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**T.I.P.: W-5601EV**

**CONTRACT NO.:**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
COLUMBUS COUNTY**

**LOCATION: US 74 FROM SR 1824 TO BRUNSWICK COUNTY LINE  
TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNAL**

TIP NO. W-5601EV	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
SEAL	
	
5/24/2018	
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**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 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 & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT & ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT & TEMPORARY
1261.01	GUARDRAIL & BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL & BARRIER DELINEATORS - TYPES & MOUNTING
1262.01	GUARDRAIL END DELINEATION
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS

**FINAL PAVEMENT MARKING SCHEDULE**


SYMBOL	DESCRIPTION	PAY ITEM
T6	WHITE EDGELINE	(6", 90 MIL) THERMOPLASTIC
T7	YELLOW EDGELINE	(6", 90 MIL) THERMOPLASTIC
T11	2 FT-6 FT/SP WHITE MINISKIP	(6", 120 MIL) THERMOPLASTIC
T12	2 FT-6 FT/SP YELLOW MINISKIP	(6", 120 MIL) THERMOPLASTIC
T16	YELLOW DOUBLE CENTER	(6", 120 MIL) THERMOPLASTIC
TJ	10 FT. WHITE SKIP	(6", 120 MIL) THERMOPLASTIC
TK	3 FT-9 FT/SP WHITE MINISKIP	(6", 120 MIL) THERMOPLASTIC
TL	WHITE SOLID LANE LINE	(6", 120 MIL) THERMOPLASTIC
TS	WHITE GORELINE	(12", 90 MIL) THERMOPLASTIC
TU	WHITE DIAGONAL	(12", 90 MIL) THERMOPLASTIC
TV	YELLOW DIAGONAL	(12", 90 MIL) THERMOPLASTIC
T2	WHITE STOPBAR	(24", 120 MIL) THERMOPLASTIC
UA	LEFT TURN ARROW	(90 MIL) THERMOPLASTIC
UB	RIGHT TURN ARROW	(90 MIL) THERMOPLASTIC
UC	STRAIGHT ARROW	(90 MIL) THERMOPLASTIC
UE	COMBO. RIGHT/STRAIGHT ARROW	(90 MIL) THERMOPLASTIC
UI	ALPHANUMERIC CHAR.	(120 MIL) THERMOPLASTIC
UN	24" YEILD LINE TRIANGLE	(90 MIL) THERMOPLASTIC
UT	U-TURN ARROW	(90 MIL) THERMOPLASTIC


**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.

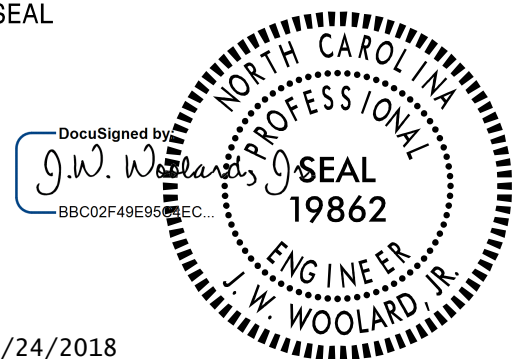

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

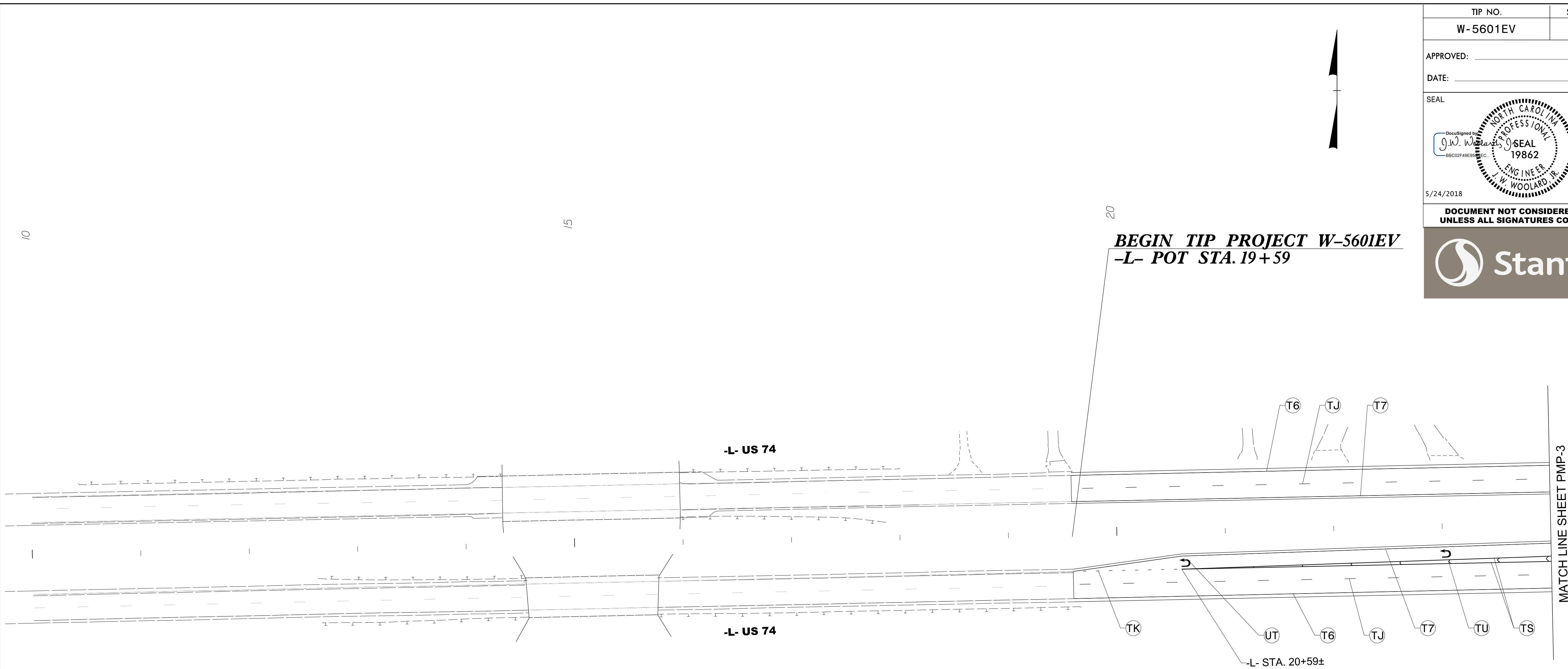
ROAD NAME	MARKING	MARKER
ALL ROADS	THERMOPLASTIC	PERMANENT RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.


