


T.I.P.: U-3440

CONTRACT NO.: C203803

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CABARRUS COUNTY**

**LOCATION: KANNAPOLIS - NC 3 FROM PROPOSED
WEST SIDE BYPASS (U-2009) TO SR 1691 (LOOP ROAD)**

TIP NO. U-3440	SHEET NO. PMP - 1
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DATE: 8/17/2016	
	
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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 2012 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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
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

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	RAISED
BRIDGE DECKS	COLD APPLIED PLASTIC	RAISED
- B) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- C) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- E) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING (POLYUREA, COLD APPLIED PLASTIC) PAVEMENT MARKING MATERIAL.
- F) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.
- G) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS.
- H) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD APPLIED PLASTIC.
- I) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

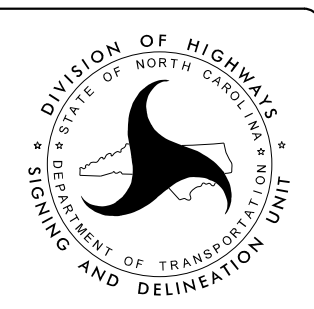
FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAY ITEM
CC	10 FT WHITE SKIP	(4") COLD APPLIED PLASTIC
CE	WHITE SOLID LANE LINE	(4") COLD APPLIED PLASTIC
DJ	BICYCLE SYMBOL	COLD APPLIED PLASTIC
DK	BICYCLE STRAIGHT ARROW	COLD APPLIED PLASTIC
T2	WHITE STOPBAR	(24", 120 MIL) THERMOPLASTIC
T3	WHITE CROSSWALK LINE	(24", 120 MIL) THERMOPLASTIC
T8	2 FT-6FT/SP WHITE MINISKIP	(4", 120 MIL) THERMOPLASTIC
T9	2 FT-6FT/SP YELLOW MINISKIP	(4", 120 MIL) THERMOPLASTIC
T17	3 FT-3 FT/SP WHITE MINISKIP	(8", 120 MIL) THERMOPLASTIC
TA	WHITE EDGELINE	(4", 90 MIL) THERMOPLASTIC
TB	YELLOW EDGELINE	(4", 90 MIL) THERMOPLASTIC
TC	10 FT WHITE SKIP	(4", 120 MIL) THERMOPLASTIC
TD	3 FT-9 FT/SP WHITE MINISKIP	(4", 120 MIL) THERMOPLASTIC
TE	WHITE SOLID LANE LINE	(4", 120 MIL) THERMOPLASTIC
TI	YELLOW DOUBLE CENTER	(4", 120 MIL) THERMOPLASTIC
TN	WHITE GORELINE	(8", 90 MIL) THERMOPLASTIC
TO	WHITE DIAGONAL	(8", 90 MIL) THERMOPLASTIC
TP	YELLOW DIAGONAL	(8", 90 MIL) THERMOPLASTIC
TQ	WHITE CROSSWALK LINE	(8", 120 MIL) THERMOPLASTIC
TU	WHITE DIAGONAL	(12", 90 MIL) THERMOPLASTIC
TV	YELLOW DIAGONAL	(12", 90 MIL) THERMOPLASTIC
UA	LEFT TURN ARROW	(90 MIL) THERMOPLASTIC
UB	RIGHT TURN ARROW	(90 MIL) THERMOPLASTIC
UC	STRAIGHT ARROW	(90 MIL) THERMOPLASTIC
UD	COMBO LEFT/STRAIGHT	(90 MIL) THERMOPLASTIC
UE	COMBO STRAIGHT/RIGHT	(90 MIL) THERMOPLASTIC
UI	ALPHANUMERIC CHAR	(120 MIL) THERMOPLASTIC
UJ	BICYCLE SYMBOL, HEATED-IN-PLACE	(90 MIL) THERMOPLASTIC
UK	BICYCLE STRAIGHT ARROW, HEATED-IN-PLACE	(90 MIL) THERMOPLASTIC
UN	24" YIELD LINE TRIANGLE	(90 MIL) THERMOPLASTIC
UT	U-TURN ARROW	(90 MIL) THERMOPLASTIC
UW	FISH-HOOK RIGHT/STRAIGHT ARROW	(90 MIL) THERMOPLASTIC
YB	FISH-HOOK W/ CIRCLE LEFT/STRAIGHT ARROW	(90 MIL) THERMOPLASTIC

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY:

BETSY L. WATSON, P.E. TRAFFIC ENGINEER

ROSI R. HENNEIN TRANSPORTATION DESIGNER

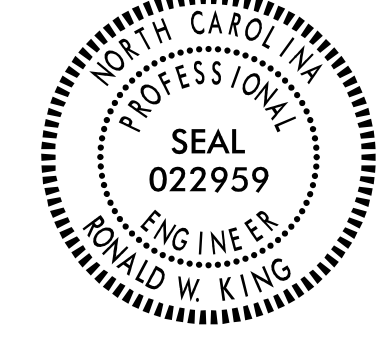


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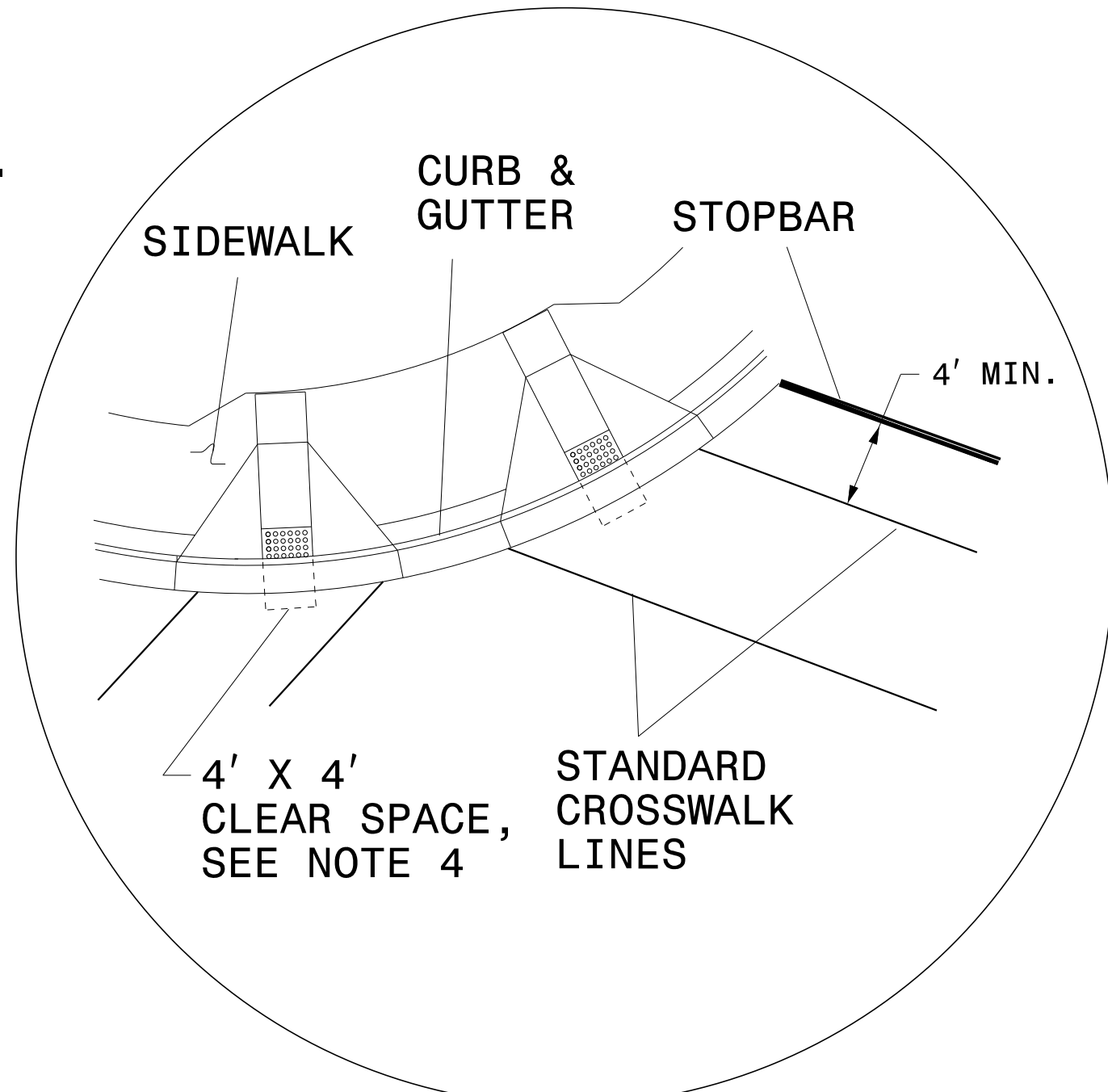
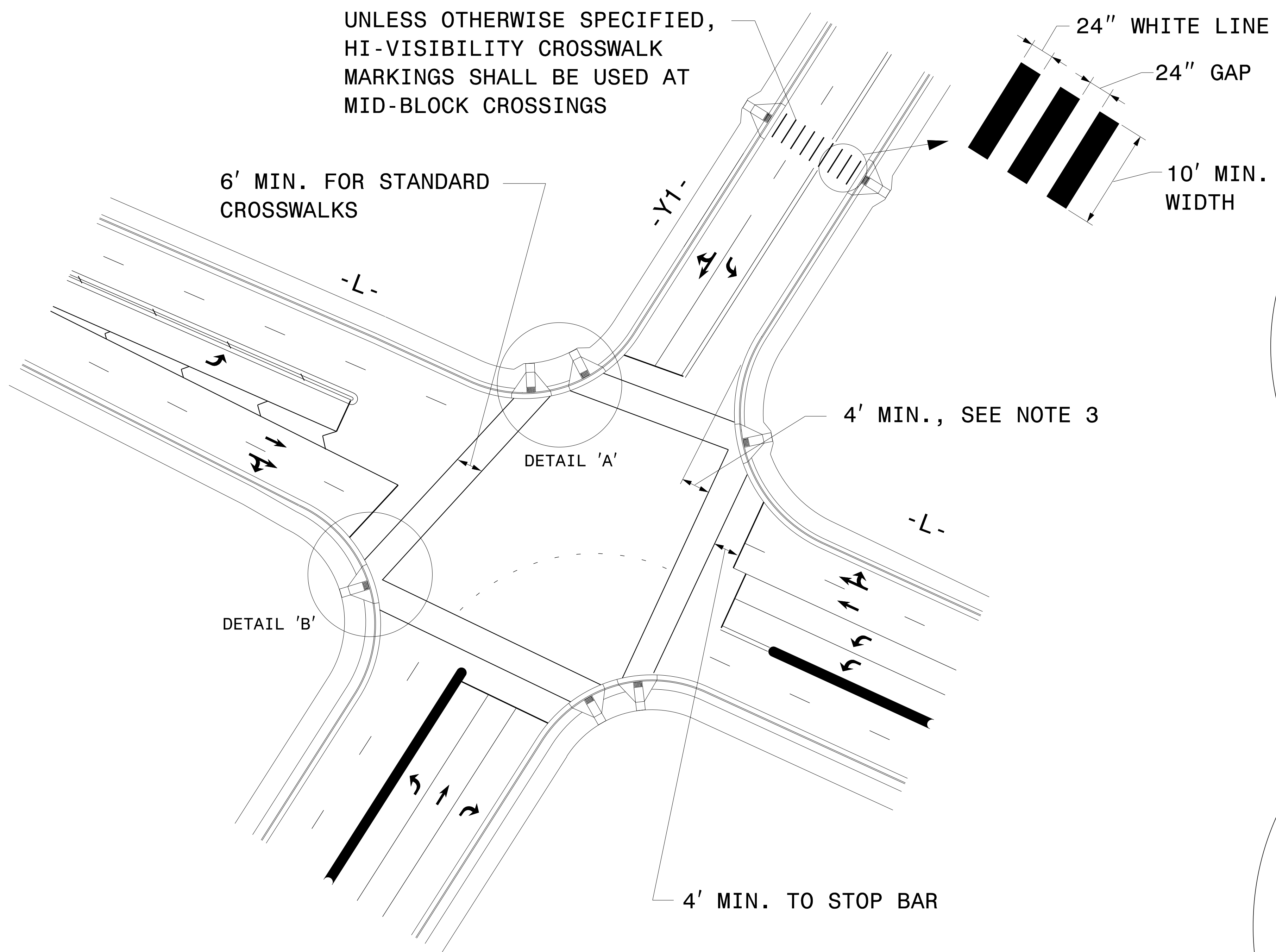
SHEET NO.	DESCRIPTION
PMP - 1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP - 1A	CROSSWALK PAVEMENT MARKING GUIDANCE DETAIL
PMP - 2 - 14	STANDARD DRAWING PAVEMENT MARKING DETAIL

