

T.I.P.: R-2510C

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
BEAUFORT COUNTY**

**LOCATION: US 17 FROM NORTH OF SR 1509 (SPRINGS ROAD)
TO NORTH OF NC 171**

<small>TIP NO.</small> R-2510C	<small>SHEET NO.</small> PMP-1
<small>APPROVED:</small>	
<small>DATE:</small> 10-5-10	
<small>SEAL</small>	

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 JULY 2006 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 MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
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.

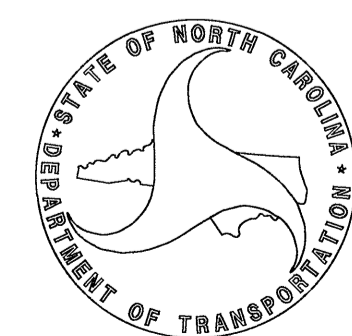
A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
ALL EXCEPT BRIDGES	THERMOPLASTIC	SNOWPLOWABLE
BRIDGES	COLD APPLIED PLASTIC	SNOWPLOWABLE

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONE WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOPBAR LOCATIONS AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE BRIDGE DECK(S) PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKINGS.

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

AYMAN ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
D. PILLAR SIGNING & DELINEATION DESIGN ENGINEER



INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-15	PAVEMENT MARKING DETAIL

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM QUANTITY	TOTAL
T2	WHITE STOPBAR	THERMOPLASTIC(24", 120 MILS) 278 LF	TOTAL 278 LF
T1	YELLOW DOUBLE CENTER	THERMOPLASTIC(4", 120 MILS) 5324 LF	TOTAL 5324 LF
TA TB	WHITE EDGELINE YELLOW EDGELINE	THERMOPLASTIC(4", 90 MILS) 3126 LF 301 LF	TOTAL 3427 LF
C6 C7 CK	WHITE EDGELINE YELLOW EDGELINE 10 FT. WHITE SKIP	COLD APPLIED PLASTIC (6") Type2 - Permanent High Performance 695 LF 695 LF 174 LF	TOTAL 1564 LF
T12 TJ TK TL	2 FT. - 8 FT./SP YELLOW MINISKIP 10 FT. WHITE SKIP 2 FT. - 13 FT./SP WHITE MINISKIP WHITE SOLID LANE LINE	THERMOPLASTIC(6", 120 MILS) 118 LF 11351 LF 9778 LF 874 LF	TOTAL 22121 LF
T6 T7	WHITE EDGELINE YELLOW EDGELINE	THERMOPLASTIC(6", 90 MILS) 47850 LF 44767 LF	TOTAL 92617 LF
CR CS	WHITE GORELINE WHITE DIAGONAL	COLD APPLIED PLASTIC (8") Type2 - Permanent High Performance 395 LF 40 LF	TOTAL 435 LF
TP TQ TT	WHITE GORELINE WHITE DIAGONAL YELLOW DIAGONAL	THERMOPLASTIC(8", 90 MILS) 12612 LF 1272 LF 381 LF	TOTAL 14265 LF
DA	LEFT TURN ARROW	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL Type2 - Permanent High Performance 1 EA	TOTAL 1 EA
UA UB UC UT	LEFT TURN ARROW RIGHT TURN ARROW STRAIGHT ARROW U-TURN ARROW	THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS) 51 EA 15 EA 4 EA 1 EA	TOTAL 71 EA
MF	CRYSTAL & RED	SNOWPLOWABLE RAISED PAVEMENT MARKERS 679 EA	TOTAL 679 EA

SYMBOL AND PAVEMENT MARKING LEGEND

THERMOPLASTIC/COLD APPLIED PLASTIC


- ↶ UA/DA LEFT TURN ARROW
- ↷ UB RIGHT TURN ARROW
- ← UC STRAIGHT ARROW
- ↘ UE COMBO STRAIGHT/RIGHT ARROW
- ↻ UT U-TURN ARROW

THERMOPLASTIC

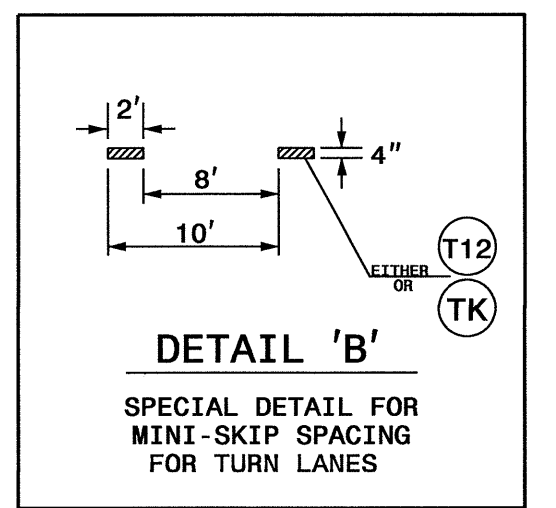
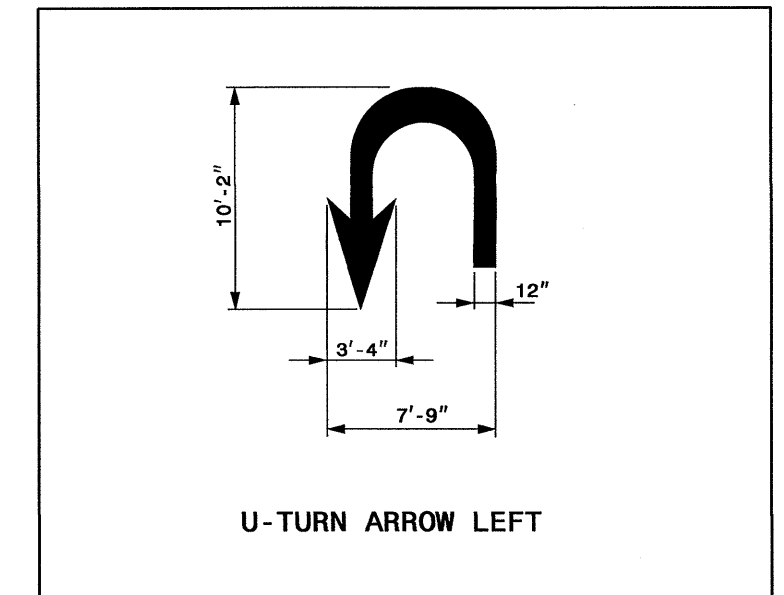
- ⊖ (UA) LEFT ARROW
- ⊖ (UB) RIGHT ARROW
- ⊖ (UC) STRAIGHT ARROW
- ⊖ (UT) U-TURN ARROW
- ⊖ (T2) WHITE STOP BAR
- ⊖ (TI) YELLOW DOUBLE CENTER
- ⊖ (TA) WHITE EDGELINE
- ⊖ (TJ) 10 FT. WHITE SKIP
- ⊖ (TT) YELLOW DIAGONAL
- ⊖ (TB) YELLOW EDGELINE
- ⊖ (T12) 2 FT. - 8 FT./SP YELLOW MINISKIP
- ⊖ (TP) WHITE GORELINE
- ⊖ (TQ) WHITE DIAGONAL
- ⊖ (T6) WHITE EDGELINE
- ⊖ (T7) YELLOW EDGELINE
- ⊖ (TK) 2 FT. - 13 FT./SP WHITE MINISKIP
- ⊖ (TL) WHITE SOLID LANE LINE