<b>PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT</b>		
<b>AYMAN ALQUDWAH, P.E.</b>	SIGNING & DELINEATION REGIONAL ENGINEER	
<b>MITCH EATON</b>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER	

<b>PLAN PREPARED BY:</b>		 <p style="font-size: small;">Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-6672</p>
<b>JAY WOOLARD, P.E.</b>	SENIOR TRANSPORTATION ENGINEER	
<b>ANDREW N. GOOD</b>	TRANSPORTATION DESIGNER	

<b>INDEX</b>	
SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-13	PAVEMENT MARKING DETAIL

TIP NO. W-5601EV	SHEET NO. PMP-2
APPROVED: _____	
DATE: _____	
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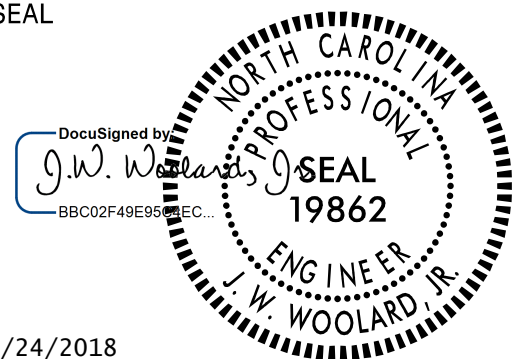



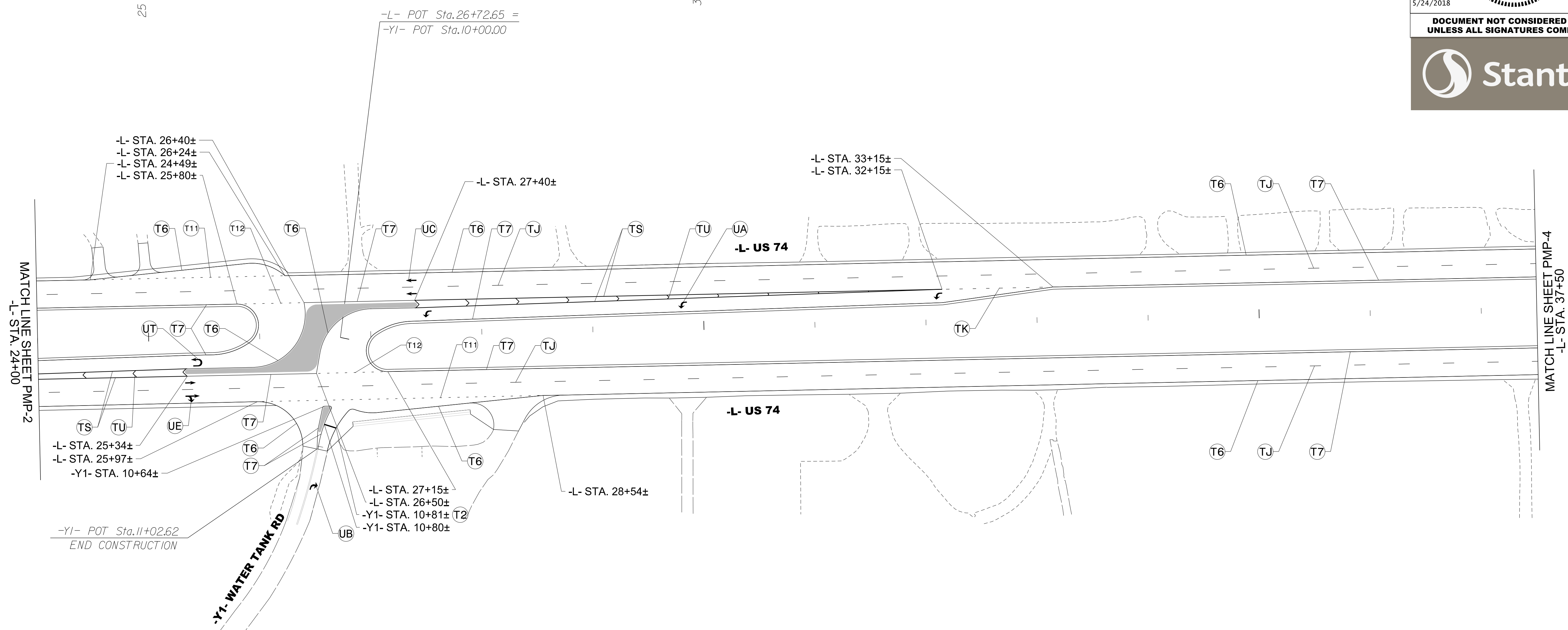
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UT)  U-TURN ARROW	(T6) WHITE EDGELINE (6")
	(T7) YELLOW EDGELINE (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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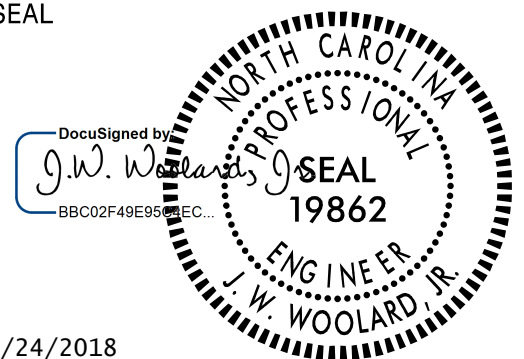
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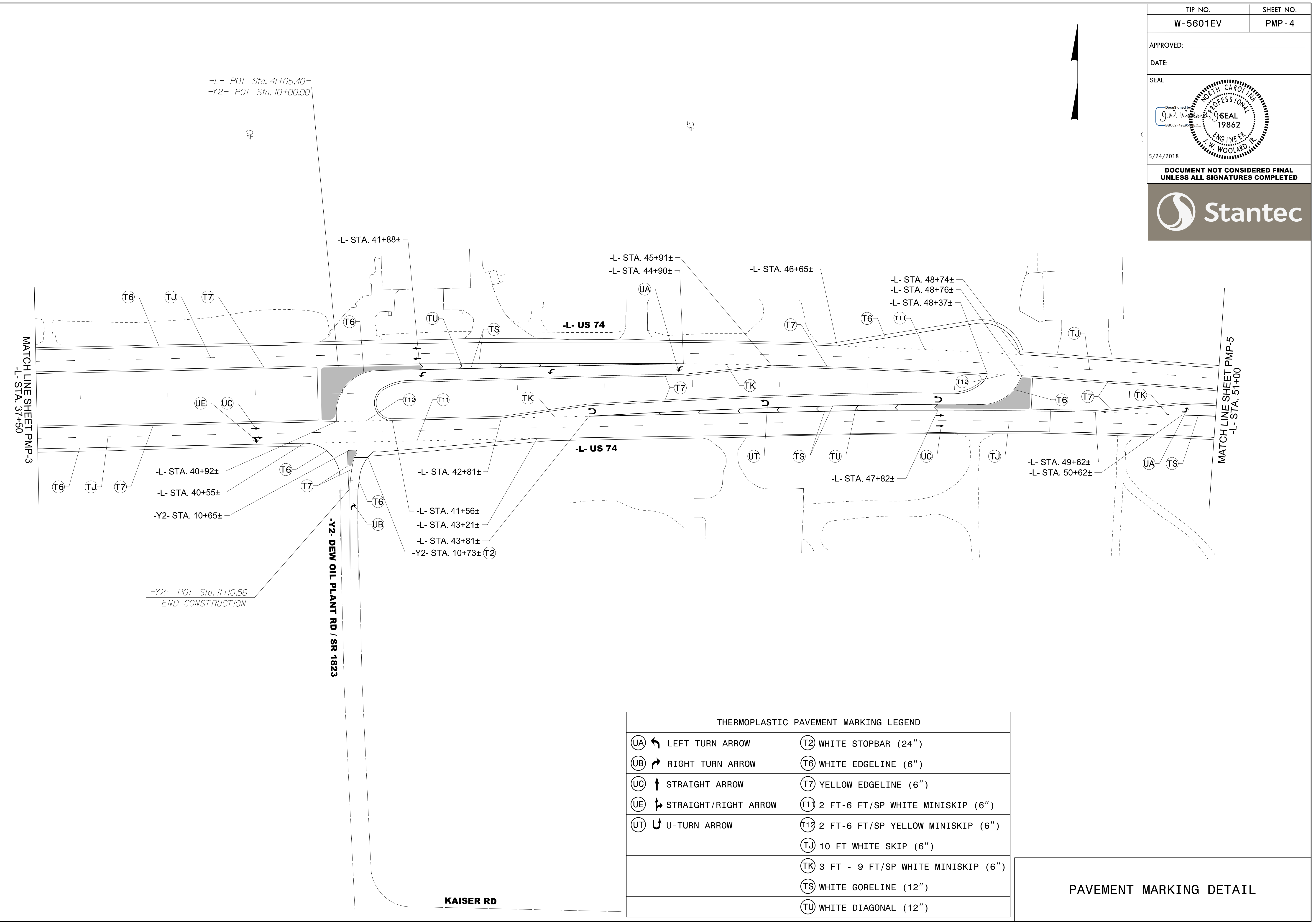


