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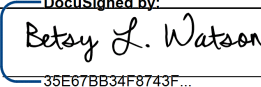
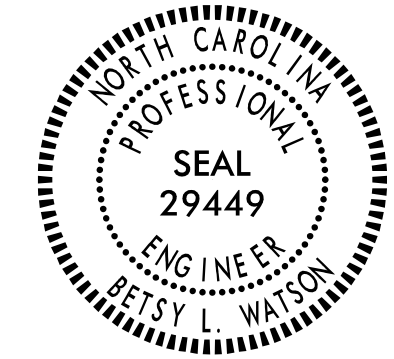
T.I.P.: U-6084

CONTRACT NO.: C204126

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
MECKLENBURG COUNTY**

**LOCATION: NC 16 (BROOKSHIRE BLVD) FROM NORTH OF
SR 2004 (MT HOLLY-HUNTERSVILLE RD) TO SOUTH OF I-485**

TIP NO. U-6084	SHEET NO. PMP - 1
Documented by:  APPROVED: _____ DATE: 1/9/2018	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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 DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
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 WITH HIGHLY REFLECTIVE MATERIALS	SNOWPLOWABLE

- 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
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
TI	YELLOW DOUBLE CENTER	(4", 120 MIL) THERMOPLASTIC
TN	WHITE GORELINE	(8", 90 MIL) THERMOPLASTIC
TQ	WHITE CROSSWALK LINE	(8", 120 MIL) THERMOPLASTIC
TP	YELLOW DIAGONAL	(8", 90 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
UI	ALPHANUMERIC CHAR	(120 MIL) THERMOPLASTIC
UP	MERGE ARROW	(90 MIL) THERMOPLASTIC
ME	YELLOW & YELLOW	SNOWPLOWABLE PAVEMENT MARKERS
MF	CRYSTAL & RED	SNOWPLOWABLE PAVEMENT MARKERS

PLAN PREPARED BY:

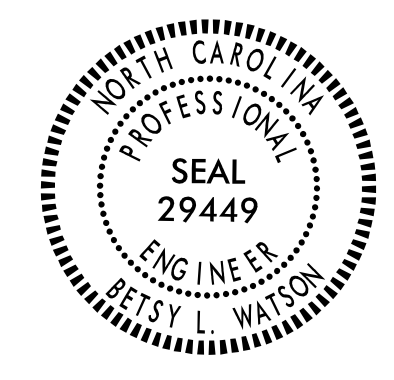

BETSY L. WATSON, P.E. SENIOR TRANSPORTATION ENGINEER
ROSI R. HENNEIN TRANSPORTATION DESIGNER

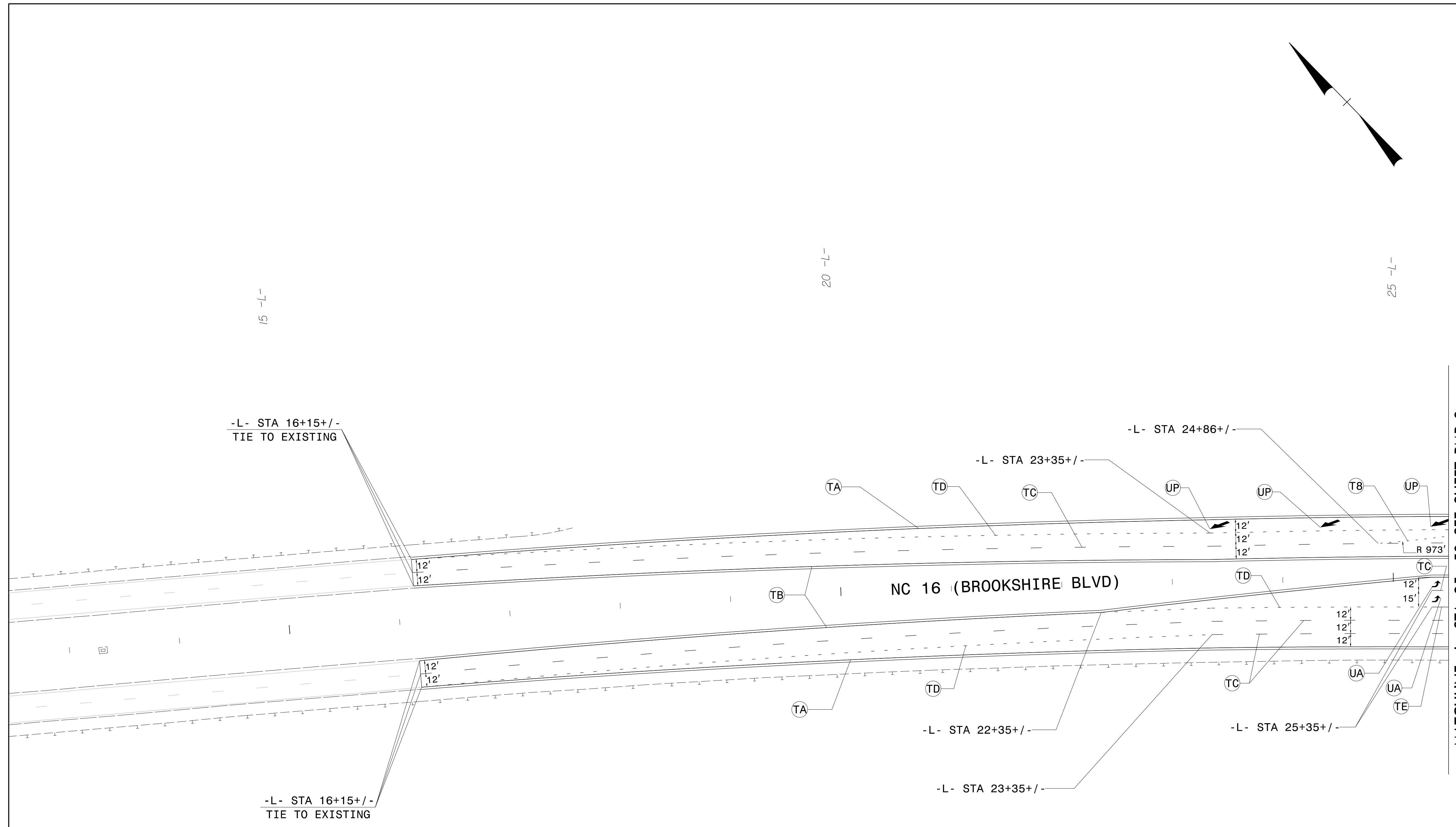
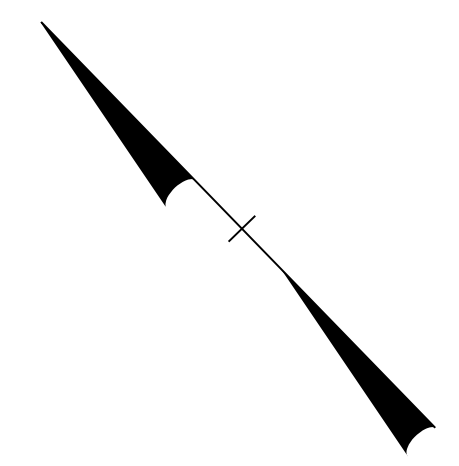



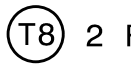



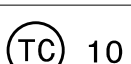
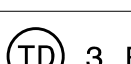

Stantec Consulting Services Inc.
 801 Jones Franklin Road
 Suite 300
 Raleigh, NC 27606
 Tel. (919) 851-6866
 Fax. (919) 851-7024
 www.stantec.com
 License No. F-0672

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-6	PAVEMENT MARKING DETAIL

TIP NO. U-6084	SHEET NO. PMP-2
APPROVED: <i>Betsy L. Watson</i>	
DATE: 1/9/2018	
SEAL	
	
