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T.I.P.: I-5973

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
MECKLENBURG COUNTY
LOCATION: NC 16 (BROOKSHIRE BLVD) AND
NORTHERN I-485 INTERCHANGE**

TIP NO. I - 5973	SHEET NO. PMP - 1
APPROVED: _____	
DATE: _____	
SEAL 	
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INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2 THRU PMP-3	OMITTED
PMP-4 THRU PMP-7	PAVEMENT MARKING DETAIL

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
FINAL PAVEMENT MARKINGS	
THERMOPLASTIC (4", 90 MILS)	
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	WHITE 10' SKIP
T4	WHITE 3' - 9'/SP MINI-SKIP
T5	WHITE 2' - 6'/SP MINI-SKIP
T10	YELLOW EDGELINE
THERMOPLASTIC (6", 90 MILS)	
T20	WHITE EDGELINE
T21	WHITE SOLID LANE LINE
T22	WHITE 10' SKIP
T23	WHITE 3' - 9'/SP MINI-SKIP
T30	YELLOW EDGELINE
THERMOPLASTIC (8", 90 MILS)	
T40	WHITE GORELINE
T41	WHITE DIAGONAL
T43	WHITE SOLID LANE LINE
T44	WHITE 3' - 9'/SP MINI-SKIP
THERMOPLASTIC (24", 90 MILS)	
T61	WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T73	COMBO. LEFT/STRAIGHT ARROW
T79	MERGE ARROW
T100	ALPHANUMERIC CHARACTER
PAVEMENT MARKER SYMBOLS	
MB	CRYSTAL & RED

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 ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
ALL	THERMOPLASTIC	PERMANENT RAISED

B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS PER NCDOT STANDARD SPECIFICATIONS.

D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

E) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR ARROWS, STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

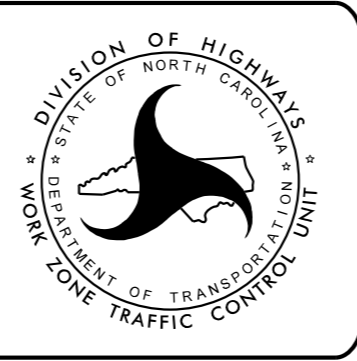
ROADWAY STANDARD DRAWING

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:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

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

KELVIN L. JORDAN _____	SIGNING & DELINEATION REGIONAL ENGINEER
ASHLEY K. MATTHEWS, P.E. _____	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

