

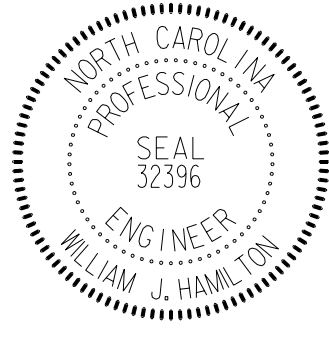
T.I.P.: I-5878

CONTRACT NO.:

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
HARNETT COUNTY**

**LOCATION: I-95 FROM US 421 (E. CUMBERLAND ST.)
(EXIT 73) TO POPE ROAD (EXIT 72).**

<small>TIP NO.</small> I - 5878	<small>SHEET NO.</small> PMP - 1
<small>APPROVED:</small> <i>William J. Hamilton</i> <small>ASPECTOR/REGISTERED</small>	
<small>DATE:</small> 3/15/2021	
	
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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 JANUARY 2018 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 - DIVIDED AND UNDIVIDED ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
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 AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1262.02	PLACEMENT OF OBJECT MARKERS
1267.01	FLEXIBLE DELINEATORS - INSTALLATION
1267.02	FLEXIBLE DELINEATORS - SPACING TABLES
1267.03	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

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>
I-95	THERMOPLASTIC	SNOWPLOWABLE
Y-LINES	THERMOPLASTIC	RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

PLANS PREPARED BY: Ramey Kemp Associates

W. JASON HAMILTON, P.E., PTOE PROJECT MANAGER
TIMOTHY S. POPELKA, P.E. PROJECT ENGINEER



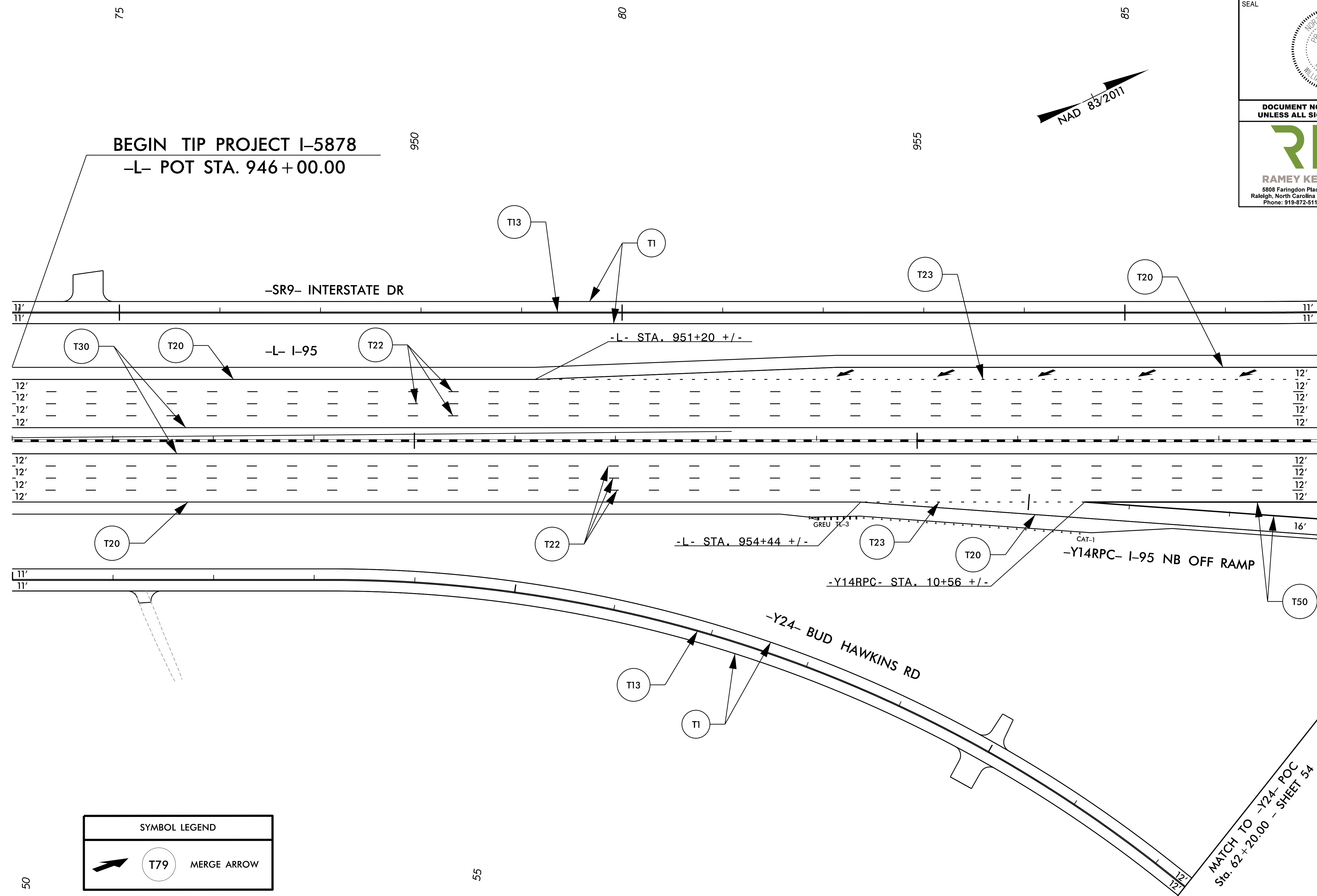
PAVEMENT MARKING SCHEDULE

<u>SYMBOL</u>	<u>DESCRIPTION</u>
THERMOPLASTIC (4", 90 MILS)	
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	10 FT. WHITE SKIP
T4	3 FT. - 9 FT./SP WHITE MINISKIP
T5	2 FT. - 6 FT./SP WHITE MINISKIP
T10	YELLOW EDGELINE
T11	YELLOW SINGLE CENTER
T12	10 FT. YELLOW SKIP
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (6", 90 MILS)	
T20	WHITE EDGELINE
T21	WHITE SOLID LANE LINE
T22	10 FT. WHITE SKIP
T23	3 FT. - 9 FT./SP WHITE MINISKIP
T30	YELLOW EDGELINE
THERMOPLASTIC (8", 90 MILS)	
T40	WHITE GORELINE
T42	YELLOW DIAGONAL
T46	WHITE CROSSWALK LINE
THERMOPLASTIC (12", 90 MILS)	
T50	WHITE GORELINE
T55	3 FT. - 3 FT./SP WHITE MINISKIP
THERMOPLASTIC (24", 90 MILS)	
T61	WHITE STOPBAR
T62	CROSSWALK LINE
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T74	COMBO. RIGHT/STRAIGHT ARROW
T79	MERGE ARROW
T80	WRONG WAY RAMP ARROW
T100	ALPHANUMERIC CHAR.
T103	24" YIELD TRIANGLE
POLYUREA (4")	
V1	WHITE EDGELINE
V2	WHITE SOLID LANE LINE
V3	10 FT. WHITE SKIP
V4	3 FT. - 9 FT./SP WHITE MINISKIP
V10	YELLOW EDGELINE

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
PMP - 1	PAVEMENT MARKING PLAN COVER SHEET AND PAVEMENT MARKING SCHEDULE
PMP - 16 - 22	PAVEMENT MARKING DETAILS
PMP - 54 - 58	PAVEMENT MARKING DETAILS



TIP NO.	SHEET NO.
I - 5878	PMP - 16
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
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<small>5808 Farrington Place Raleigh, North Carolina 27609 Phone: 919-872-5115</small>	
<small>NC License No. C-0910 www.rameykemp.com</small>	

