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**T.I.P.: R-5734A**

**CONTRACT NO.: C204130**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
MACON COUNTY**

**LOCATION: US 23/441 (GEORGIA RD) FROM SR 1652 (WIDE  
HORIZON RD)/SR 1152 (BELDEN CIRCLE) TO US 64**

TIP NO. <b>R-5734A</b>	SHEET NO. <b>PMP - 1</b>
APPROVED: <small>35E970B3AF743F</small>	
DATE: 5/31/2018	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROP
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
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 | SNOWPLOWABLE |
| BRIDGE    | THERMOPLASTIC | 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.

**FINAL PAVEMENT MARKING SCHEDULE**

SYMBOL	DESCRIPTION	PAY ITEM
T2	WHITE STOPBAR	(24", 120 MIL) THERMOPLASTIC
T6	WHITE EDGELINE	(6", 90 MIL) THERMOPLASTIC
T7	YELLOW EDGELINE	(6", 90 MIL) THERMOPLASTIC
T8	2 FT-6FT/SP WHITE MINISKIP	(4", 120 MIL) THERMOPLASTIC
T9	2 FT-6FT/SP YELLOW MINISKIP	(4", 120 MIL) THERMOPLASTIC
T13	3 FT-9 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
TF	10 FT YELLOW SKIP	(4", 120 MIL) THERMOPLASTIC
TH	YELLOW SINGLE CENER	(4", 120 MIL) THERMOPLASTIC
TI	YELLOW DOUBLE CENTER	(4", 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
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
TR	WHITE SOLID LANE 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
UQ	RAMP ARROW SYMBOL	(90 MIL) THERMOPLASTIC
UT	U-TURN ARROW	(90 MIL) THERMOPLASTIC
ZZ	ROUTE SHIELD	(90 MIL) THERMOPLASTIC
MB	CRYSTAL & RED	RAISED PAVEMENT MARKERS
ME	YELLOW & YELLOW	SNOWPLOWABLE PAVEMENT MARKERS
MF	CRYSTAL & RED	SNOWPLOWABLE PAVEMENT MARKERS

**PLAN PREPARED BY:**

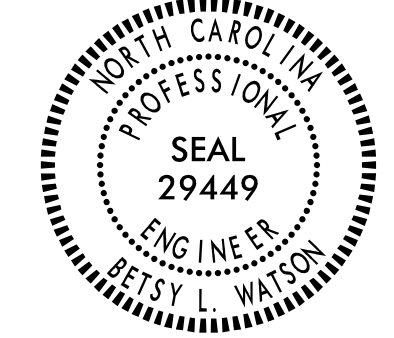

**BETSY L. WATSON, P.E.** SENIOR TRANSPORTATION ENGINEER  
**ROSI R. HENNEIN** TRANSPORTATION DESIGNER


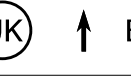
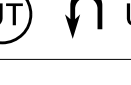


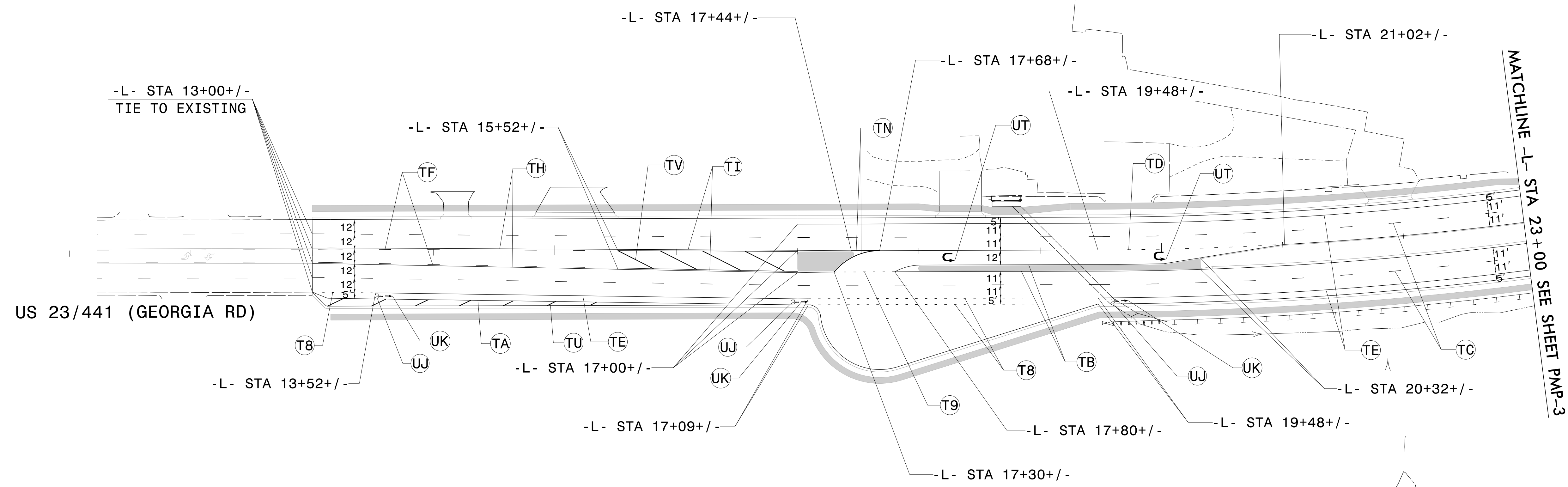
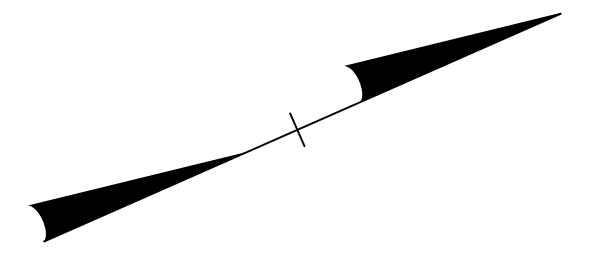
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**INDEX**

_SHEET NO._	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-9	PAVEMENT MARKING DETAIL

TIP NO. R-5734A	SHEET NO. PMP-2
APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
SEAL	
	