EVERETT LOVING, P.E. _____	PROJECT DESIGN ENGINEER
JACK CRINO, EIT _____	DESIGNER



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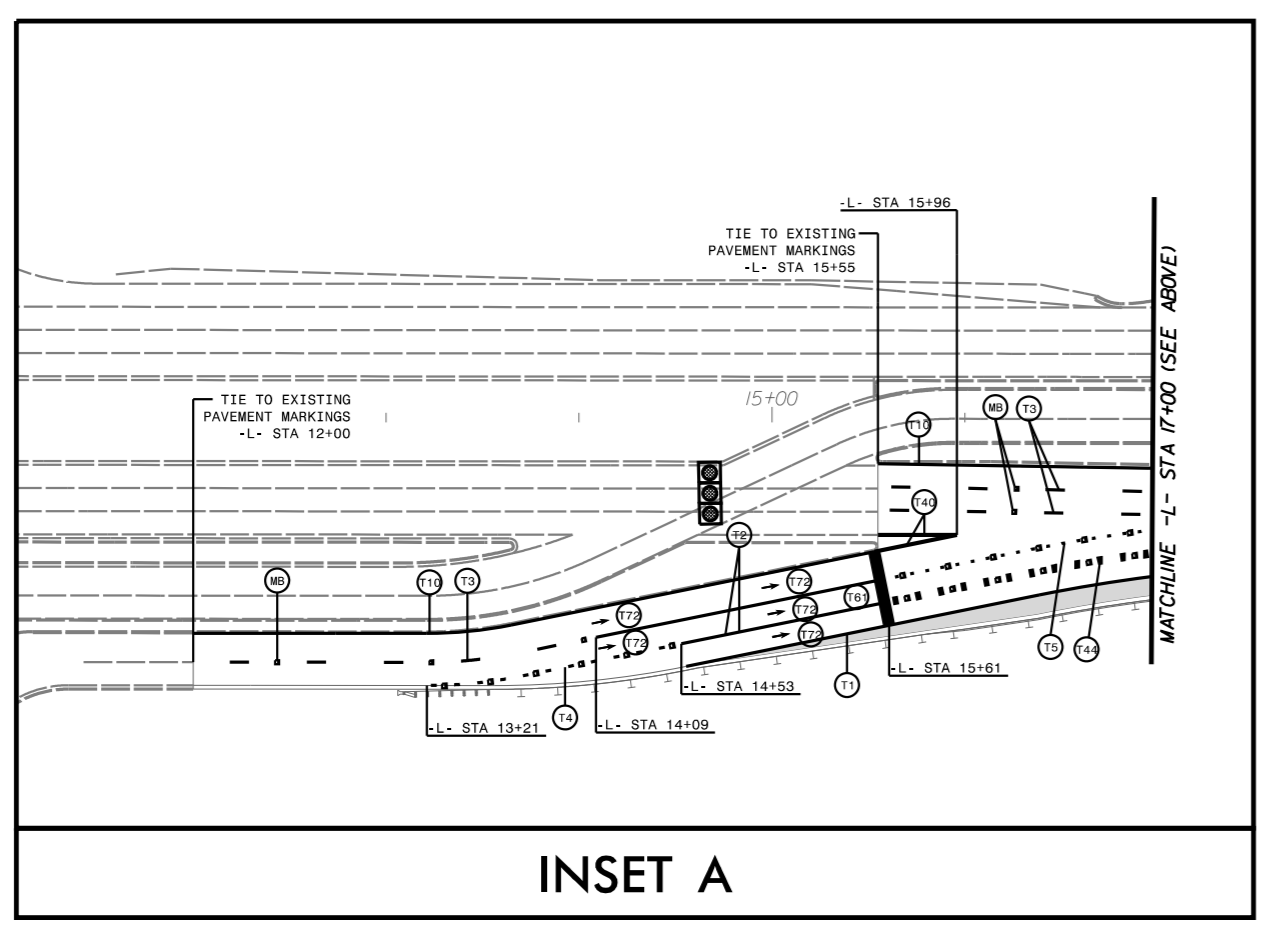
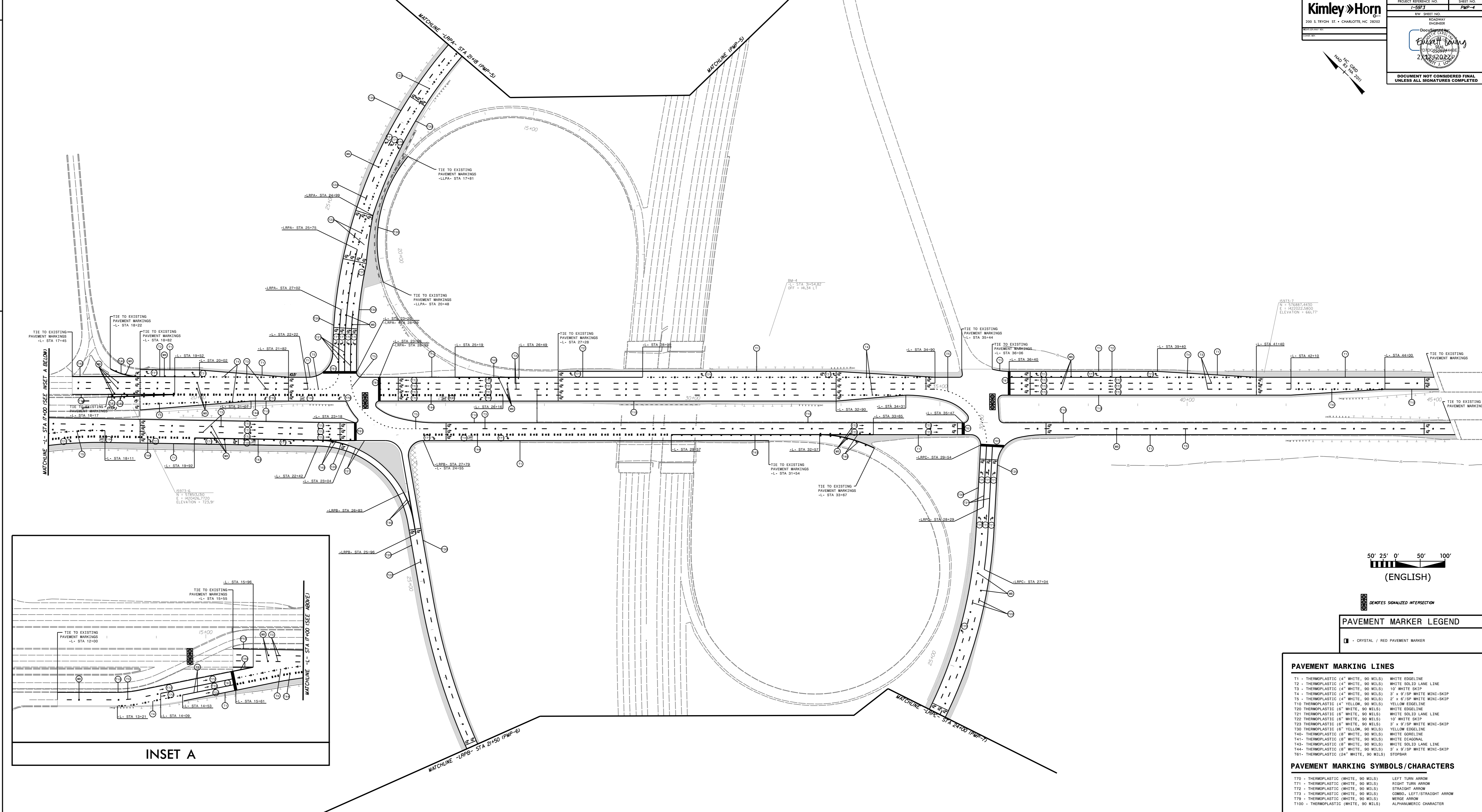
Kimley-Horn
 300 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO. 1-5973
 SHEET NO. PMP-4