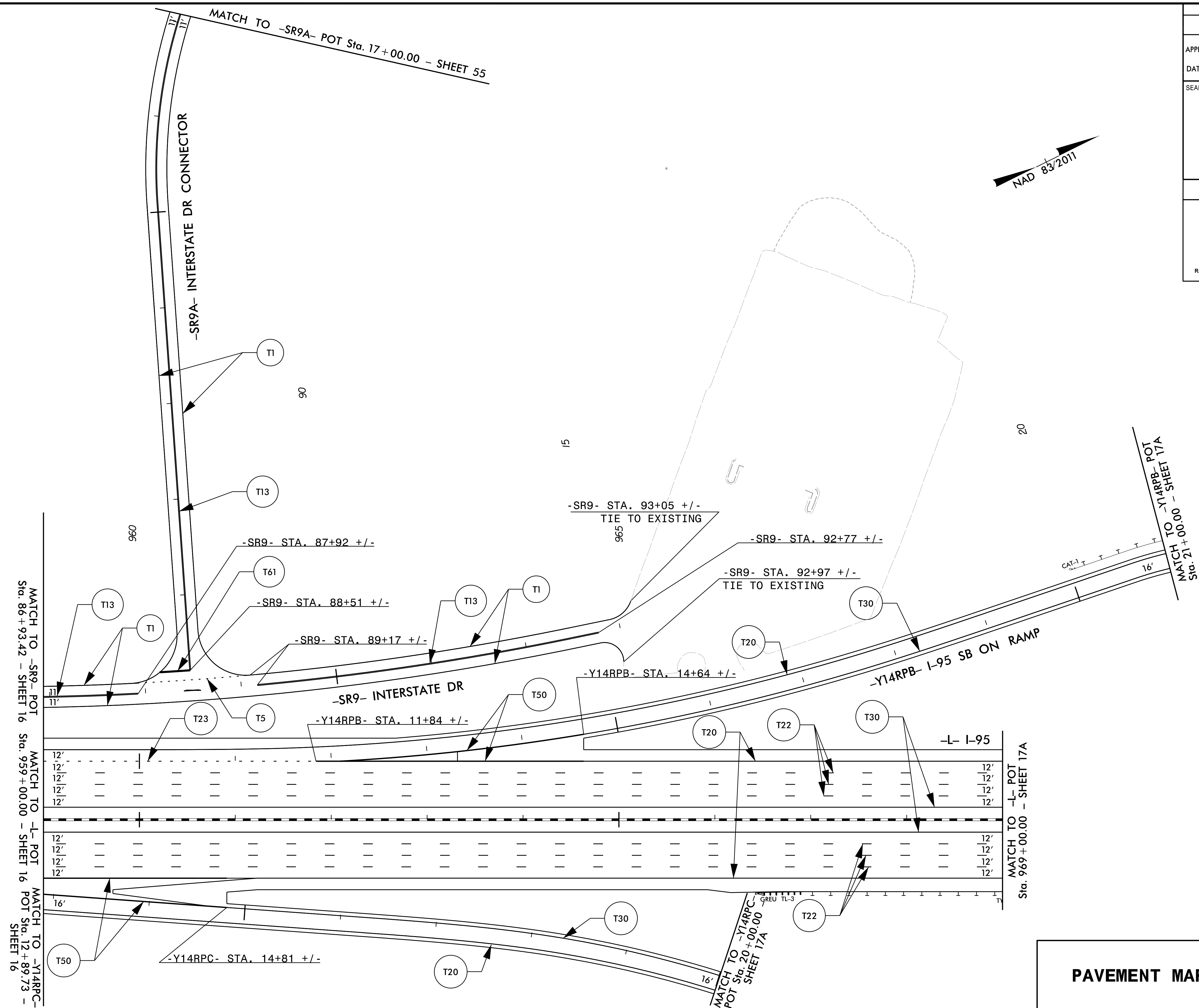


SYMBOL LEGEND	
	T79 MERGE ARROW

3/15/2021 11:15:18 AM PMP-16.dgn
 User: J.Wendt



PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
I-5878	PMP-17
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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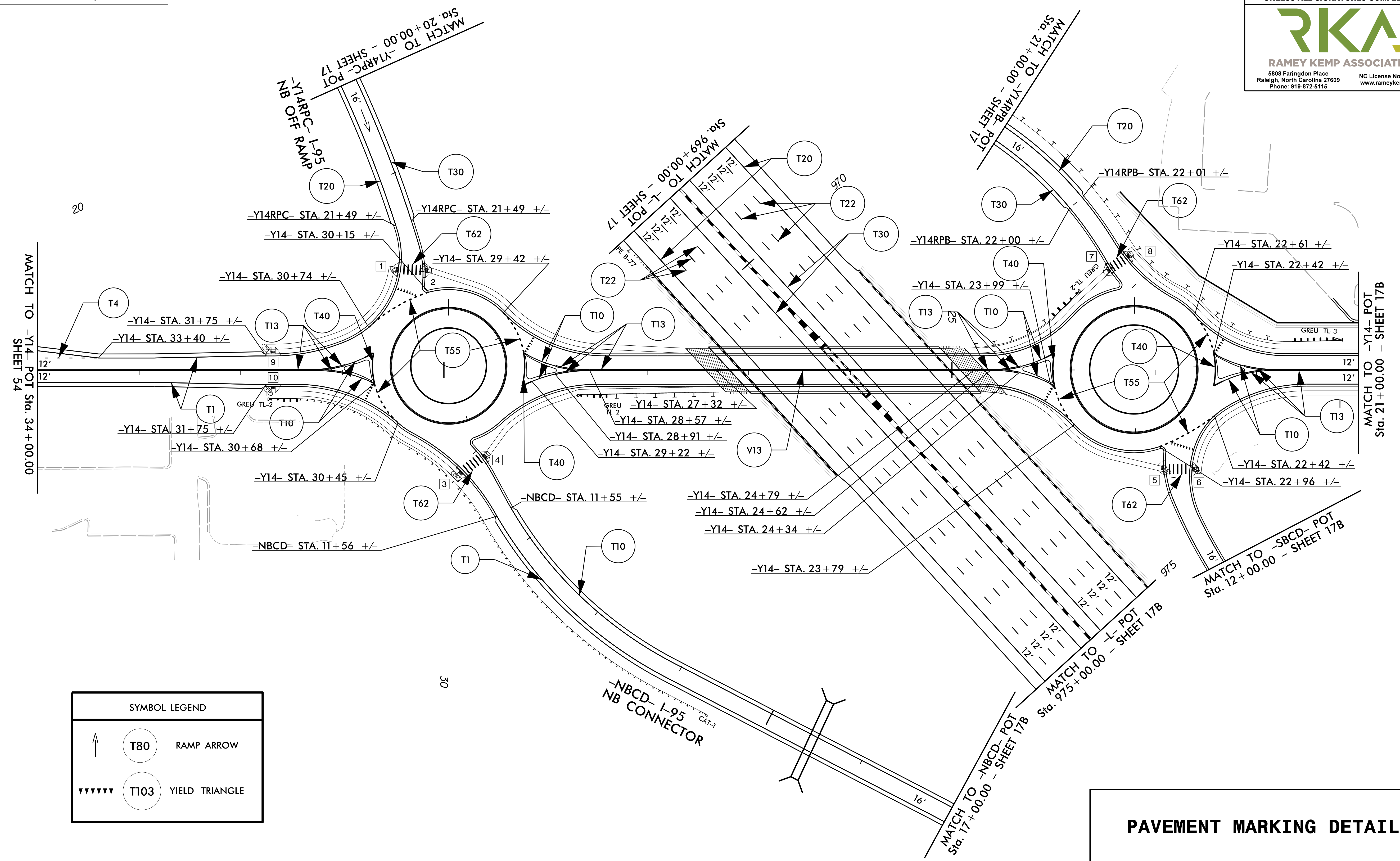
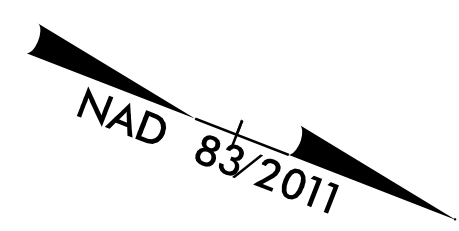




PAVEMENT MARKING DETAIL

3/15/2021
I:\15878_PMP-17.dgn
User: J.Wendt

TIP NO.	SHEET NO.
I - 5878	PMP-17A
Designed by: <i>William J. Hamilton</i> APPROVED: <i>William J. Hamilton</i> <small>Professional Engineer License No. 32396</small>	
DATE: 3/15/2021	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 RAMEY KEMP ASSOCIATES <small>5808 Faringdon Place Raleigh, North Carolina 27609 Phone: 919-872-5115</small>	

CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-Y14- STA. 30+44.68, 99.00' RT
2	-Y14- STA. 30+18.66, 98.25' RT
3	-Y14- STA. 29+82.38, 100.37' LT
4	-Y14- STA. 29+60.80, 85.56' LT
5	-Y14- STA. 22+91.58, 96.30' LT
6	-Y14- STA. 22+63.78, 97.48' LT
7	-Y14- STA. 23+44.80, 98.76' RT
8	-Y14- STA. 23+27.27, 111.01' RT
9	-Y14- STA. 31+75.00, 20.50' RT
10	-Y14- STA. 31+75.00, 20.45' LT

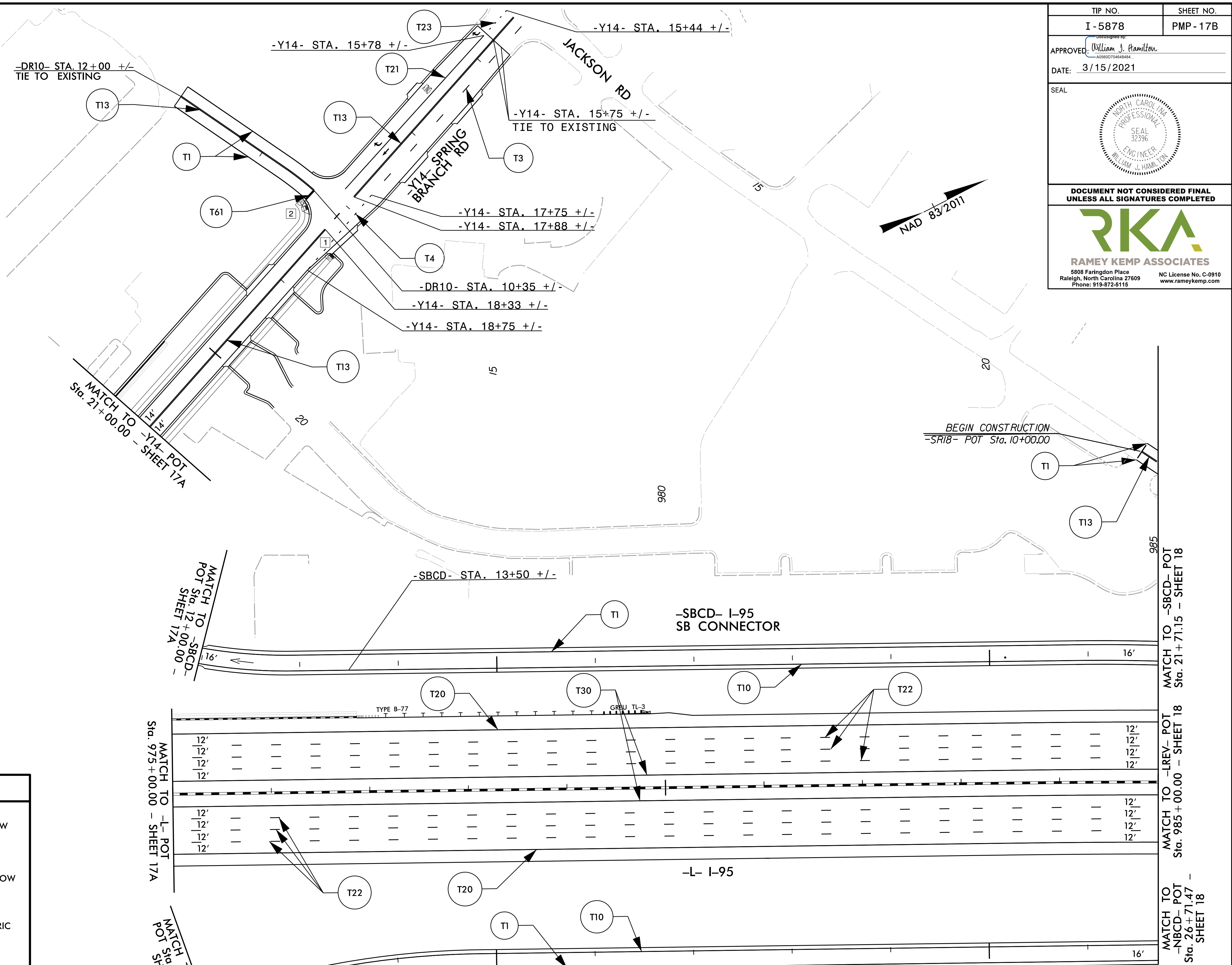


SYMBOL LEGEND	
	T80 RAMP ARROW
	T103 YIELD TRIANGLE

PAVEMENT MARKING DETAIL

3/19/2021 11:58:78 PMP-17A.dgn
User: tpope@rka

CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-Y14- STA. 18+46.50, 23.14' LT
2	-Y14- STA. 18+26.73, 28.19' RT