SEAL

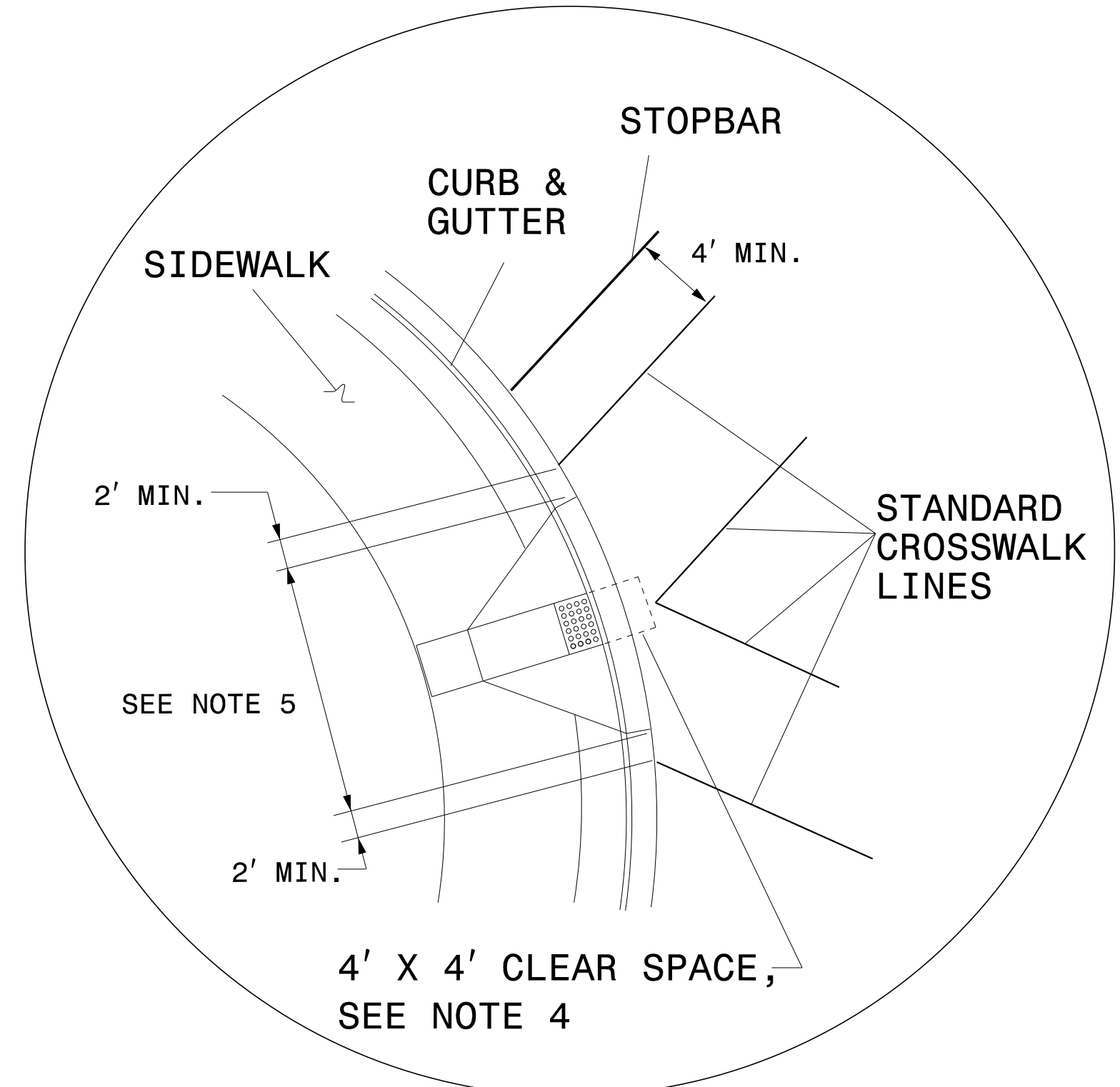


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UNLESS OTHERWISE SPECIFIED,
HI-VISIBILITY CROSSWALK
MARKINGS SHALL BE USED AT
MID-BLOCK CROSSINGS



DETAIL 'A'- DUAL CURB RAMPS



DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

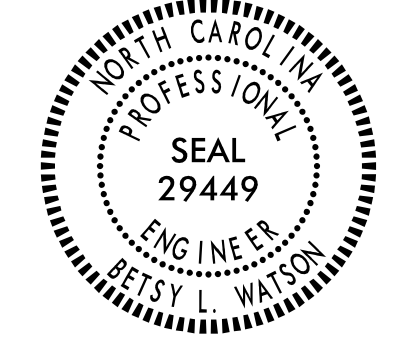

GUIDANCE DETAIL FOR CROSSWALK MARKINGS

NOTES:

1. USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
2. THE CROSSWALK MARKINGS SHOWN ON THE ABOVE DETAILS ARE FOR REFERENCE ONLY. ONLY INSTALL CROSSWALK MARKINGS WHERE SHOWN ON THE DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER. THE CROSSWALK MARKING TYPE, STANDARD OR HI-VISIBILITY, SHALL BE INSTALL AS SPECIFIED ON THE DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER.
3. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
4. BEYOND THE BOTTOM GRADE BRAKE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE MARKINGS.
5. SINGLE DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 2 FEET LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING, SEE DETAIL 'B'.
6. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

**CROSSWALK PAVEMENT MARKING
GUIDANCE DETAIL**

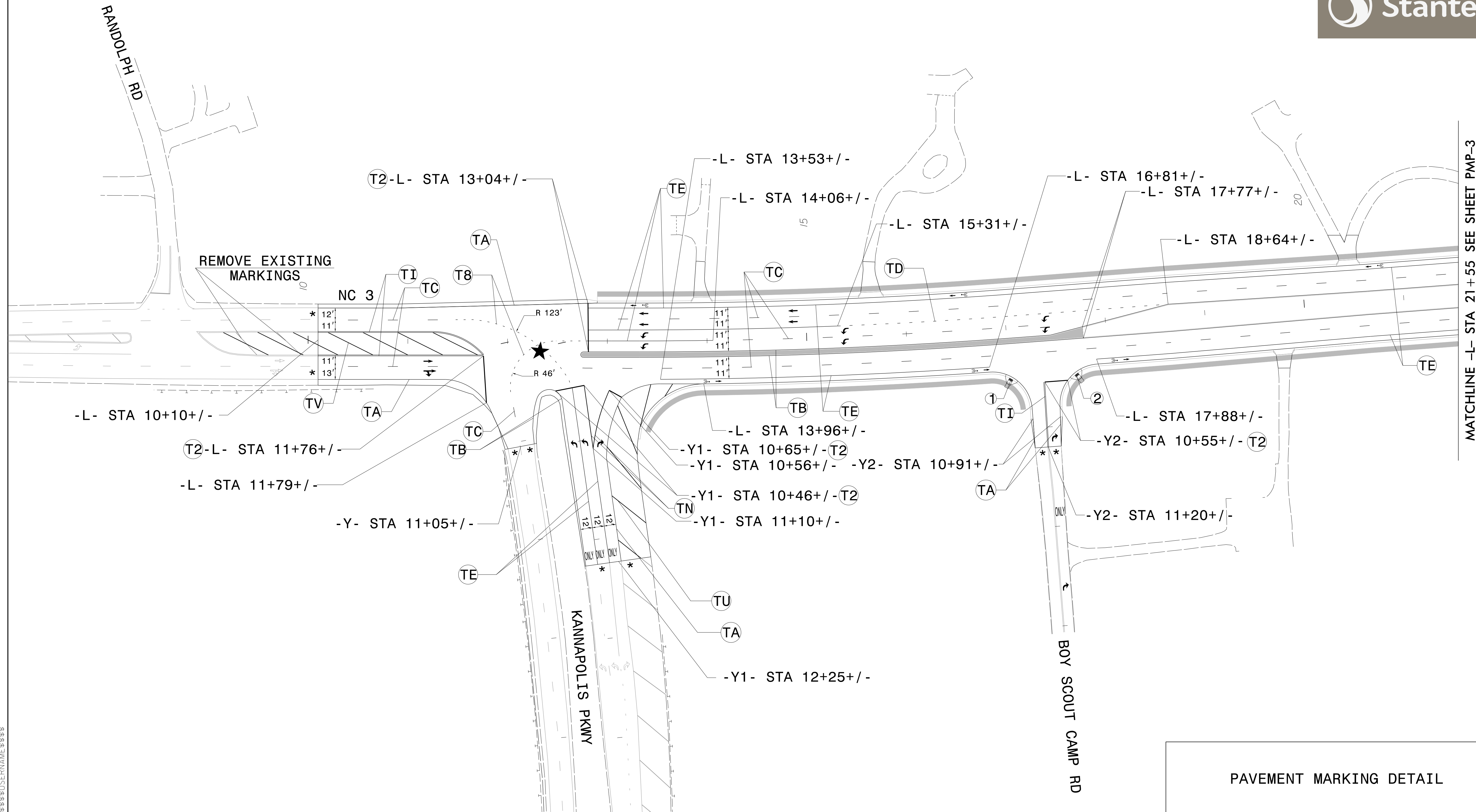
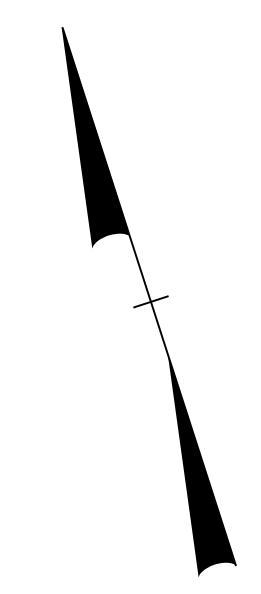
SYSTEMS DESIGN CONSULTANTS