COLD APPLIED PLASTIC

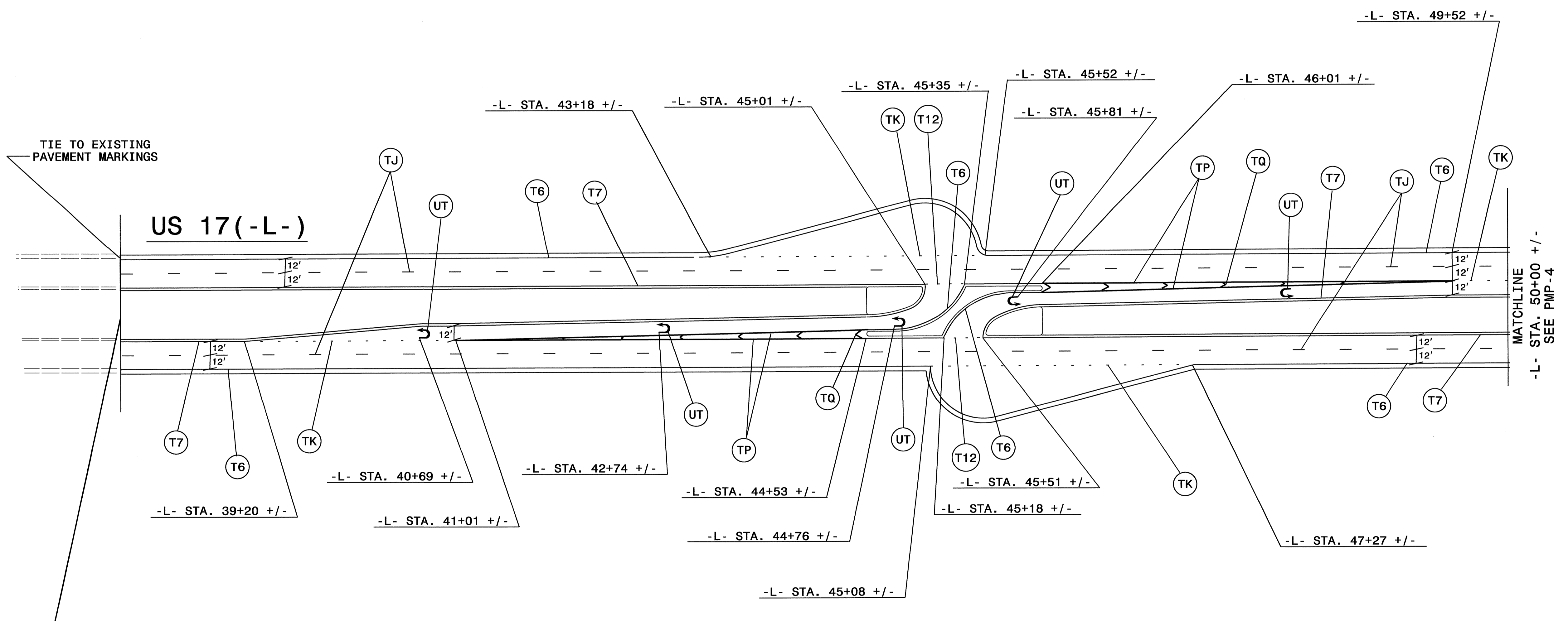
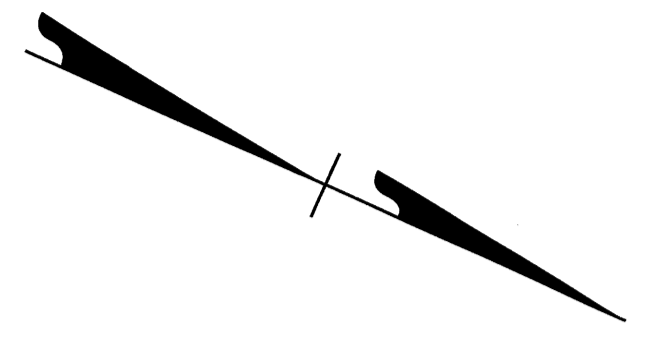
- ⊖ (C6) WHITE EDGELINE
- ⊖ (C7) YELLOW EDGELINE
- ⊖ (CK) 10 FT. WHITE SKIP
- ⊖ (DA) LEFT TURN ARROW
- ⊖ (CR) WHITE GORELINE
- ⊖ (CS) WHITE DIAGONAL

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U-TURN ARROW DETAIL



- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↩ UA/DA LEFT TURN ARROW
 - ↪ UB RIGHT TURN ARROW
 - ← UC STRAIGHT ARROW
 - ↘ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW

