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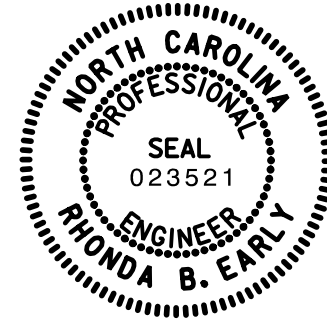
T.I.P.: R-2514D

CONTRACT:

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CRAVEN & JONES COUNTIES**

**LOCATION: US 17 FROM SOUTH OF NC 58 TO
THE NEW BERN BYPASS**

<small>TIP NO.</small> R-2514D	<small>SHEET NO.</small> PMP-1
<small>APPROVED:</small> <u>Rhonda B. Early</u> <small>F34CAFAC8BF48A...</small>	
<small>DATE:</small> 2/10/2015	
	

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE AND MULTI LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT & ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS & 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 & TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES & 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:

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
-L- (US 17 BYPASS)	THERMOPLASTIC	SNOWPLOWABLE
ALL BRIDGES	POLYUREA W/ HIGHLY REFLECTIVE ELEMENTS	RAISED
-Y- LINES	THERMOPLASTIC	RAISED

- B) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY WATER BLASTING OR GRINDING ON BRIDGE DECK(S) PRIOR TO PLACING POLYUREA PAVEMENT MARKINGS.
- C) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- D) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- E) PASSING ZONE(S) WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- F) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.
- G) STOPBAR LOCATIONS AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- H) UNLESS OTHERWISE SPECIFIED, HEATED IN PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOPBARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED IN PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-1A	PAVEMENT MARKING LEGEND & SCHEDULE
PMP-02 THRU	PAVEMENT MARKING DETAILS
PMP-16	

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

Ayman I. Alqudwah, PE SIGNING & DELINEATION REGIONAL ENGINEER
Basir Rashid SIGNING & DELINEATION PROJECT DESIGN ENGINEER

PLAN PREPARED BY: HNTB NORTH CAROLINA

R. B. Early, PE PROJECT ENGINEER
J. Phillips PROJECT DESIGNER

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FINAL PAVEMENT MARKING SCHEDULE

MATERIAL	SYMBOL	DESCRIPTION
PAVEMENT MARKING		
<u>THERMOPLASTIC (4", 90 MILS)</u>		
	TA	WHITE EDGELINE
<u>THERMOPLASTIC (4", 120 MILS)</u>		
	T8	WHITE MINI SKIP (2'/6')
	TD	WHITE MINI SKIP
	TE	WHITE LANE LINE
	TI	YELLOW DOUBLE CENTER LINE
<u>THERMOPLASTIC (6", 90 MILS)</u>		
	T6	WHITE EDGELINE
	T7	YELLOW EDGELINE
<u>THERMOPLASTIC (6", 120 MILS)</u>		
	TJ	WHITE SKIP
	TK	WHITE MINISKIP (3'/9')
<u>THERMOPLASTIC (8", 90 MILS)</u>		
	TP	YELLOW DIAGONAL
<u>THERMOPLASTIC (12", 90 MILS)</u>		
	TS	WHITE GORELINE
<u>THERMOPLASTIC (12", 120 MILS)</u>		
	TT	WHITE SOLID LANE LINE
<u>THERMOPLASTIC (24", 120 MILS)</u>		
	T2	WHITE STOP BAR
<u>POLYUREA (6", HIGHLY REFLECTIVE ELEMENTS)</u>		
	V6	WHITE EDGELINE
	V7	YELLOW EDGELINE
	VJ	10' WHITE SKIP
	VK	WHITE MINISKIP (3'/9')
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS(90 MILS)</u>		
	UA	LEFT TURN ARROW
	UB	RIGHT TURN ARROW
	UC	STRAIGHT ARROW
	UD	COMBO LEFT/STRAIGHT ARROW
	UE	COMBO RIGHT/STRAIGHT ARROW
	UP	MERGE ARROW
<u>PERMANENT RAISED PAVEMENT MARKERS</u>		
	MB	CRYSTAL & RED
<u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u>		
	ME	YELLOW & YELLOW
	MF	CRYSTAL & RED

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW
 NORTH ARROW
 PROPOSED PVMT. EXIST. PVMT.

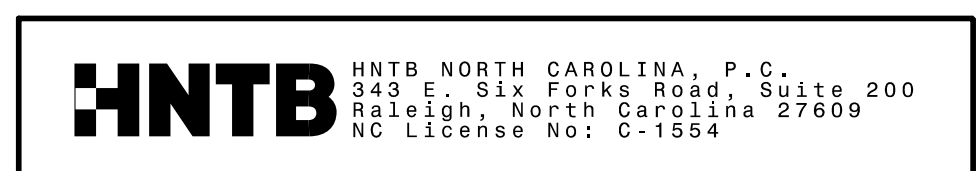
PAVEMENT MARKINGS

PAVEMENT MARKING SYMBOLS

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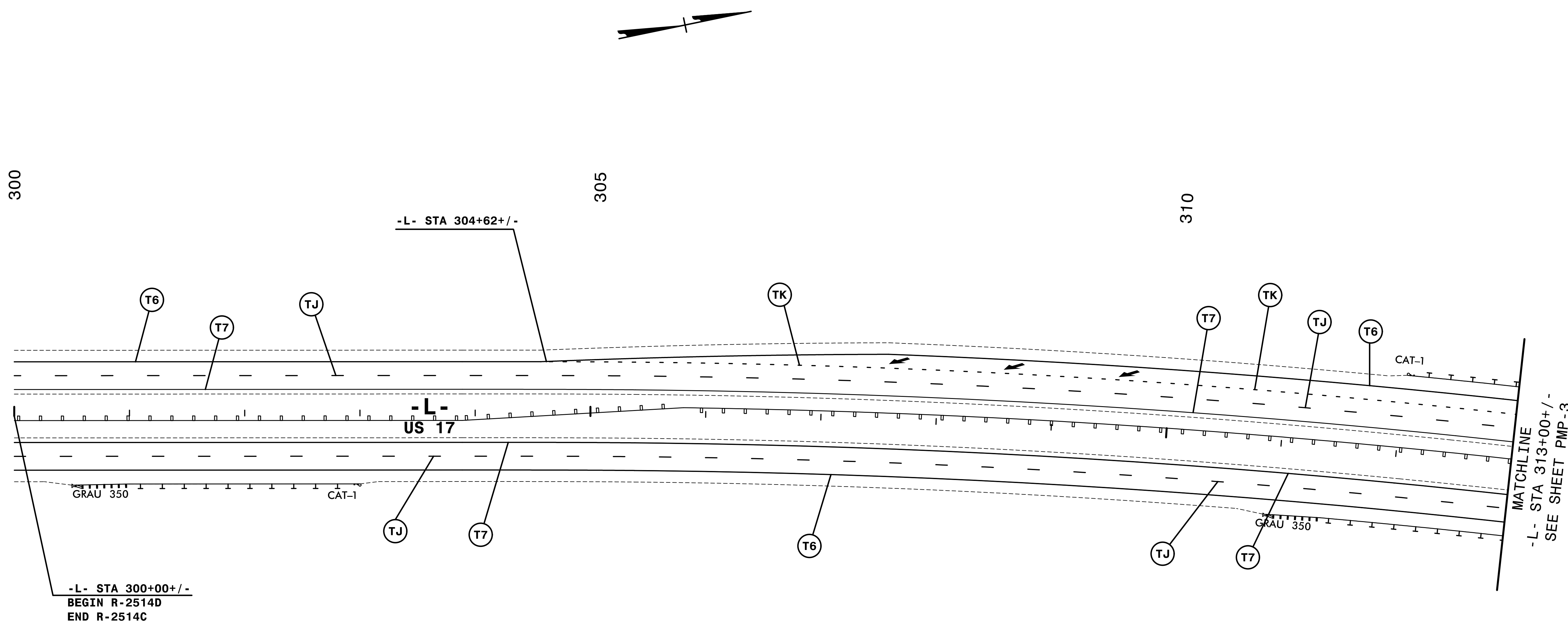
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DATE: 2/10/2015