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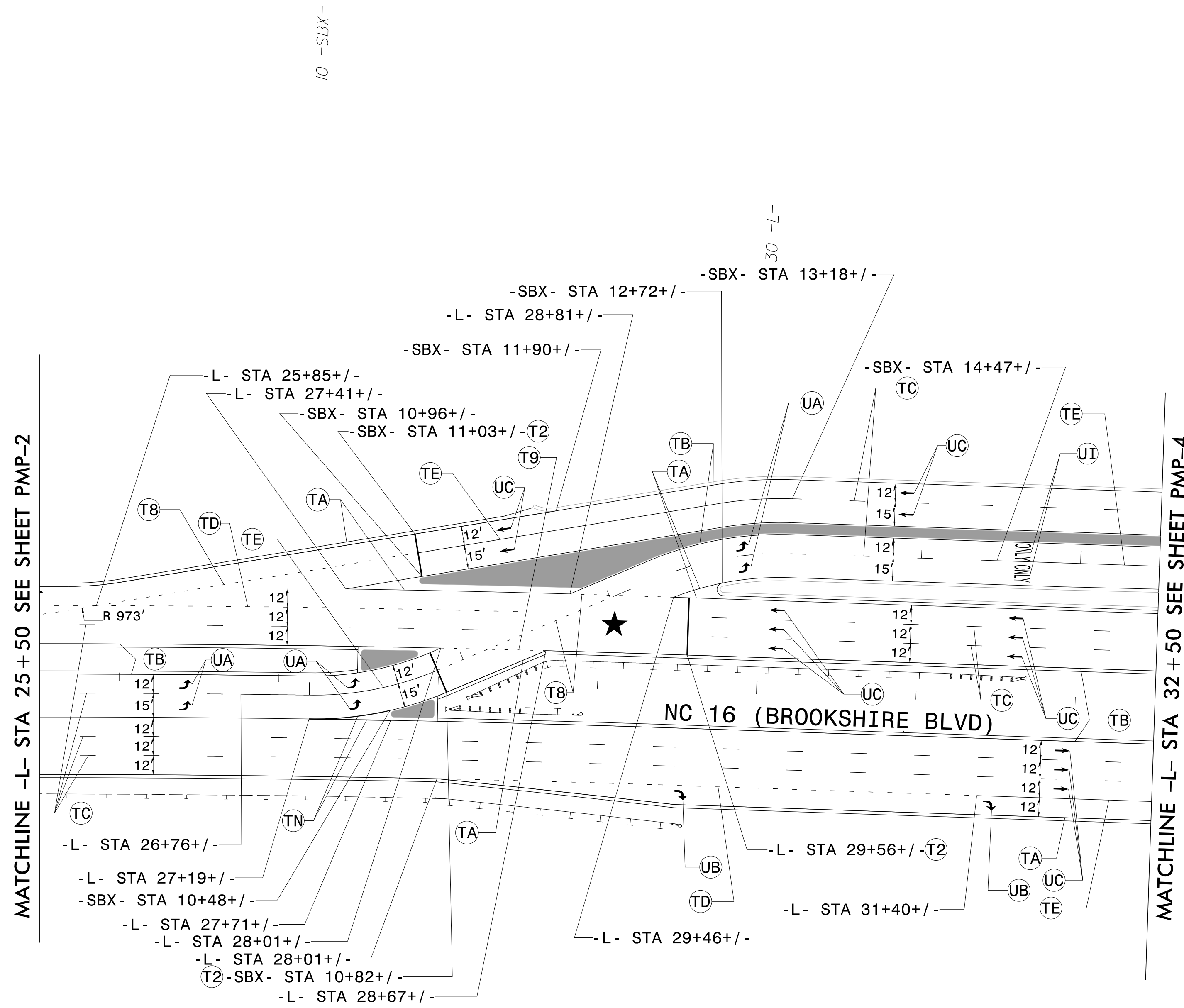
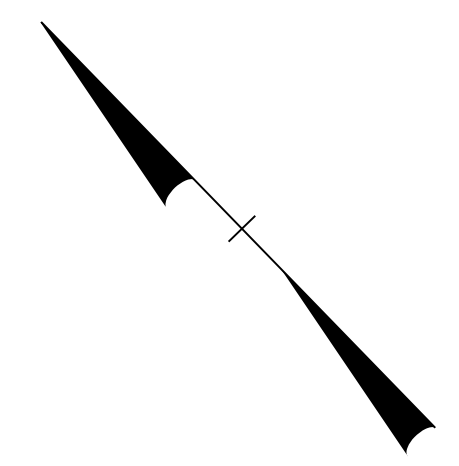