TIP NO. U-3440	SHEET NO. PMP-2
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	CURB RAMP STATIONS	CURB RAMP TYPE
①	-Y2- STA 10+49+/-	STANDARD
②	-Y2- STA 10+49+/-	STANDARD

★ TIE TO EXISTING
★ PROPOSED SIGNAL

THERMOPLASTIC PAVEMENT MARKING LEGEND		
ⓐ LEFT TURN ARROW	Ⓣ WHITE STOPBAR (24")	Ⓣ YELLOW DOUBLE CENTER (4")
ⓑ RIGHT TURN ARROW	Ⓣ 2 FT - 6 FT/SP WHITE MINISKIP (4")	Ⓣ WHITE GORELINE (8")
ⓒ STRAIGHT ARROW	Ⓣ WHITE EDGELINE (4")	Ⓣ WHITE DIAGONAL (12")
ⓓ RIGHT/STRAIGHT ARROW	Ⓣ YELLOW EDGELINE (4")	Ⓣ YELLOW DIAGONAL (12")
ⓔ ONLY ALPHANUMERIC CHARACTERS	Ⓣ 10 FT WHITE SKIP (4")	
ⓕ BICYCLE SYMBOL	Ⓣ 3 FT - 9 FT/SP WHITE MINISKIP (4")	
ⓖ BICYCLE STRAIGHT ARROW	Ⓣ WHITE SOLID LANE LINE (4")	



MATCHLINE -L- STA 21+55 SEE SHEET PMP-3

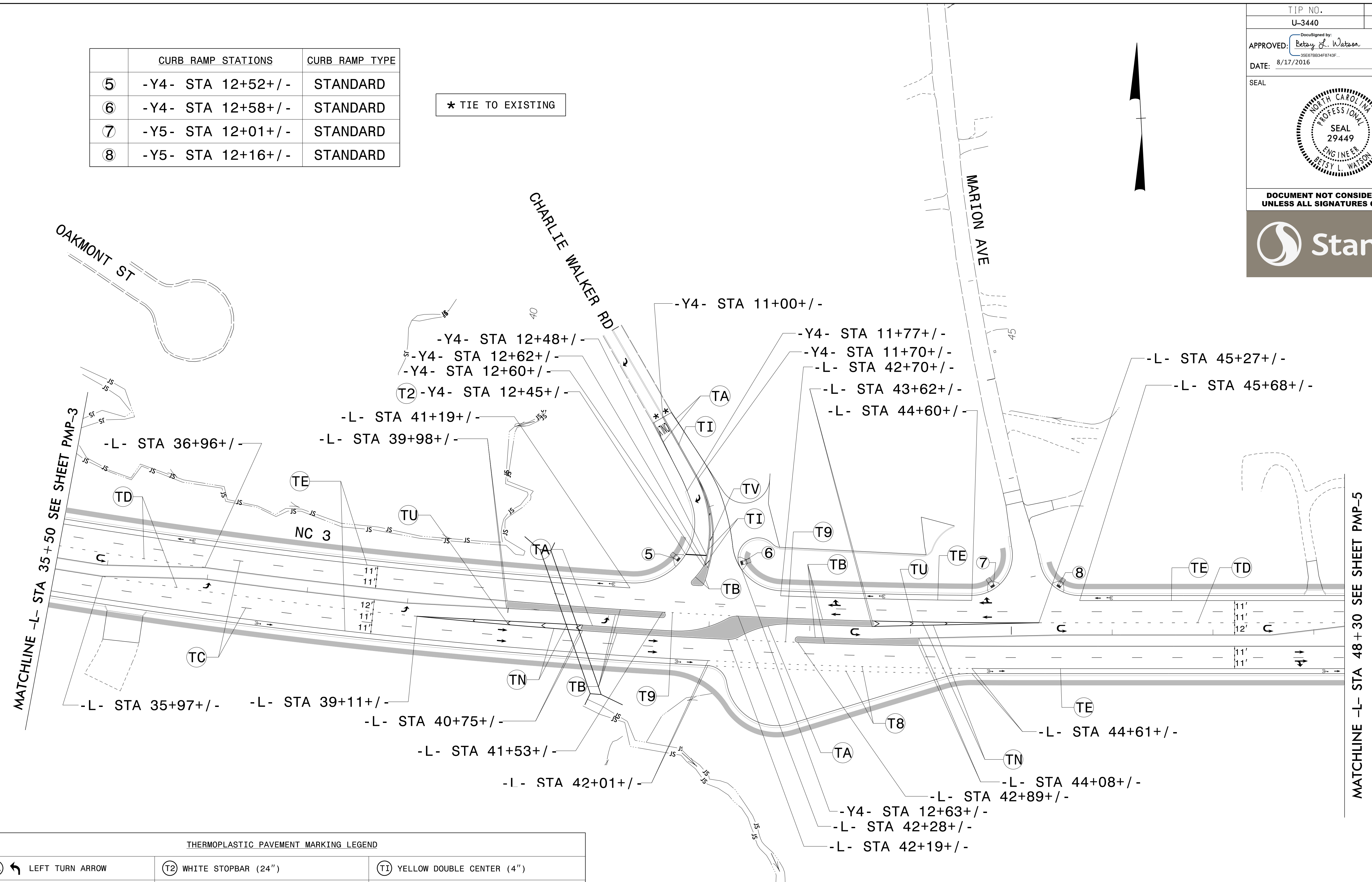
PAVEMENT MARKING DETAIL

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TIP NO. U-3440	SHEET NO. PMP-4
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	CURB RAMP STATIONS	CURB RAMP TYPE
5	-Y4- STA 12+52+/-	STANDARD
6	-Y4- STA 12+58+/-	STANDARD
7	-Y5- STA 12+01+/-	STANDARD
8	-Y5- STA 12+16+/-	STANDARD

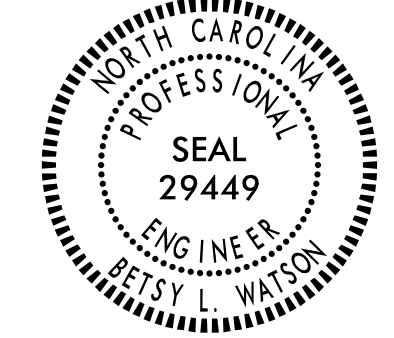

* TIE TO EXISTING



THERMOPLASTIC PAVEMENT MARKING LEGEND		
(UA) LEFT TURN ARROW	(T2) WHITE STOPBAR (24")	(TI) YELLOW DOUBLE CENTER (4")
(UB) RIGHT TURN ARROW	(T8) 2 FT - 6 FT/SP WHITE MINISKIP (4")	(TN) WHITE GORELINE (8")
(UC) STRAIGHT ARROW	(T9) 2 FT - 6 FT/SP YELLOW MINISKIP (4")	(TU) WHITE DIAGONAL (12")
(UE) RIGHT/STRAIGHT ARROW	(TA) WHITE EDGELINE (4")	(TV) YELLOW DIAGONAL (12")
(UI) ONLY ALPHANUMERIC CHARACTERS	(TB) YELLOW EDGELINE (4")	
(UJ) BICYCLE SYMBOL	(TC) 10 FT WHITE SKIP (4")	
(UK) BICYCLE STRAIGHT ARROW	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")	
(UT) U-TURN ARROW	(TE) WHITE SOLID LANE LINE (4")	