THERMOPLASTIC PAVEMENT MARKING LEGEND	
(JA) ← LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) ↗ RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) ↘ STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
(UT) ↻ U-TURN ARROW	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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TIP NO. W-5601EV	SHEET NO. PMP - 4
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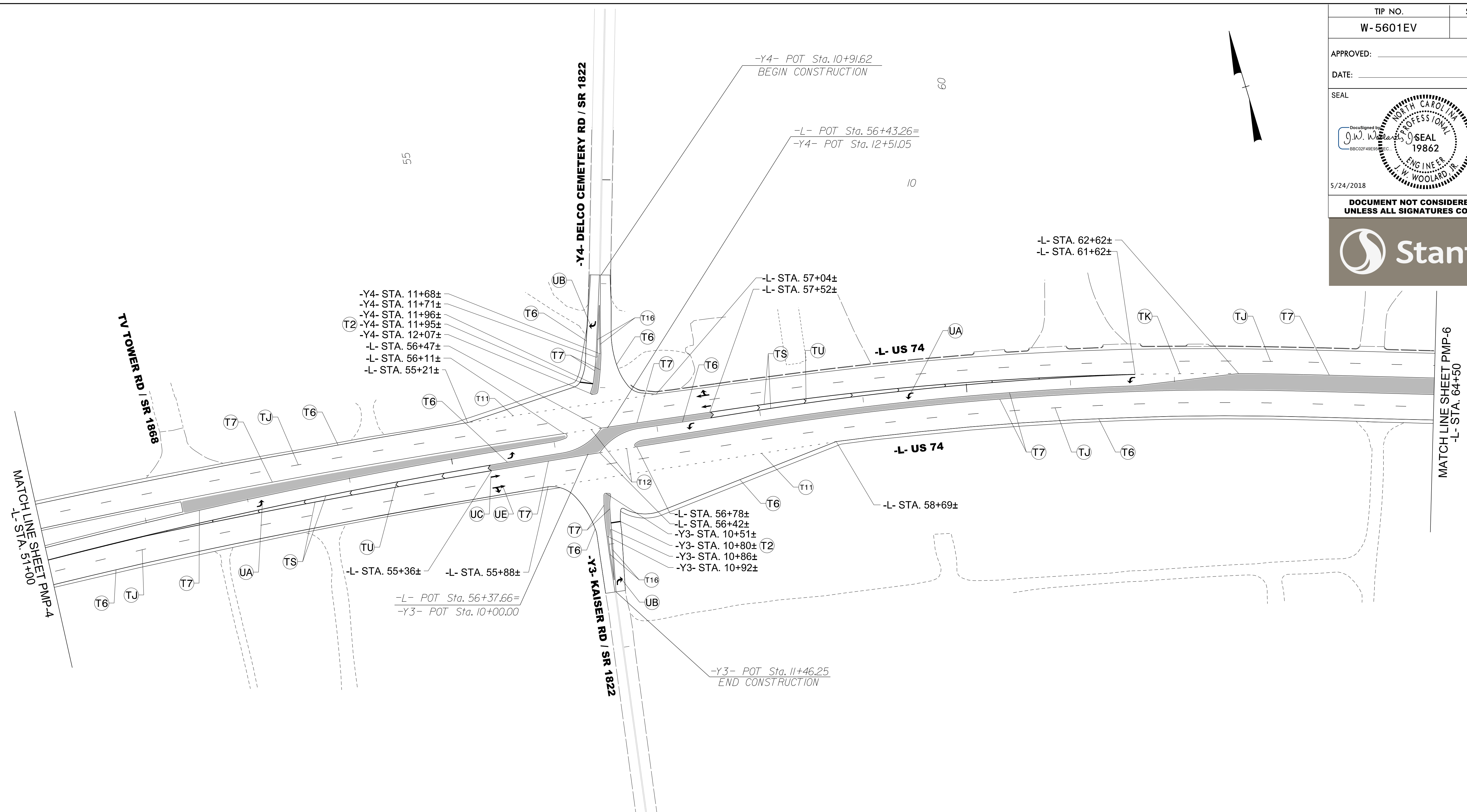
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ← LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) → RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) ↗ STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
(UT) ↻ U-TURN ARROW	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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TIP NO. W-5601EV	SHEET NO. PMP-5
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DATE: _____	
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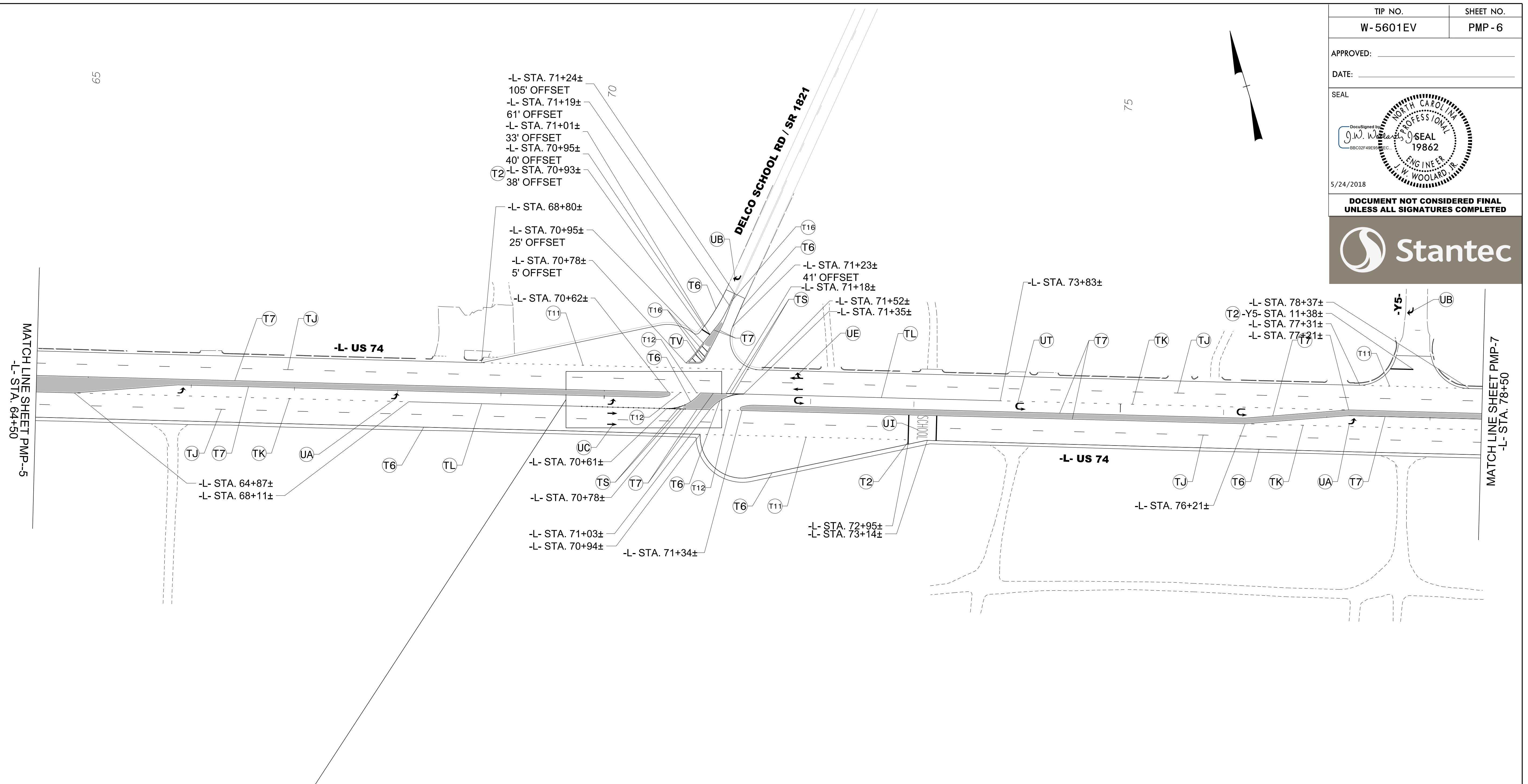


THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ↶ LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) ↷ RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) ↷ STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

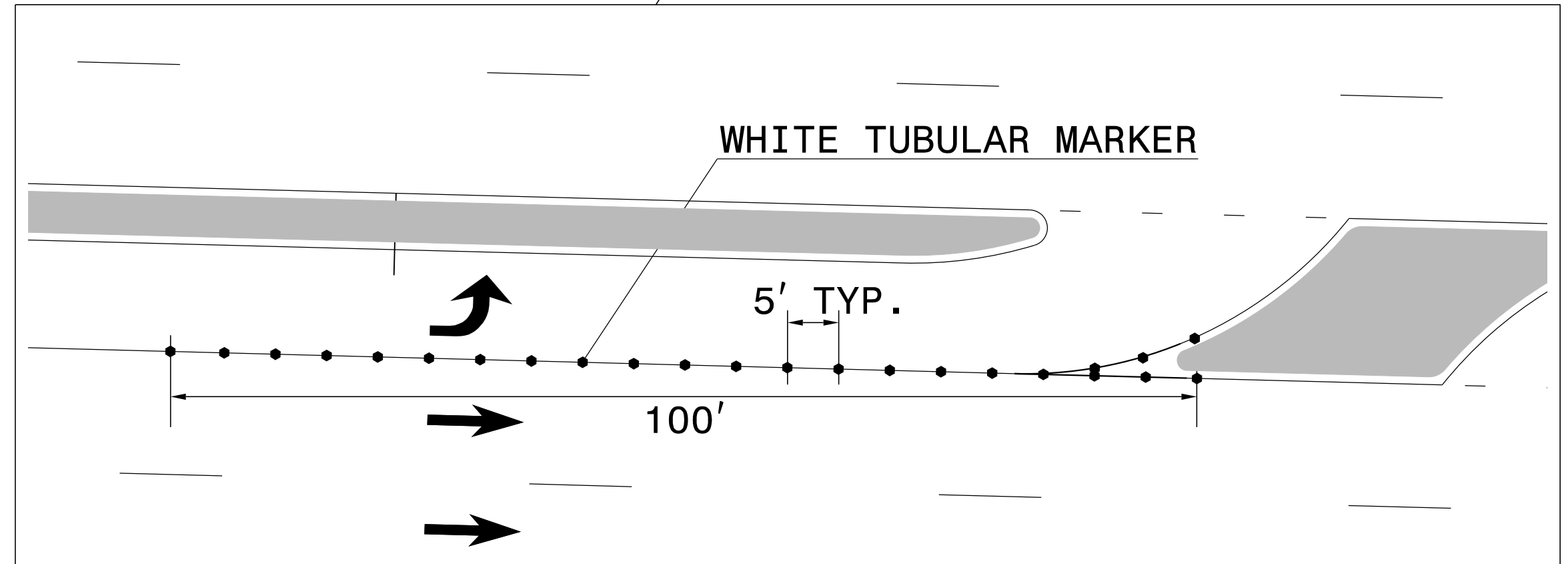
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TIP NO. W-5601EV	SHEET NO. PMP-6
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TUBULAR MARKER INSET



