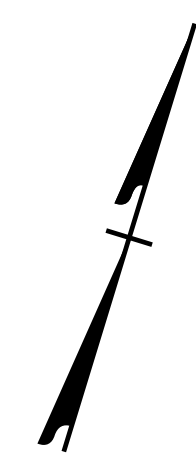
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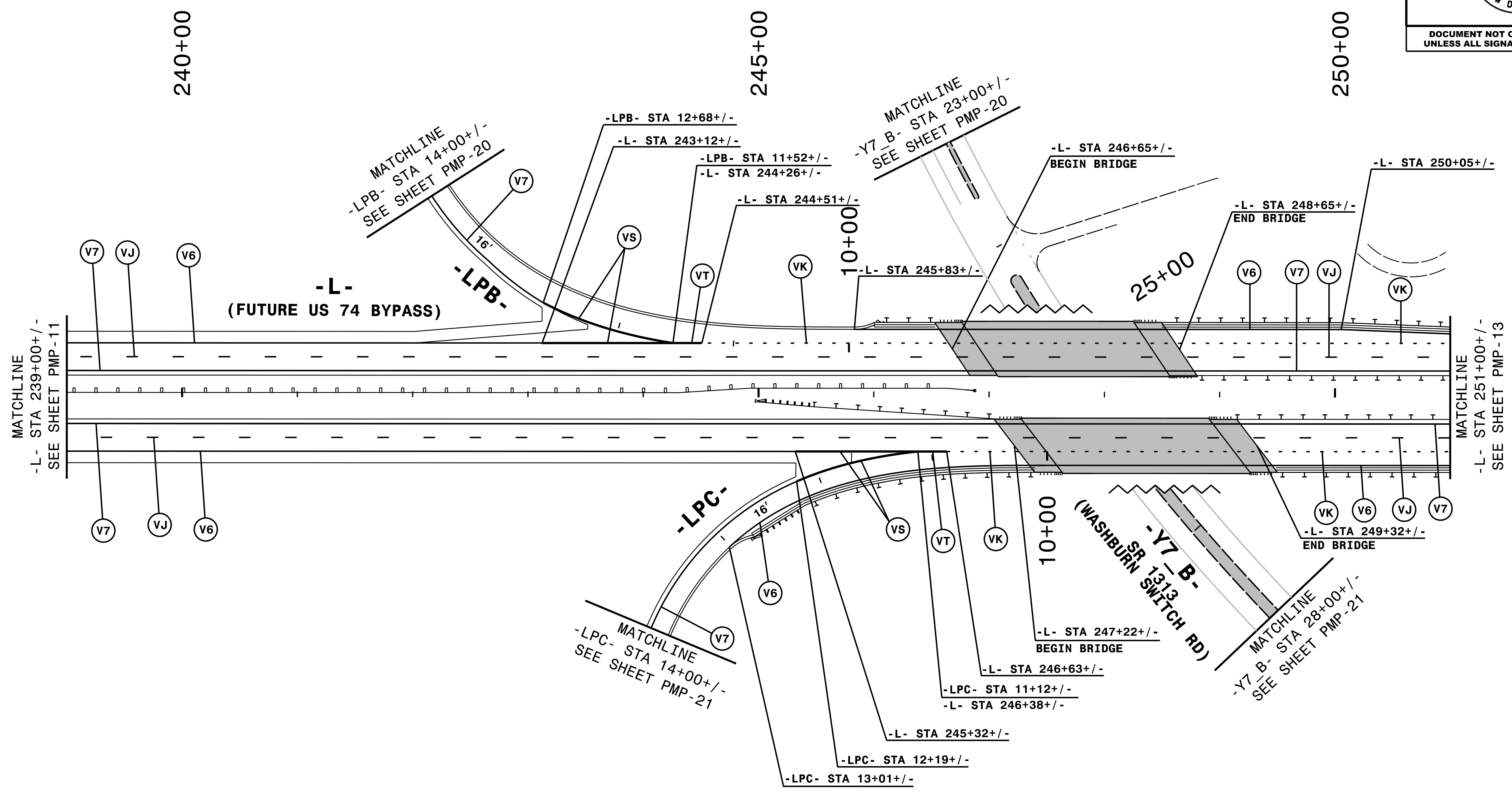