THERMOPLASTIC PAVEMENT MARKING LEGEND	
 LEFT TURN ARROW	 2 FT-6 FT/SP WHITE MINISKIP (4")
 MERGE ARROW	 WHITE EDGELINE (4")
	 YELLOW EDGELINE (4")
	 10 FT WHITE SKIP (4")
	 3 FT-9 FT/SP WHITE MINISKIP (4")
	 WHITE SOLID LANE LINE (4")

PAVEMENT MARKING DETAIL

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

TIP NO. U-6084	SHEET NO. PMP-3
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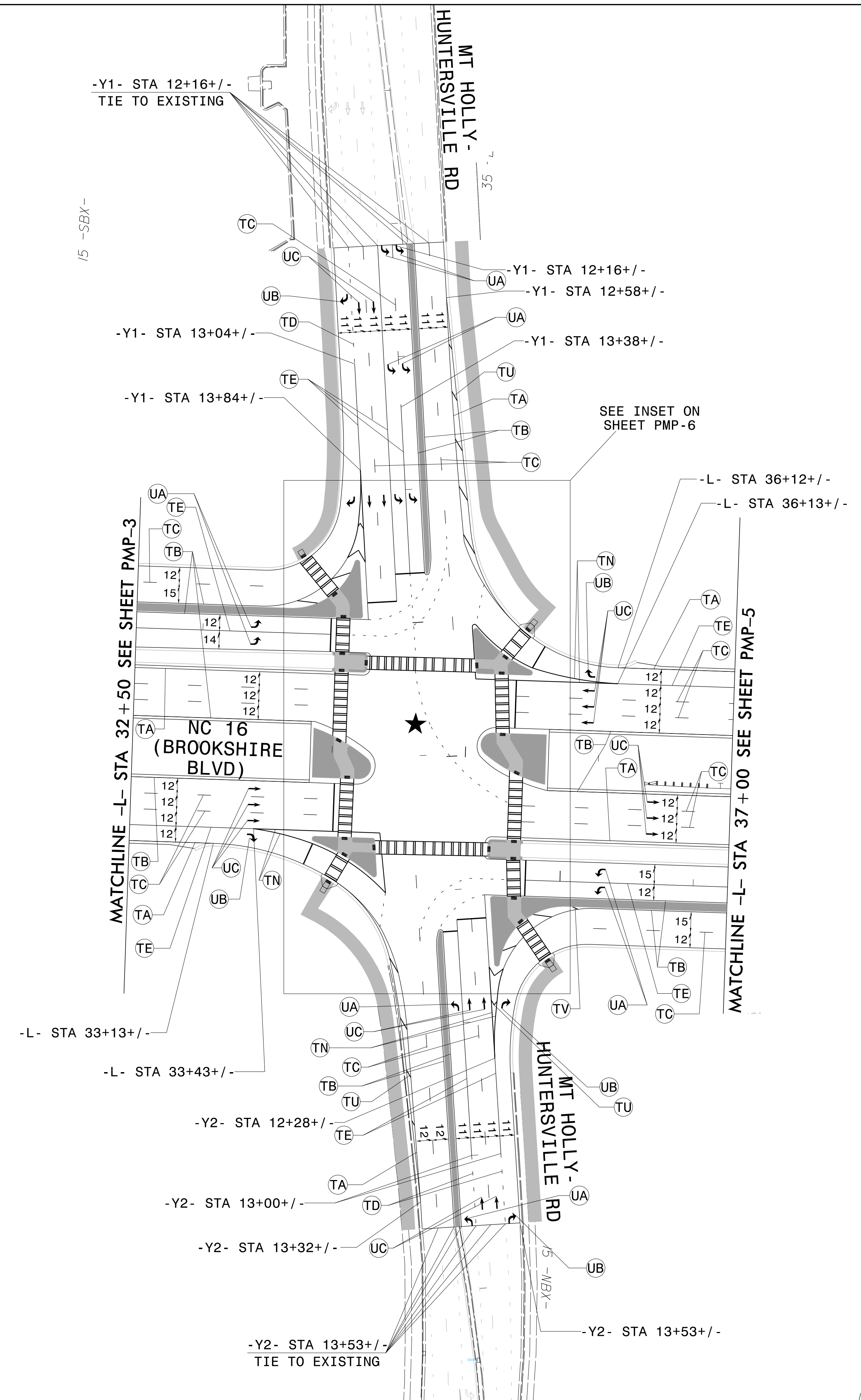
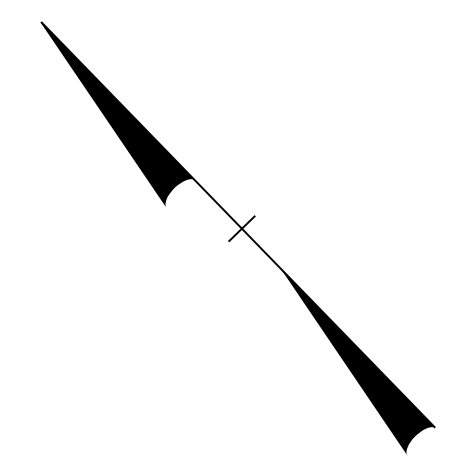
★ PROPOSED SIGNAL