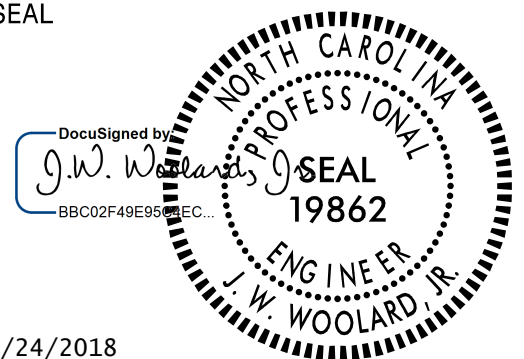

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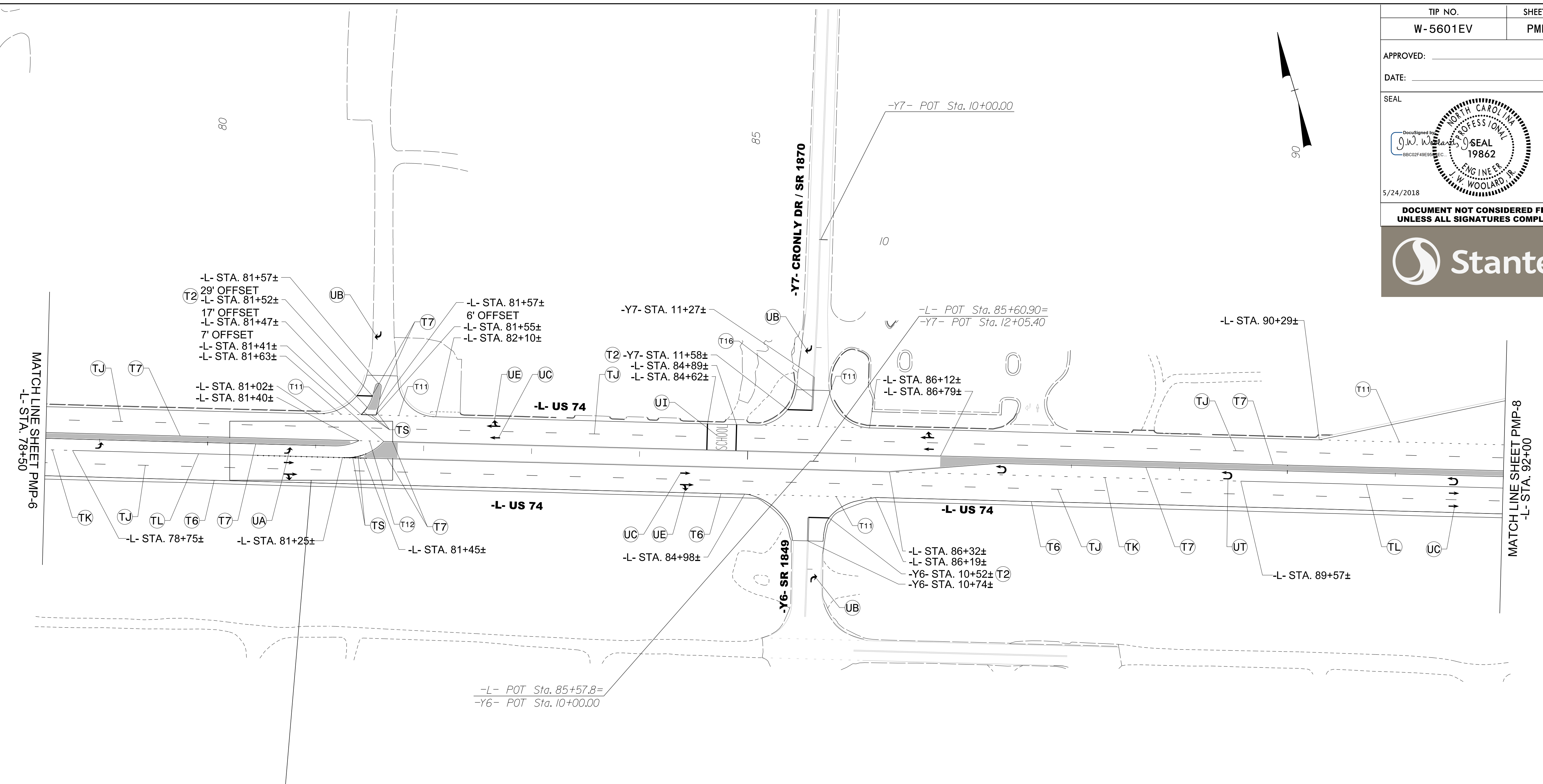
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
(UI) ONLY ALPHANUMERIC CHARACTERS	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
(UT) U-TURN ARROW	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TL) WHITE SOLID LANE LINE (6")
	(TS) WHITE GORELINE (12")
	(TV) YELLOW DIAGONAL (12")

PAVEMENT MARKING DETAIL

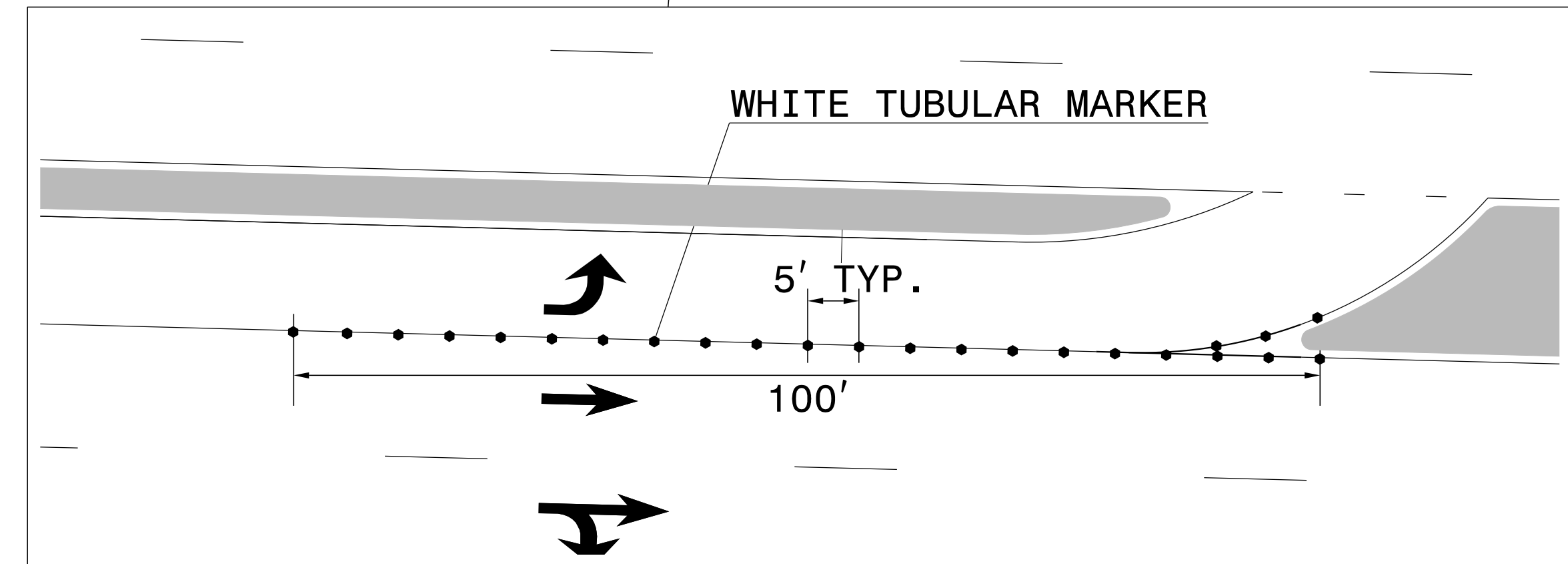
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TUBULAR MARKER INSET