ROADWAY ENGINEER

2022/10/12

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PAVEMENT MARKING LINES

T1	- THERMOPLASTIC (4" WHITE, 90 WELS)	WHITE EDGE LINE
T2	- THERMOPLASTIC (4" WHITE, 90 WELS)	WHITE SOLID LANE LINE
T3	- THERMOPLASTIC (4" WHITE, 90 WELS)	10' WHITE SKIP
T4	- THERMOPLASTIC (4" WHITE, 90 WELS)	3' x 9' /SP WHITE MINI-SKIP
T5	- THERMOPLASTIC (4" WHITE, 90 WELS)	2' x 9' /SP WHITE MINI-SKIP
T10	- THERMOPLASTIC (4" YELLOW, 90 WELS)	YELLOW EDGE LINE
T20	- THERMOPLASTIC (6" WHITE, 90 WELS)	WHITE EDGE LINE
T21	- THERMOPLASTIC (6" WHITE, 90 WELS)	WHITE SOLID LANE LINE
T22	- THERMOPLASTIC (6" WHITE, 90 WELS)	10' WHITE SKIP
T23	- THERMOPLASTIC (6" WHITE, 90 WELS)	3' x 9' /SP WHITE MINI-SKIP
T30	- THERMOPLASTIC (6" YELLOW, 90 WELS)	YELLOW EDGE LINE
T40	- THERMOPLASTIC (8" WHITE, 90 WELS)	WHITE EDGE LINE
T41	- THERMOPLASTIC (8" WHITE, 90 WELS)	WHITE SOLID LANE LINE
T42	- THERMOPLASTIC (8" WHITE, 90 WELS)	WHITE DIAGONAL
T43	- THERMOPLASTIC (8" WHITE, 90 WELS)	WHITE SOLID LANE LINE
T44	- THERMOPLASTIC (8" WHITE, 90 WELS)	3' x 9' /SP WHITE MINI-SKIP
T61+	- THERMOPLASTIC (24" WHITE, 90 WELS)	STOPBAR

PAVEMENT MARKING SYMBOLS/CHARACTERS

T70	- THERMOPLASTIC (WHITE, 90 WELS)	LEFT TURN ARROW
T71	- THERMOPLASTIC (WHITE, 90 WELS)	RIGHT TURN ARROW
T72	- THERMOPLASTIC (WHITE, 90 WELS)	STRAIGHT ARROW
T73	- THERMOPLASTIC (WHITE, 90 WELS)	COMBO, LEFT/STRAIGHT ARROW
T75	- THERMOPLASTIC (WHITE, 90 WELS)	WEDGE ARROW
T100	- THERMOPLASTIC (WHITE, 90 WELS)	ALPHANUMERIC CHARACTER