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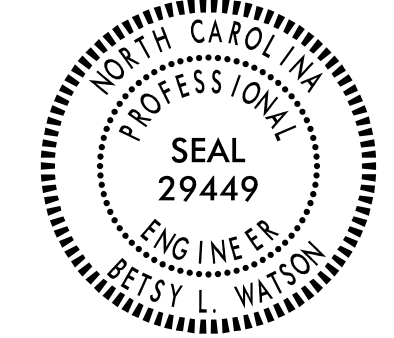
THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UJ)  BICYCLE SYMBOL	(T8) 2 FT-6 FT/SP WHITE MINISKIP (4")
(UK)  BICYCLE STRAIGHT ARROW	(T9) 2 FT-6 FT/SP YELLOW MINISKIP (4")
(UT)  U-TURN ARROW	(TA) WHITE EDGELINE (4")
	(TB) YELLOW EDGELINE (4")
	(TC) 10 FT WHITE SKIP (4")
	(TD) 3 FT-9 FT/SP WHITE MINISKIP (4")
	(TE) WHITE SOLID LANE LINE (4")
	(TF) 10 FT YELLOW SKIP (4")
	(TH) YELLOW SINGLE CENTER (4")
	(TI) YELLOW DOUBLE CENTER (4")
	(TN) WHITE GORELINE (8")
	(TU) WHITE DIAGONAL (12")
	(TV) YELLOW DIAGONAL (12")



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 \$\$\$USERNAME\$\$\$\$\$

PAVEMENT MARKING DETAIL

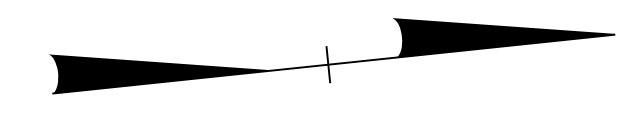
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APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
SEAL	



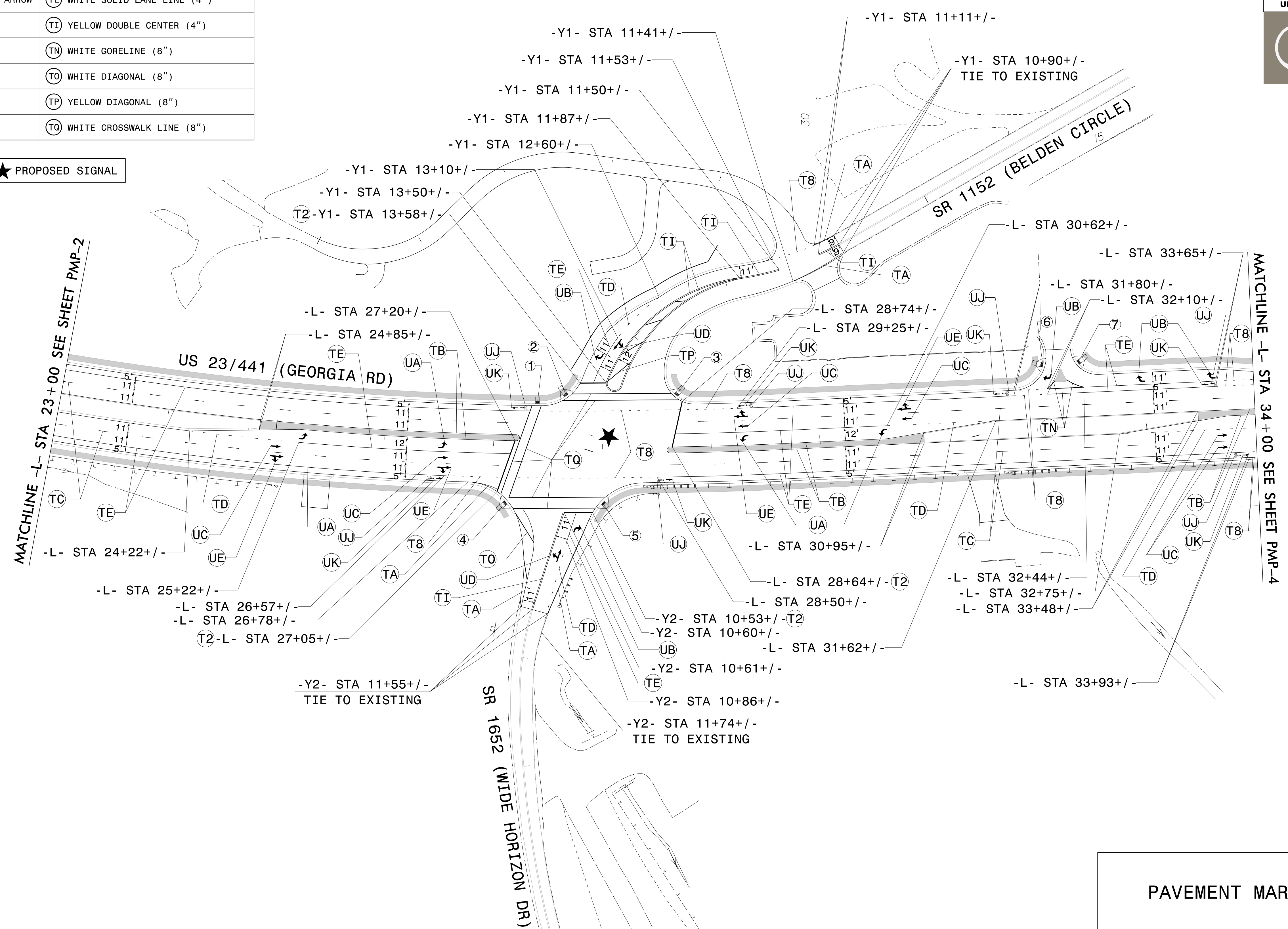
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THERMOPLASTIC PAVEMENT MARKING LEGEND	
UA LEFT TURN ARROW	T2 WHITE STOPBAR (24")
UB RIGHT TURN ARROW	T8 2 FT-6 FT/SP WHITE MINISKIP (4")
UC STRAIGHT ARROW	TA WHITE EDGELINE (4")
UD LEFT/STRAIGHT ARROW	TB YELLOW EDGELINE (4")
UE STRAIGHT/RIGHT ARROW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