REFER TO ROADWAY STANDARD DRAWING 1266.01 SHEET 1 OF 1 FOR TUBULAR MARKER ASSEMBLY

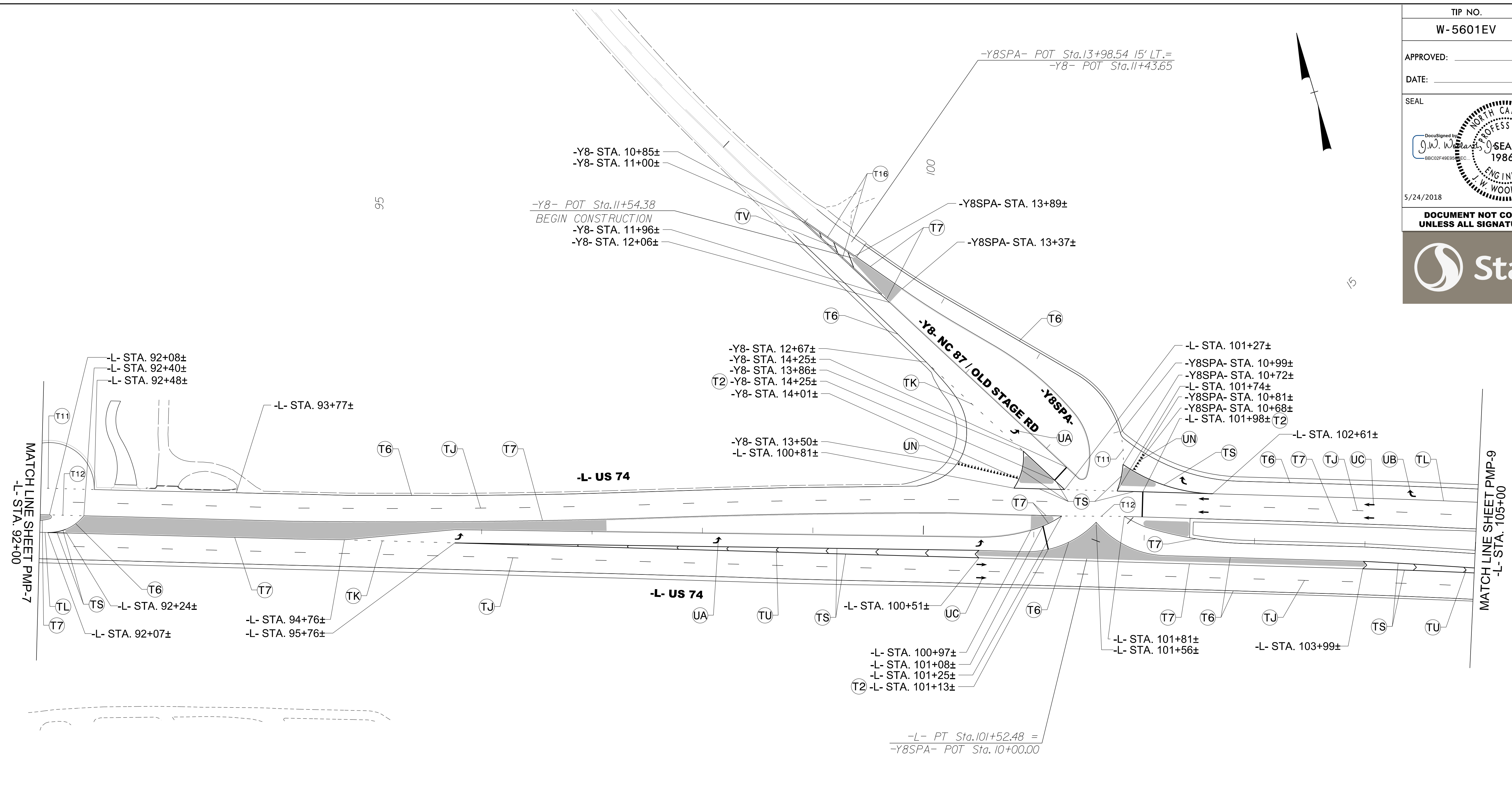
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
(UI) ONLY ALPHANUMERIC CHARACTERS	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
(UT) U-TURN ARROW	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TL) WHITE SOLID LANE LINE (6")
	(TS) WHITE GORELINE (12")

PAVEMENT MARKING DETAIL

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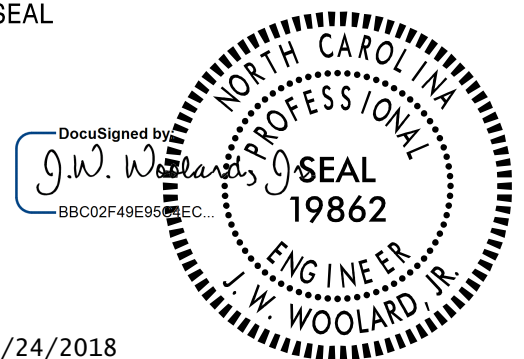

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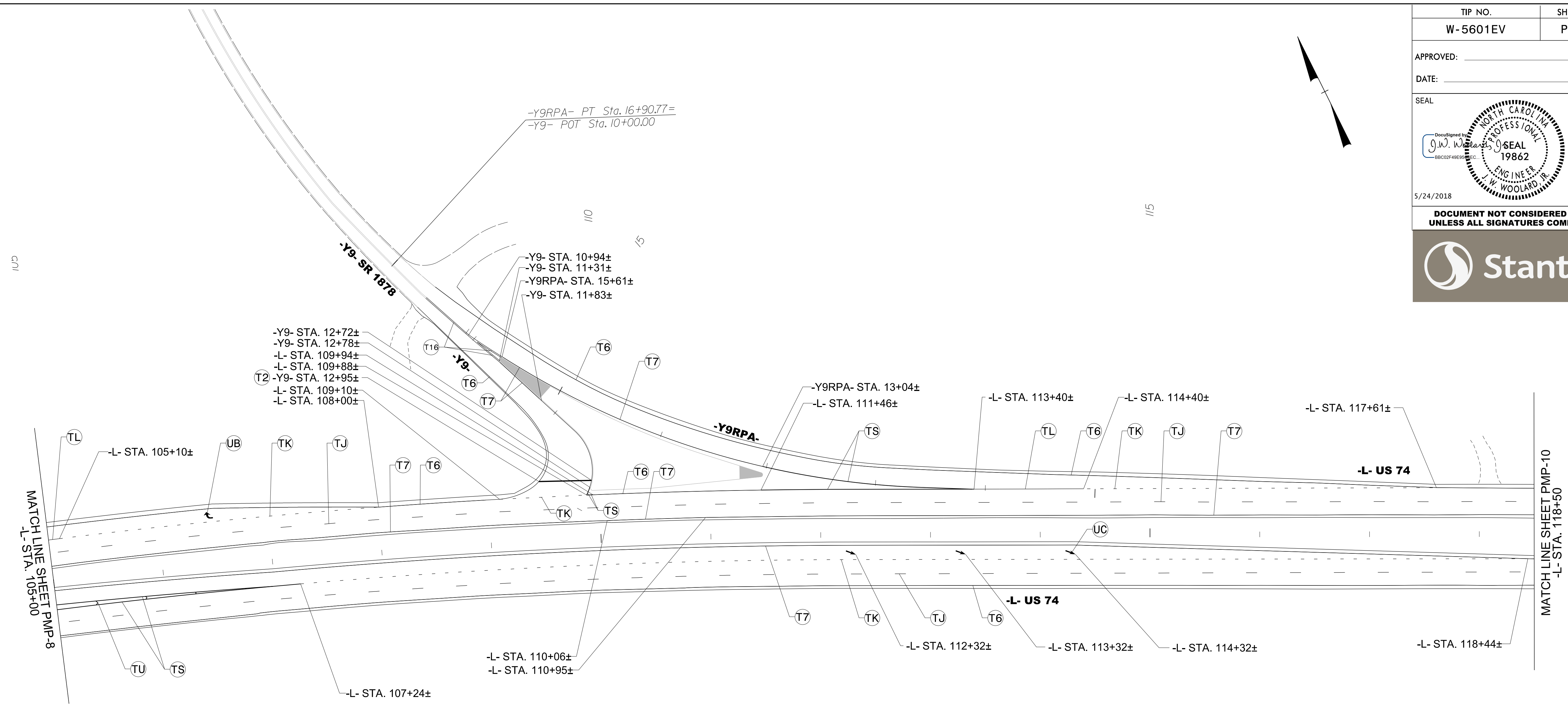
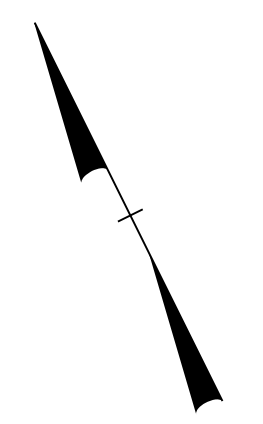


THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ← LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) → RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UN) ▲▲▲ 24" YEILD LINE TRIANGLE	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TL) WHITE SOLID LANE LINE (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")
	(TV) YELLOW DIAGONAL (12")