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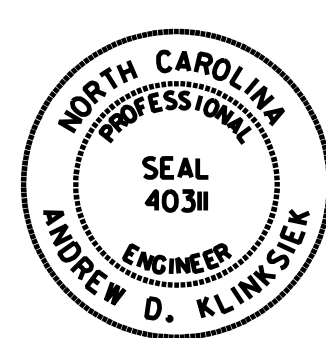


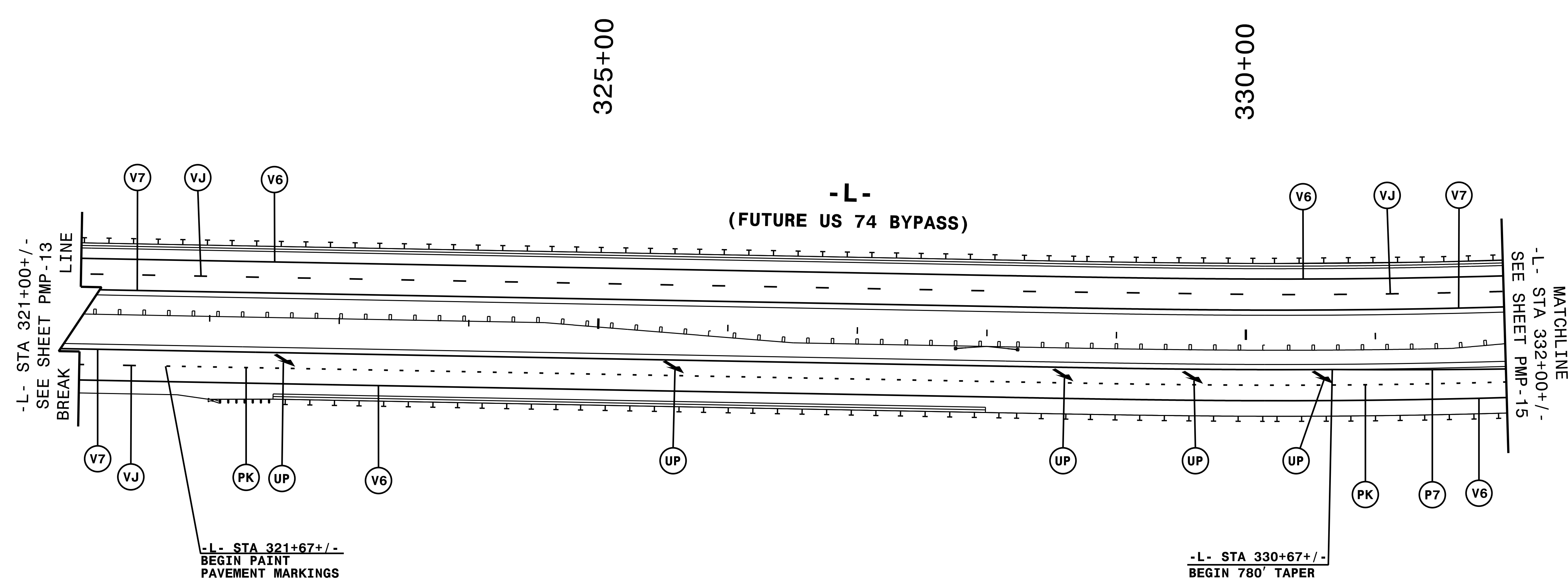