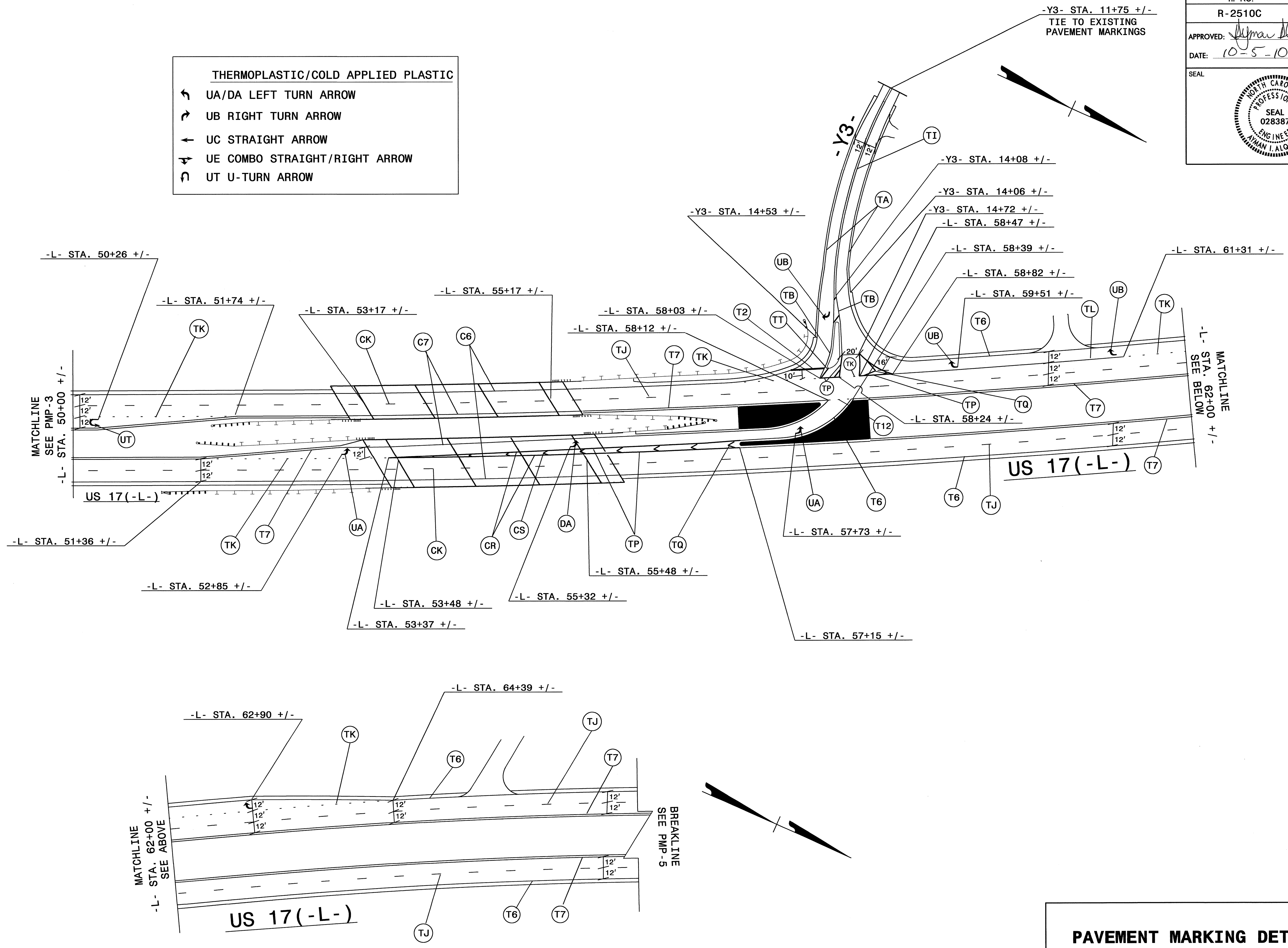


-L- POT Sta. 38+15.00 BEGIN STATE PROJECT R-2510C

PAVEMENT MARKING DETAIL

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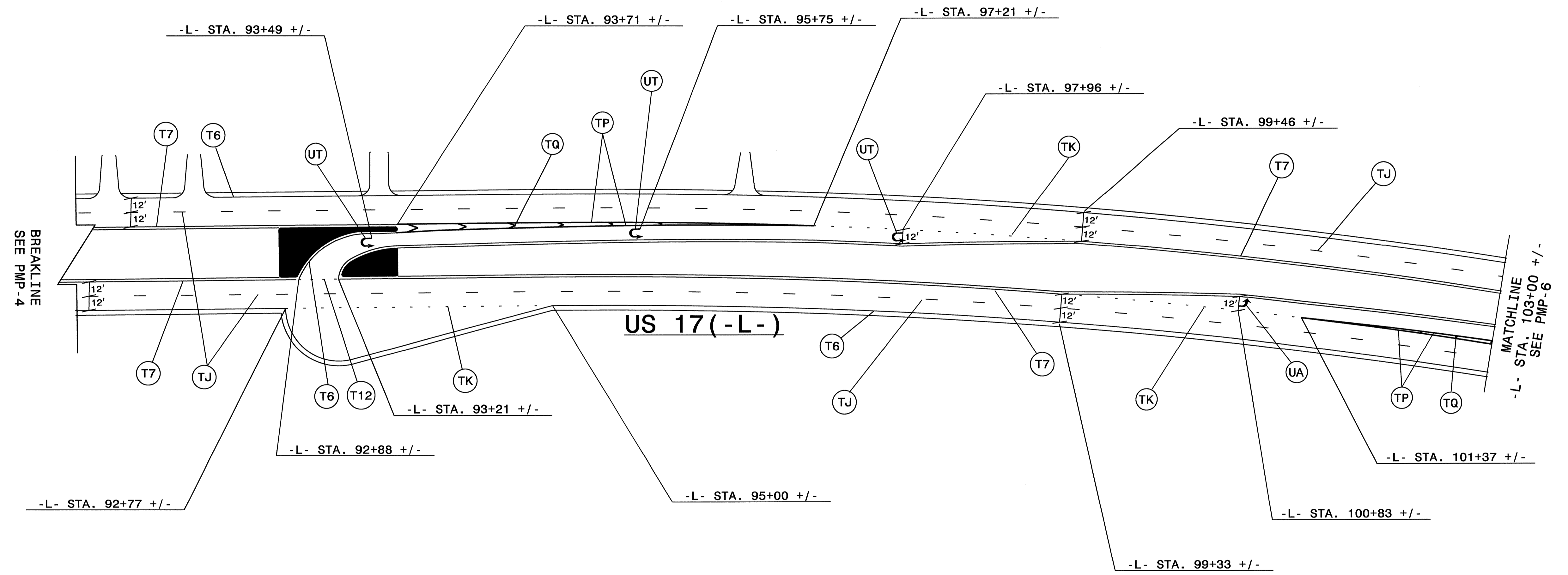
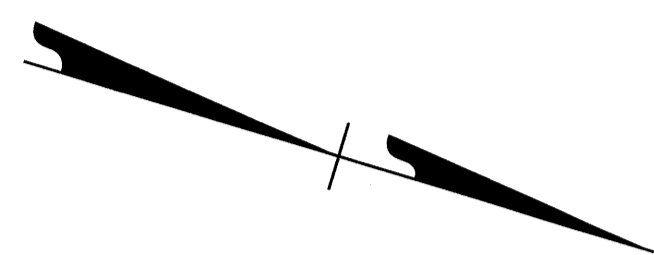
- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↙ UA/DA LEFT TURN ARROW
 - ↘ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↗ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



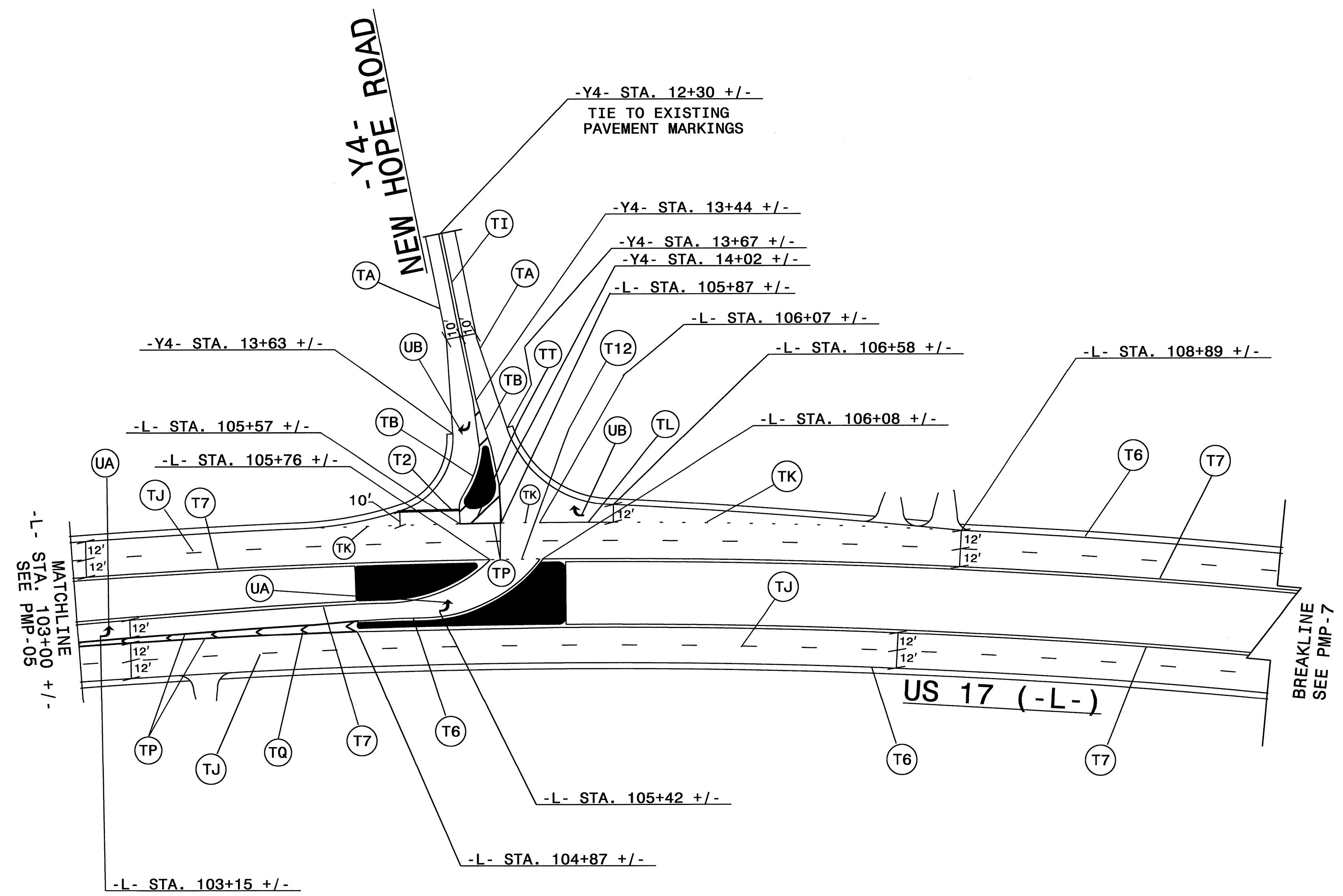
PAVEMENT MARKING DETAIL

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- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↶ UA/DA LEFT TURN ARROW
 - ↷ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↷ ↶ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW