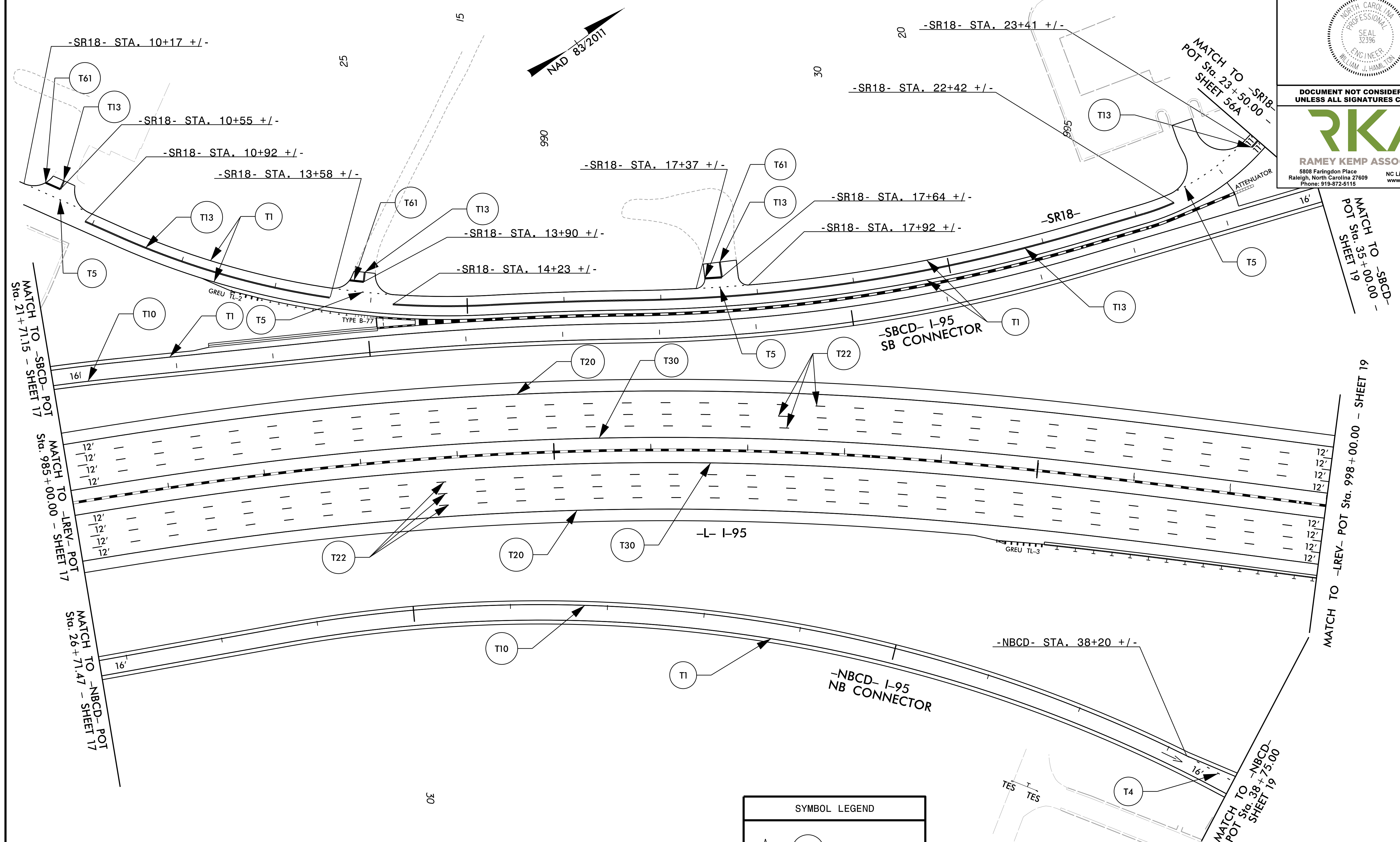
SYMBOL LEGEND	
	T71 RIGHT ARROW
	T72 STRAIGHT ARROW
	T100 ALPHANUMERIC CHAR.
	T80 RAMP ARROW


TIP NO. I-5878	SHEET NO. PMP-17B
APPROVED: <i>William J. Hamilton</i> AS0007048844	
DATE: 3/15/2021	
SEAL 	
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3/19/2021
 I:\15878_PMP-17B.dgn
 User: tpope@rka

PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
I - 5878	PMP - 18
APPROVED: <i>William J. Hamilton</i> AUG0007048484	
DATE: 3/15/2021	
SEAL 	
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SYMBOL LEGEND	
	T80 RAMP ARROW

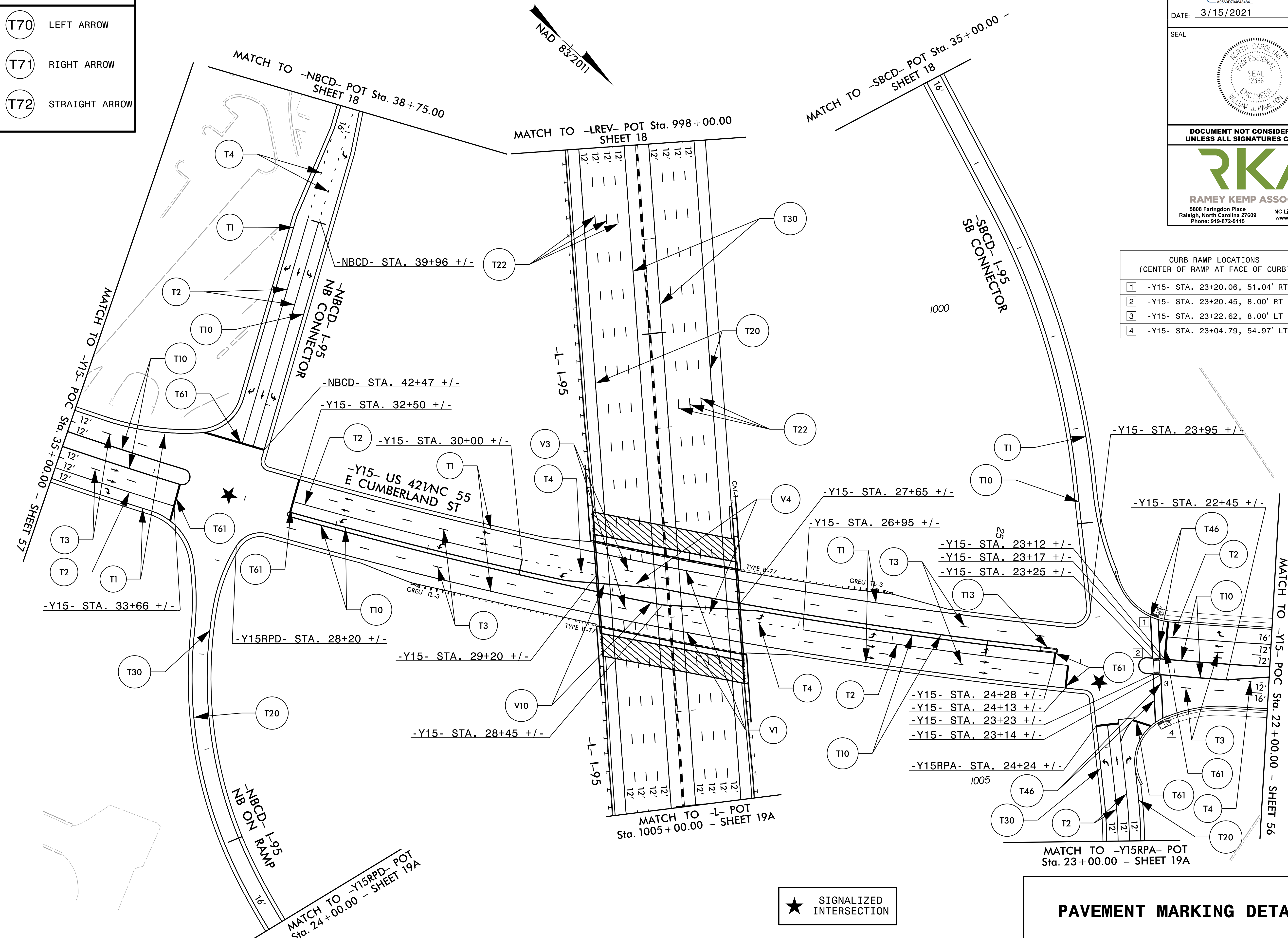
PAVEMENT MARKING DETAIL

3/15/2021
 I:\15878_PMP-18.dgn
 User: Jwendt

TIP NO.	SHEET NO.
I - 5878	PMP - 19
APPROVED	<i>William J. Hamilton</i>
DATE:	3/15/2021
SEAL	
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SYMBOL LEGEND