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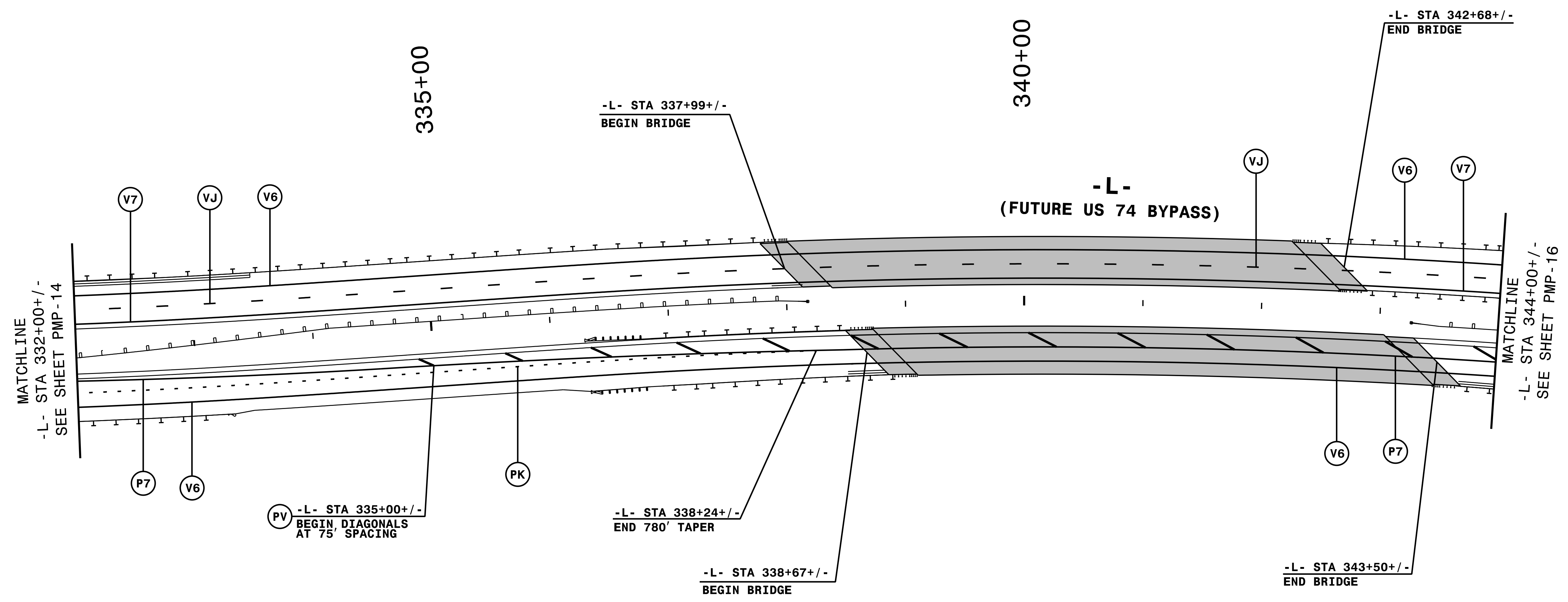
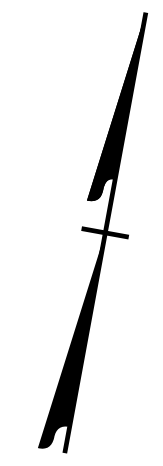