CURB RAMP STATIONS	CURB RAMP TYPE
① -L- STA 27+39+/-	TYPE 3
② -Y1- STA 13+72+/-	STANDARD
③ -Y1- STA 13+28+/-	STANDARD
④ -Y2- STA 10+69+/-	STANDARD
⑤ -Y2- STA 10+42+/-	STANDARD
⑥ -L- STA 32+07+/-	STANDARD
⑦ -L- STA 32+40+/-	STANDARD

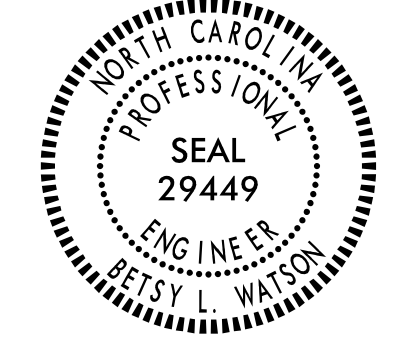



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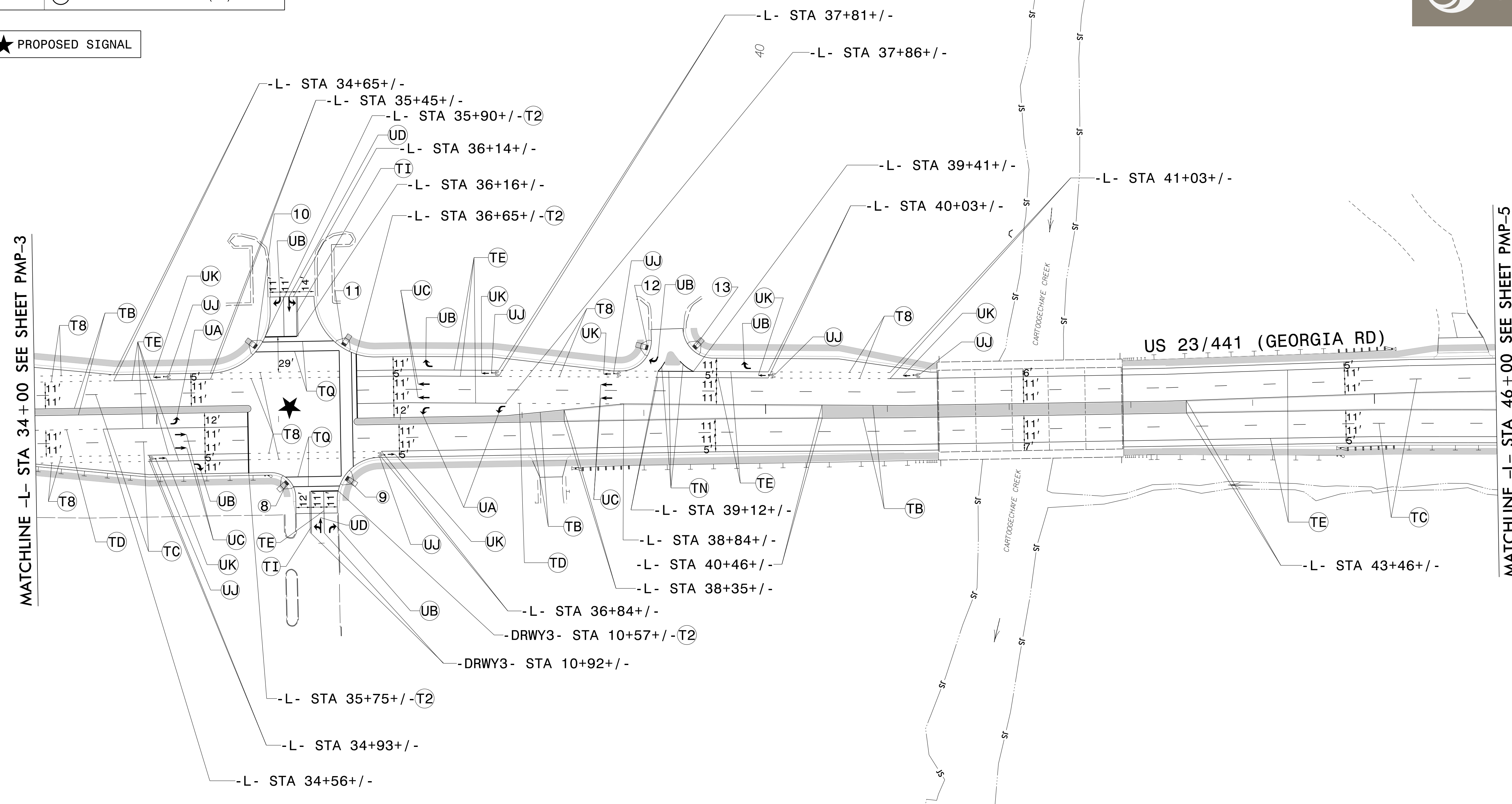
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TIP NO. R-5734A	SHEET NO. PMP-4
APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
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THERMOPLASTIC PAVEMENT MARKING LEGEND	
UA LEFT TURN ARROW	T2 WHITE STOPBAR (24")
UB RIGHT TURN ARROW	T8 2 FT-6 FT/SP WHITE MINISKIP (4")
UC STRAIGHT ARROW	TB YELLOW EDGELINE (4")
UD LEFT/STRAIGHT ARROW	TC 10 FT WHITE SKIP (4")
UJ BICYCLE SYMBOL	TD 3 FT-9 FT/SP WHITE MINISKIP (4")
UK BICYCLE STRAIGHT ARROW	TE WHITE SOLID LANE LINE (4")
	TI YELLOW DOUBLE CENTER (4")
	TN WHITE GORELINE (8")
	TO WHITE CROSSWALK LINE (8")