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")
(UI) ONLY ALPHANUMERIC CHARACTERS	(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")
	(TN) WHITE GORELINE (8")

PAVEMENT MARKING DETAIL

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

TIP NO. U-6084	SHEET NO. PMP-4
APPROVED: <i>Betsy L. Watson</i> 35E97B34F8743F	
DATE: 1/9/2018	
SEAL	
	
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★ PROPOSED SIGNAL

THERMOPLASTIC PAVEMENT MARKING LEGEND	
UA ↶ LEFT TURN ARROW	TA WHITE EDGELINE (4")
UB ↷ RIGHT TURN ARROW	TB YELLOW EDGELINE (4")
UC ↑ STRAIGHT ARROW	TC 10 FT WHITE SKIP (4")
	TD 3 FT-9 FT/SP WHITE MINISKIP (4")
	TE WHITE SOLID LANE LINE (4")
	TN WHITE GORELINE (8")
	TU WHITE DIAGONAL (12")
	TV YELLOW DIAGONAL (12")

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

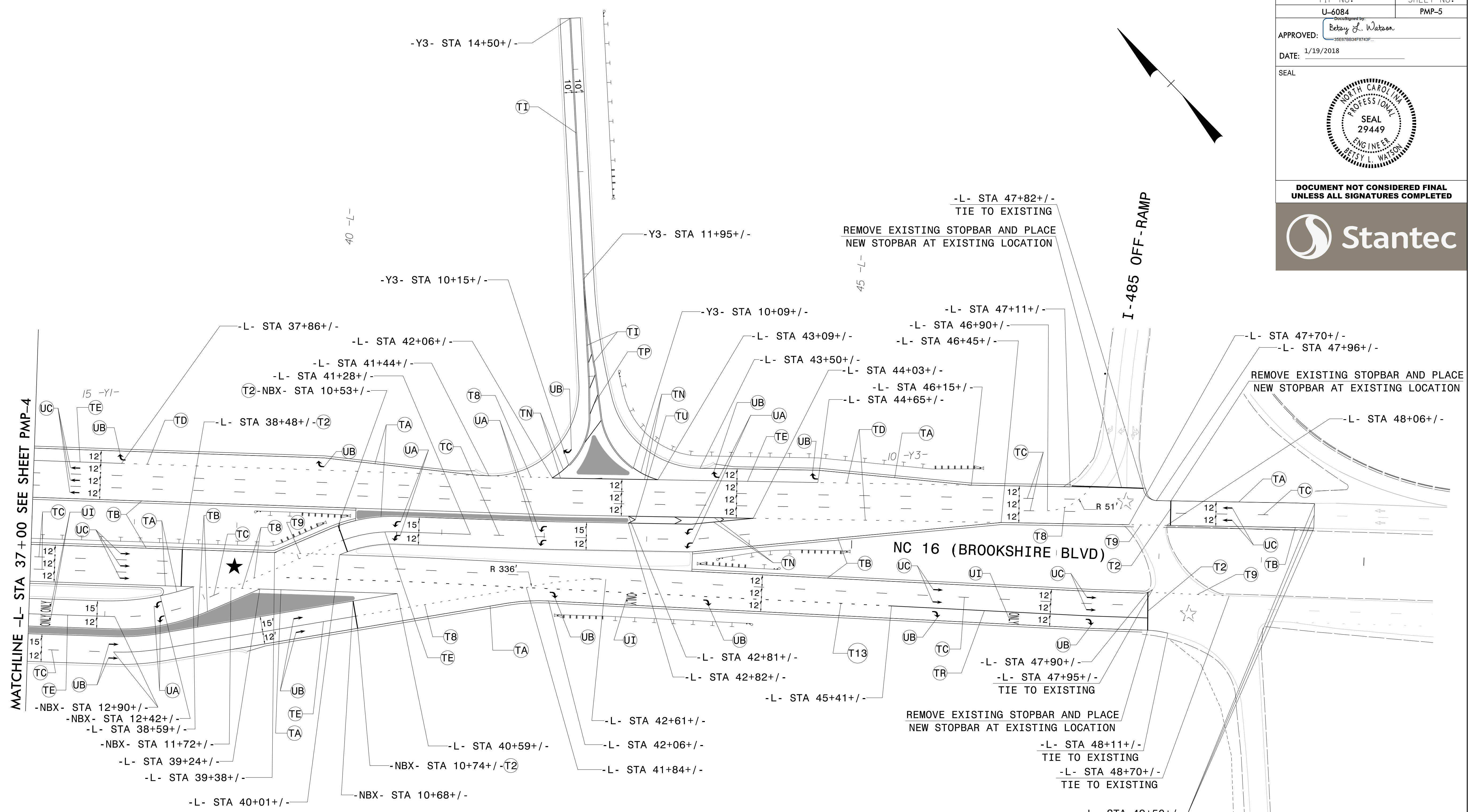
15 -Y2-

PAVEMENT MARKING DETAIL

TIP NO. U-6084	SHEET NO. PMP-5
APPROVED: <i>Betsy L. Watson</i>	
DATE: 1/19/2018	
SEAL	