TRANSPORTATION
 MANAGEMENT PLAN
**FINAL PAVEMENT
 MARKING SCHEDULE
 & LEGEND**

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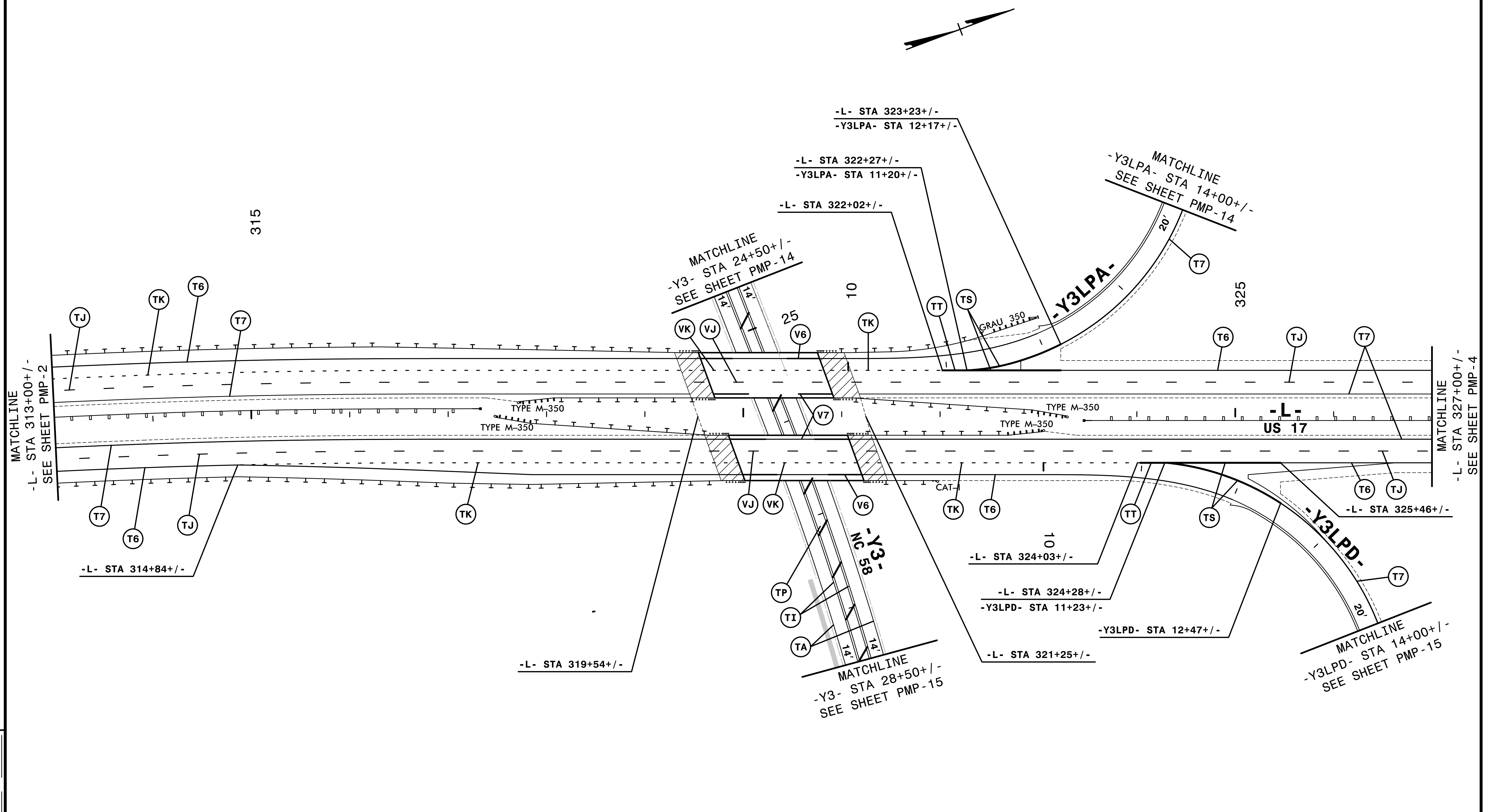
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APPROVED:			FINAL PAVEMENT MARKING PLANS	
DATE:				2/10/2015

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APPROVED: *Rhonda B. Eirly*

DESIGNED BY: Rhonda B. Eirly
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DATE: 2/10/2015

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**FINAL PAVEMENT
MARKING PLANS**

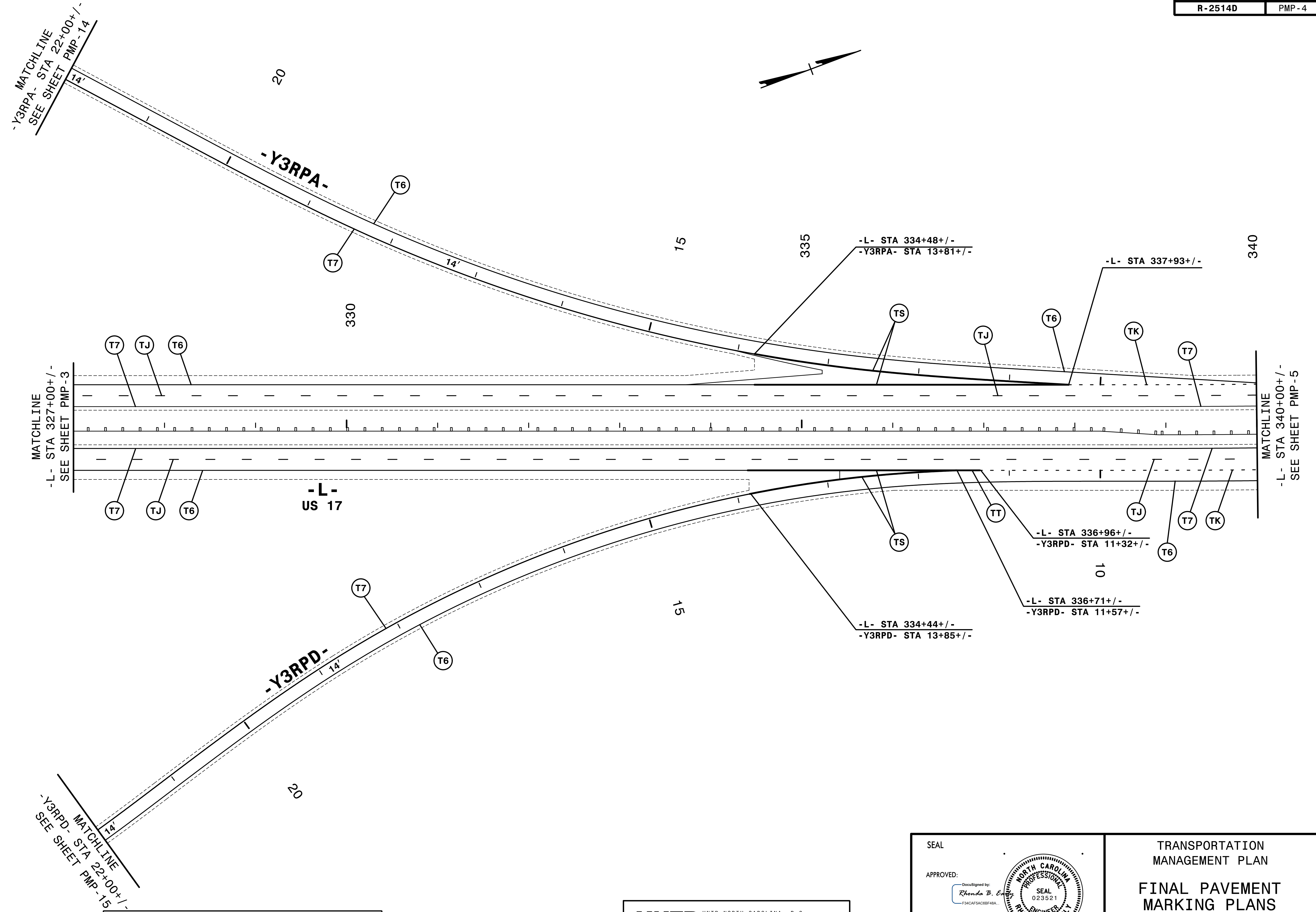
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-Y3RPA- STA 22+00+/-
SEE SHEET PMP-14