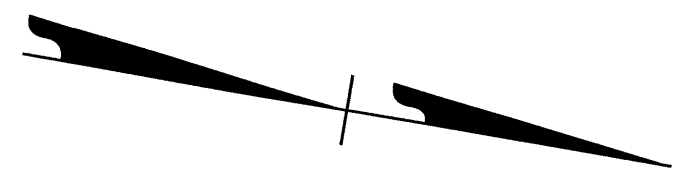
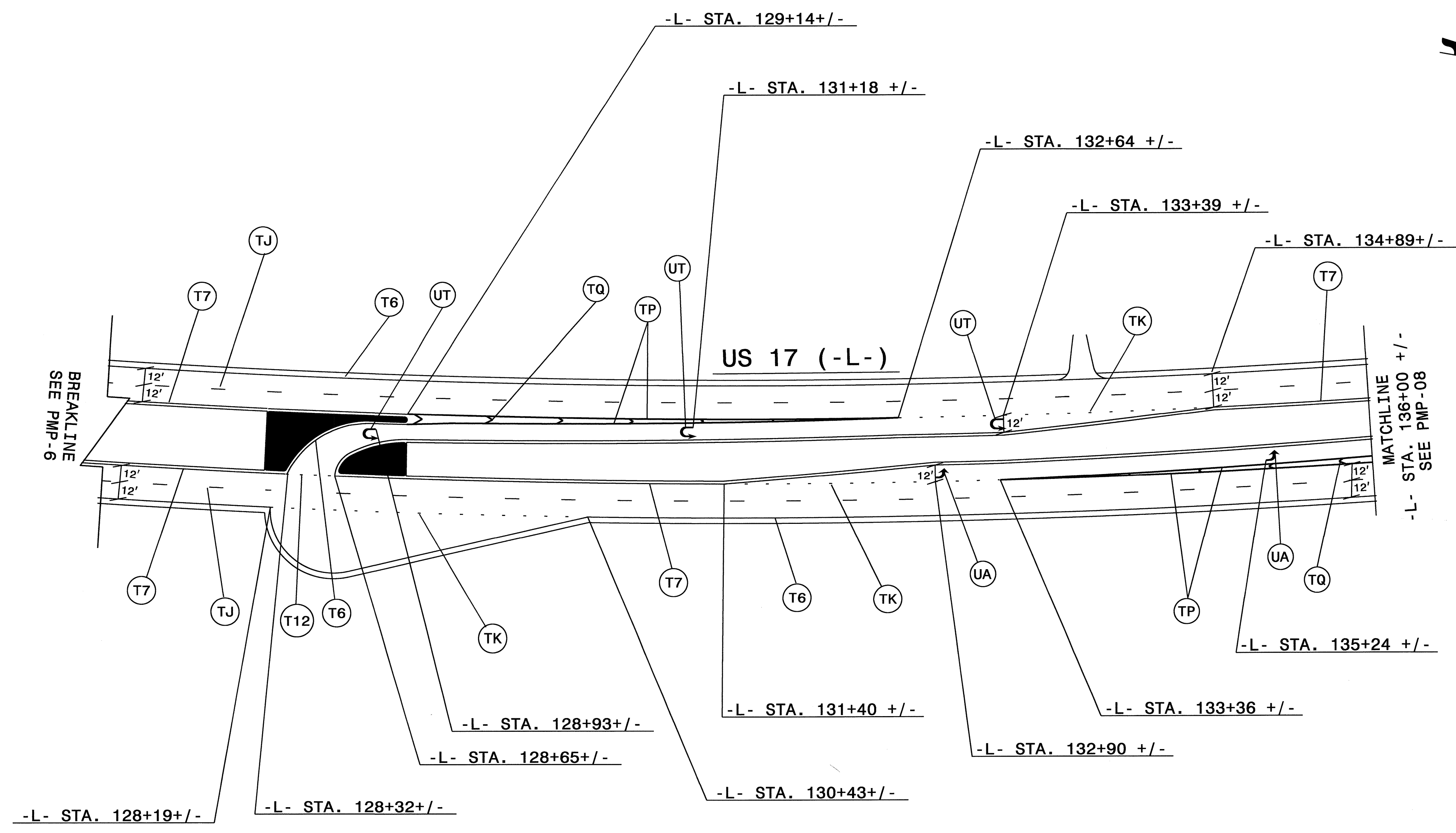