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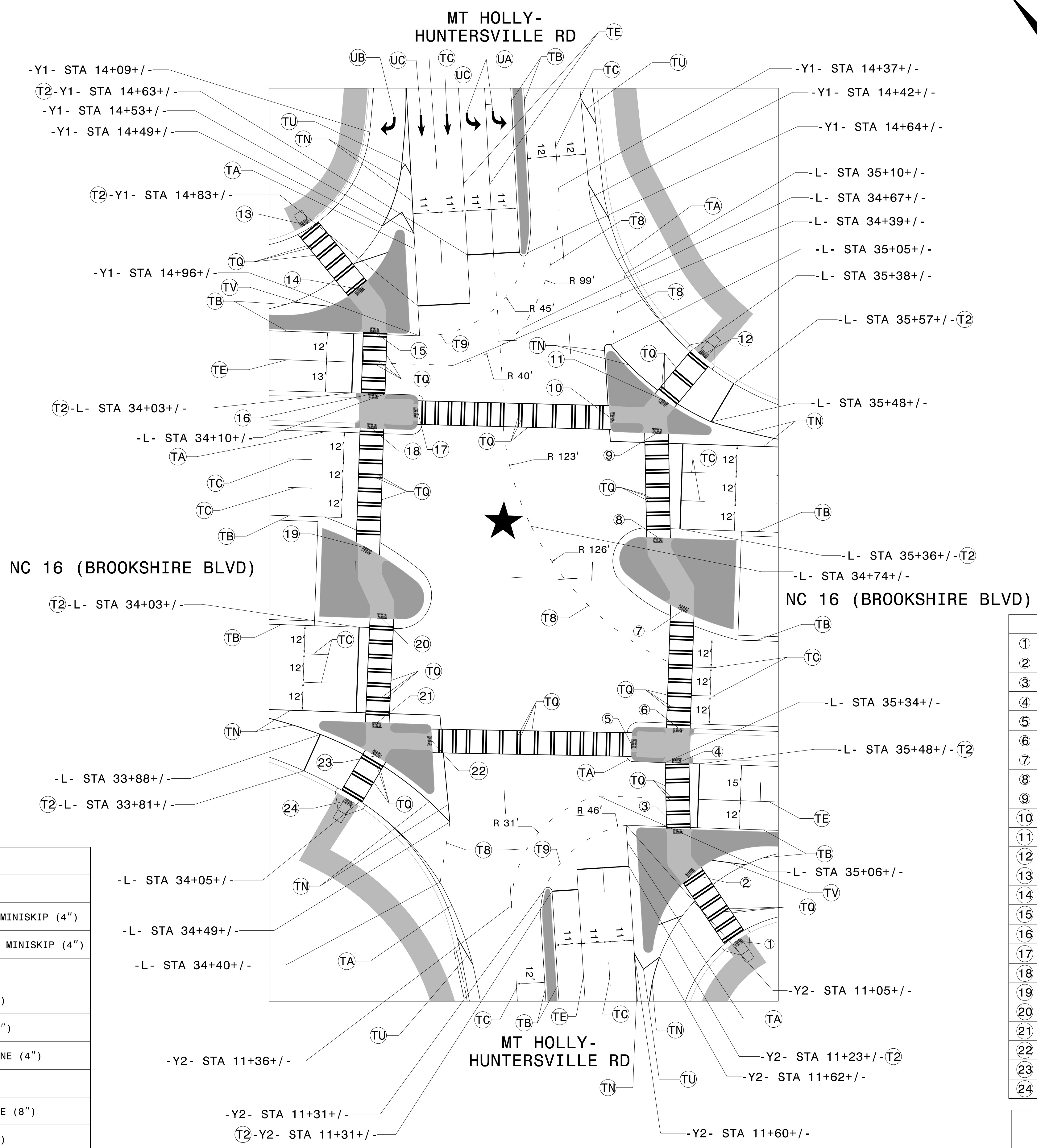
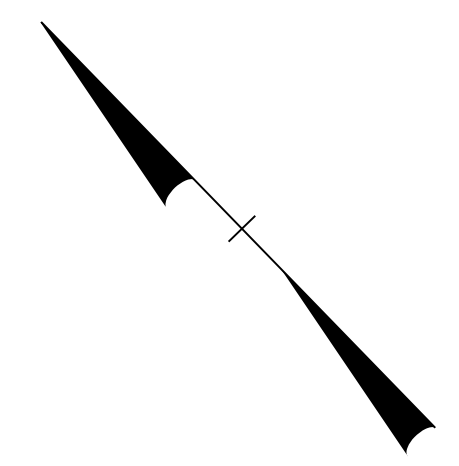
★ PROPOSED SIGNAL ☆ EXISTING SIGNAL