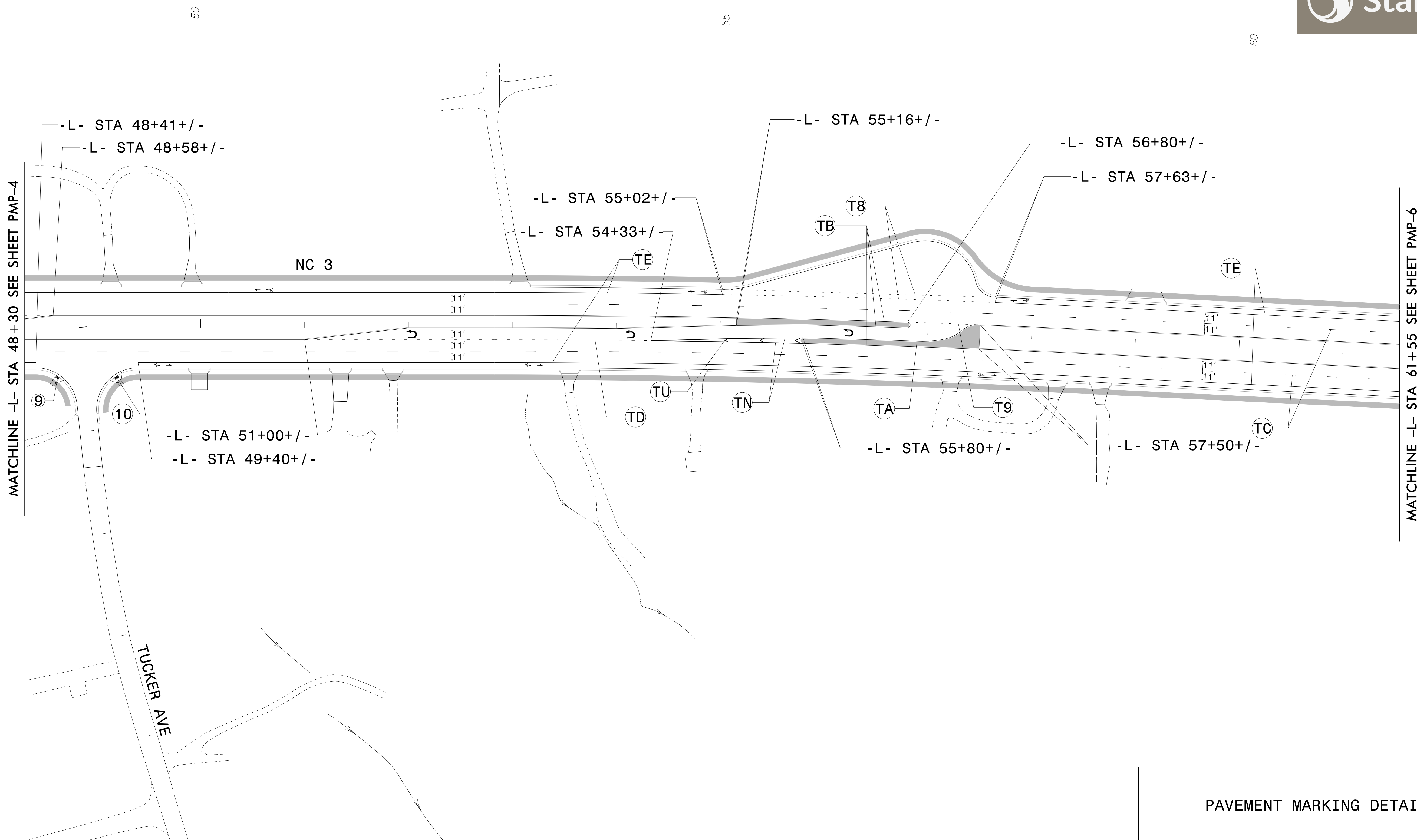
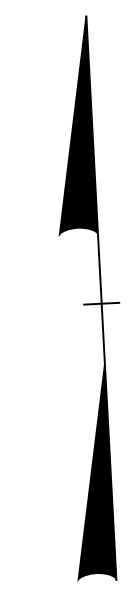
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PAVEMENT MARKING DETAIL

TIP NO. U-3440	SHEET NO. PMP-5
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THERMOPLASTIC PAVEMENT MARKING LEGEND		
(UK) ↑ BICYCLE STRAIGHT ARROW	(TB) 2 FT - 6 FT/SP WHITE MINISKIP (4")	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")
(UJ) ↻ BICYCLE SYMBOL	(T9) 2 FT - 6 FT/SP YELLOW MINISKIP (4")	(TE) WHITE SOLID LANE LINE (4")
(UK) ↑ BICYCLE STRAIGHT ARROW	(TA) WHITE EDGELINE (4")	(TN) WHITE GORELINE (8")
	(TB) YELLOW EDGELINE (4")	(TU) WHITE DIAGONAL (12")
	(TC) 10 FT WHITE SKIP (4")	

	CURB RAMP STATIONS	CURB RAMP TYPE
(9)	-Y6- STA 10+45+/-	STANDARD
(10)	-Y6- STA 10+51+/-	STANDARD

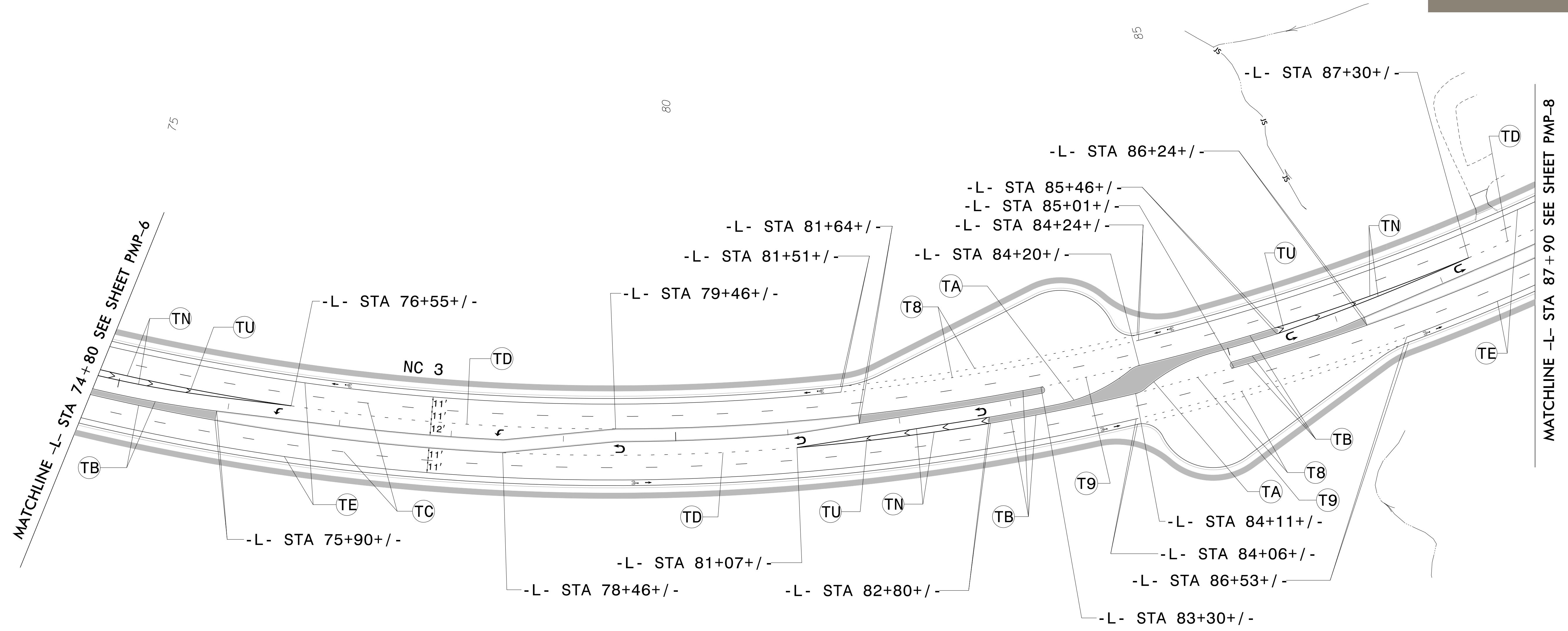
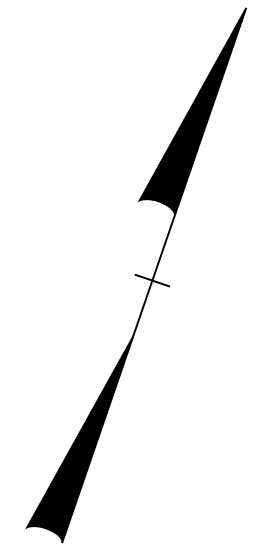


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PAVEMENT MARKING DETAIL

TIP NO. U-3440	SHEET NO. PMP-7
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THERMOPLASTIC PAVEMENT MARKING LEGEND		
(UA) LEFT TURN ARROW	(T8) 2 FT - 6 FT/SP WHITE MINISKIP (4")	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")
(UK) BICYCLE STRAIGHT ARROW	(T9) 2 FT - 6 FT/SP YELLOW MINISKIP (4")	(TE) WHITE SOLID LANE LINE (4")
(UL) BICYCLE SYMBOL	(TA) WHITE EDGELINE (4")	(TN) WHITE GORELINE (8")
(UK) BICYCLE STRAIGHT ARROW	(TB) YELLOW EDGELINE (4")	(TU) WHITE DIAGONAL (12")
	(TC) 10 FT WHITE SKIP (4")	