PAVEMENT MARKING DETAIL

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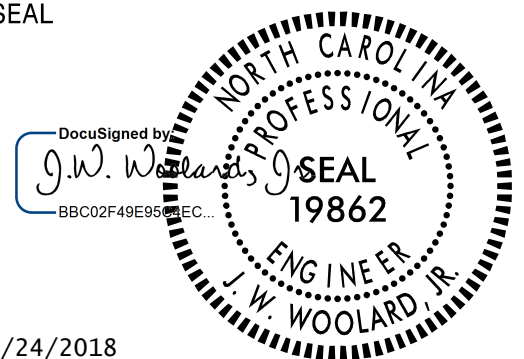

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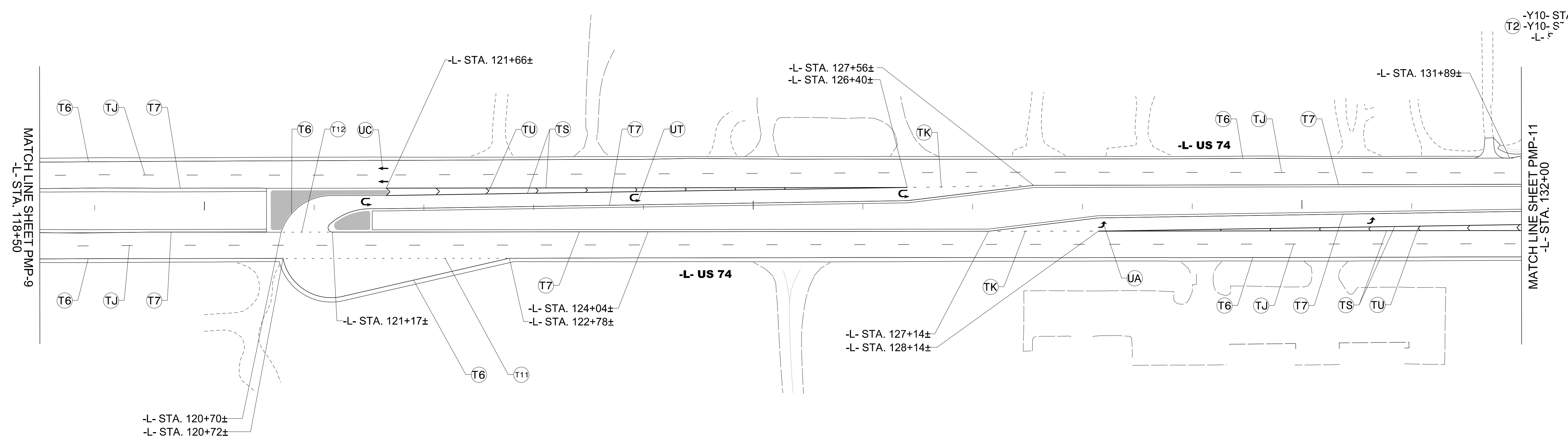


THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UB) ↗ RIGHT TURN ARROW	(T2) WHITE STOPBAR (24")
(UC) ↑ STRAIGHT ARROW	(T6) WHITE EDGELINE (6")
	(T7) YELLOW EDGELINE (6")
	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TL) WHITE SOLID LANE LINE (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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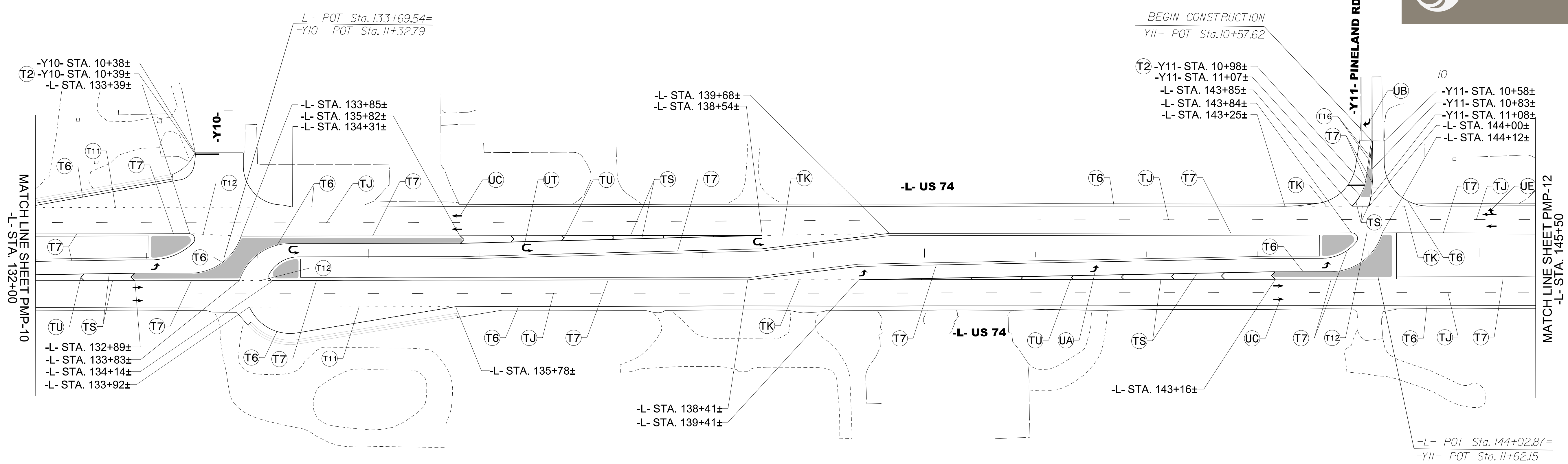
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ↶ LEFT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UT) ↻ U-TURN ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