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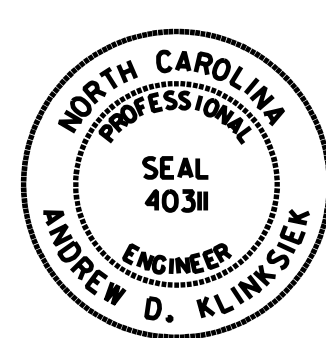


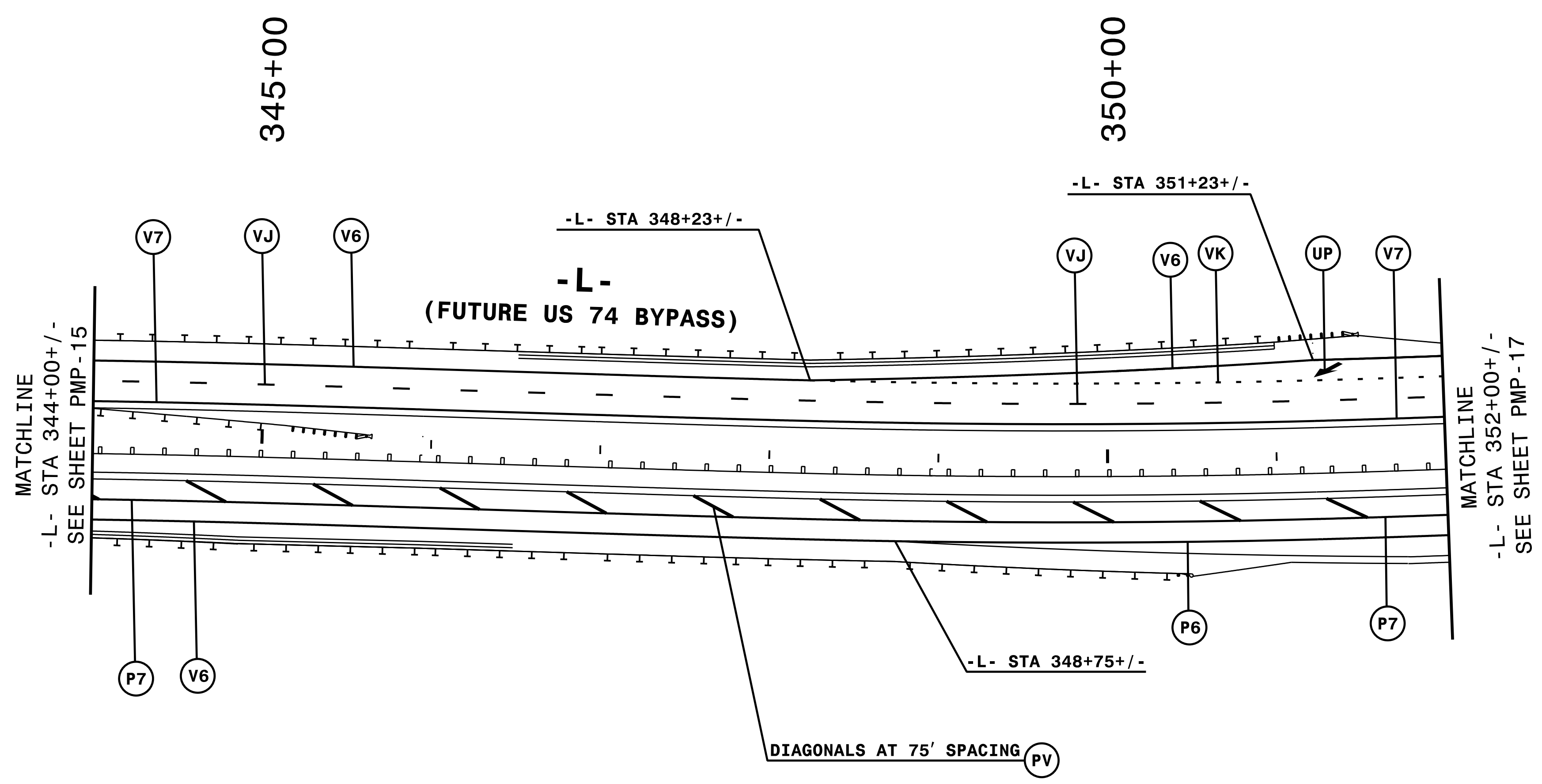
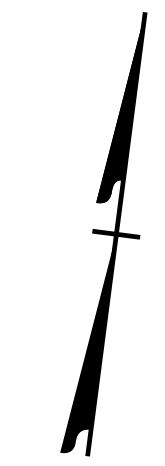