MATCHLINE -L- STA 74+80 SEE SHEET PMP-6

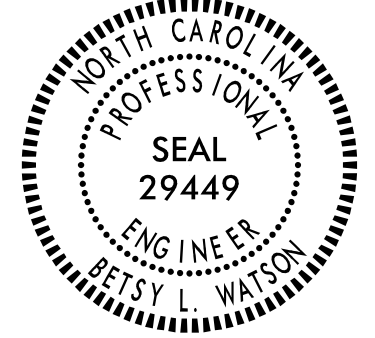

MATCHLINE -L- STA 87+90 SEE SHEET PMP-8

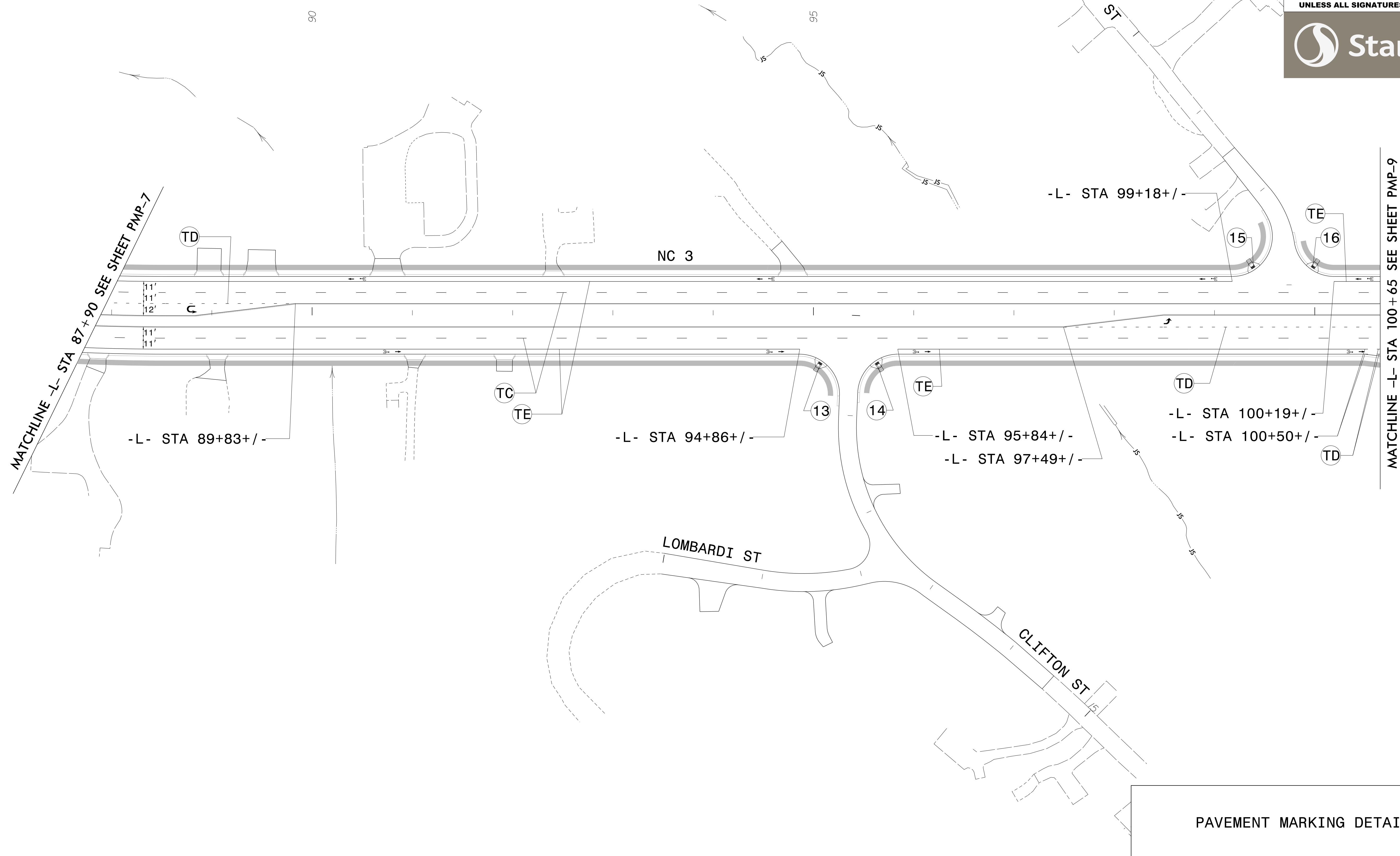
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PAVEMENT MARKING DETAIL

THERMOPLASTIC PAVEMENT MARKING LEGEND				
(UA)	←	LEFT TURN ARROW	(TC)	10 FT WHITE SKIP (4")
(UU)	🚲	BICYCLE SYMBOL	(TD)	3 FT - 9 FT/SP WHITE MINISKIP (4")
(UK)	↑	BICYCLE STRAIGHT ARROW	(TE)	WHITE SOLID LANE LINE (4")
(UT)	↩	U-TURN ARROW		

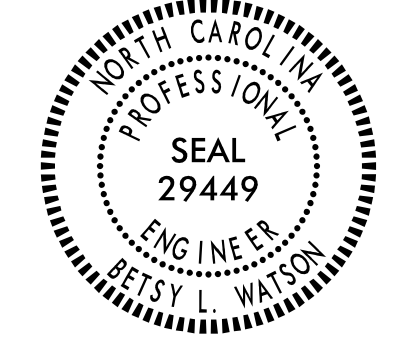

	CURB RAMP STATIONS	CURB RAMP TYPE
(13)	-Y8- STA 10+49+/-	STANDARD
(14)	-Y8- STA 10+46+/-	STANDARD
(15)	-Y9- STA 12+83+/-	STANDARD
(16)	-Y9- STA 12+83+/-	STANDARD

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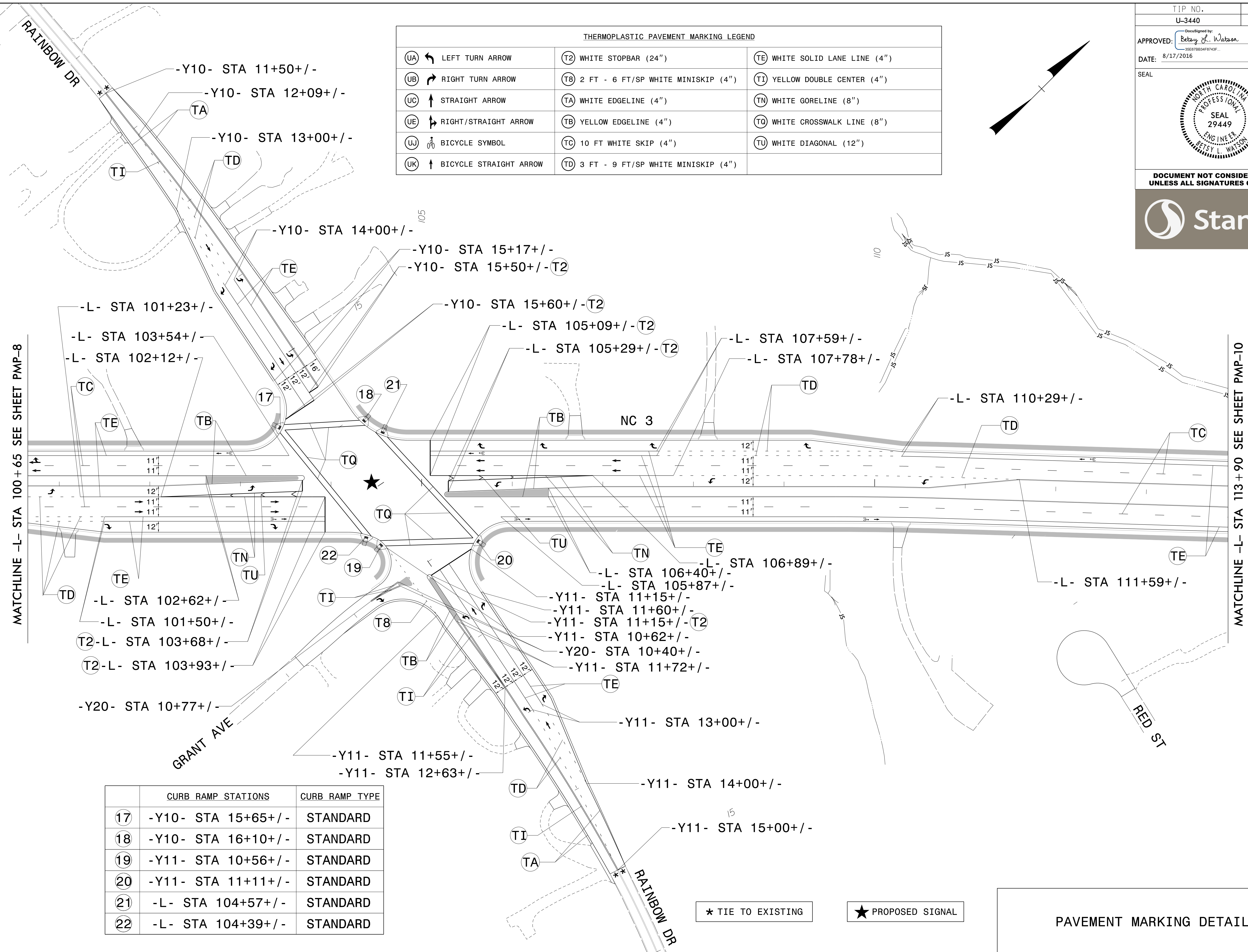
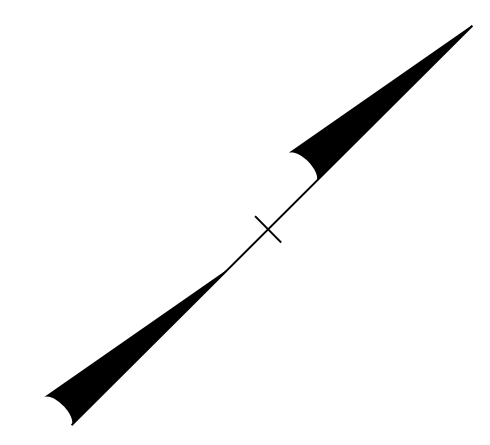


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PAVEMENT MARKING DETAIL

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THERMOPLASTIC PAVEMENT MARKING LEGEND		
(UA) LEFT TURN ARROW	(T2) WHITE STOPBAR (24")	(TE) WHITE SOLID LANE LINE (4")
(UB) RIGHT TURN ARROW	(T8) 2 FT - 6 FT/SP WHITE MINISKIP (4")	(TI) YELLOW DOUBLE CENTER (4")
(UC) STRAIGHT ARROW	(TA) WHITE EDGELINE (4")	(TN) WHITE GORELINE (8")
(UE) RIGHT/STRAIGHT ARROW	(TB) YELLOW EDGELINE (4")	(TQ) WHITE CROSSWALK LINE (8")
(UJ) BICYCLE SYMBOL	(TC) 10 FT WHITE SKIP (4")	(TU) WHITE DIAGONAL (12")
(UK) BICYCLE STRAIGHT ARROW	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")	