MATCHLINE
-L- STA 327+00+/-
SEE SHEET PMP-3

MATCHLINE
-Y3RPD- STA 22+00+/-
SEE SHEET PMP-15

MATCHLINE
-L- STA 340+00+/-
SEE SHEET PMP-5



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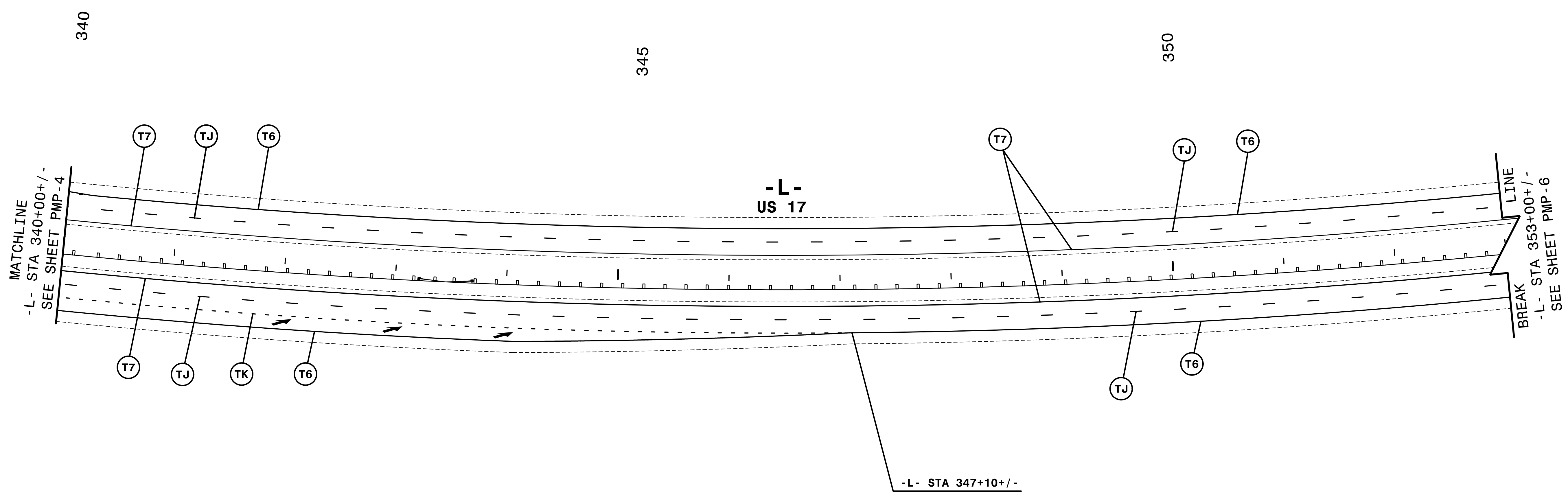
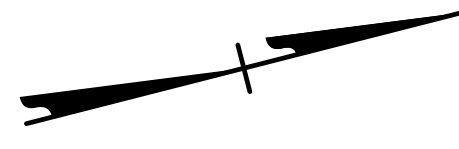
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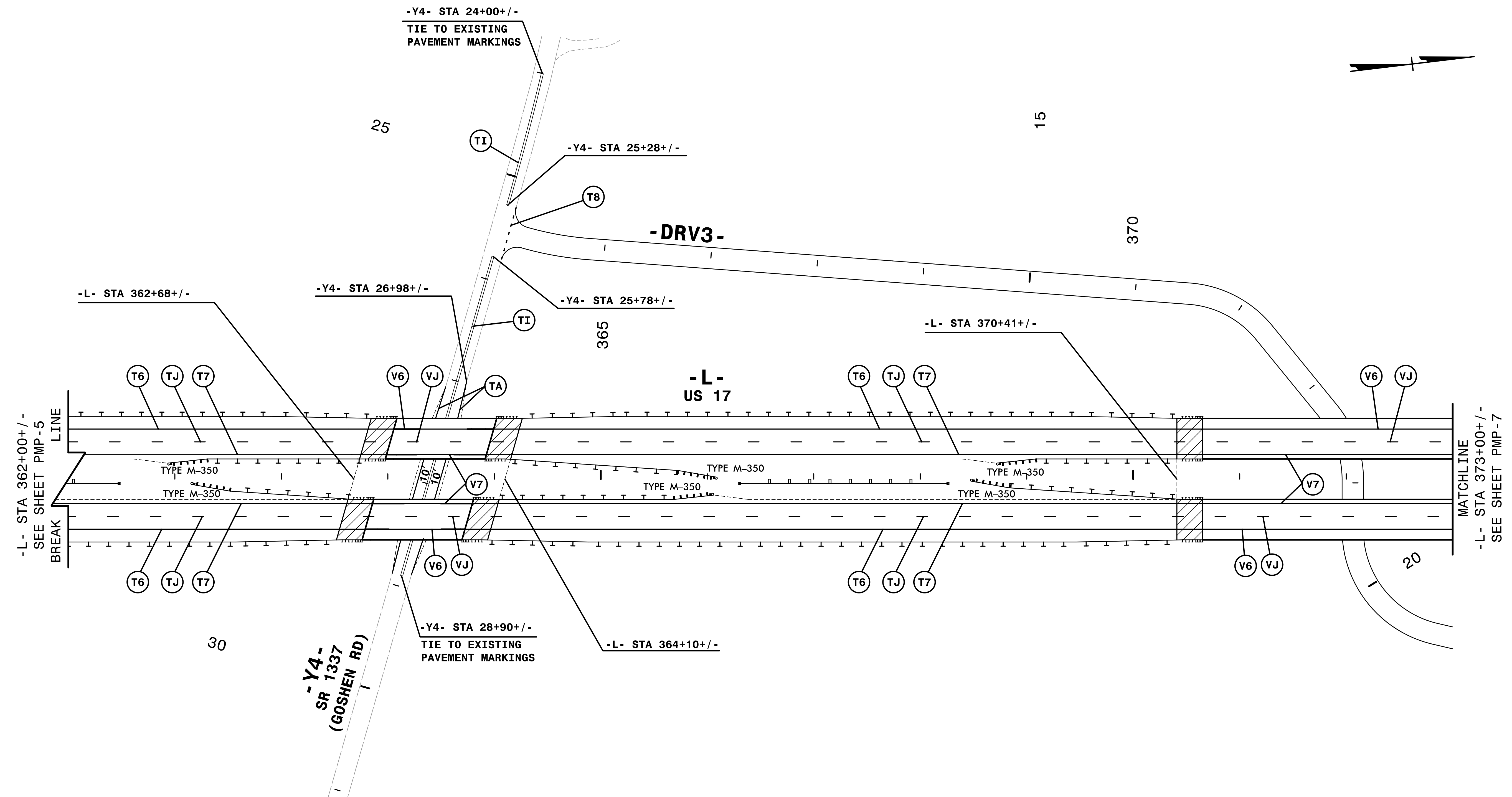
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TRANSPORTATION
MANAGEMENT PLAN