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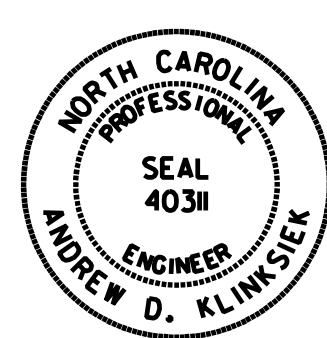


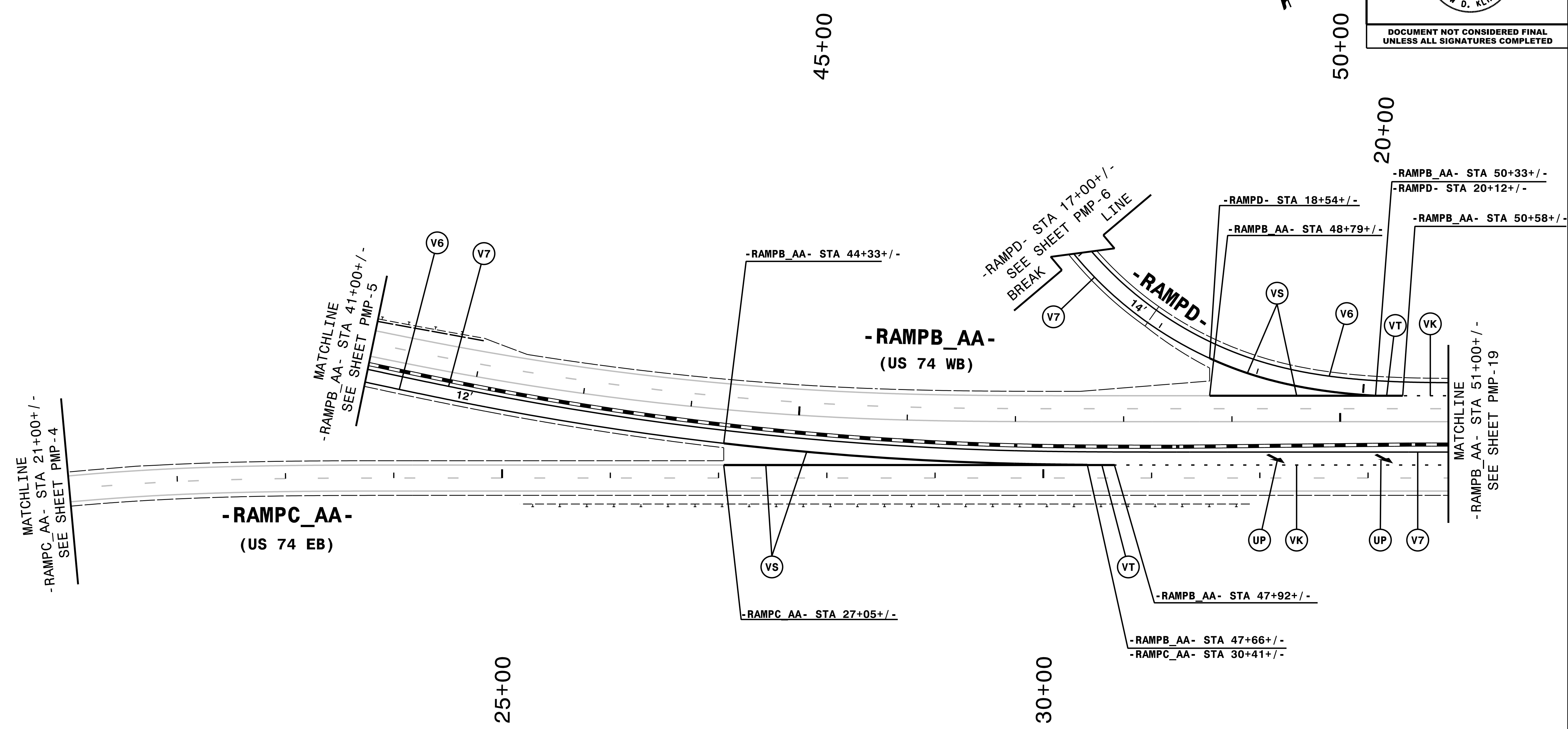