	T70	LEFT ARROW
	T71	RIGHT ARROW
	T72	STRAIGHT ARROW



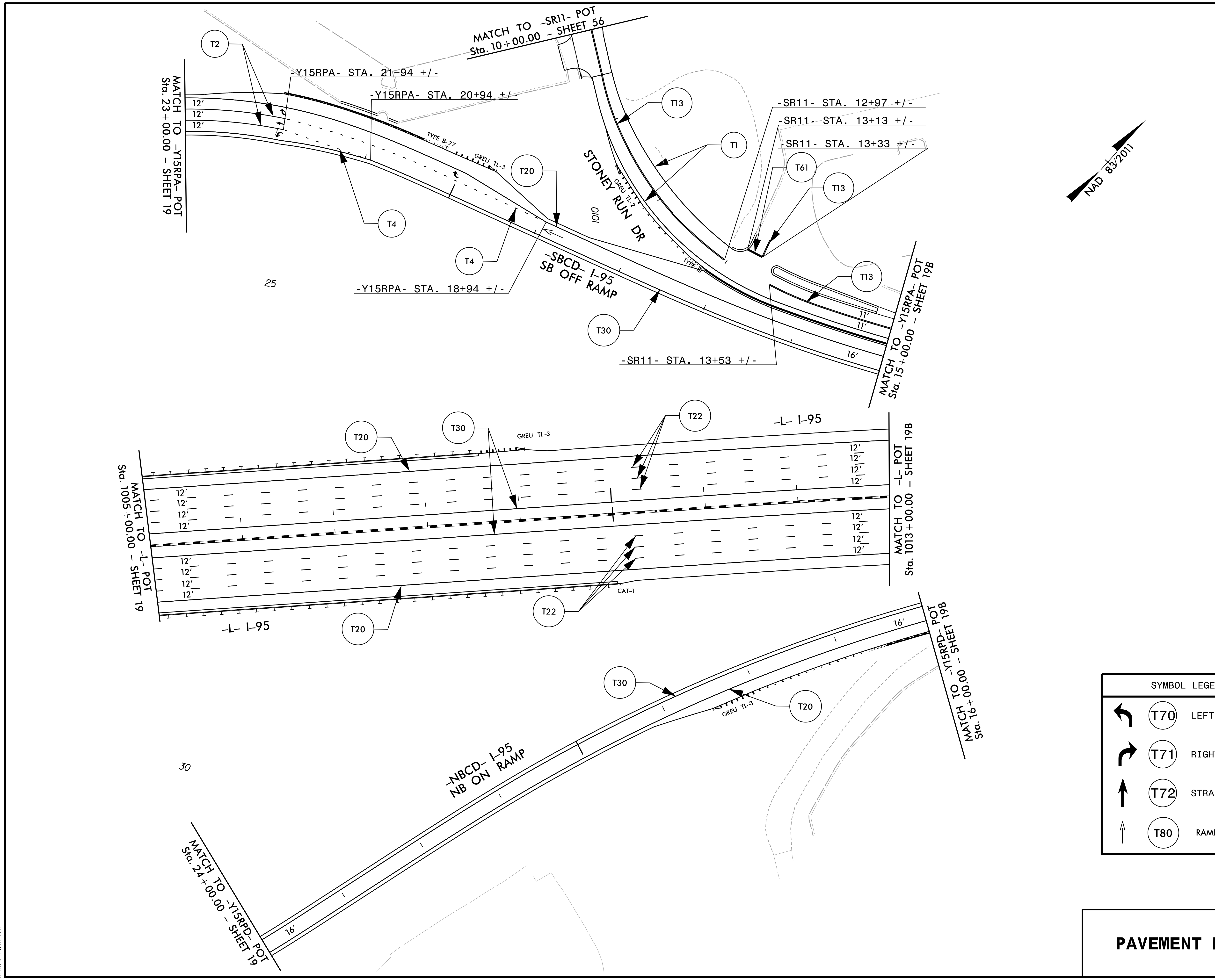
**CURB RAMP LOCATIONS
(CENTER OF RAMP AT FACE OF CURB)**

1	-Y15- STA. 23+20.06, 51.04' RT
2	-Y15- STA. 23+20.45, 8.00' RT
3	-Y15- STA. 23+22.62, 8.00' LT
4	-Y15- STA. 23+04.79, 54.97' LT

SIGNALIZED INTERSECTION

PAVEMENT MARKING DETAIL



TIP NO.	SHEET NO.
I - 5878	PMP - 19A
APPROVED <i>William J. Hamilton</i> Professional Engineer No. 32396	
DATE: 3/15/2021	
SEAL	
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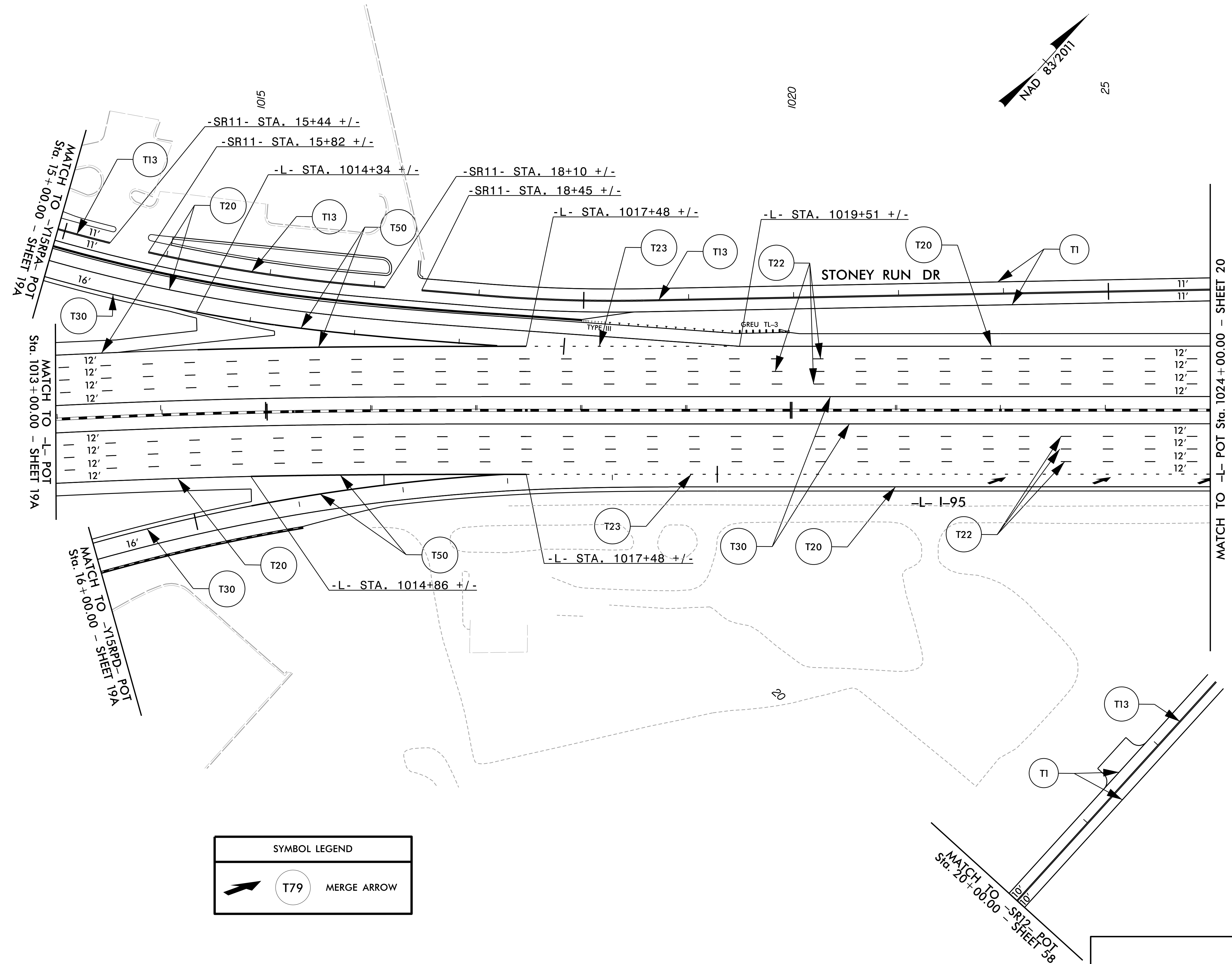