PAVEMENT MARKING DETAIL



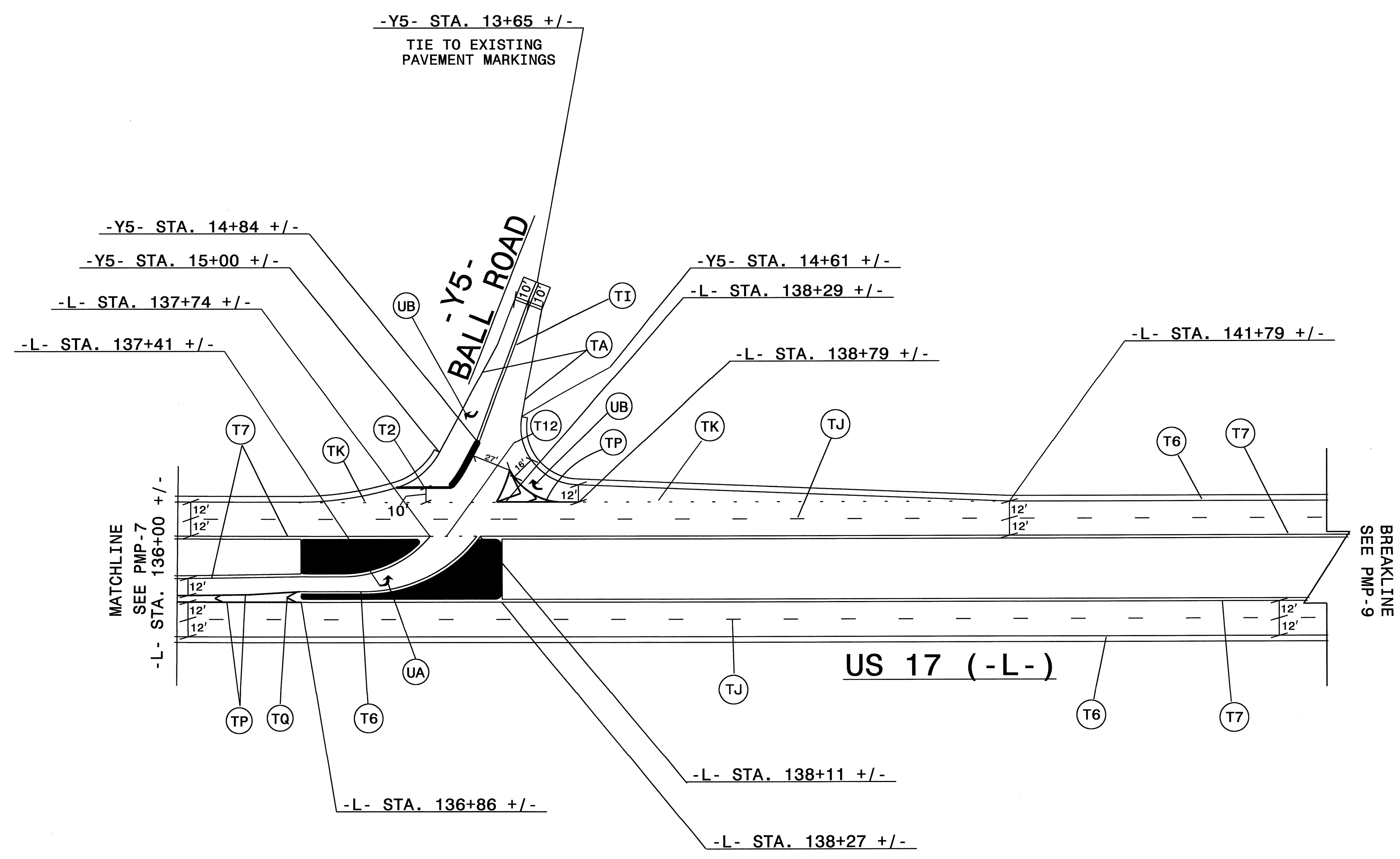
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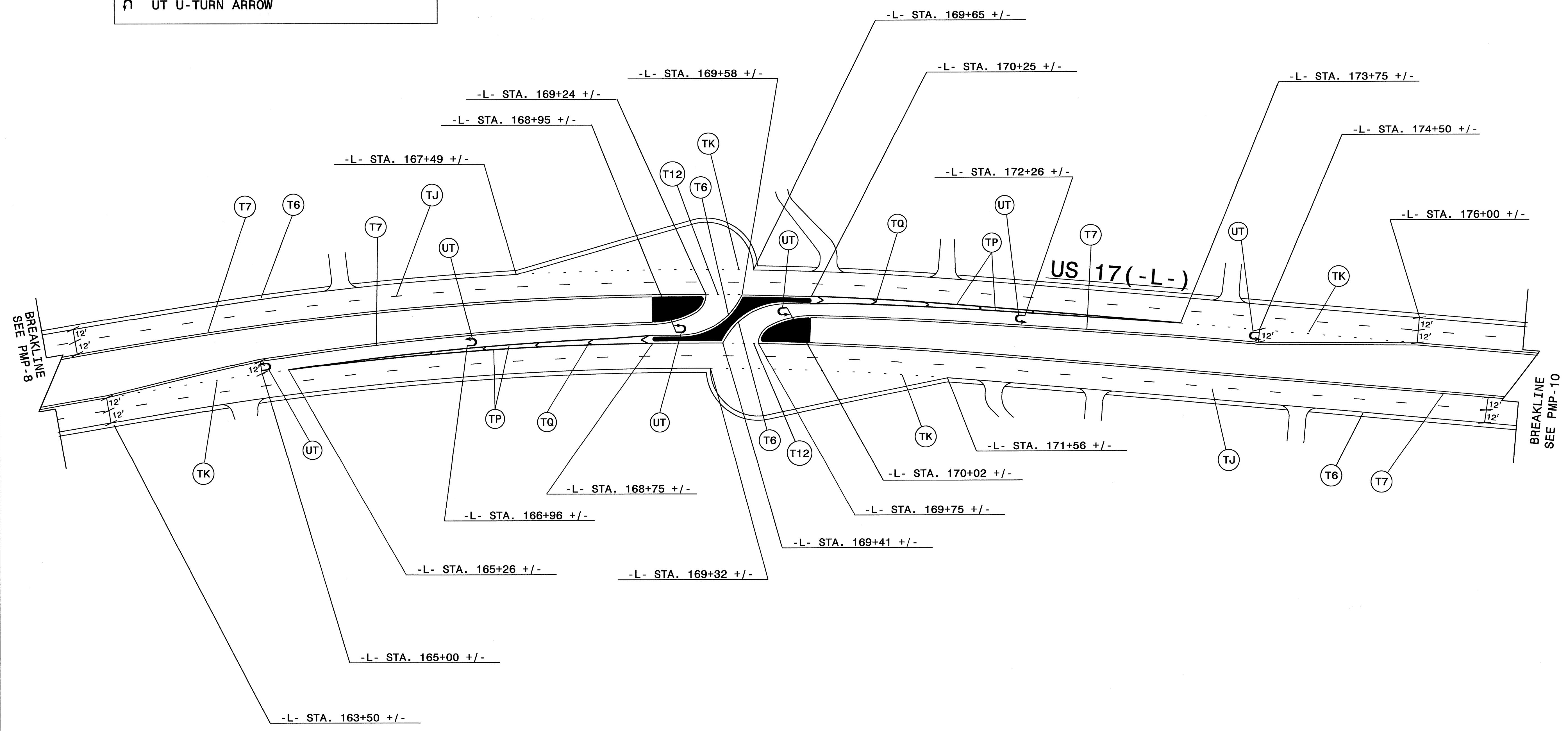
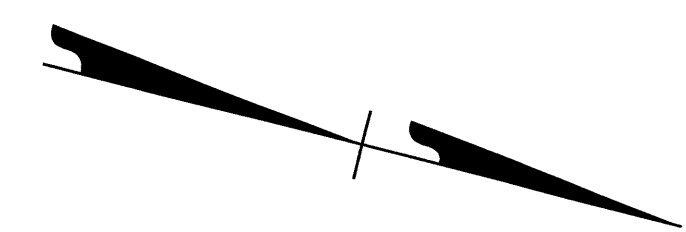
PAVEMENT MARKING DETAIL

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PAVEMENT MARKING DETAIL


- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↩ UA/DA LEFT TURN ARROW
 - ↪ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↗ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