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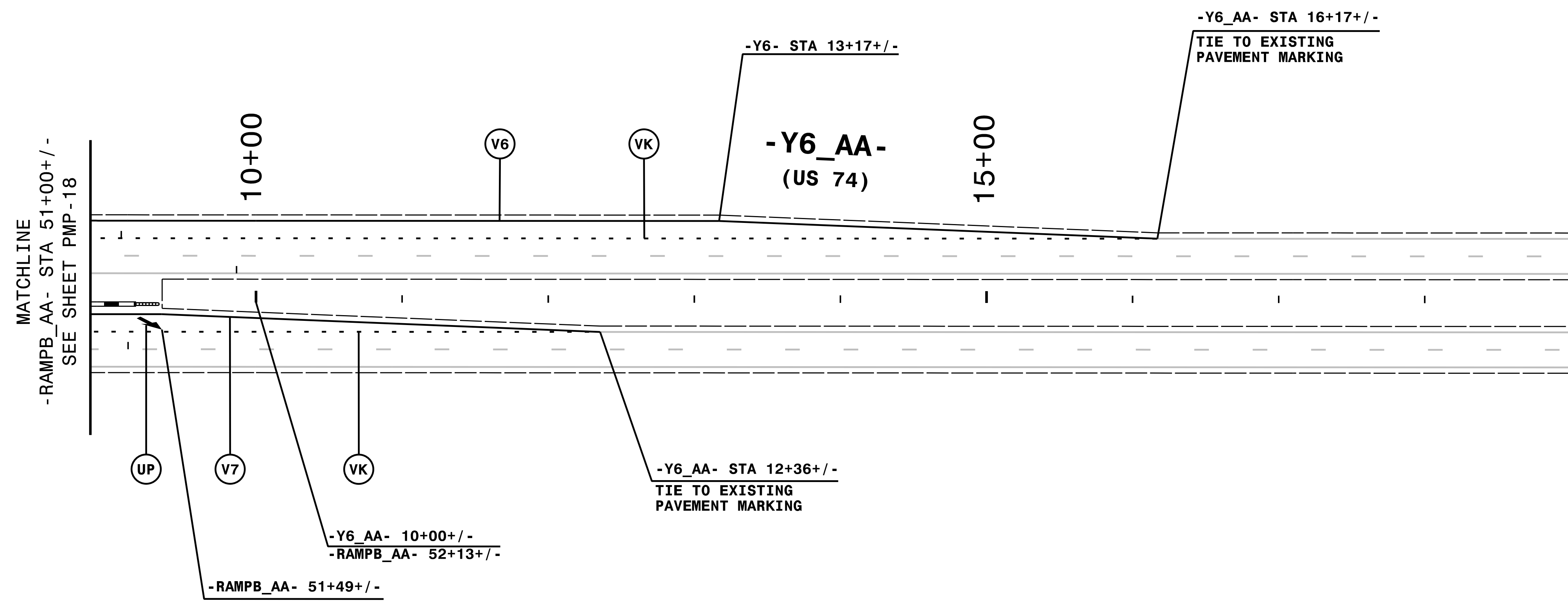
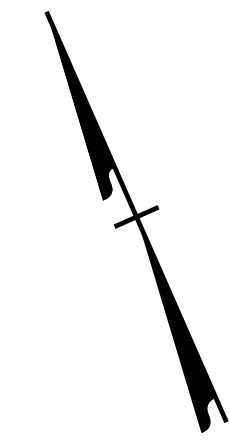