**FINAL PAVEMENT
MARKING PLANS**



REVISIONS

-L- STA 362+00+/-
SEE SHEET PMP-5
BREAK

MATCHLINE
-L- STA 373+00+/-
SEE SHEET PMP-7

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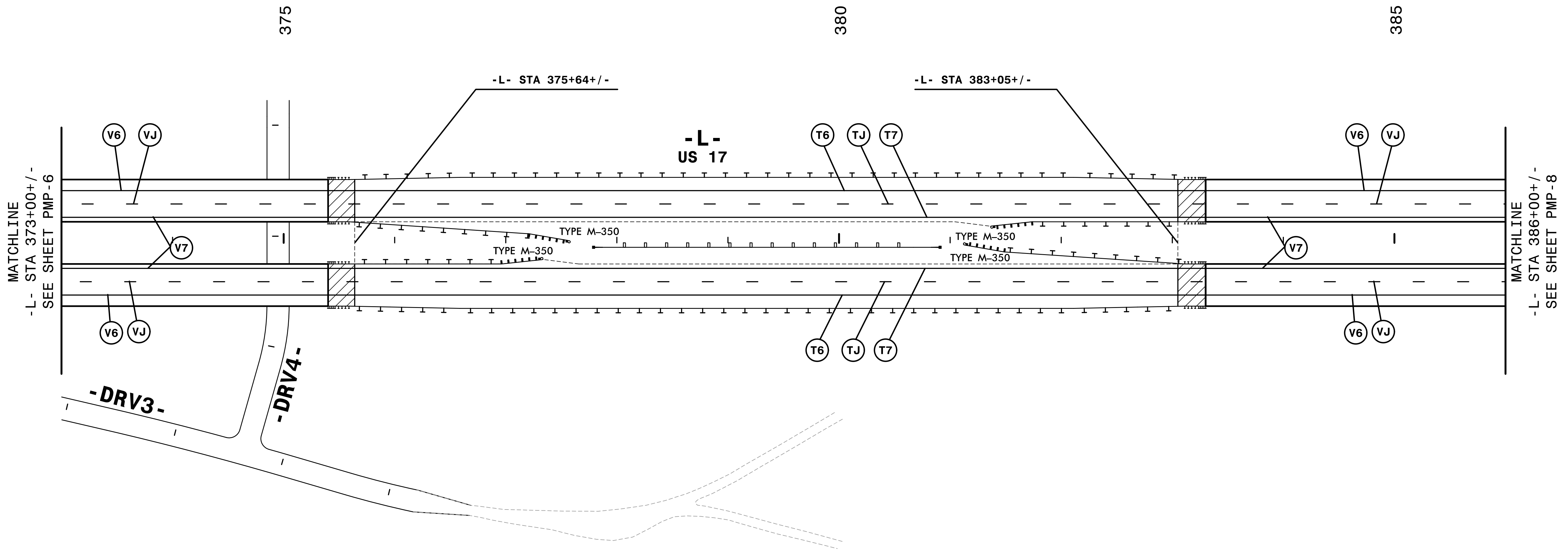
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Desigined by:
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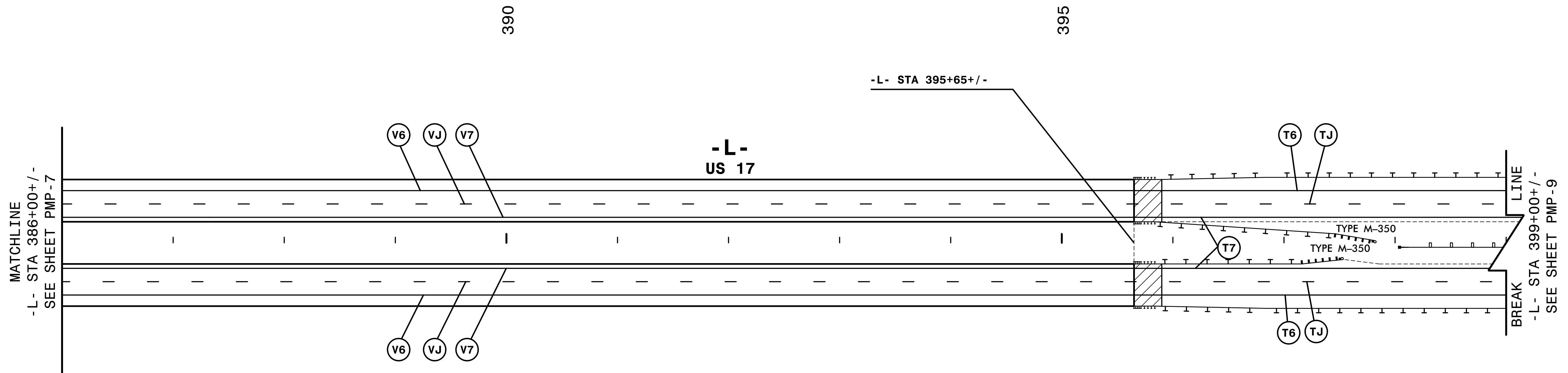
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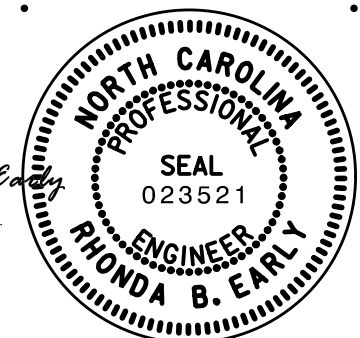
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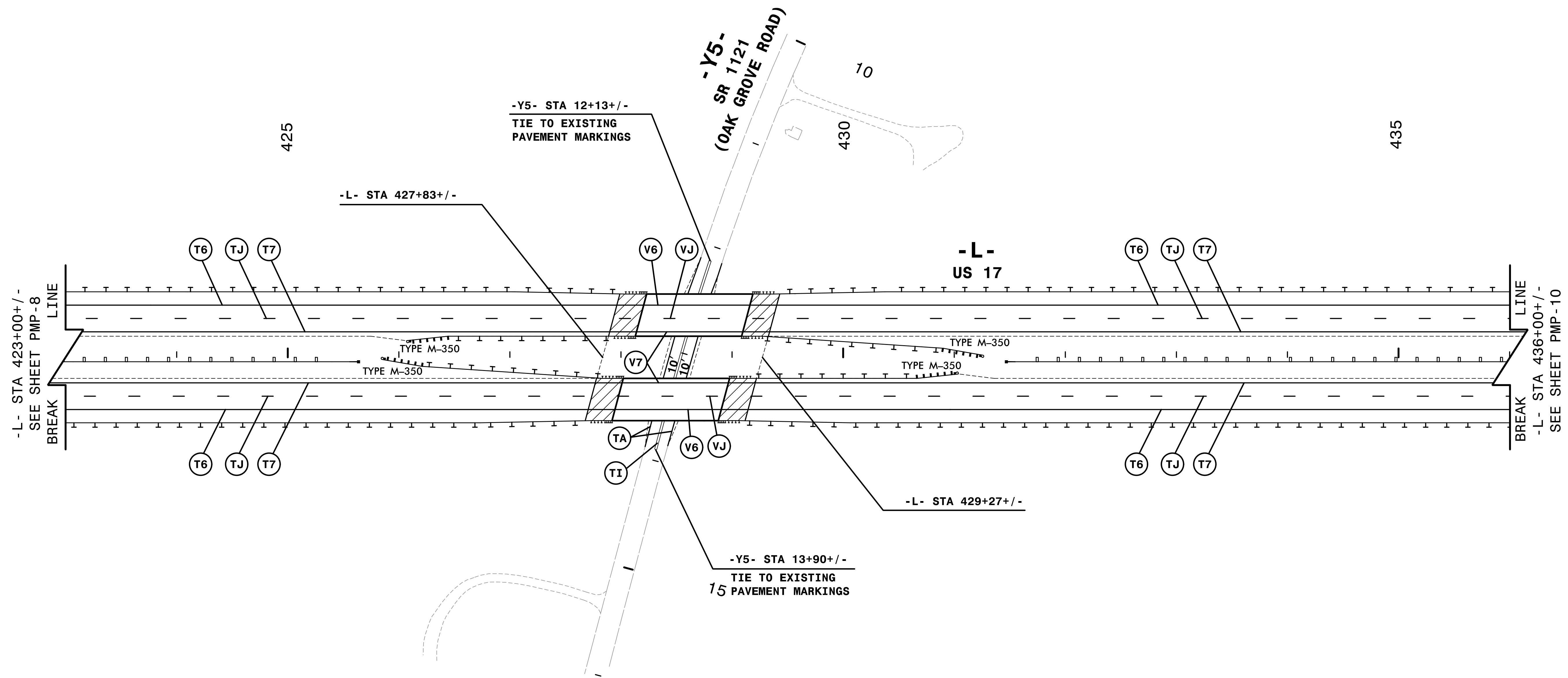
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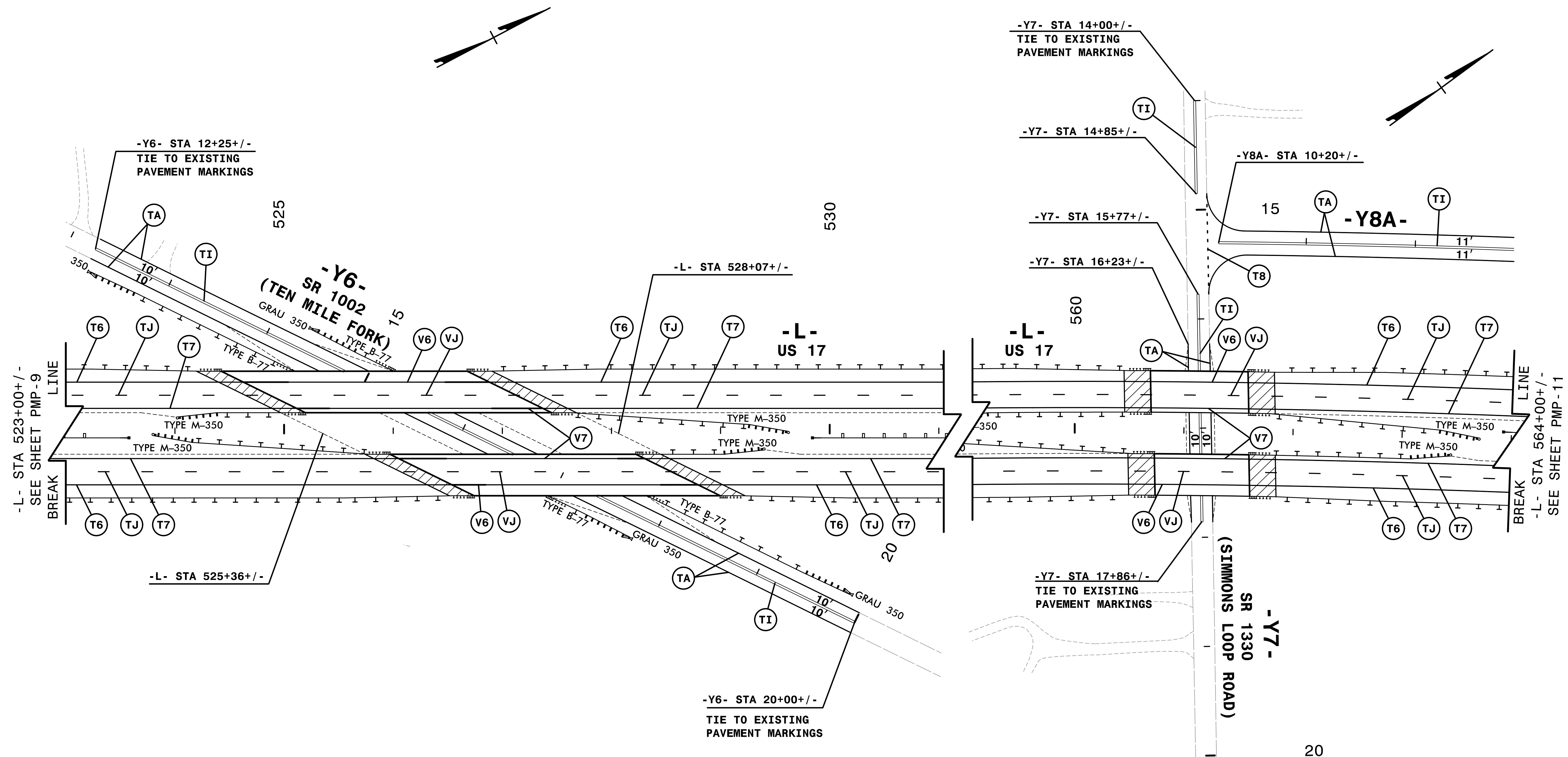
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TRANSPORTATION
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**FINAL PAVEMENT
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REVISIONS