MATCHLINE -L- STA 100+65 SEE SHEET PMP-8

MATCHLINE -L- STA 113+90 SEE SHEET PMP-10

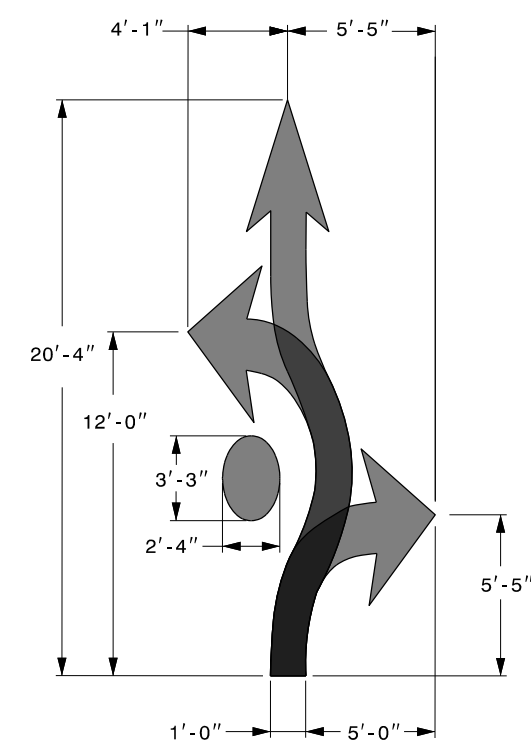
	CURB RAMP STATIONS	CURB RAMP TYPE
(17)	-Y10- STA 15+65+/-	STANDARD
(18)	-Y10- STA 16+10+/-	STANDARD
(19)	-Y11- STA 10+56+/-	STANDARD
(20)	-Y11- STA 11+11+/-	STANDARD
(21)	-L- STA 104+57+/-	STANDARD
(22)	-L- STA 104+39+/-	STANDARD

★ TIE TO EXISTING

★ PROPOSED SIGNAL

PAVEMENT MARKING DETAIL

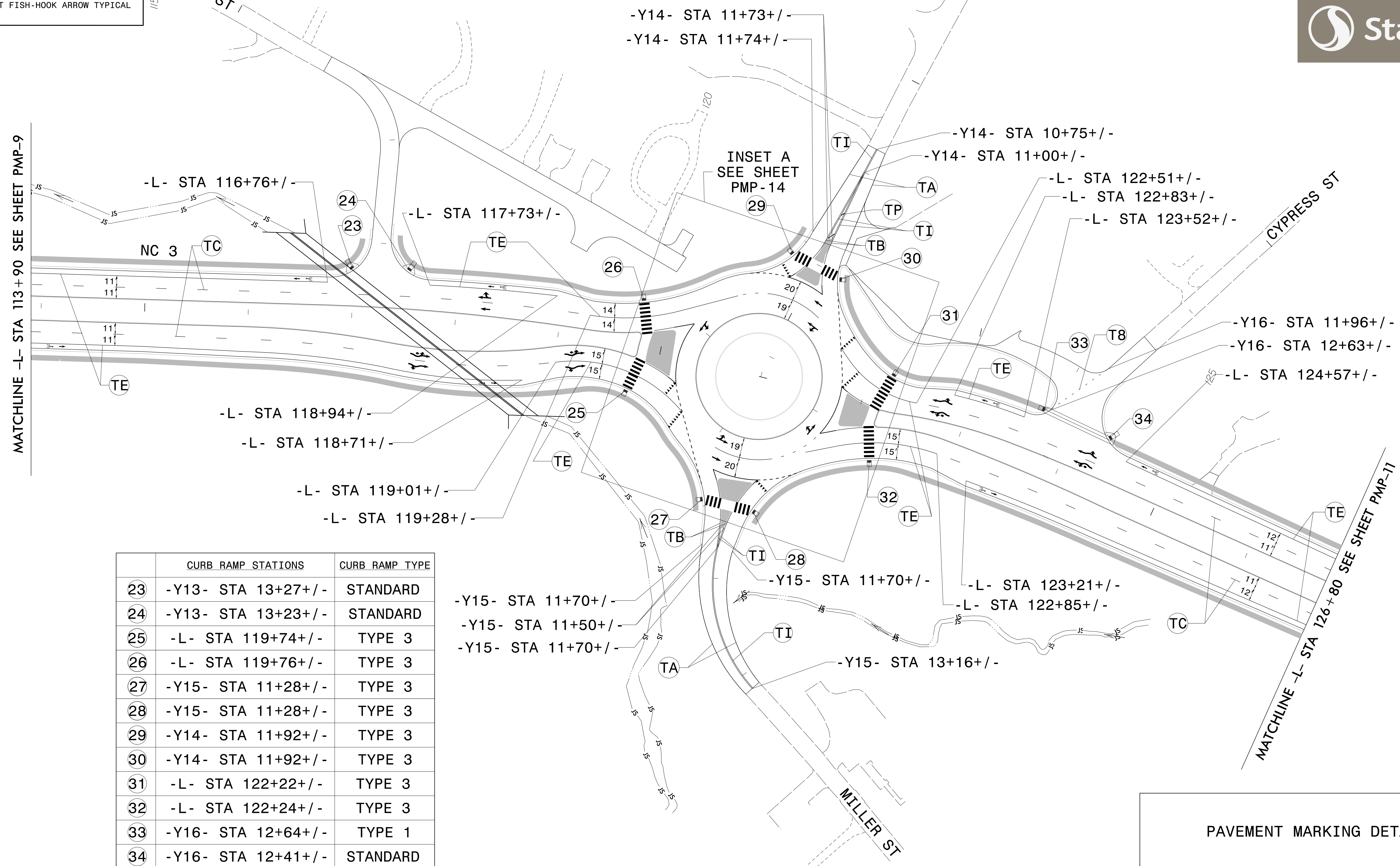
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ROUNDABOUT FISH-HOOK ARROW TYPICAL

THERMOPLASTIC PAVEMENT MARKING LEGEND				
(UC)	↑	STRAIGHT ARROW	(T8)	2 FT - 6 FT/SP WHITE MINISKIP (4")
(UE)	↘	RIGHT/STRAIGHT ARROW	(TA)	WHITE EDGELINE (4")
(UJ)	🚲	BICYCLE SYMBOL	(TB)	YELLOW EDGELINE (4")
(UK)	↑	BICYCLE STRAIGHT ARROW	(TC)	10 FT WHITE SKIP (4")
(UW)	↘	FISH-HOOK RIGHT/STRAIGHT ARROW	(TE)	WHITE SOLID LANE LINE (4")
(YB)	↘	FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW	(TI)	YELLOW DOUBLE CENTER (4")
			(TP)	YELLOW DIAGONAL (8")

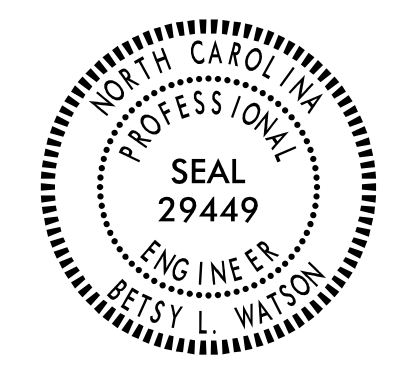

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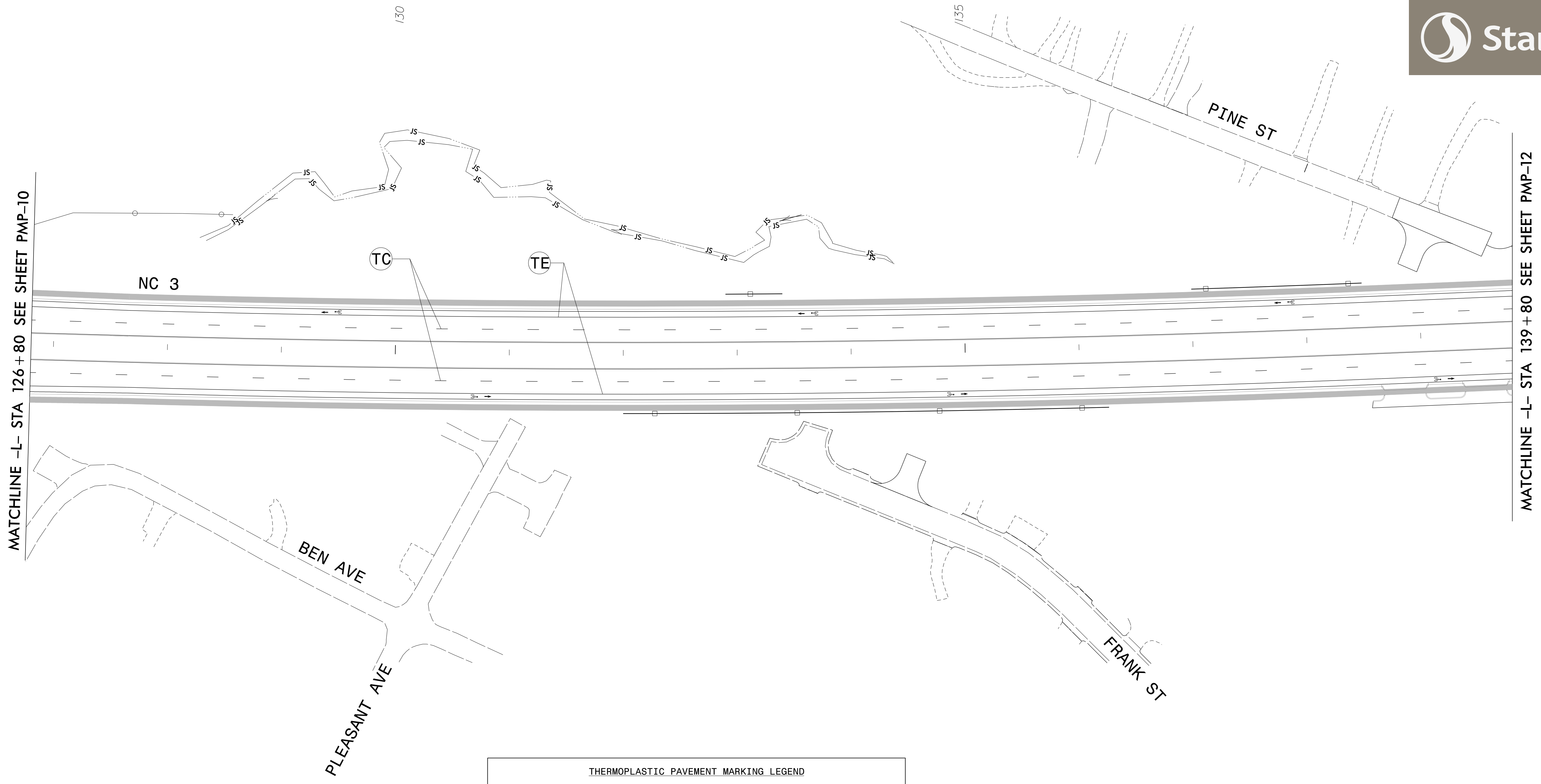
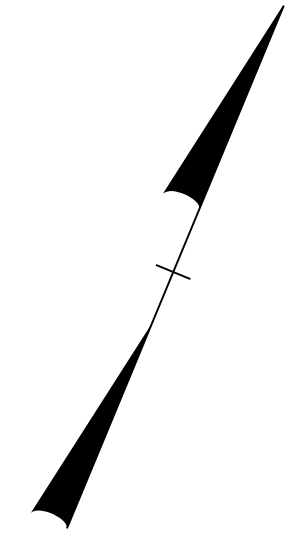