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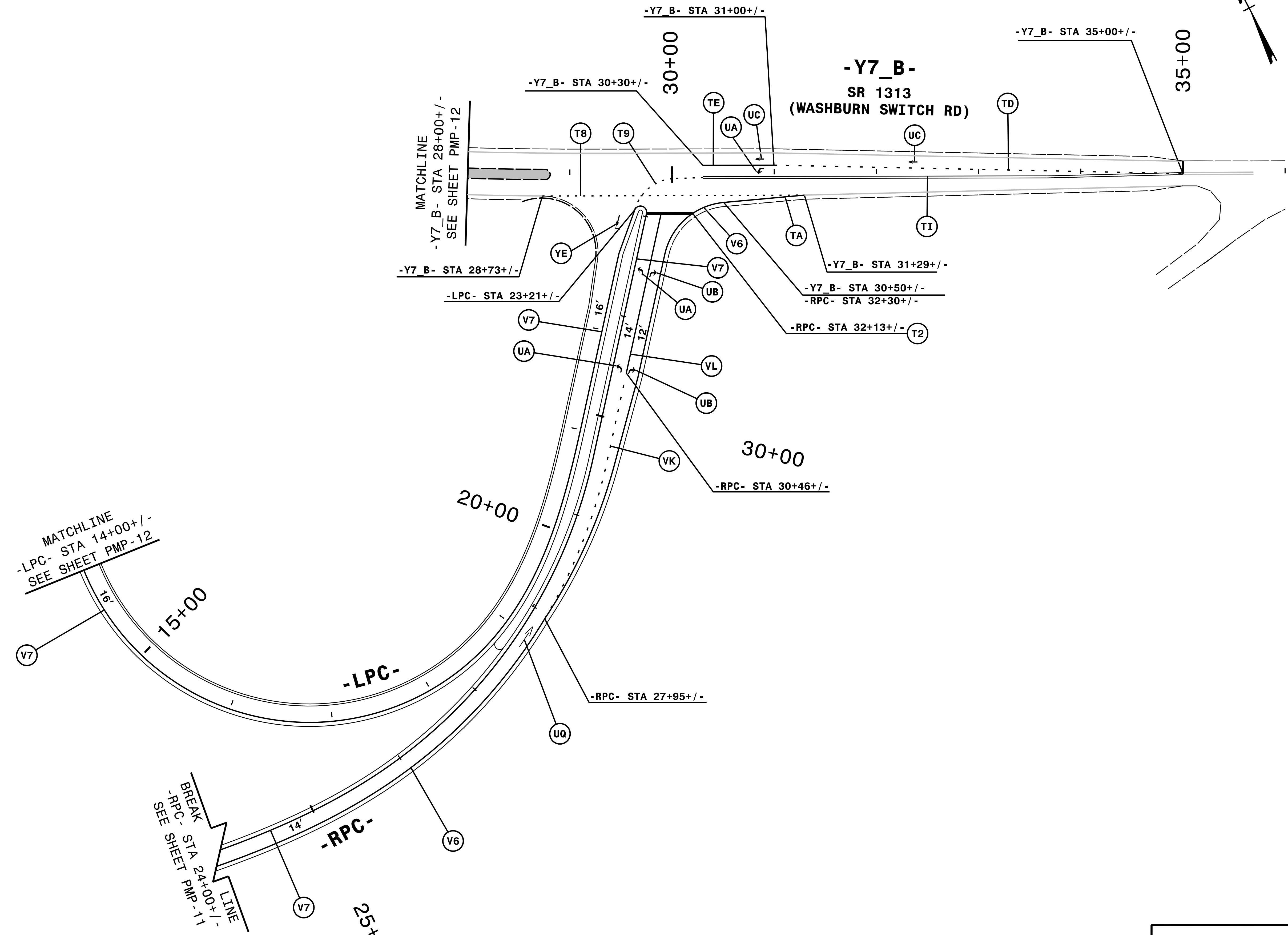
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