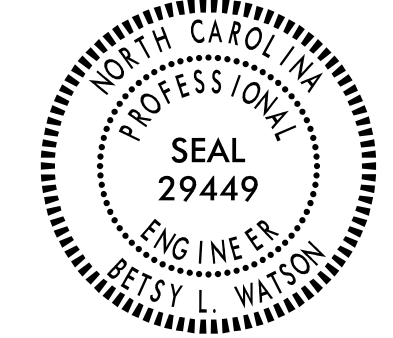

CURB_RAMP_STATIONS	CURB_RAMP_TYPE
8 -DRWY3- STA 10+49+/-	STANDARD
9 -DRWY3- STA 10+47+/-	STANDARD
10 -L- STA 35+83+/-	STANDARD
11 -L- STA 36+54+/-	STANDARD
12 -L- STA 39+04+/-	STANDARD
13 -L- STA 39+42+/-	STANDARD

★ PROPOSED SIGNAL



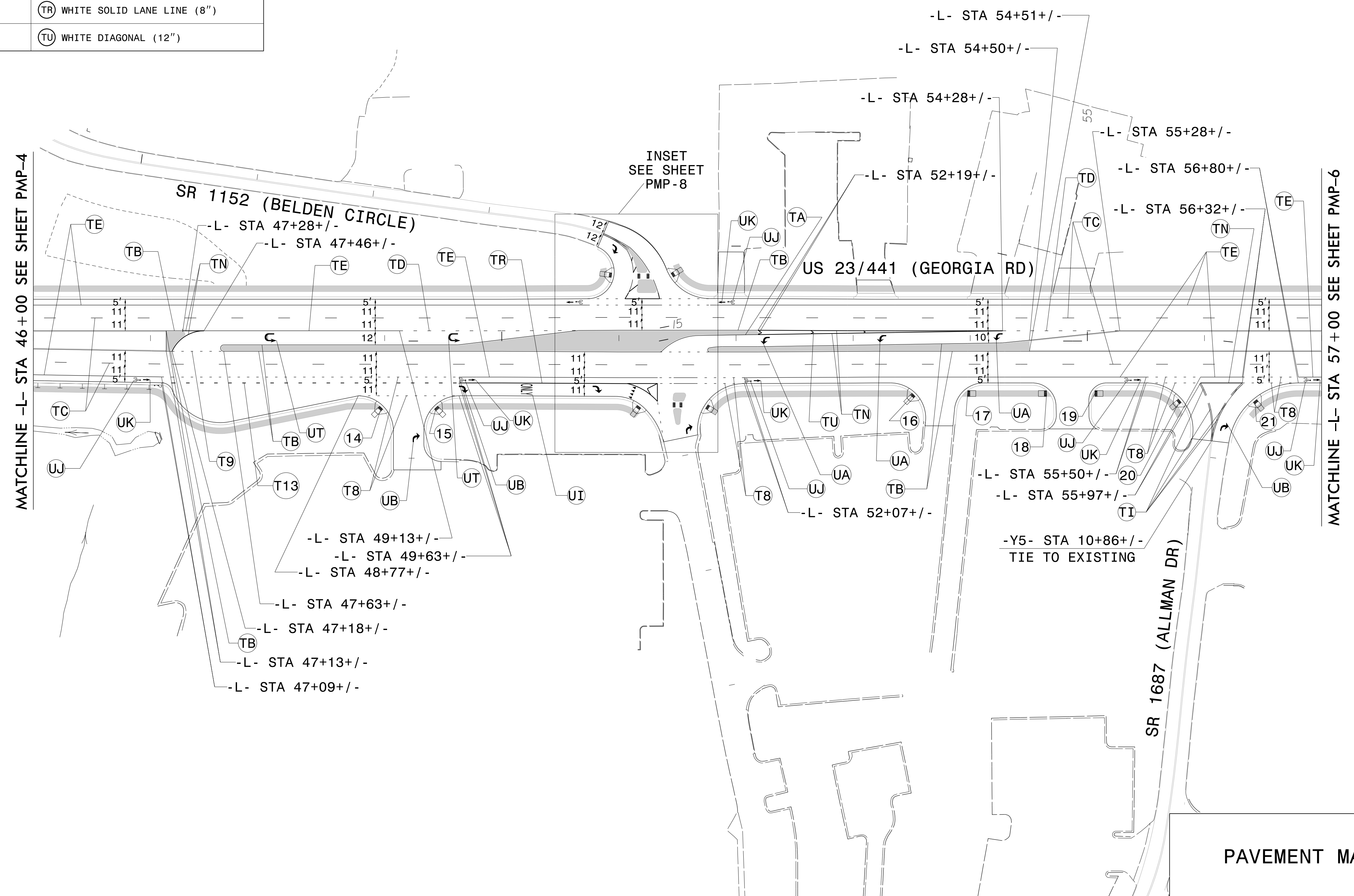
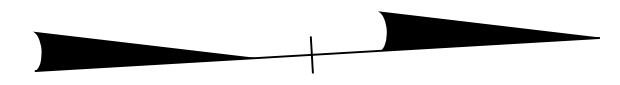
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PAVEMENT MARKING DETAIL

TIP NO. R-5734A	SHEET NO. PMP-5
APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
SEAL	
	
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THERMOPLASTIC PAVEMENT MARKING LEGEND	
UA LEFT TURN ARROW	T8 2 FT-6 FT/SP WHITE MINISKIP (4")
UB RIGHT TURN ARROW	T9 2 FT-6 FT/SP YELLOW MINISKIP (4")
UI ONLY ALPHANUMERIC CHARACTERS	T13 3 FT-9 FT/SP WHITE MINISKIP (8")
UJ BICYCLE SYMBOL	TA WHITE EDGELINE (4")
UK BICYCLE STRAIGHT ARROW	TB YELLOW EDGELINE (4")
UT U-TURN ARROW	TC 10 FT WHITE SKIP (4")
	TD 3 FT-9 FT/SP WHITE MINISKIP (4")
	TE WHITE SOLID LANE LINE (4")
	TI YELLOW DOUBLE CENTER (4")
	TN WHITE GORELINE (8")
	TR WHITE SOLID LANE LINE (8")
	TU WHITE DIAGONAL (12")

CURB RAMP STATIONS	CURB RAMP TYPE
14 -L- STA 48+97+/-	STANDARD
15 -L- STA 49+44+/-	STANDARD
16 -L- STA 53+52+/-	STANDARD
17 -L- STA 53+98+/-	TYPE 1
18 -L- STA 54+65+/-	TYPE 1
19 -L- STA 55+06+/-	TYPE 1
20 -Y5- STA 10+55+/-	STANDARD
21 -Y5- STA 10+48+/-	STANDARD