-L- STA 523+00+/-
SEE SHEET PMP-9
BREAK LINE

-L- STA 564+00+/-
SEE SHEET PMP-11
BREAK LINE

-Y6- STA 12+25+/-
TIE TO EXISTING
PAVEMENT MARKINGS

-Y7- STA 14+00+/-
TIE TO EXISTING
PAVEMENT MARKINGS

-Y8A- STA 10+20+/-

-L- STA 528+07+/-

-Y7- STA 15+77+/-

-Y7- STA 16+23+/-

-L- STA 525+36+/-

-Y7- STA 17+86+/-
TIE TO EXISTING
PAVEMENT MARKINGS

-Y6- STA 20+00+/-
TIE TO EXISTING
PAVEMENT MARKINGS

20

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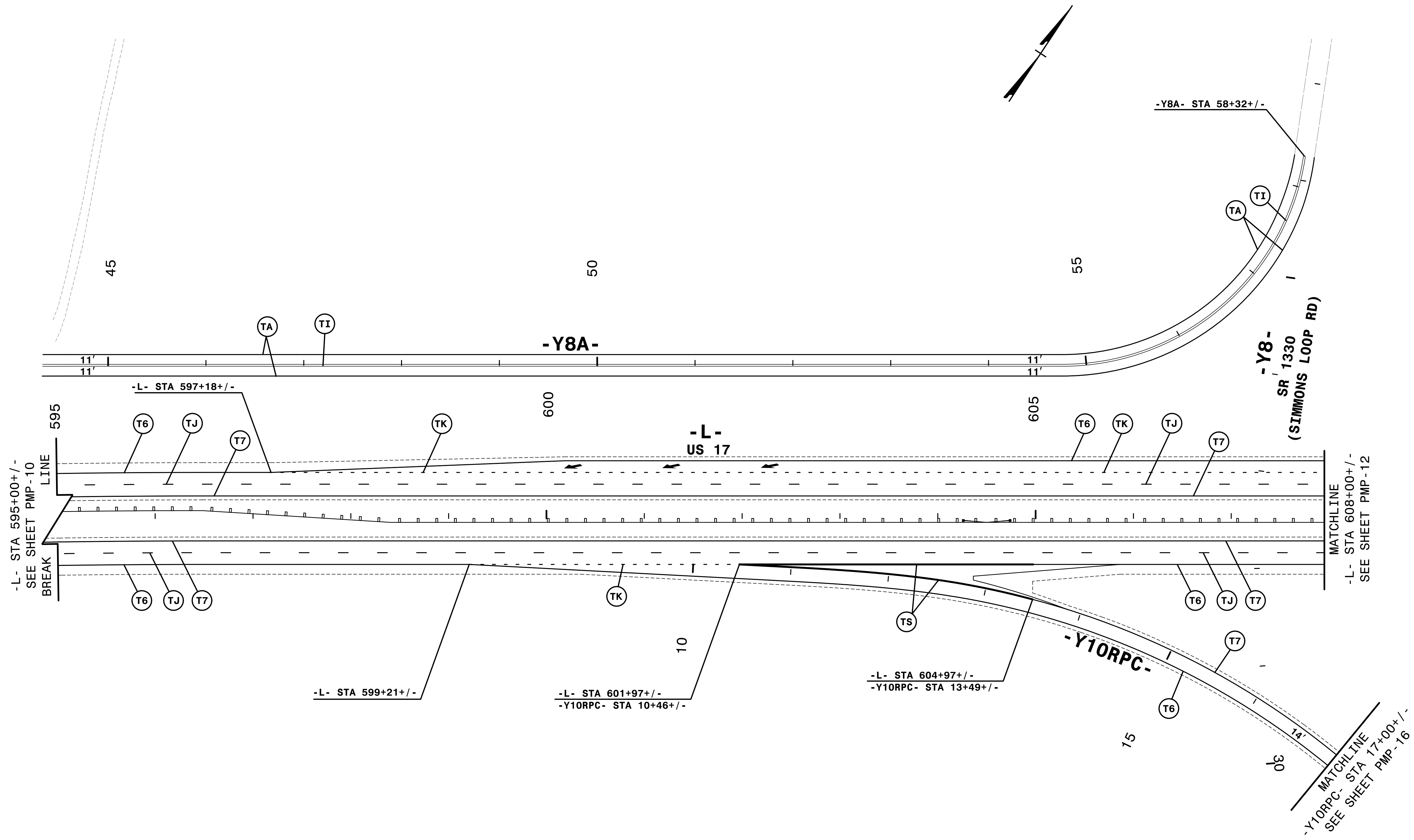
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REVISIONS