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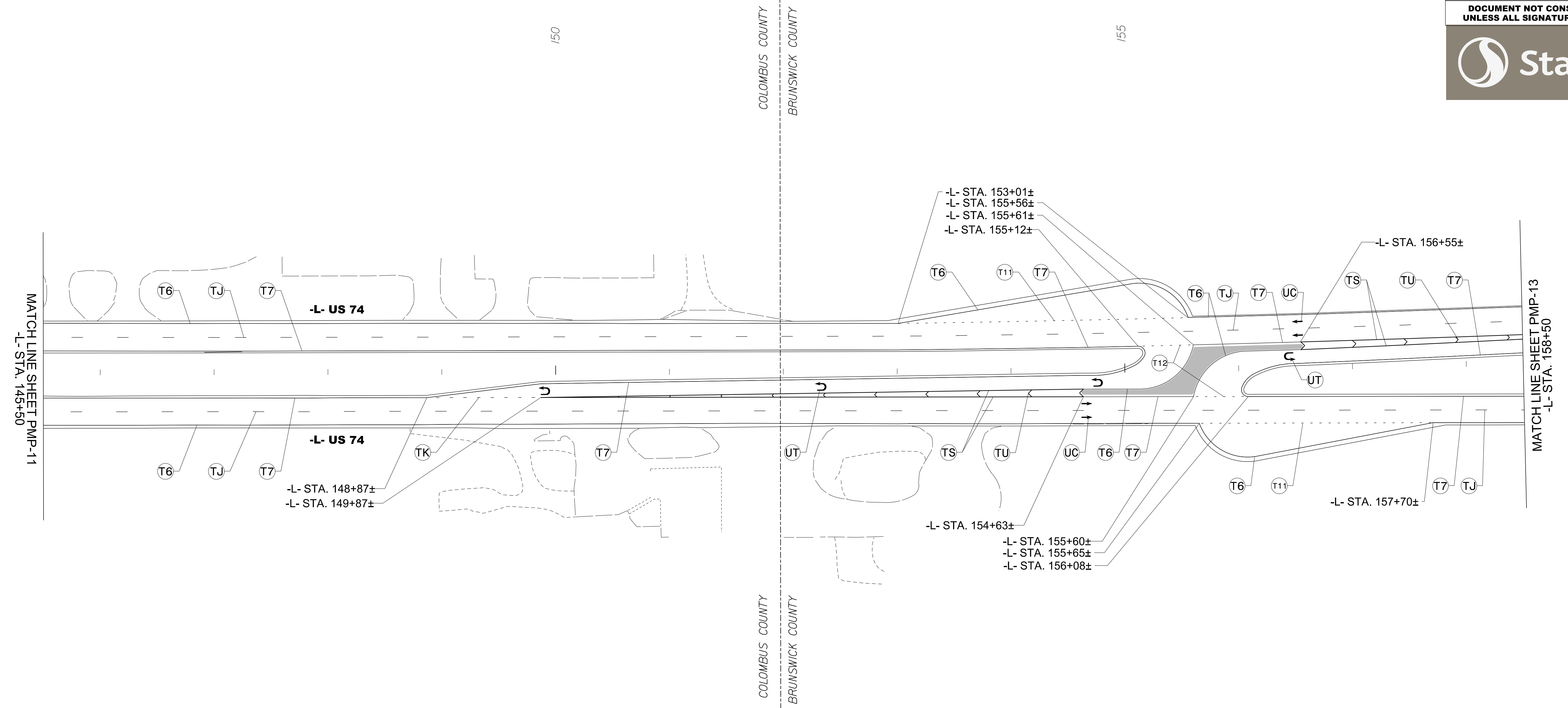
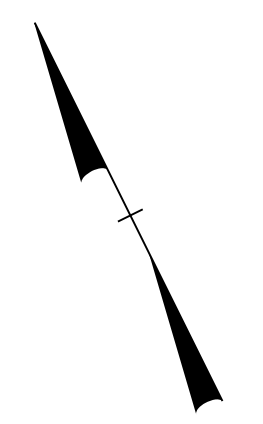


THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UA) ← LEFT TURN ARROW	(T2) WHITE STOPBAR (24")
(UB) → RIGHT TURN ARROW	(T6) WHITE EDGELINE (6")
(UC) ↑ STRAIGHT ARROW	(T7) YELLOW EDGELINE (6")
(UE) ↗ STRAIGHT/RIGHT ARROW	(T11) 2 FT-6 FT/SP WHITE MINISKIP (6")
(UT) ↻ U-TURN ARROW	(T12) 2 FT-6 FT/SP YELLOW MINISKIP (6")
	(T16) YELLOW DOUBLE CENTER (6")
	(TJ) 10 FT WHITE SKIP (6")
	(TK) 3 FT - 9 FT/SP WHITE MINISKIP (6")
	(TS) WHITE GORELINE (12")
	(TU) WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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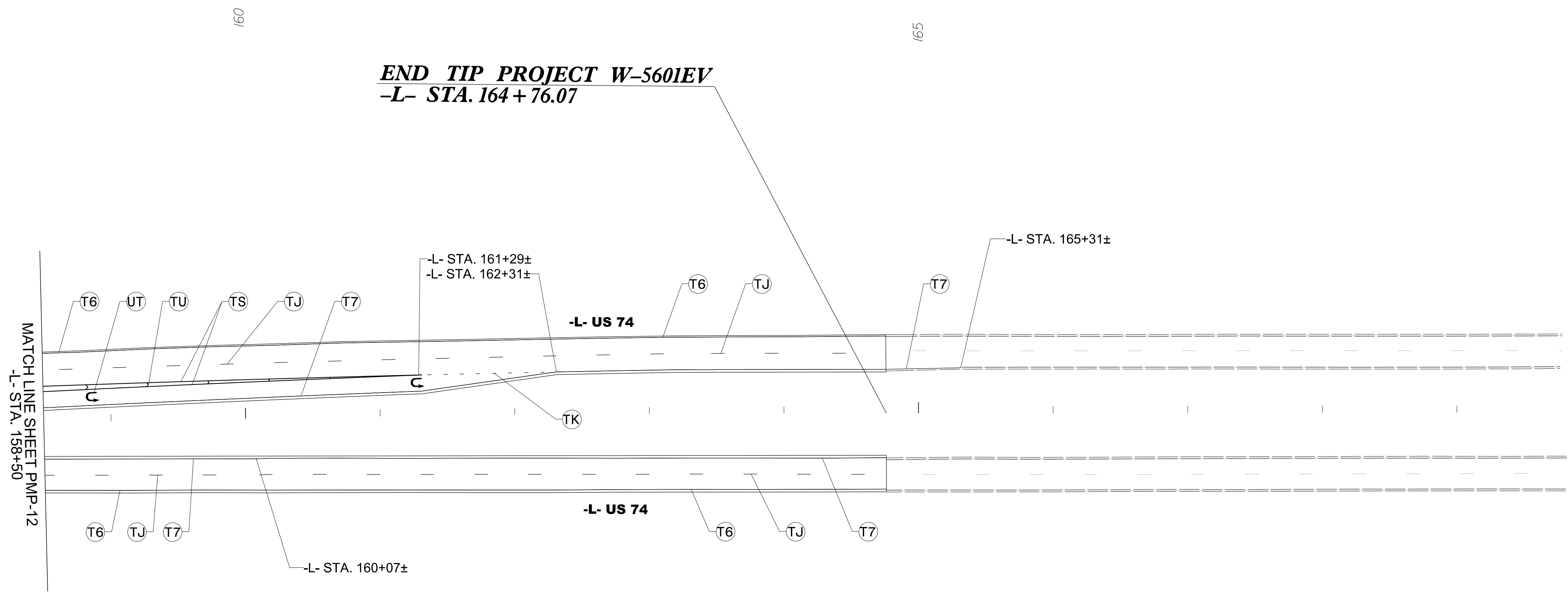
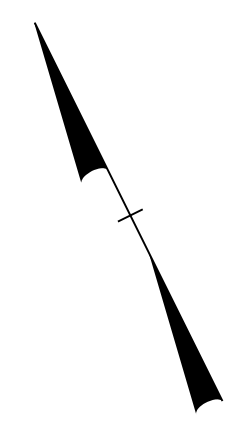


THERMOPLASTIC PAVEMENT MARKING LEGEND			
(UC) ↑	STRAIGHT ARROW	(T6)	WHITE EDGELINE (6")
(UT) ↻	U-TURN ARROW	(T7)	YELLOW EDGELINE (6")
		(T11)	2 FT-6 FT/SP WHITE MINISKIP (6")
		(T12)	2 FT-6 FT/SP YELLOW MINISKIP (6")
		(TJ)	10 FT WHITE SKIP (6")
		(TK)	3 FT - 9 FT/SP WHITE MINISKIP (6")
		(TS)	WHITE GORELINE (12")
		(TU)	WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UT) U	U-TURN ARROW
(T6)	WHITE EDGELINE (6")
(T7)	YELLOW EDGELINE (6")
(TJ)	10 FT WHITE SKIP (6")
(TK)	3 FT - 9 FT/SP WHITE MINISKIP (6")
(TS)	WHITE GORELINE (12")
(TU)	WHITE DIAGONAL (12")

**PAVEMENT MARKING DETAIL**

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