	CURB RAMP STATIONS	CURB RAMP TYPE
23	-Y13- STA 13+27+/-	STANDARD
24	-Y13- STA 13+23+/-	STANDARD
25	-L- STA 119+74+/-	TYPE 3
26	-L- STA 119+76+/-	TYPE 3
27	-Y15- STA 11+28+/-	TYPE 3
28	-Y15- STA 11+28+/-	TYPE 3
29	-Y14- STA 11+92+/-	TYPE 3
30	-Y14- STA 11+92+/-	TYPE 3
31	-L- STA 122+22+/-	TYPE 3
32	-L- STA 122+24+/-	TYPE 3
33	-Y16- STA 12+64+/-	TYPE 1
34	-Y16- STA 12+41+/-	STANDARD

\$\$\$\$\$SYTIME\$\$\$\$\$
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PAVEMENT MARKING DETAIL

TIP NO. U-3440	SHEET NO. PMP-11
APPROVED: <i>Betsy L. Watson</i> DocuSigned by: Betsy L. Watson 355978834F8743F...	
DATE: 8/17/2016	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	



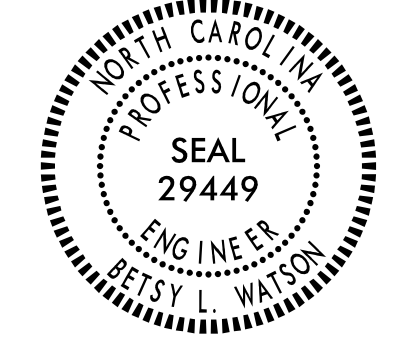

MATCHLINE -L- STA 126+80 SEE SHEET PMP-10

MATCHLINE -L- STA 139+80 SEE SHEET PMP-12

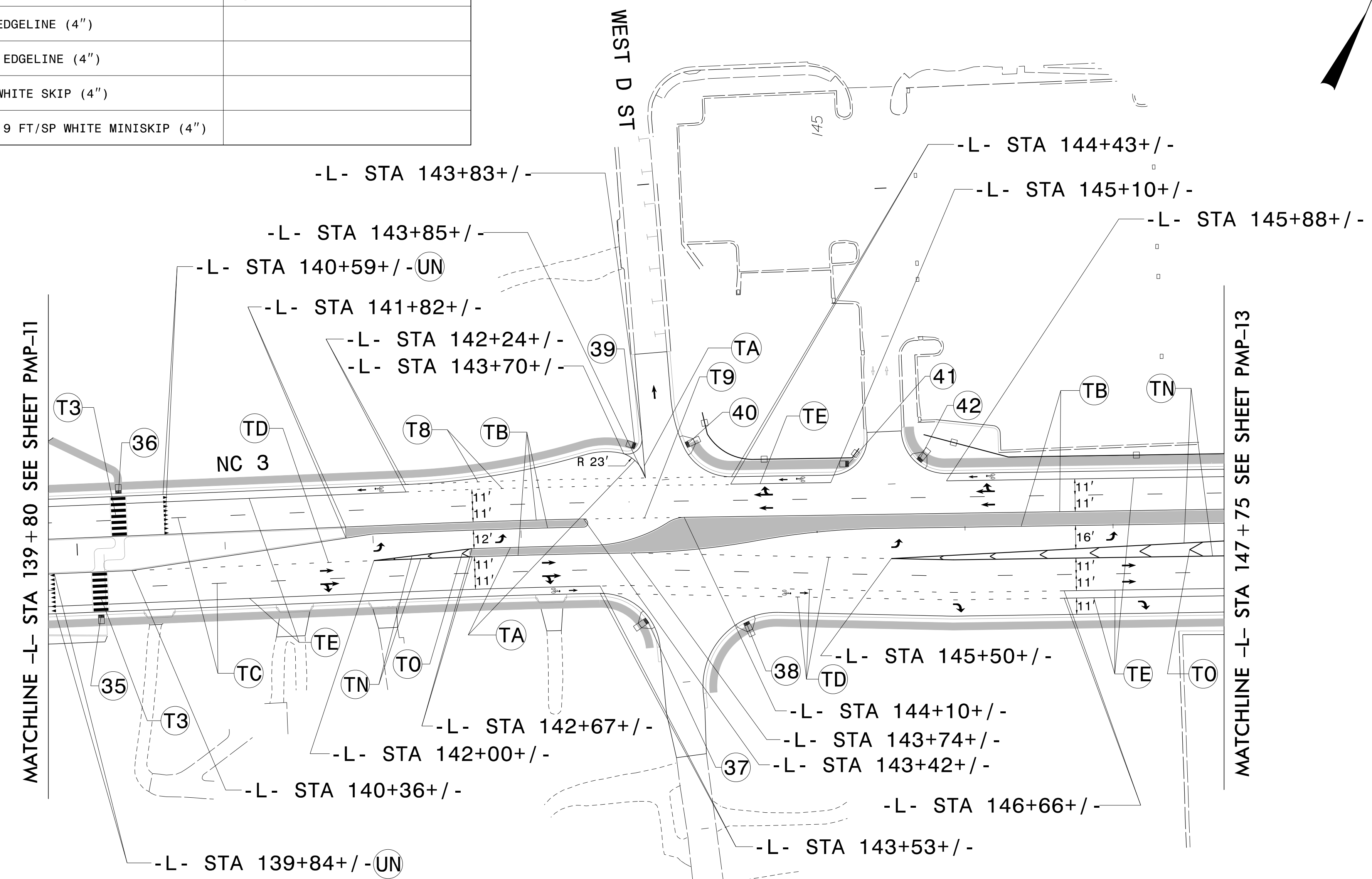
THERMOPLASTIC PAVEMENT MARKING LEGEND				
(U)		BICYCLE SYMBOL	(TC)	10 FT WHITE SKIP (4")
(UK)		BICYCLE STRAIGHT ARROW	(TE)	WHITE SOLID LANE LINE (4")

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

PAVEMENT MARKING DETAIL

TIP NO. U-3440	SHEET NO. PMP-12
APPROVED: <i>Betsy L. Watson</i> 35E87834F8743F	
DATE: 8/17/2016	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	

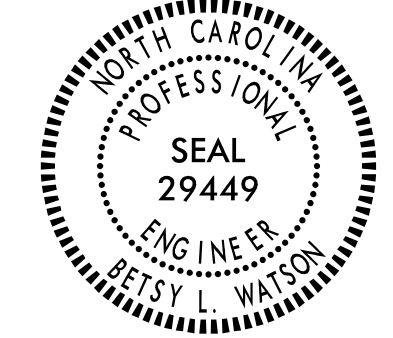

THERMOPLASTIC PAVEMENT MARKING LEGEND		
(UA) LEFT TURN ARROW	(T3) WHITE CROSSWALK LINE (24")	(TE) WHITE SOLID LANE LINE (4")
(UB) RIGHT TURN ARROW	(T8) 2 FT - 6 FT/SP WHITE MINISKIP (4")	(TN) WHITE GORELINE (8")
(UC) STRAIGHT ARROW	(T9) 2 FT - 6 FT/SP YELLOW MINISKIP (4")	(TO) WHITE DIAGONAL (8")
(UE) RIGHT/STRAIGHT ARROW	(TA) WHITE EDGELINE (4")	
(UJ) BICYCLE SYMBOL	(TB) YELLOW EDGELINE (4")	
(UK) BICYCLE STRAIGHT ARROW	(TC) 10 FT WHITE SKIP (4")	
(UN) 24" YIELD LINE TRIANGLE	(TD) 3 FT - 9 FT/SP WHITE MINISKIP (4")	



	CURB RAMP STATIONS	CURB RAMP TYPE
(35)	-L- STA 140+14+/-	TYPE 3
(36)	-L- STA 140+29+/-	TYPE 3
(37)	-L- STA 143+84+/-	STANDARD
(38)	-L- STA 144+51+/-	STANDARD
(39)	-L- STA 143+78+/-	TYPE 1
(40)	-L- STA 144+12+/-	STANDARD
(41)	-L- STA 145+22+/-	TYPE 1
(42)	-L- STA 145+70+/-	STANDARD