-L- STA 595+00+/-
SEE SHEET PMP-10
BREAK
LINE

-L- STA 597+18+/-

-L- STA 599+21+/-

-L- STA 601+97+/-
-Y10RPC- STA 10+46+/-

-L- STA 604+97+/-
-Y10RPC- STA 13+49+/-

MATCHLINE
-L- STA 608+00+/-
SEE SHEET PMP-12

MATCHLINE
-Y10RPC- STA 17+00+/-
SEE SHEET PMP-16

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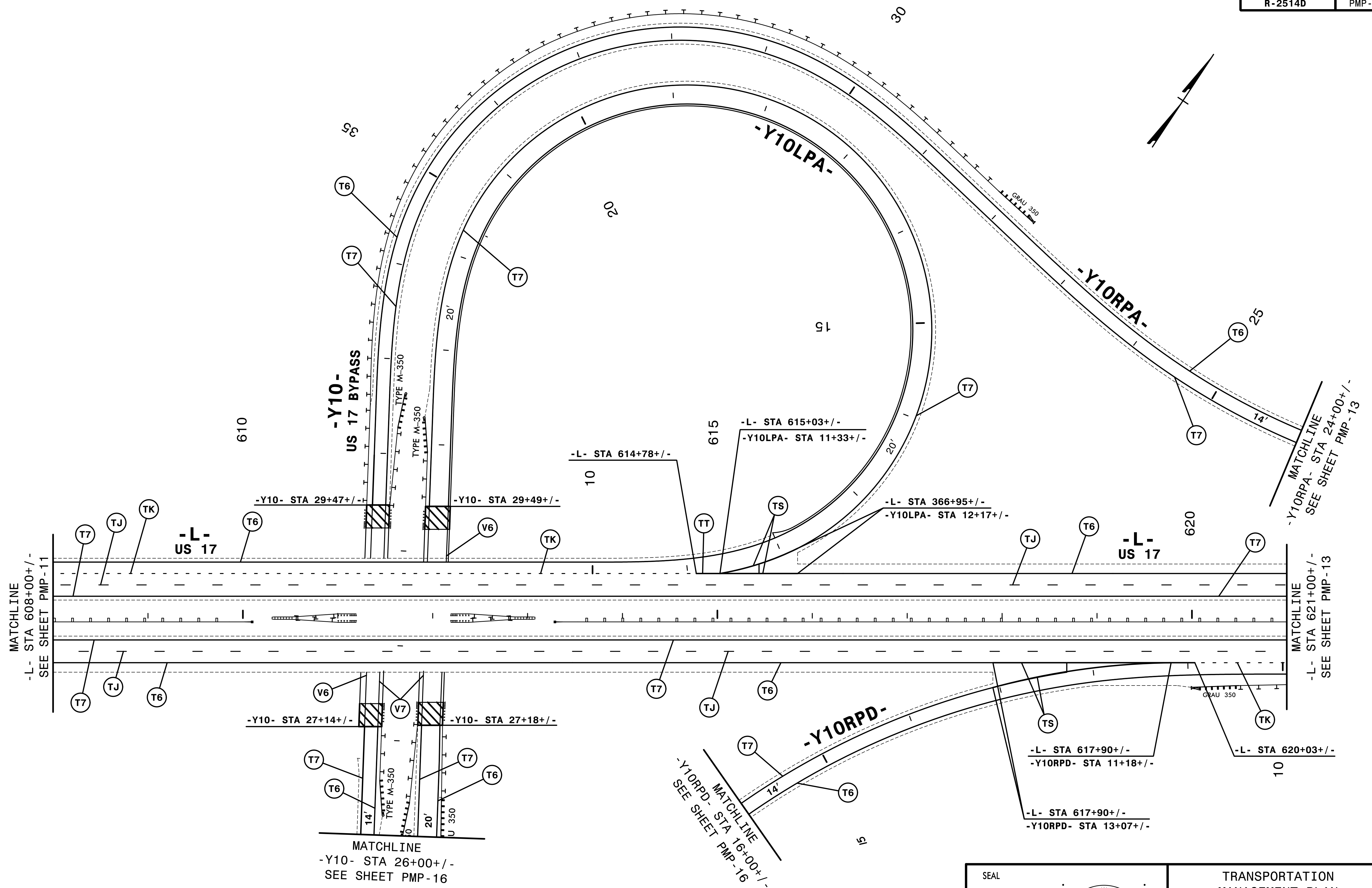