SYMBOL LEGEND	
	T70 LEFT ARROW
	T71 RIGHT ARROW
	T72 STRAIGHT ARROW
	T80 RAMP ARROW

PAVEMENT MARKING DETAIL

3/15/2021
 I:\15878_PMP-19A.dgn
 User: Jwendt



TIP NO.	SHEET NO.
I - 5878	PMP - 19B
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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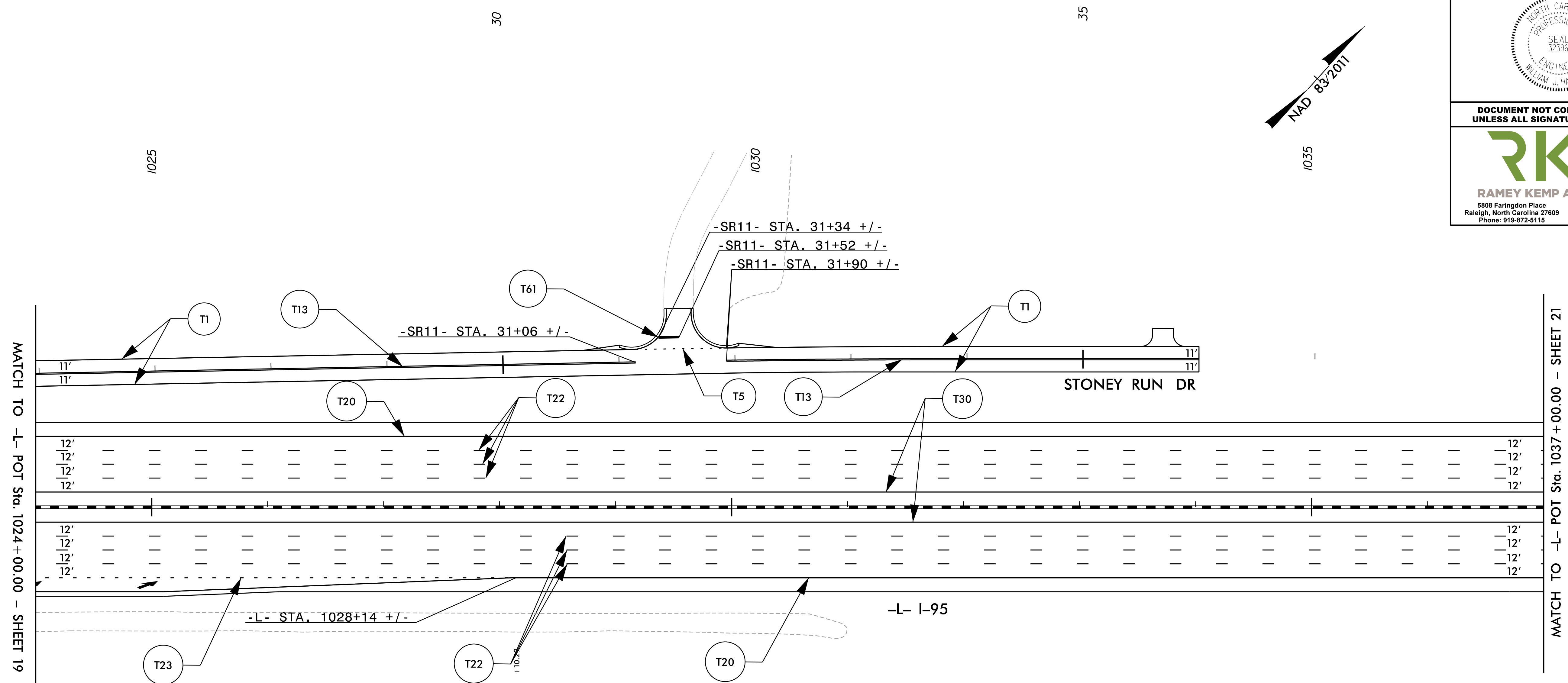



SYMBOL LEGEND	
	T79 MERGE ARROW

PAVEMENT MARKING DETAIL



3/15/2021
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User: J.Wendt

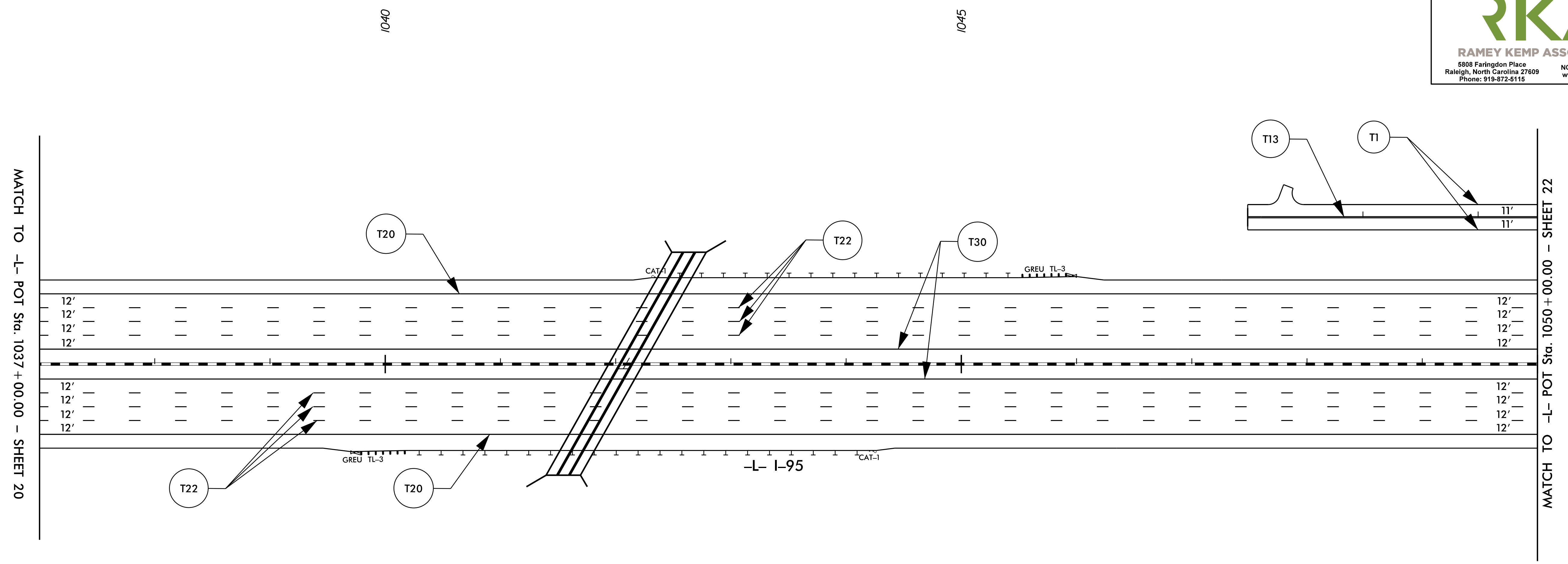
TIP NO.	SHEET NO.
I - 5878	PMP - 20
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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SYMBOL LEGEND	
	T79 MERGE ARROW

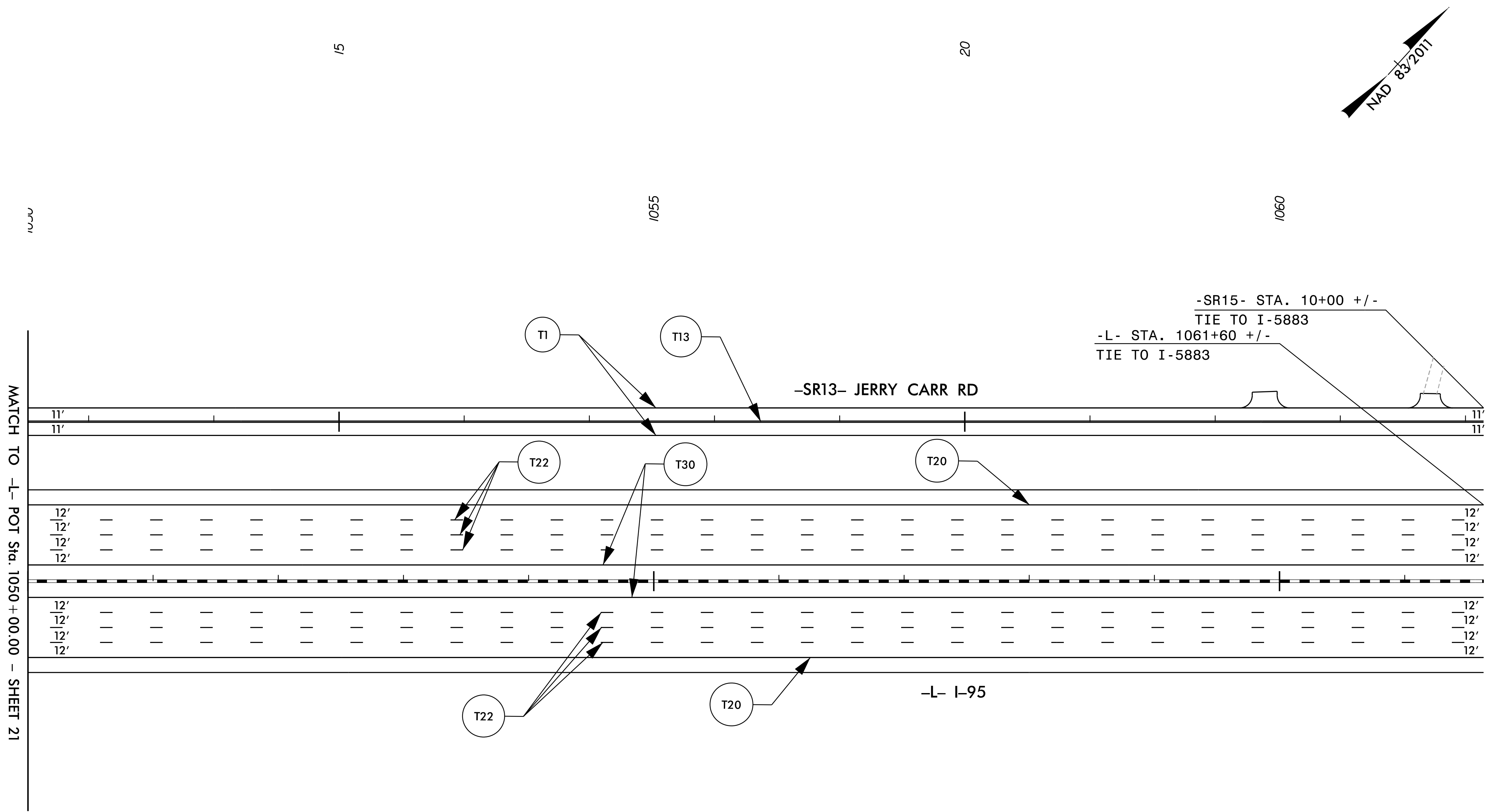
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TIP NO.	SHEET NO.
I - 5878	PMP - 21
APPROVED: <i>William J. Hamilton</i> 3/15/2021	
DATE: 3/15/2021	
SEAL	
	