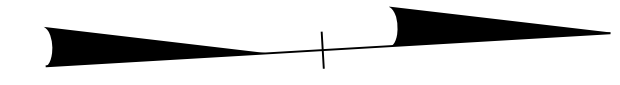
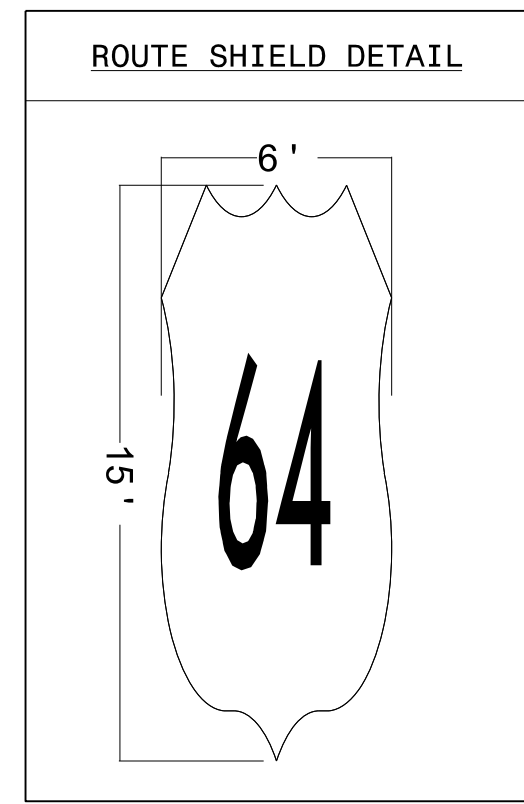
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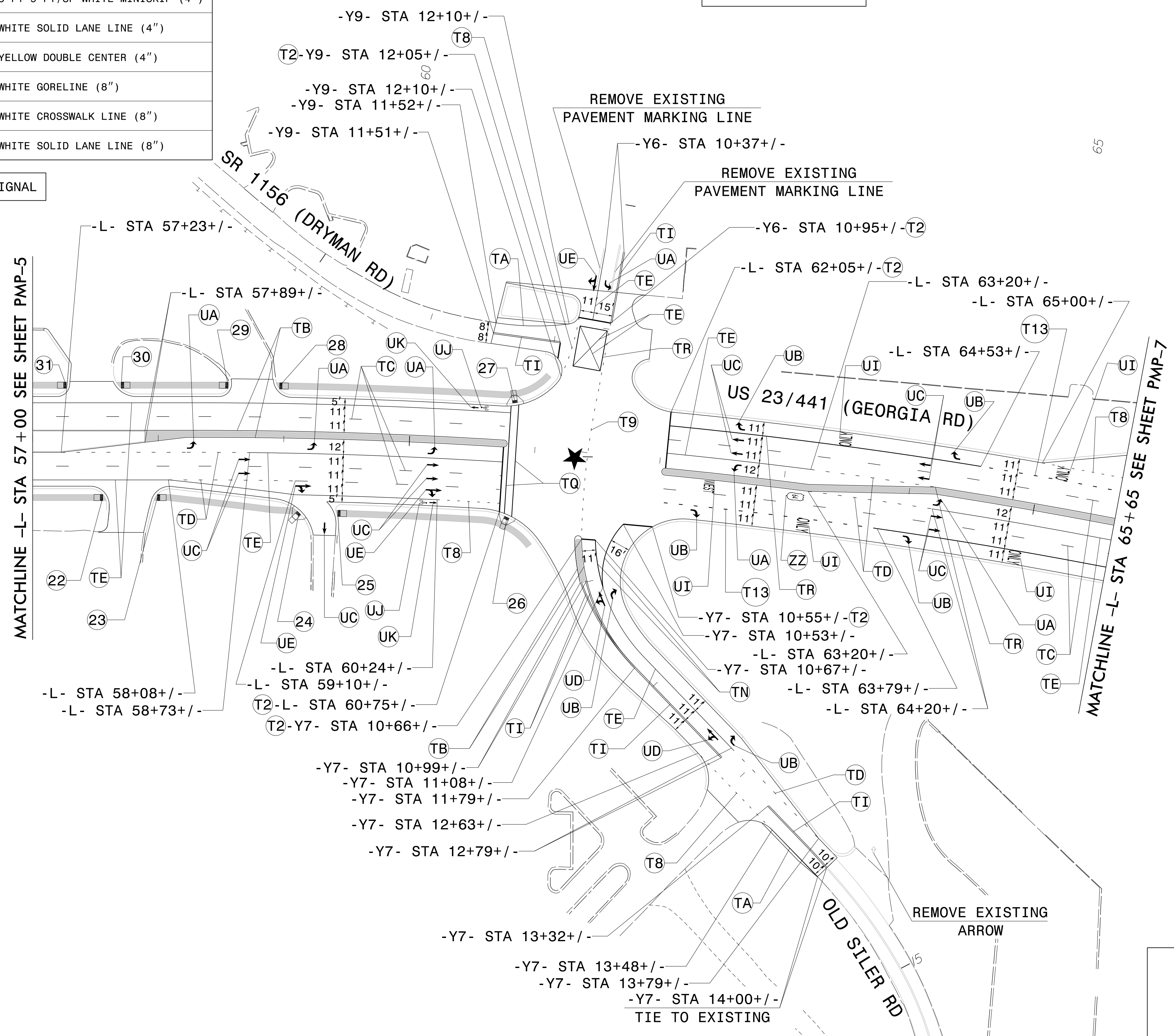
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APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
SEAL	
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THERMOPLASTIC PAVEMENT MARKING LEGEND	
UA LEFT TURN ARROW	T2 WHITE STOPBAR (24")
UB RIGHT TURN ARROW	T8 2 FT-6 FT/SP WHITE MINISKIP (4")
UC STRAIGHT ARROW	T9 2 FT-6 FT/SP YELLOW MINISKIP (4")
UD LEFT/STRAIGHT ARROW	T13 3 FT-9 FT/SP WHITE MINISKIP (8")
UE STRAIGHT/RIGHT ARROW	TA WHITE EDGELINE (4")
UT ONLY ALPHANUMERIC CHARACTERS	TB YELLOW EDGELINE (4")
UI WEST ALPHANUMERIC CHARACTERS	TC 10 FT WHITE SKIP (4")
UJ BICYCLE SYMBOL	TD 3 FT-9 FT/SP WHITE MINISKIP (4")
UK BICYCLE STRAIGHT ARROW	TE WHITE SOLID LANE LINE (4")
ZZ ROUTE SHIELD ON DARK PAVEMENT	TI YELLOW DOUBLE CENTER (4")
	TN WHITE GORELINE (8")
	TQ WHITE CROSSWALK LINE (8")
	TR WHITE SOLID LANE LINE (8")