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

PAVEMENT MARKING DETAIL

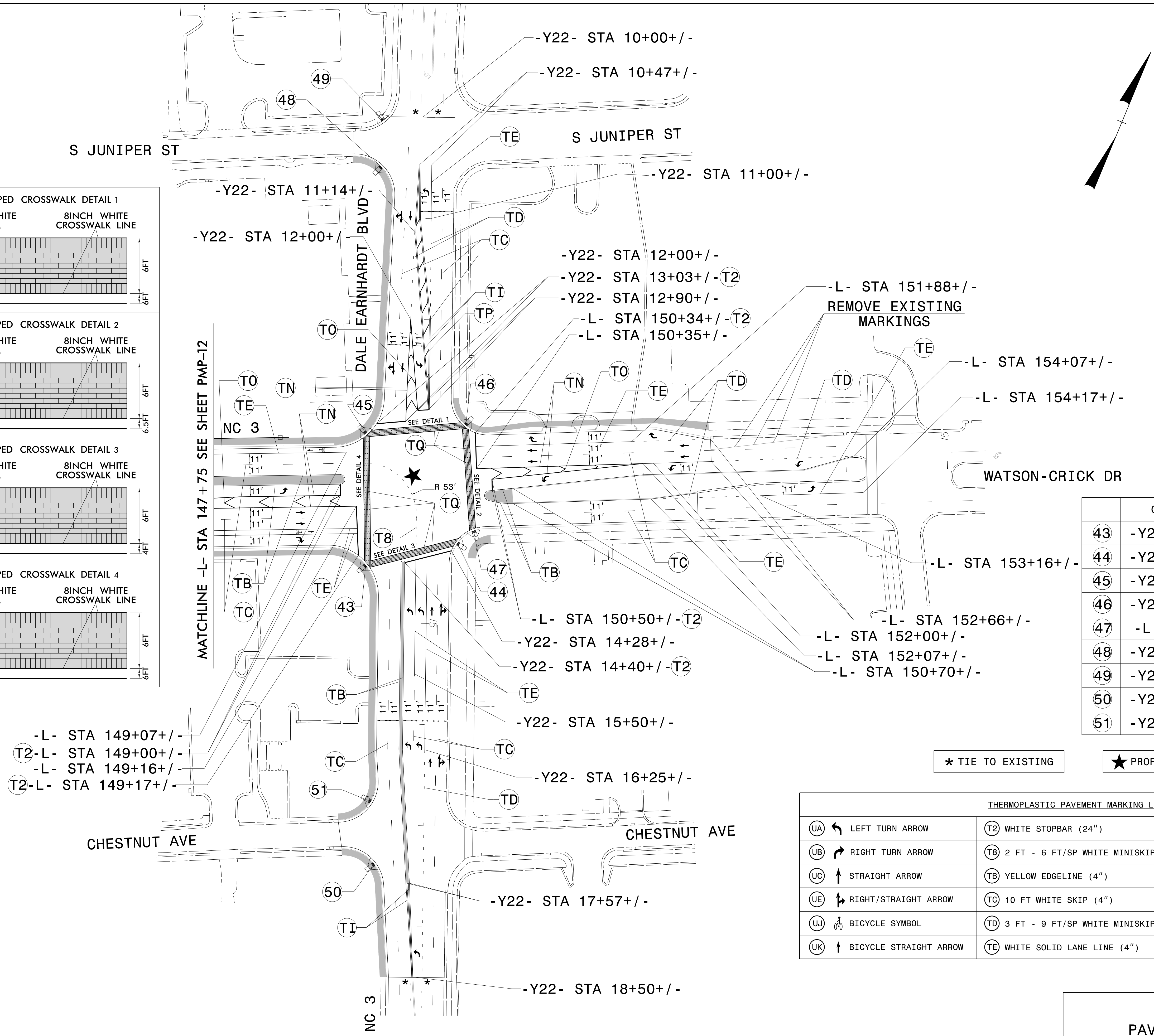
TIP NO. U-3440	SHEET NO. PMP-13
APPROVED: <i>Betsy L. Watson</i> 35678348743F	
DATE: 9/6/2016	
SEAL	
	
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STAMPED CROSSWALK DETAIL 1
24 INCH WHITE STOPBAR 8 INCH WHITE CROSSWALK LINE
6 FT 6 FT

STAMPED CROSSWALK DETAIL 2
24 INCH WHITE STOPBAR 8 INCH WHITE CROSSWALK LINE
5 FT 6 FT

STAMPED CROSSWALK DETAIL 3
24 INCH WHITE STOPBAR 8 INCH WHITE CROSSWALK LINE
4 FT 6 FT

STAMPED CROSSWALK DETAIL 4
24 INCH WHITE STOPBAR 8 INCH WHITE CROSSWALK LINE
7.5 FT 6 FT



	CURB RAMP STATIONS	CURB RAMP TYPE
43	-Y22- STA 14+43+/-	STANDARD
44	-Y22- STA 14+21+/-	STANDARD
45	-Y22- STA 13+13+/-	STANDARD
46	-Y22- STA 13+04+/-	STANDARD
47	-L- STA 150+31+/-	STANDARD
48	-Y22- STA 10+50+/-	STANDARD
49	-Y22- STA 10+03+/-	STANDARD
50	-Y22- STA 17+39+/-	STANDARD
51	-Y22- STA 16+77+/-	STANDARD

★ TIE TO EXISTING ★ PROPOSED SIGNAL

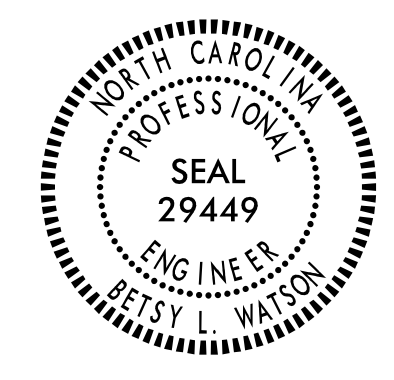

THERMOPLASTIC PAVEMENT MARKING LEGEND					
UA	LEFT TURN ARROW	T2	WHITE STOPBAR (24")	TI	YELLOW DOUBLE CENTER (4")
UB	RIGHT TURN ARROW	T8	2 FT - 6 FT/SP WHITE MINISKIP (4")	TN	WHITE GORELINE (8")
UC	STRAIGHT ARROW	TB	YELLOW EDGELINE (4")	TO	WHITE DIAGONAL (8")
UE	RIGHT/STRAIGHT ARROW	TC	10 FT WHITE SKIP (4")	TP	YELLOW DIAGONAL (8")
UU	BICYCLE SYMBOL	TD	3 FT - 9 FT/SP WHITE MINISKIP (4")	TQ	WHITE CROSSWALK LINE (8")
UK	BICYCLE STRAIGHT ARROW	TE	WHITE SOLID LANE LINE (4")		

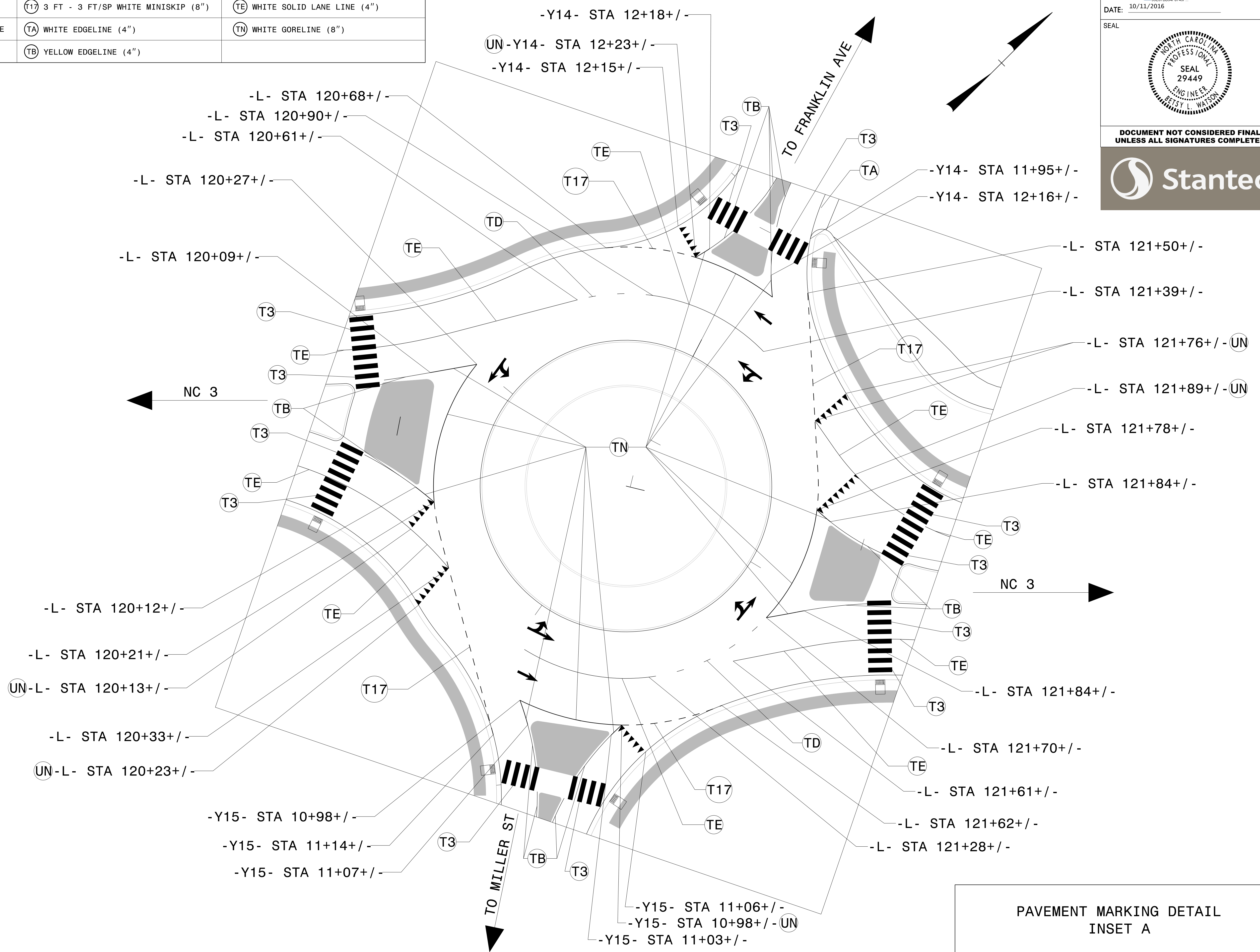
PAVEMENT MARKING DETAIL

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DDGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

THERMOPLASTIC PAVEMENT MARKING LEGEND

UC	↑ STRAIGHT ARROW	T3	WHITE CROSSWALK LINE (24")	TD	3 FT - 9 FT/SP WHITE MINISKIP (4")
UD	↙ LEFT/STRAIGHT ARROW	T17	3 FT - 3 FT/SP WHITE MINISKIP (8")	TE	WHITE SOLID LANE LINE (4")
UN	▼▼ 24" YIELD LINE TRIANGLE	TA	WHITE EDGELINE (4")	TN	WHITE GORELINE (8")
		TB	YELLOW EDGELINE (4")		

TIP NO. U-3440	SHEET NO. PMP-14
APPROVED: <i>Betsy L. Watson</i> <small>DocuSigned by: Betsy L. Watson 35E078B34F8743F...</small>	
DATE: 10/11/2016	
SEAL 	
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\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

PAVEMENT MARKING DETAIL
INSET A