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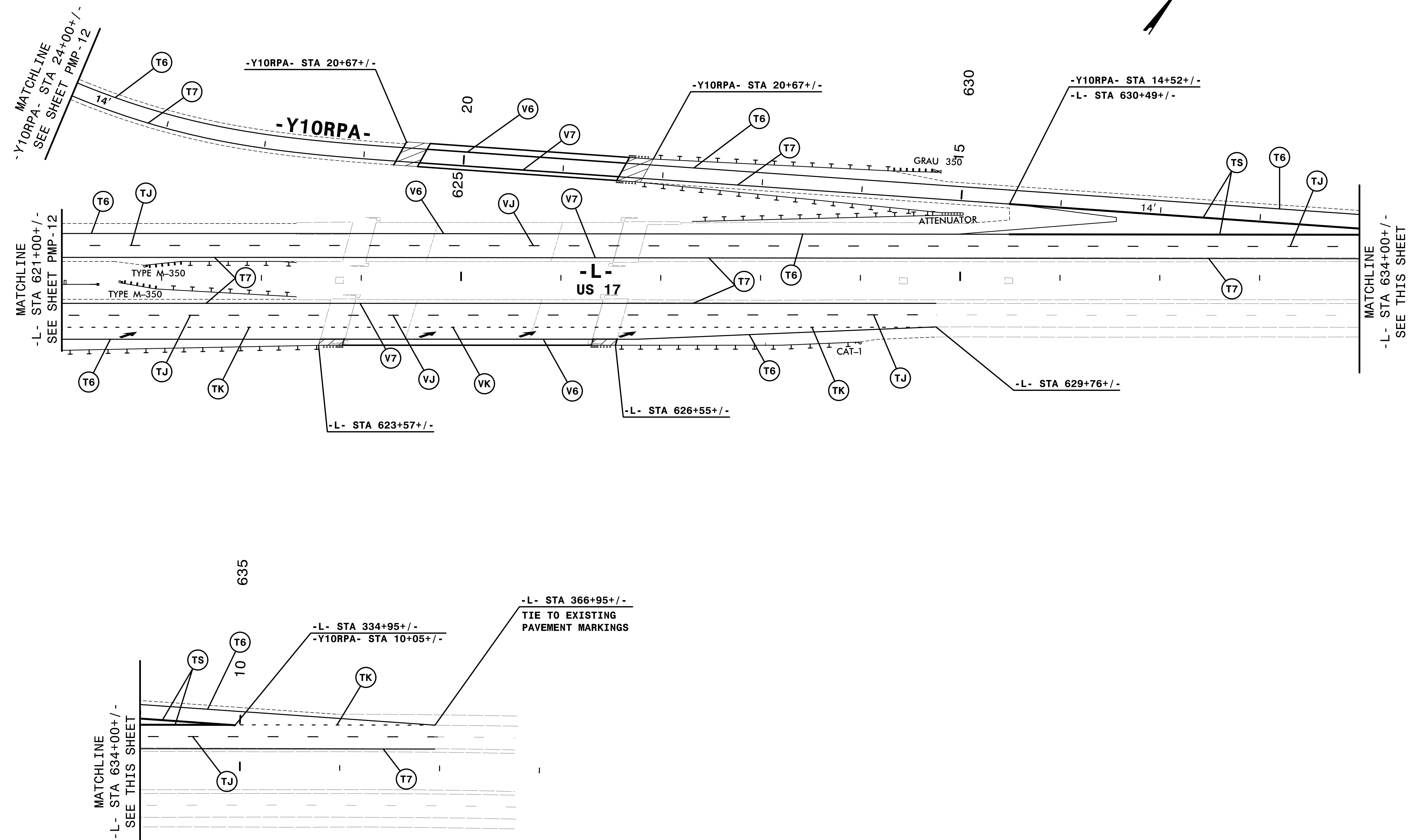
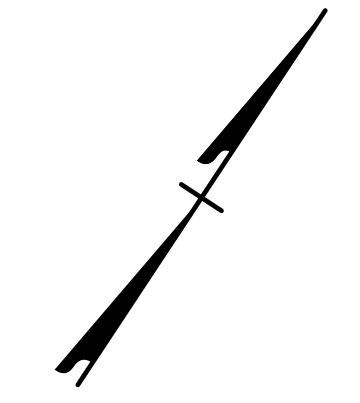
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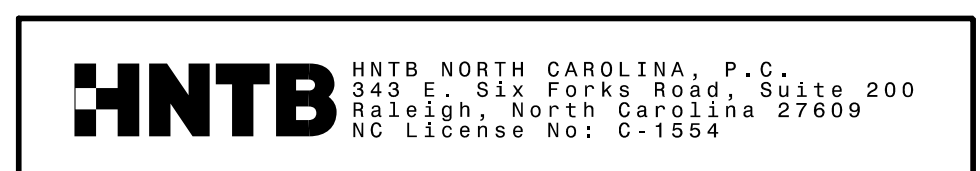
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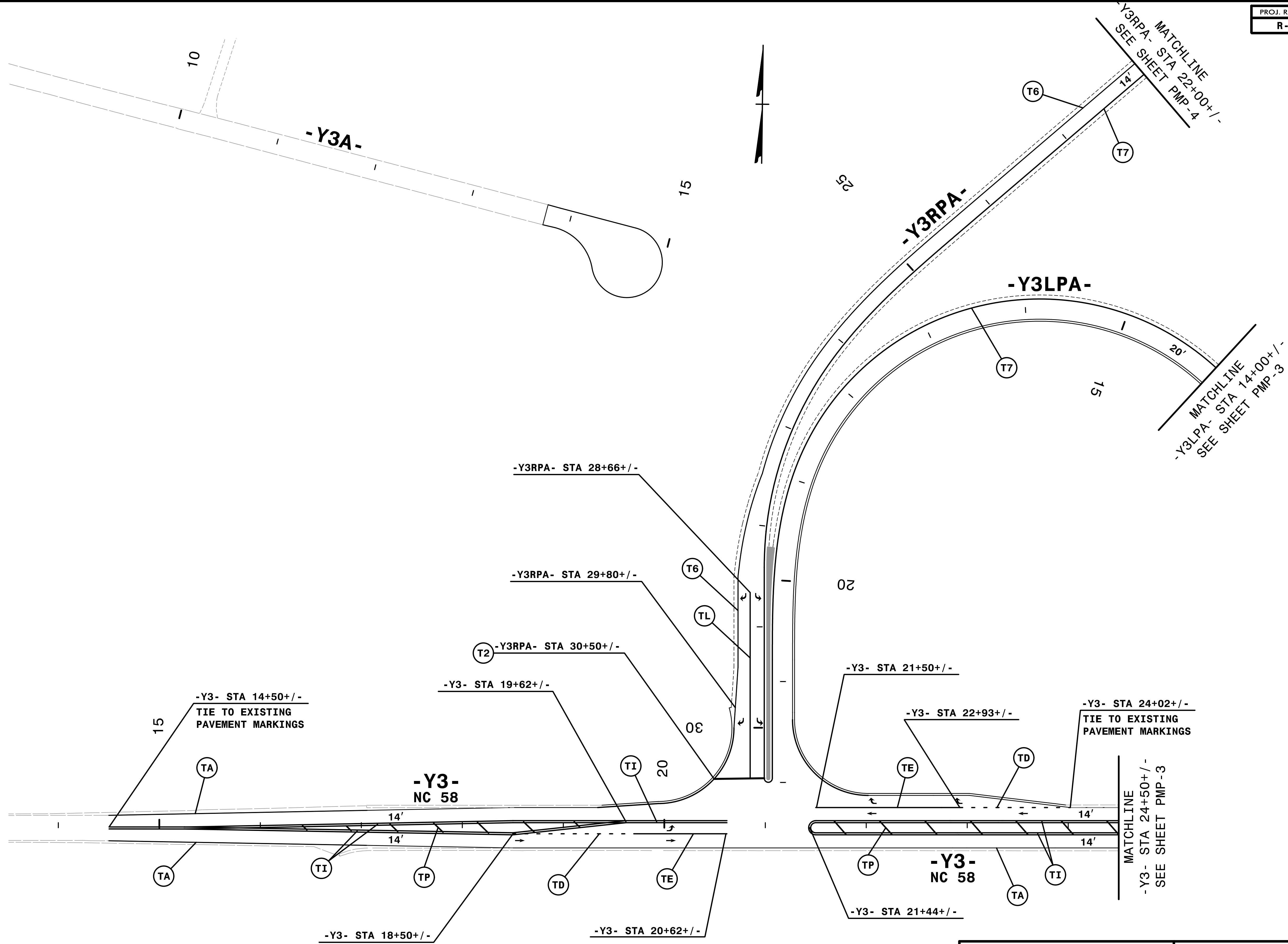
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**FINAL PAVEMENT
MARKING PLANS**