CURB RAMP STATIONS	CURB RAMP TYPE
22 -L- STA 57+56+/-	TYPE 1
23 -L- STA 57+99+/-	TYPE 1
24 -L- STA 59+13+/-	STANDARD
25 -L- STA 59+45+/-	TYPE 1
26 -L- STA 60+81+/-	STANDARD
27 -L- STA 60+82+/-	STANDARD
28 -L- STA 58+96+/-	TYPE 1
29 -L- STA 58+55+/-	TYPE 1
30 -L- STA 57+71+/-	TYPE 1
31 -L- STA 57+27+/-	TYPE 1





★ PROPOSED SIGNAL

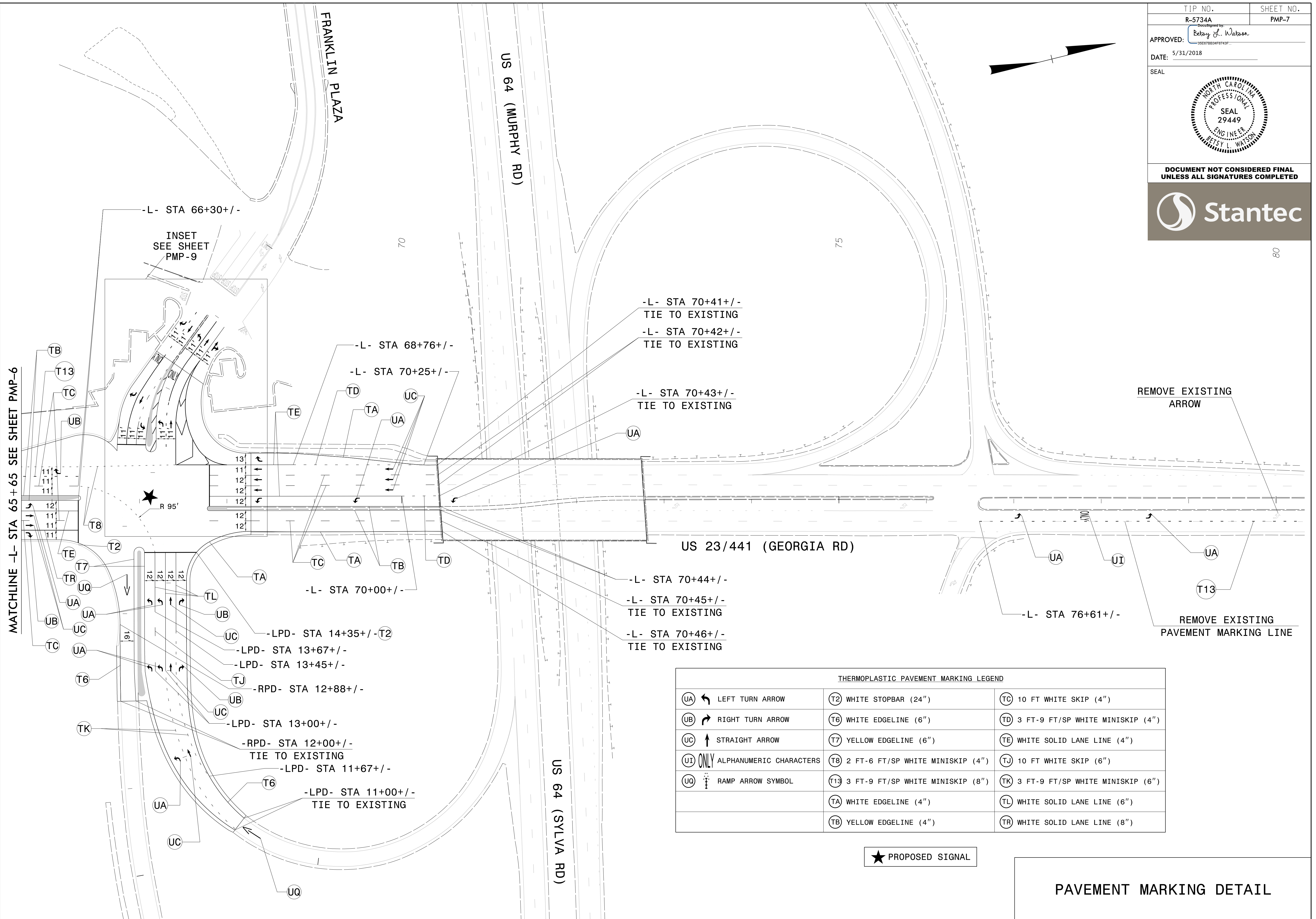


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PAVEMENT MARKING DETAIL

TIP NO. R-5734A SHEET NO. PMP-7  
 Approved by *Betsy L. Watson*  
 APPROVED: *Betsy L. Watson*  
 DATE: 5/31/2018  
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Thermoplastic Pavement Marking Legend

LEFT TURN ARROW	WHITE STOPBAR (24")	10 FT WHITE SKIP (4")
RIGHT TURN ARROW	WHITE EDGELINE (6")	3 FT-9 FT/SP WHITE MINISKIP (4")
STRAIGHT ARROW	YELLOW EDGELINE (6")	WHITE SOLID LANE LINE (4")
ALPHANUMERIC CHARACTERS	2 FT-6 FT/SP WHITE MINISKIP (4")	10 FT WHITE SKIP (6")
RAMP ARROW SYMBOL	3 FT-9 FT/SP WHITE MINISKIP (8")	3 FT-9 FT/SP WHITE MINISKIP (6")
	WHITE EDGELINE (4")	WHITE SOLID LANE LINE (6")
	YELLOW EDGELINE (4")	WHITE SOLID LANE LINE (8")