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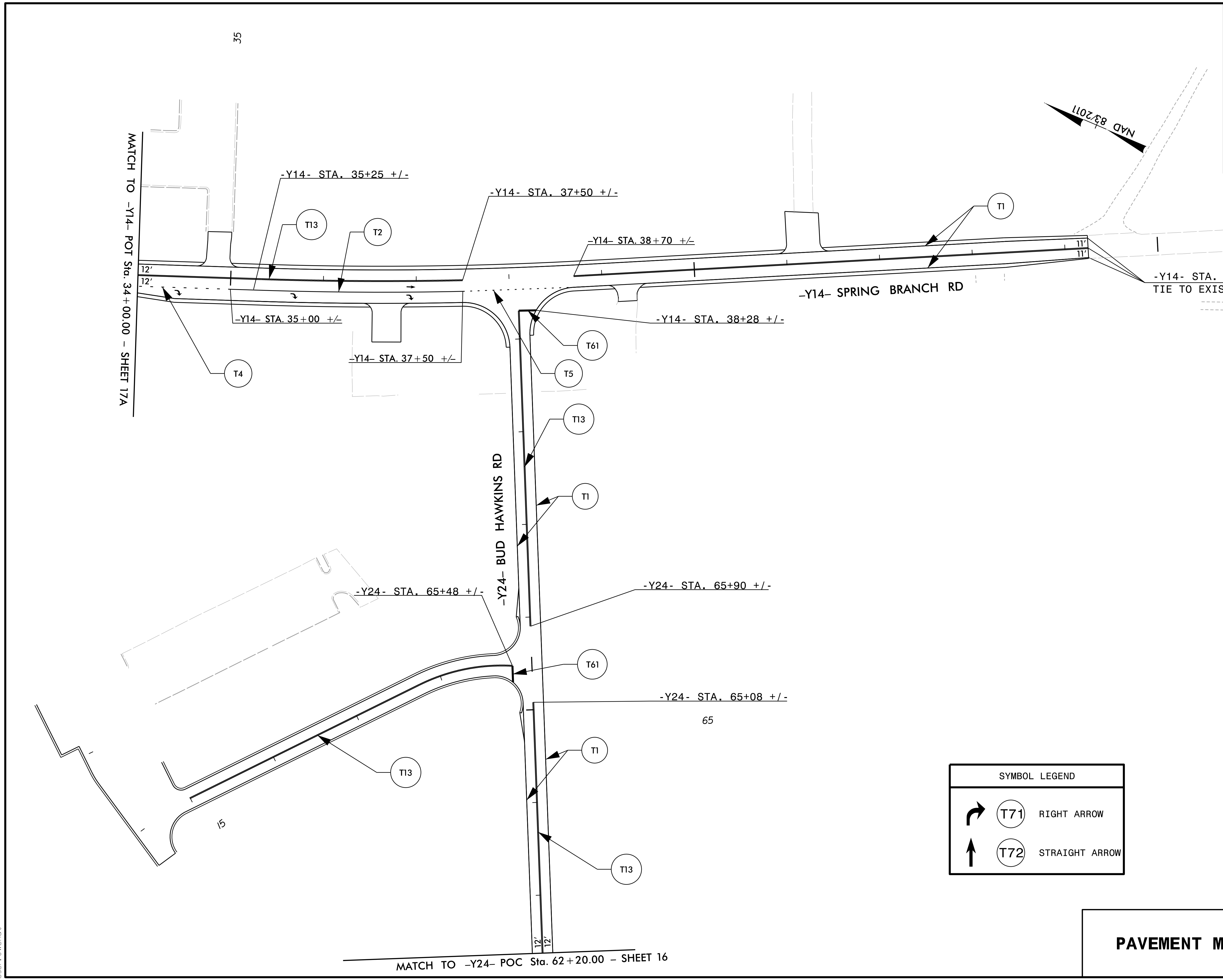
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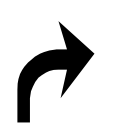
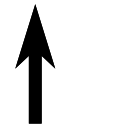
TIP NO.	SHEET NO.
I - 5878	PMP - 22
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
I-5878	PMP-54
APPROVED <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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SYMBOL LEGEND	
	(T71) RIGHT ARROW
	(T72) STRAIGHT ARROW

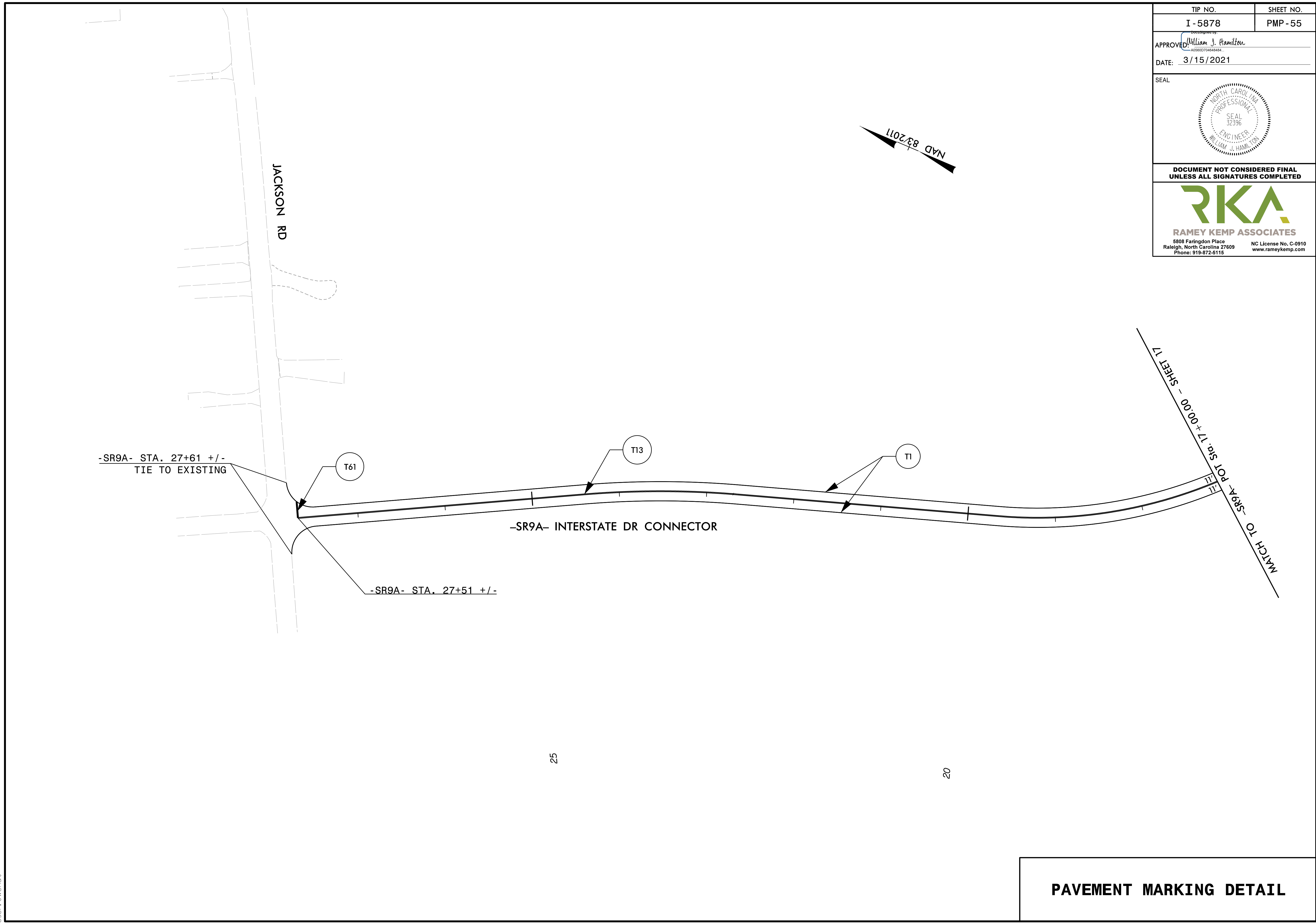
PAVEMENT MARKING DETAIL

3/15/2021
I:\15878_PMP_54.dgn
User: Jwendt

MATCH TO -Y24- POC Sta. 62+20.00 - SHEET 16



MATCH TO -Y14- POT Sta. 34+00.00 - SHEET 17A

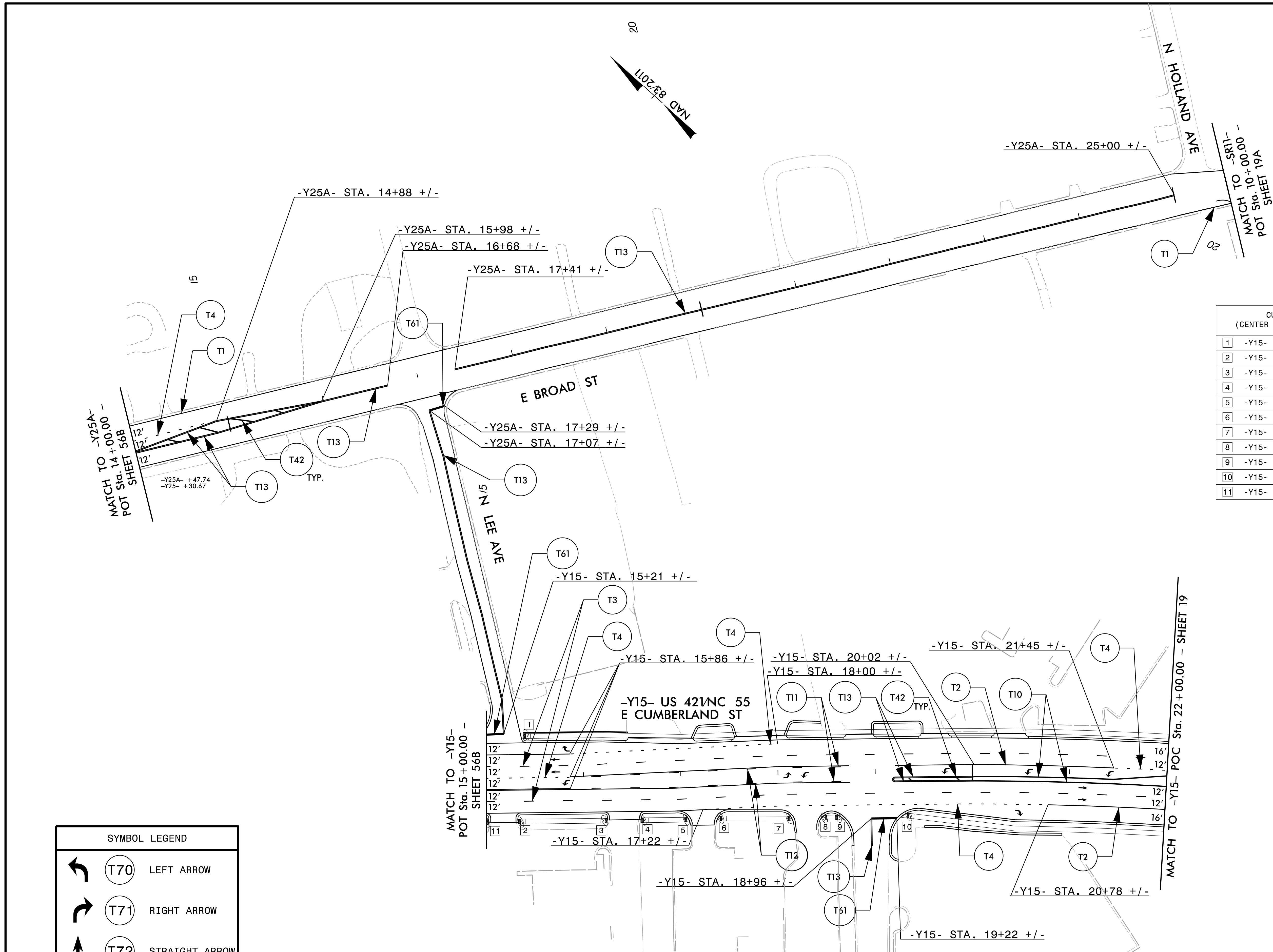
TIP NO.	SHEET NO.
I - 5878	PMP - 55
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
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PAVEMENT MARKING DETAIL