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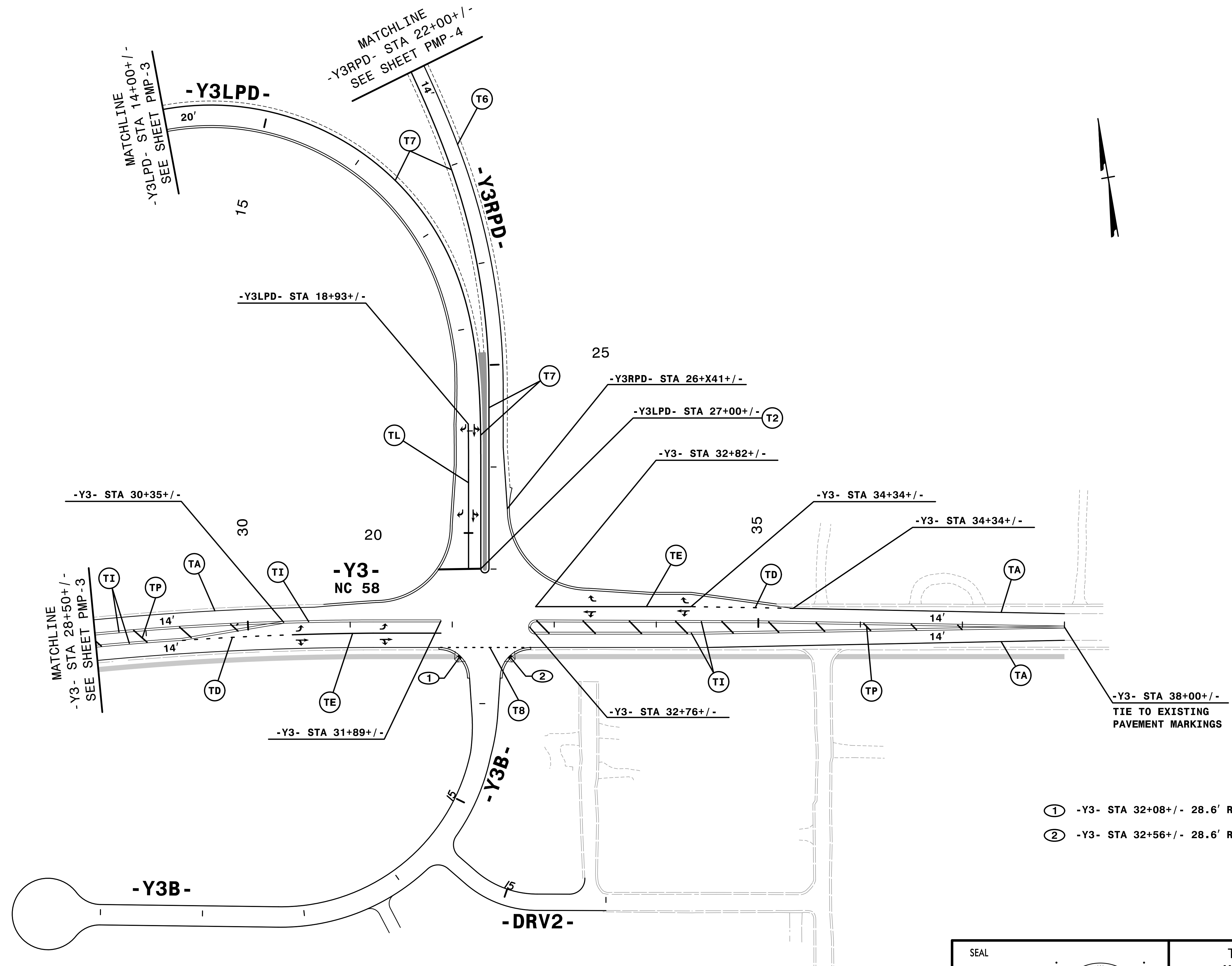
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TRANSPORTATION
 MANAGEMENT PLAN

**FINAL PAVEMENT
 MARKING PLANS**

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APPROVED:
Digitally signed by:
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TRANSPORTATION
MANAGEMENT PLAN

**FINAL PAVEMENT
MARKING PLANS**

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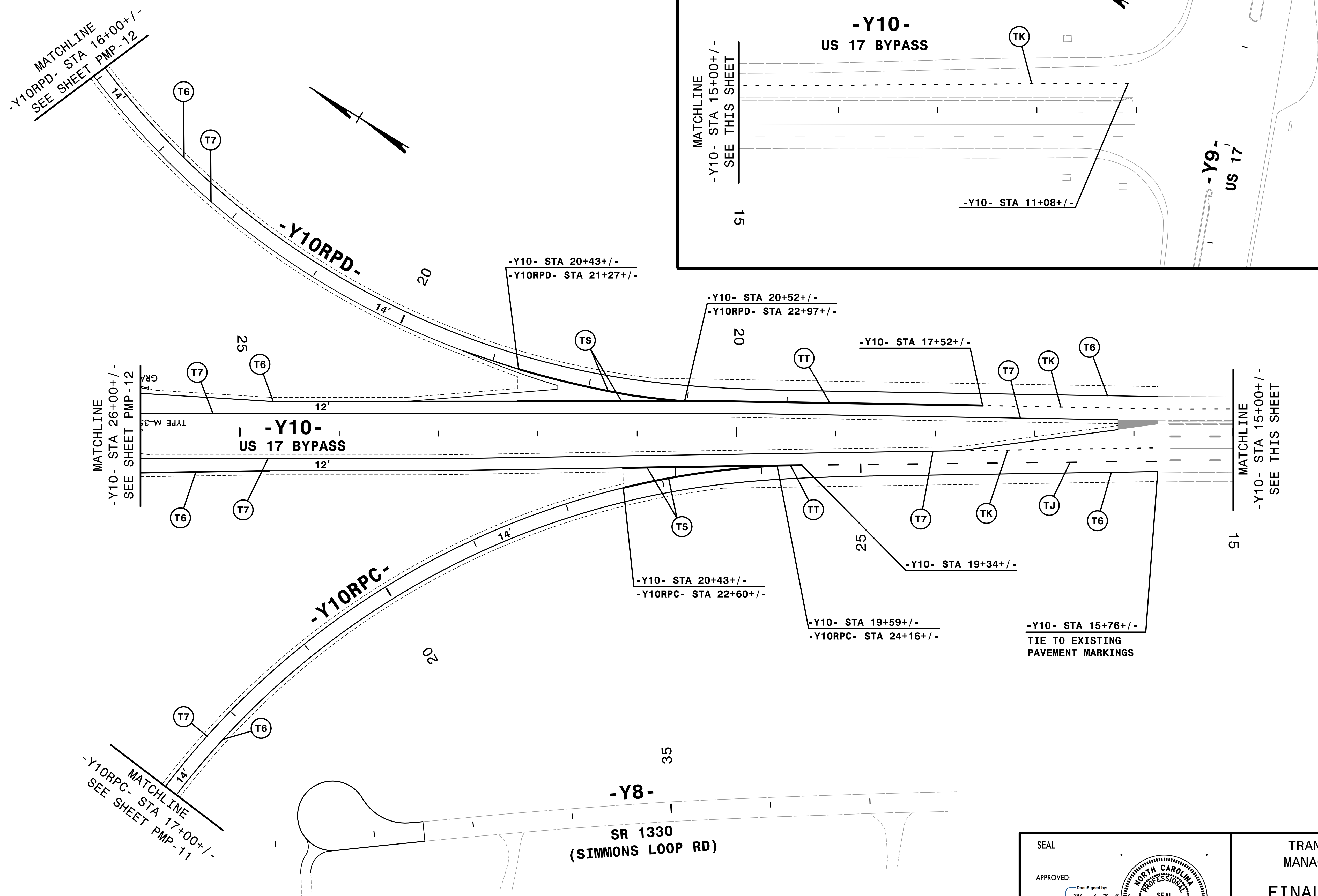
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 -Y10RPD- STA 16+00+/-
 SEE SHEET PMP-12

MATCHLINE
 -Y10RPC- STA 17+00+/-
 SEE SHEET PMP-11

MATCHLINE
 -Y10- STA 26+00+/-
 SEE SHEET PMP-12

MATCHLINE
 -Y10- STA 15+00+/-
 SEE THIS SHEET

MATCHLINE
 -Y10- STA 15+00+/-
 SEE THIS SHEET



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 MARKING PLANS**