PROPOSED SIGNAL

### PAVEMENT MARKING DETAIL

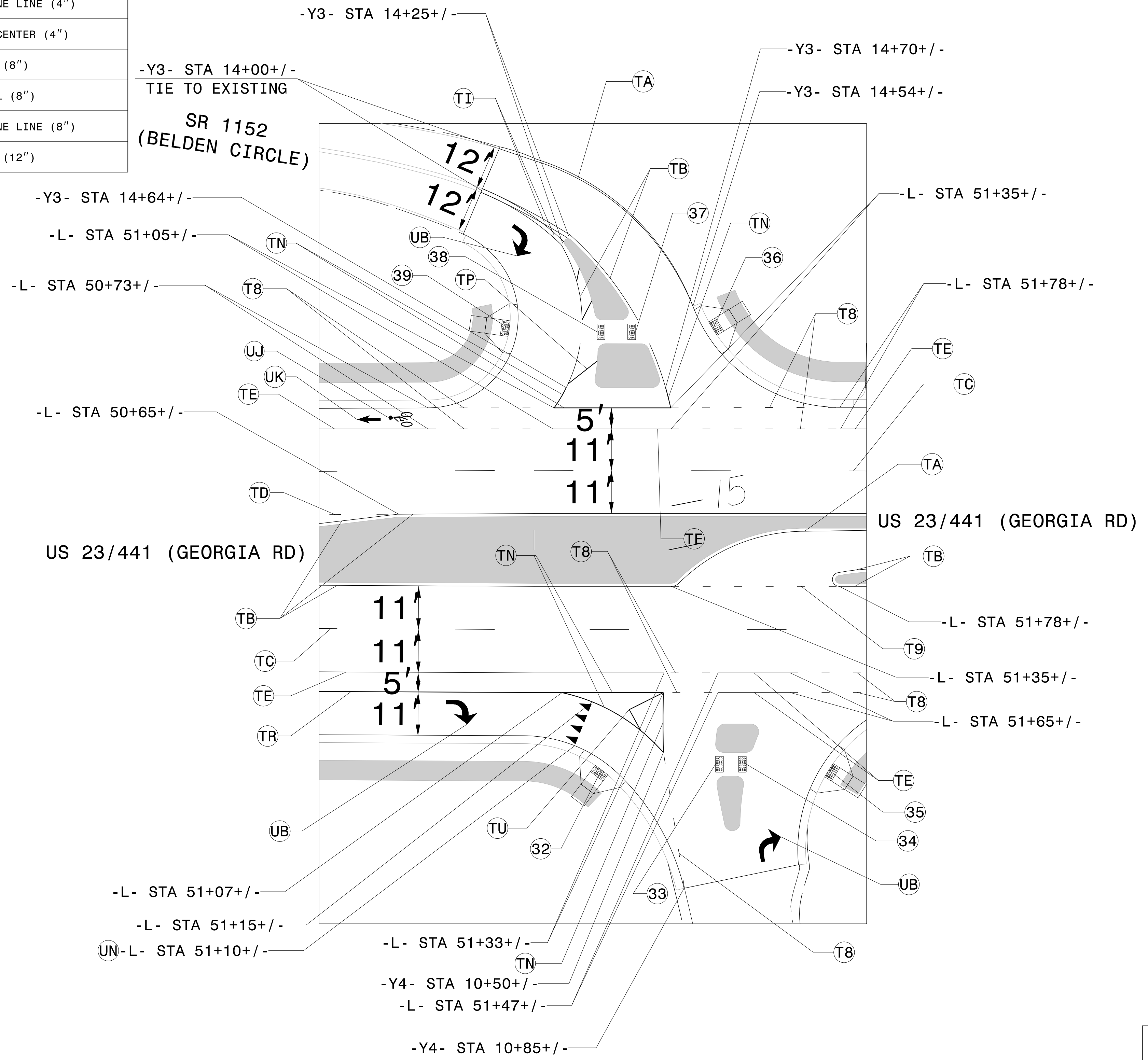
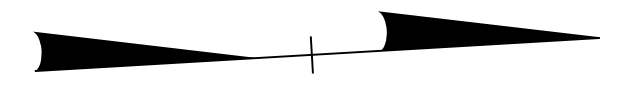
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THERMOPLASTIC PAVEMENT MARKING LEGEND	
(UB)  RIGHT TURN ARROW	(T8) 2 FT-6 FT/SP WHITE MINISKIP (4")
(UJ)  BICYCLE SYMBOL	(T9) 2 FT-6 FT/SP YELLOW MINISKIP (4")
(UK)  BICYCLE STRAIGHT ARROW	(TA) WHITE EDGELINE (4")
(UN)  24" YIELD LINE TRIANGLE	(TB) YELLOW EDGELINE (4")
	(TC) 10 FT WHITE SKIP (4")
	(TD) 3 FT-9 FT/SP WHITE MINISKIP (4")
	(TE) WHITE SOLID LANE LINE (4")
	(TI) YELLOW DOUBLE CENTER (4")
	(TN) WHITE GORELINE (8")
	(TP) YELLOW DIAGONAL (8")
	(TR) WHITE SOLID LANE LINE (8")
	(TU) WHITE DIAGONAL (12")

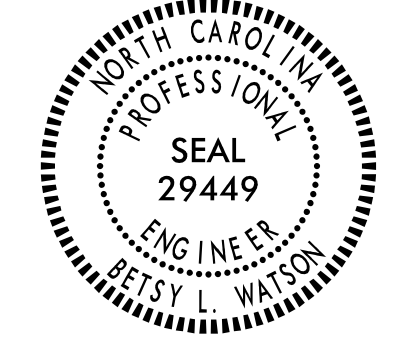

CURB RAMP STATIONS	CURB RAMP TYPE
32 -Y4- STA 10+51+/-	STANDARD
33 -Y4- STA 10+56+/-	DETECTABLE WARNING SURFACE
34 -Y4- STA 10+57+/-	DETECTABLE WARNING SURFACE
35 -Y4- STA 10+63+/-	STANDARD
36 -Y3- STA 14+34+/-	STANDARD
37 -Y3- STA 14+51+/-	DETECTABLE WARNING SURFACE
38 -Y3- STA 14+55+/-	DETECTABLE WARNING SURFACE
39 -Y5- STA 14+60+/-	STANDARD