THERMOPLASTIC PAVEMENT MARKING LEGEND		
UA LEFT TURN ARROW	T2 WHITE STOPBAR (24")	TD 3 FT-9 FT/SP WHITE MINISKIP (4")
UB RIGHT TURN ARROW	T8 2 FT-6 FT/SP WHITE MINISKIP (4")	TE WHITE SOLID LANE LINE (4")
UC STRAIGHT ARROW	T9 2 FT-6 FT/SP YELLOW MINISKIP (4")	TI YELLOW DOUBLE CENTER (4")
UI ONLY ALPHANUMERIC CHARACTERS	T13 3 FT-9 FT/SP WHITE MINISKIP (8")	TN WHITE GORELINE (8")
	TA WHITE EDGELINE (4")	TP YELLOW DIAGONAL (8")
	TB YELLOW EDGELINE (4")	TR WHITE SOLID LANE LINE (8")
	TC 10 FT WHITE SKIP (4")	TU WHITE DIAGONAL (12")

PAVEMENT MARKING DETAIL

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

TIP NO. U-6084	SHEET NO. PMP-6
APPROVED: <i>Betsy L. Watson</i> 35E97B34F8743F	
DATE: 1/9/2018	
SEAL	
	
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★ PROPOSED SIGNAL

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")
		TA	WHITE EDGELINE (4")
		TB	YELLOW EDGELINE (4")
		TC	10 FT WHITE SKIP (4")
		TE	WHITE SOLID LANE LINE (4")
		TN	WHITE GORELINE (8")
		TQ	WHITE CROSSWALK LINE (8")
		TU	WHITE DIAGONAL (12")
		TV	YELLOW DIAGONAL (12")

	CURB RAMP STATIONS	CURB RAMP TYPE
①	-Y2- STA 11+57+/-	STANDARD
②	-Y2- STA 11+28+/-	DETECTABLE WARNING SURFACE
③	-L- STA 35+40+/-	DETECTABLE WARNING SURFACE
④	-L- STA 35+39+/-	DETECTABLE WARNING SURFACE
⑤	-L- STA 35+19+/-	DETECTABLE WARNING SURFACE
⑥	-L- STA 35+39+/-	DETECTABLE WARNING SURFACE
⑦	-L- STA 35+39+/-	DETECTABLE WARNING SURFACE
⑧	-L- STA 35+28+/-	DETECTABLE WARNING SURFACE
⑨	-L- STA 35+25+/-	DETECTABLE WARNING SURFACE
⑩	-L- STA 35+05+/-	DETECTABLE WARNING SURFACE
⑪	-Y1- STA 15+29+/-	DETECTABLE WARNING SURFACE
⑫	-Y1- STA 15+11+/-	STANDARD
⑬	-Y1- STA 14+47+/-	TYPE 1A
⑭	-Y1- STA 14+75+/-	DETECTABLE WARNING SURFACE
⑮	-L- STA 34+05+/-	DETECTABLE WARNING SURFACE
⑯	-L- STA 34+05+/-	DETECTABLE WARNING SURFACE
⑰	-L- STA 34+24+/-	DETECTABLE WARNING SURFACE
⑱	-L- STA 34+05+/-	DETECTABLE WARNING SURFACE
⑲	-L- STA 34+05+/-	DETECTABLE WARNING SURFACE
⑳	-L- STA 34+12+/-	DETECTABLE WARNING SURFACE
㉑	-L- STA 34+11+/-	DETECTABLE WARNING SURFACE
㉒	-L- STA 34+35+/-	DETECTABLE WARNING SURFACE
㉓	-L- STA 34+11+/-	DETECTABLE WARNING SURFACE
㉔	-L- STA 34+01+/-	STANDARD

\$\$\$SYTIME\$\$\$\$
 \$\$\$DGN\$\$\$\$
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INSET