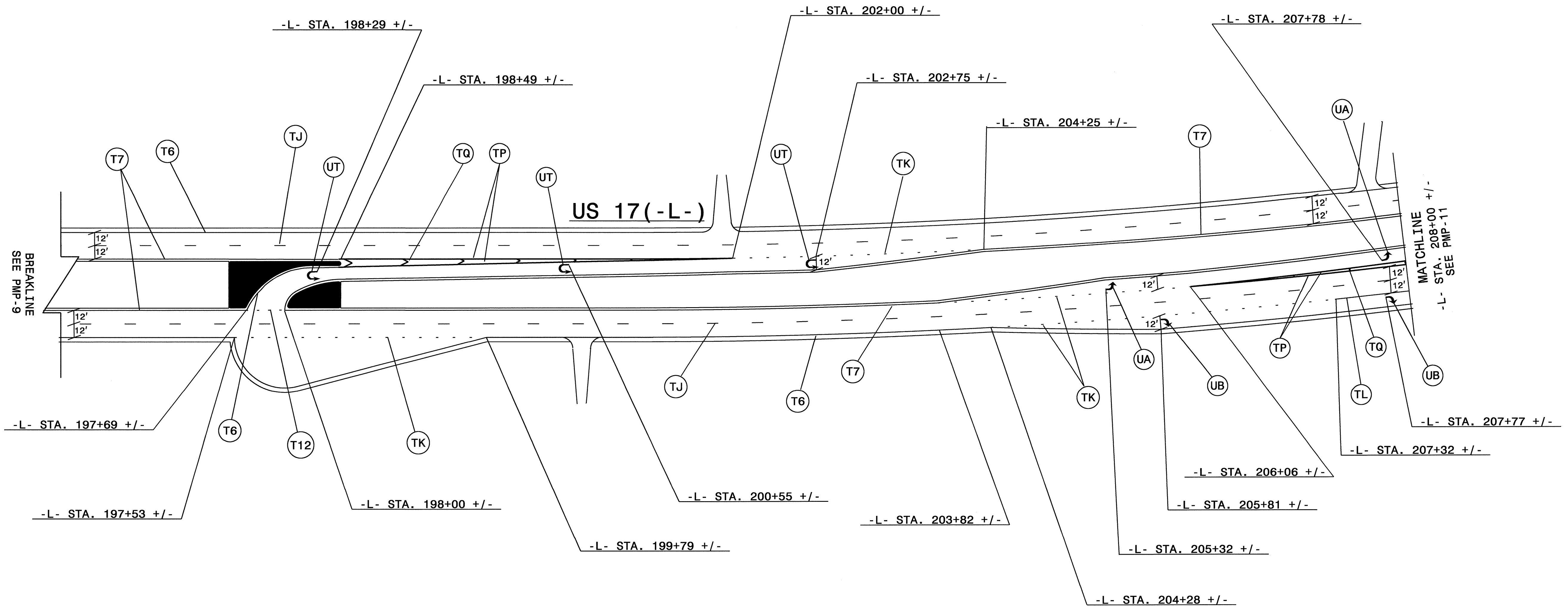
BREAKLINE
SEE PMP-8

BREAKLINE
SEE PMP-10

PAVEMENT MARKING DETAIL

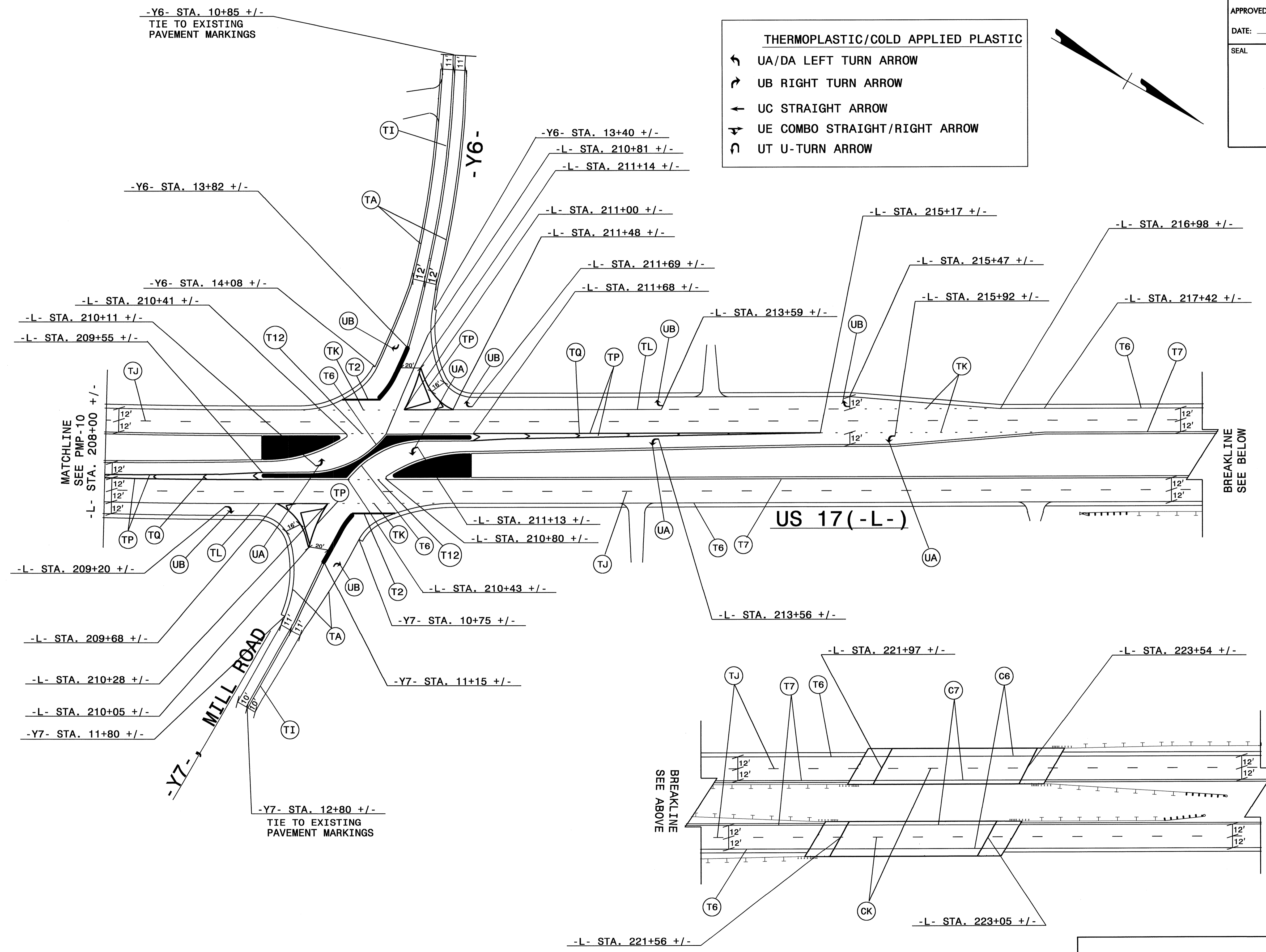
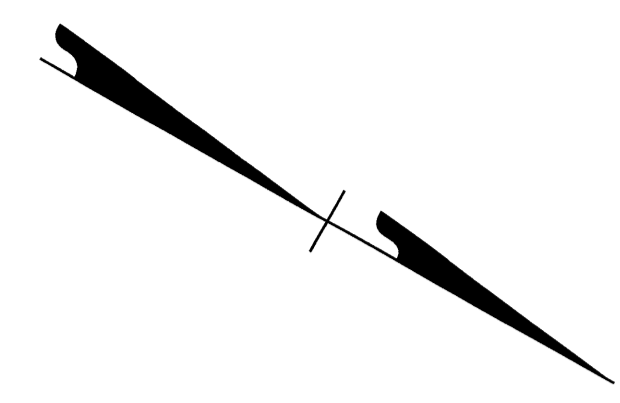
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- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↩ UA/DA LEFT TURN ARROW
 - ↪ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↗ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