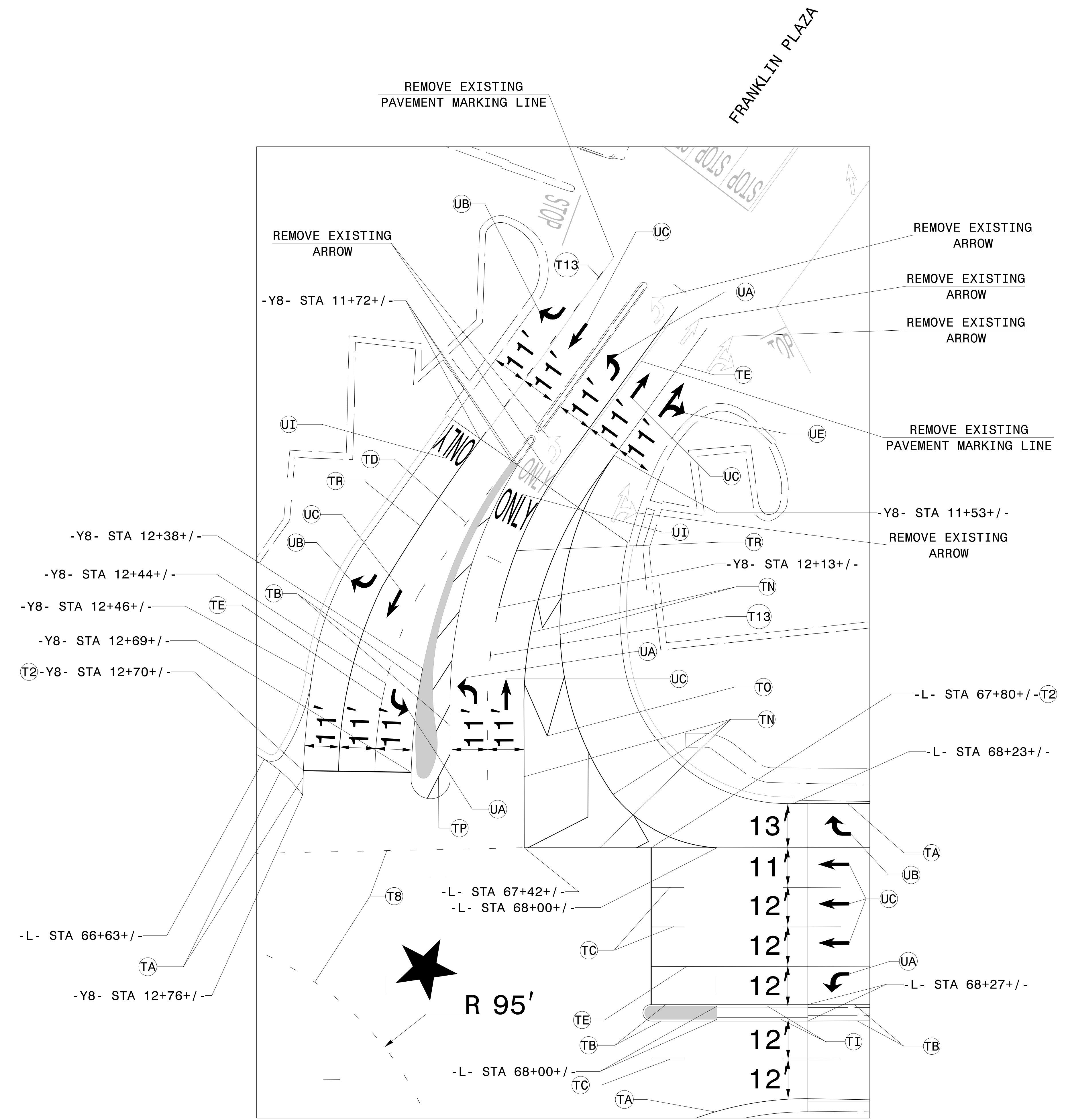
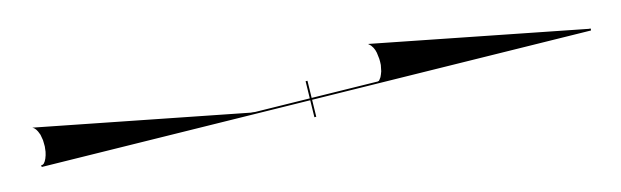
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APPROVED:	
DATE: 5/31/2018	
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PAVEMENT MARKING DETAIL

TIP NO. R-5734A	SHEET NO. PMP-9
APPROVED: <i>Betsy L. Watson</i>	
DATE: 5/31/2018	
SEAL	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
	



THERMOPLASTIC PAVEMENT MARKING LEGEND			
UA	LEFT TURN ARROW	T2	WHITE STOPBAR (24")
UB	RIGHT TURN ARROW	TB	2 FT-6 FT/SP WHITE MINISKIP (4")
UC	STRAIGHT ARROW	T13	3 FT-9 FT/SP WHITE MINISKIP (8")
UE	STRAIGHT/RIGHT ARROW	TA	WHITE EDGELINE (4")
UI	ONLY ALPHANUMERIC CHARACTERS	TB	YELLOW EDGELINE (4")
		TC	10 FT WHITE SKIP (4")
		TD	3 FT-9 FT/SP WHITE MINISKIP (4")
		TE	WHITE SOLID LANE LINE (4")
		TI	YELLOW DOUBLE CENTER (4")
		TN	WHITE GORELINE (8")
		TO	WHITE DIAGONAL (8")
		TP	YELLOW DIAGONAL (8")
		TR	WHITE SOLID LANE LINE (8")

**PAVEMENT MARKING DETAIL**

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