3/15/2021
I:\15878_PMP_55.dgn
User: J.Wendt

TIP NO.	SHEET NO.
I - 5878	PMP - 56
APPROVED: <i>William J. Hamilton</i> <small>DESIGNED BY: William J. Hamilton ASSIGNED BY: [Signature]</small>	
DATE: 3/15/2021	
SEAL 	
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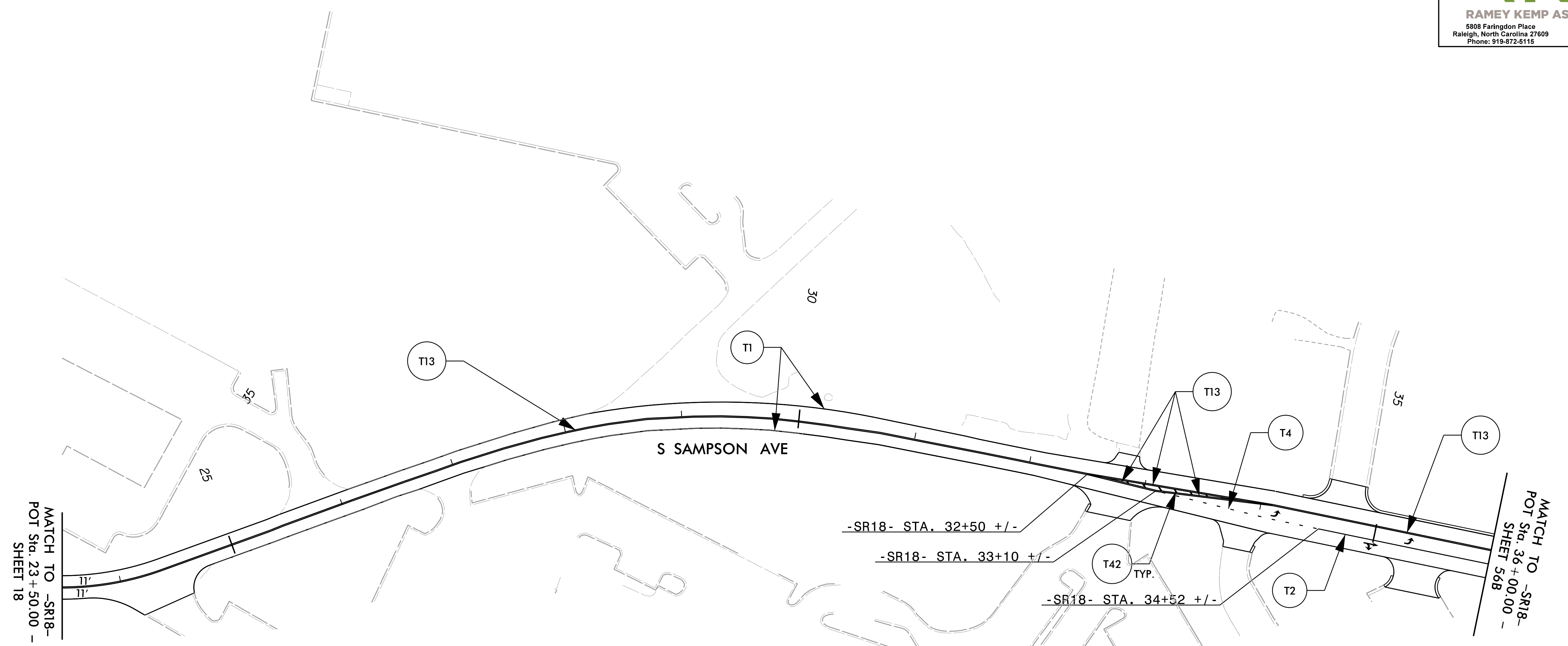
CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-Y15- STA. 15+38.48, 43.39' LT
2	-Y15- STA. 15+31.97, 44.87' RT
3	-Y15- STA. 16+24.00, 44.93' RT
4	-Y15- STA. 16+58.49, 45.04' RT
5	-Y15- STA. 17+07.87, 44.78' RT
6	-Y15- STA. 17+37.42, 43.87' RT
7	-Y15- STA. 18+13.86, 44.84' RT
8	-Y15- STA. 18+44.48, 44.29' RT
9	-Y15- STA. 18+64.83, 44.24' RT
10	-Y15- STA. 19+28.81, 42.52' RT
11	-Y15- STA. 15+02.03, 44.77' RT

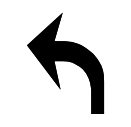
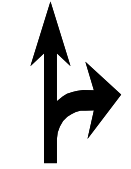
SYMBOL LEGEND	
	T70 LEFT ARROW
	T71 RIGHT ARROW
	T72 STRAIGHT ARROW

PAVEMENT MARKING DETAIL

3/19/2021
 I:\15878_PMP_56.dgn
 User: tpope@rka

TIP NO.	SHEET NO.
I - 5878	PMP - 56A
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
	
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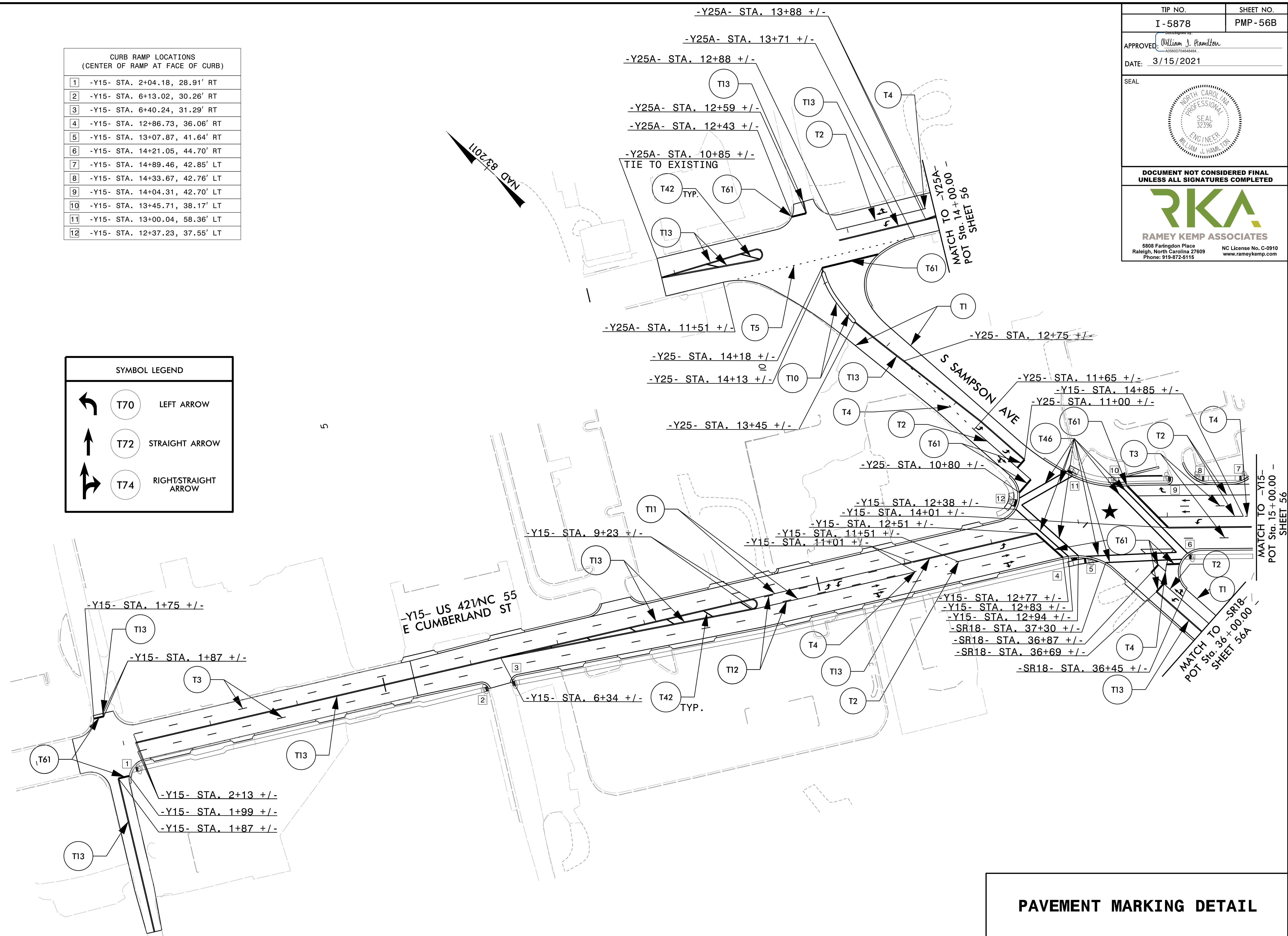
SYMBOL LEGEND	
	T70 LEFT ARROW
	T74 RIGHT/STRAIGHT ARROW

PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
I - 5878	PMP - 56B
APPROVED: <i>William J. Hamilton</i> Professional Engineer No. 32396	
DATE: 3/15/2021	
SEAL	
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<small>RAMEY KEMP ASSOCIATES 5808 Faringdon Place Raleigh, North Carolina 27609 Phone: 919-872-5115 NC License No. C-0910 www.rameykemp.com</small>	

CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-Y15- STA. 2+04.18, 28.91' RT
2	-Y15- STA. 6+13.02, 30.26' RT
3	-Y15- STA. 6+40.24, 31.29' RT
4	-Y15- STA. 12+86.73, 36.06' RT
5	-Y15- STA. 13+07.87, 41.64' RT
6	-Y15- STA. 14+21.05, 44.70' RT
7	-Y15- STA. 14+89.46, 42.85' LT
8	-Y15- STA. 14+33.67, 42.76' LT
9	-Y15- STA. 14+04.31, 42.70' LT
10	-Y15- STA. 13+45.71, 38.17' LT
11	-Y15- STA. 13+00.04, 58.36' LT
12	-Y15- STA. 12+37.23, 37.55' LT

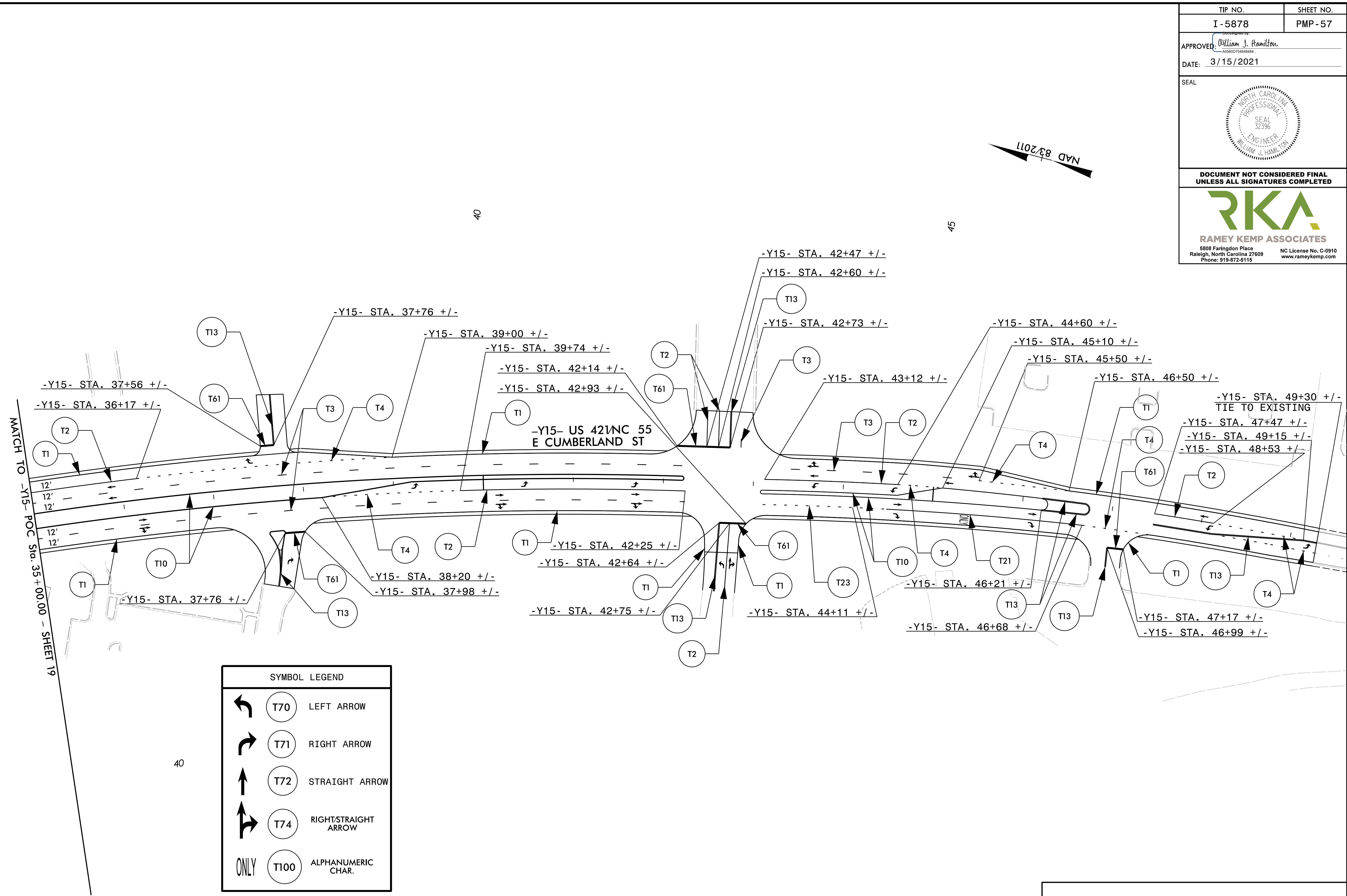
SYMBOL LEGEND	
	T70 LEFT ARROW
	T72 STRAIGHT ARROW
	T74 RIGHT/STRAIGHT ARROW



PAVEMENT MARKING DETAIL

3/19/2021 11:58:28 AM PMP_56B.dgn
User: tpope@rka



TIP NO.	SHEET NO.
I - 5878	PMP - 57
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/15/2021	
SEAL	
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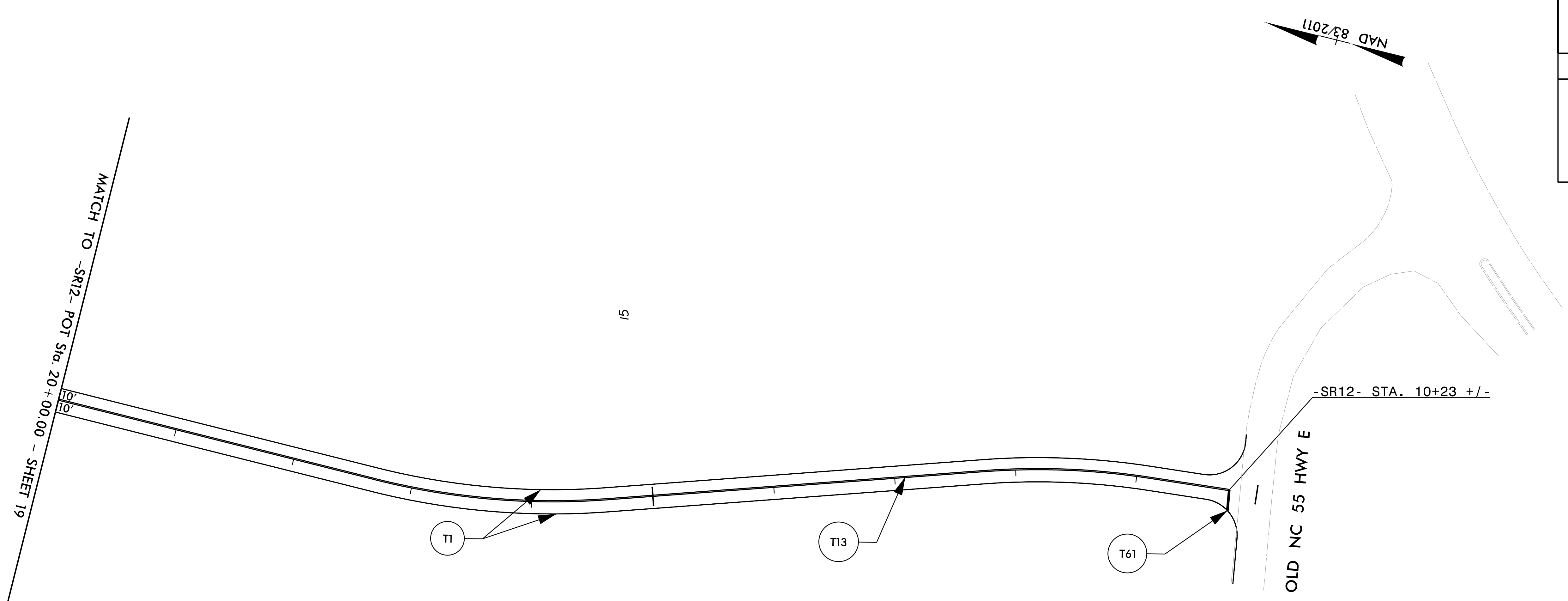


SYMBOL LEGEND	
	T70 LEFT ARROW
	T71 RIGHT ARROW
	T72 STRAIGHT ARROW
	T74 RIGHT/STRAIGHT ARROW
	T100 ALPHANUMERIC CHAR.

PAVEMENT MARKING DETAIL

3/15/2021
 I:\15878_PMP-57.dgn
 User: J.Wendt

TIP NO.	SHEET NO.
I - 5878	PMP - 58
APPROVED: <i>William J. Hamilton</i> <small>AS05070468484</small>	
DATE: 3/15/2021	
SEAL	
	
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PAVEMENT MARKING DETAIL