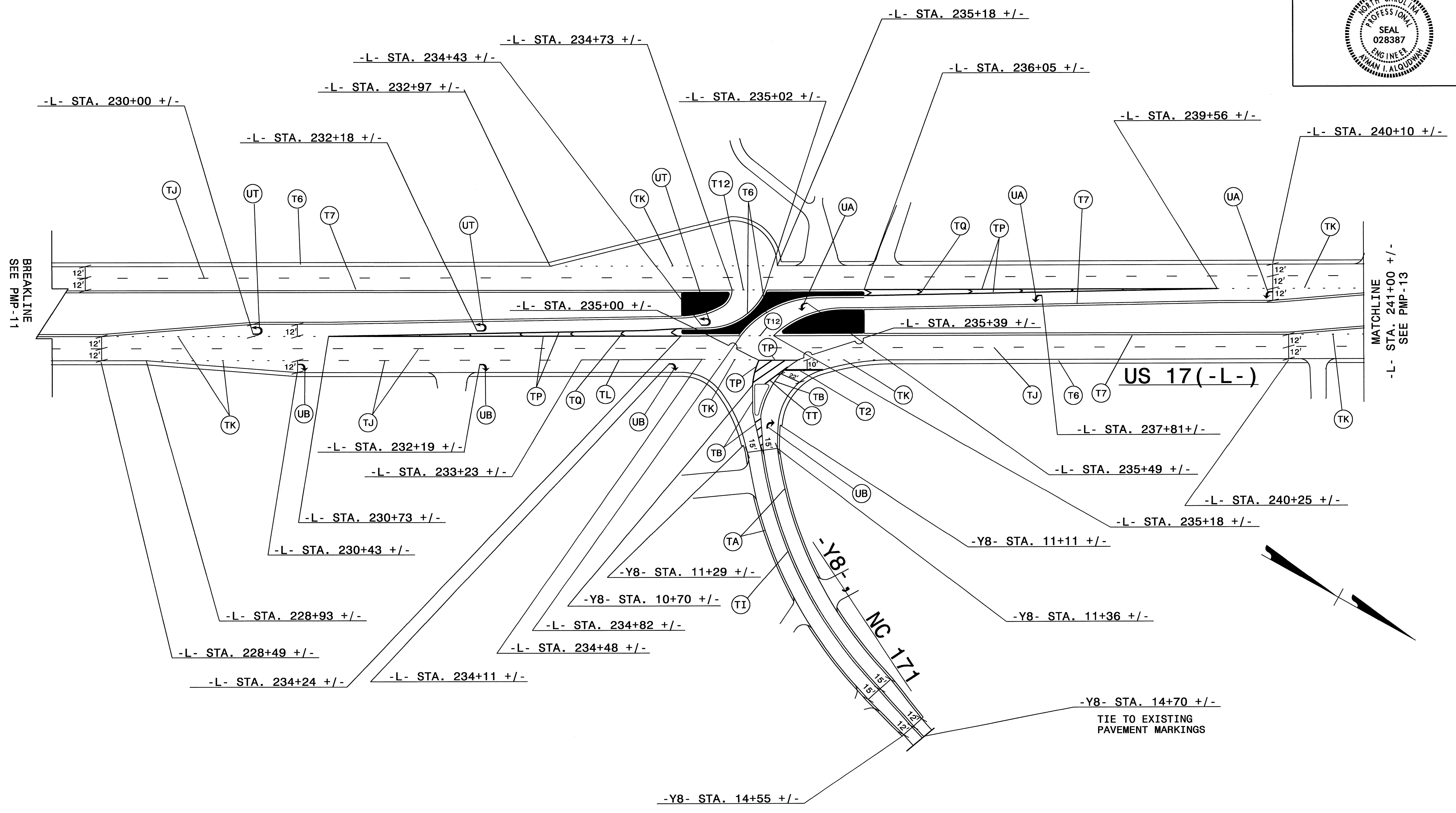
PAVEMENT MARKING DETAIL

- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↶ UA/DA LEFT TURN ARROW
 - ↷ UB RIGHT TURN ARROW
 - UC STRAIGHT ARROW
 - ↘ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



PAVEMENT MARKING DETAIL


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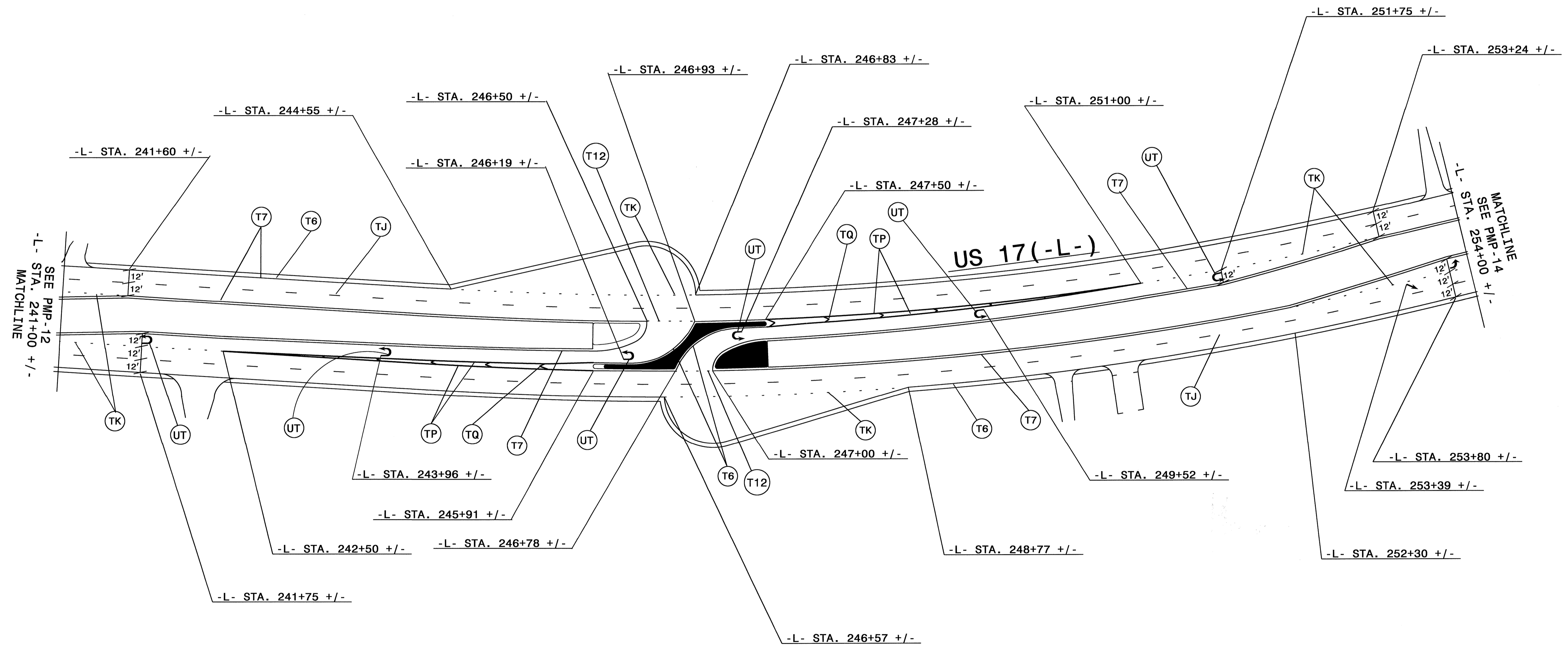
BREAKLINE
SEE PMP-11

MATCHLINE
-L- STA. 241+00 +/-
SEE PMP-13

PAVEMENT MARKING DETAIL

TIP NO. R-2510C	SHEET NO. PMP-13
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DATE: 10-5-10	
SEAL	
	

- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↶ UA/DA LEFT TURN ARROW
 - ↷ UB RIGHT TURN ARROW
 - ← UC STRAIGHT ARROW
 - ↷ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



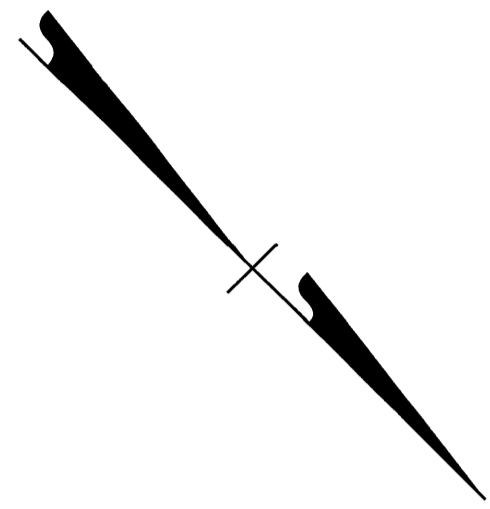
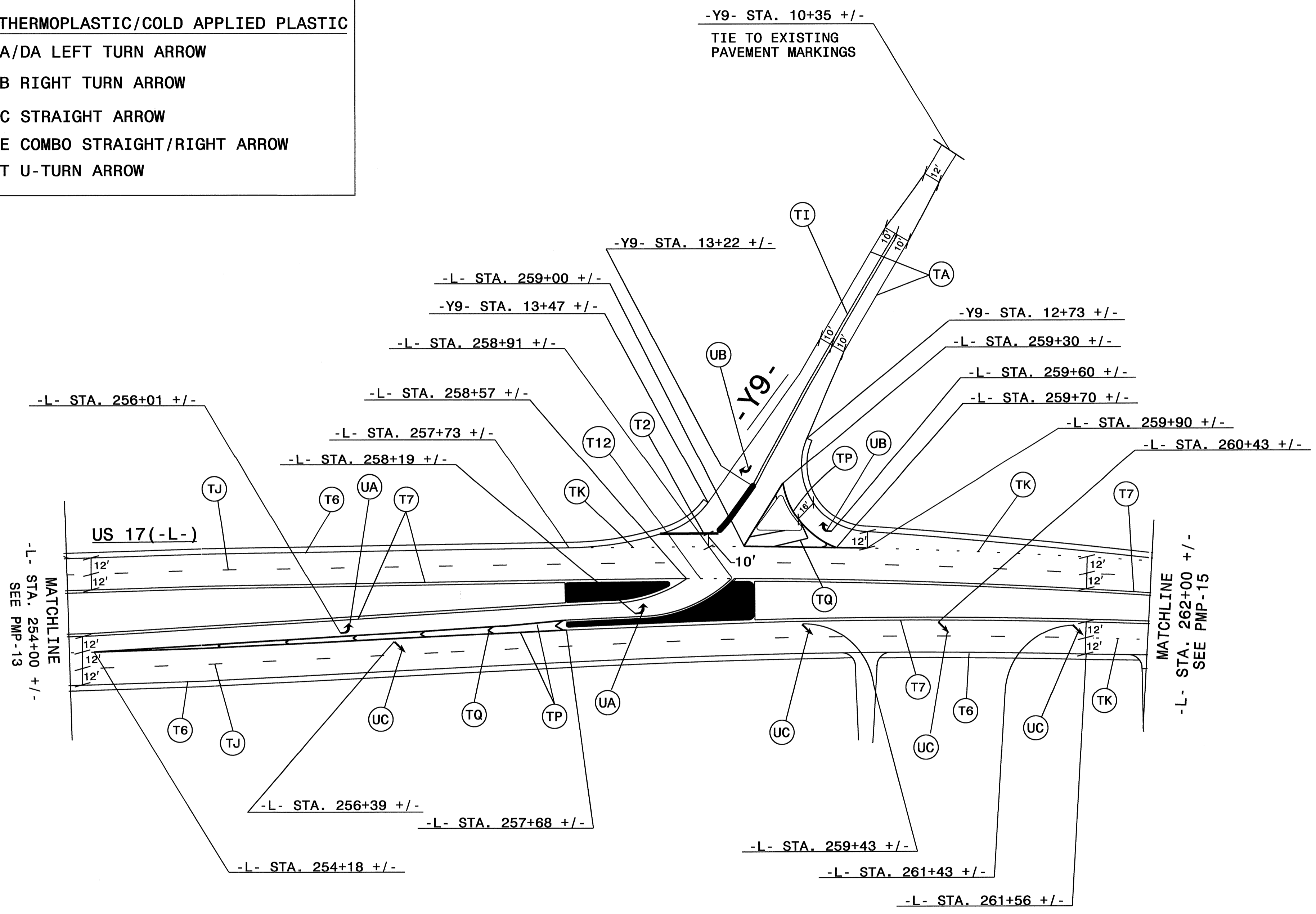
SEE PMP-12
-L- STA. 241+00 +/-
MATCHLINE

MATCHLINE
SEE PMP-14
-L- STA. 254+00 +/-

PAVEMENT MARKING DETAIL

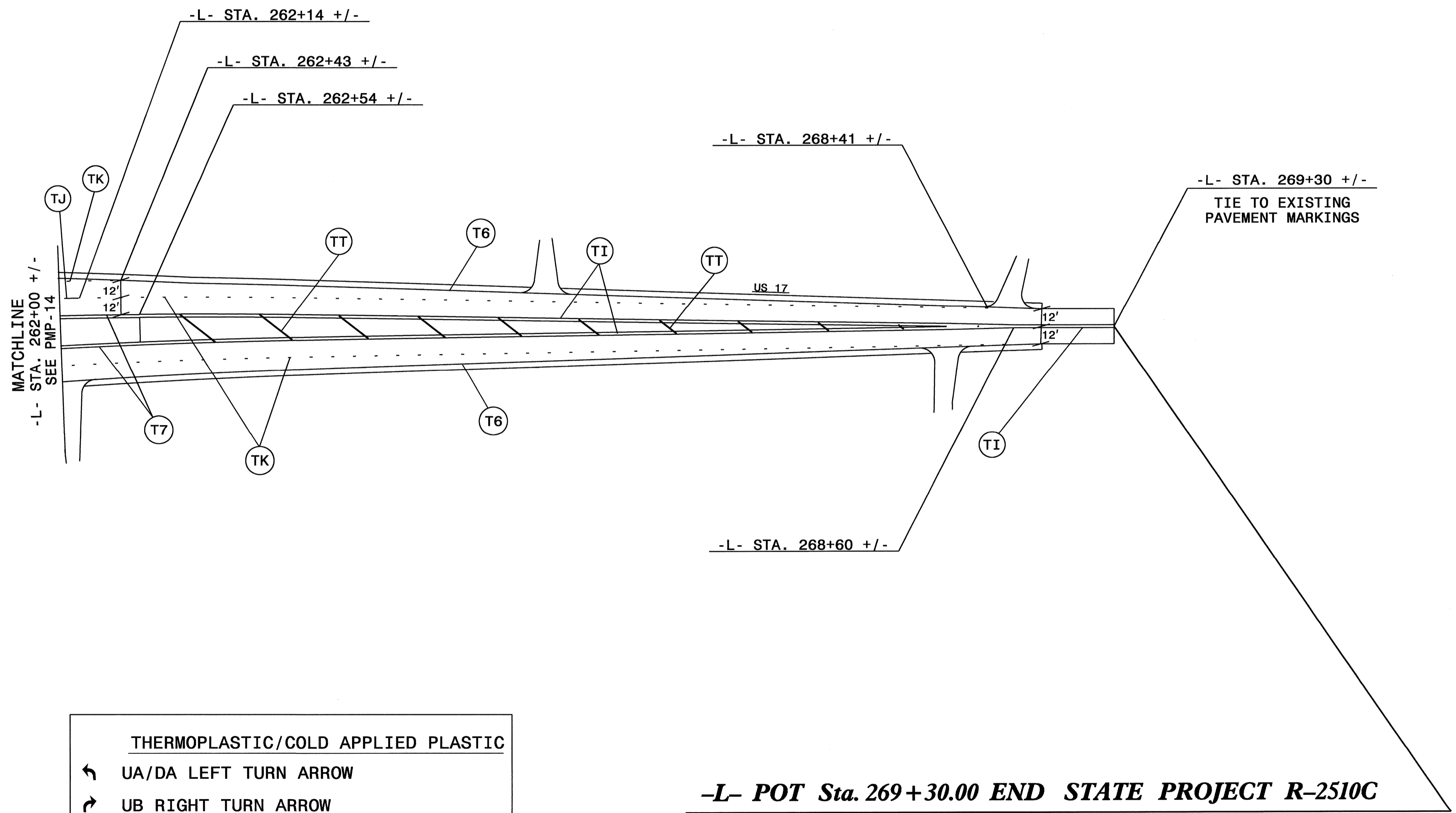
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- THERMOPLASTIC/COLD APPLIED PLASTIC**
- ↶ UA/DA LEFT TURN ARROW
 - ↷ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↗ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW



PAVEMENT MARKING DETAIL

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- THERMOPLASTIC/COLD APPLIED PLASTIC
- ↙ UA/DA LEFT TURN ARROW
 - ↘ UB RIGHT TURN ARROW
 - ↑ UC STRAIGHT ARROW
 - ↗ UE COMBO STRAIGHT/RIGHT ARROW
 - ↻ UT U-TURN ARROW

PAVEMENT MARKING DETAIL