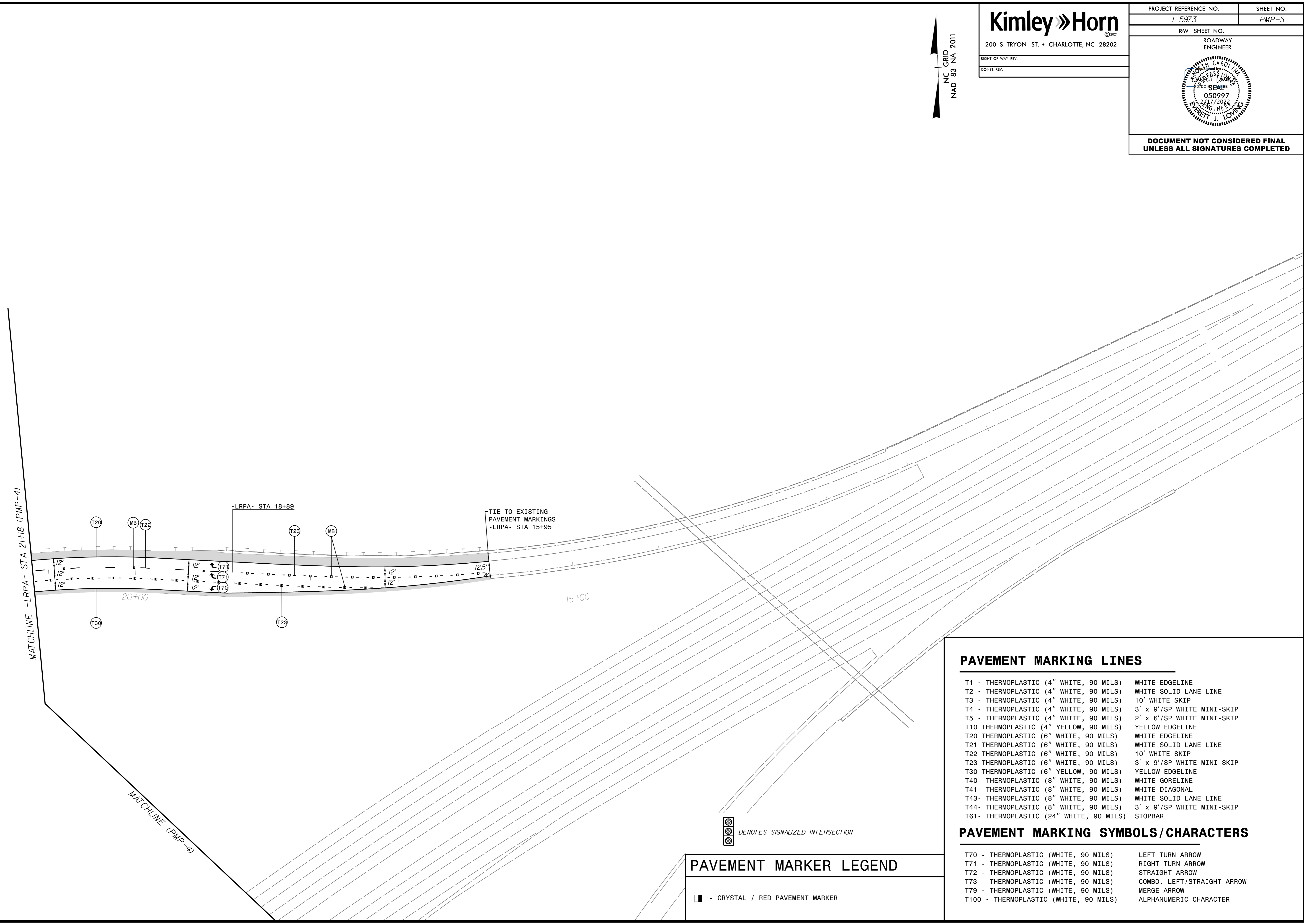
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R/W SHEET NO.	
ROADWAY ENGINEER	
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PAVEMENT MARKER LEGEND	
	- CRYSTAL / RED PAVEMENT MARKER

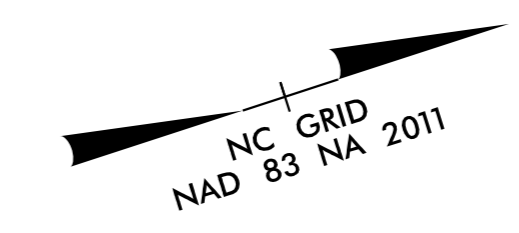
PAVEMENT MARKING LINES	
T1 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE EDGELINE
T2 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T3 - THERMOPLASTIC (4" WHITE, 90 MILS)	10' WHITE SKIP
T4 - THERMOPLASTIC (4" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T5 - THERMOPLASTIC (4" WHITE, 90 MILS)	2' x 6'/SP WHITE MINI-SKIP
T10 THERMOPLASTIC (4" YELLOW, 90 MILS)	YELLOW EDGELINE
T20 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE EDGELINE
T21 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T22 THERMOPLASTIC (6" WHITE, 90 MILS)	10' WHITE SKIP
T23 THERMOPLASTIC (6" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T30 THERMOPLASTIC (6" YELLOW, 90 MILS)	YELLOW EDGELINE
T40- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE GORELINE
T41- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE DIAGONAL
T43- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T44- THERMOPLASTIC (8" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T61- THERMOPLASTIC (24" WHITE, 90 MILS)	STOPBAR

PAVEMENT MARKING SYMBOLS/CHARACTERS	
T70 - THERMOPLASTIC (WHITE, 90 MILS)	LEFT TURN ARROW
T71 - THERMOPLASTIC (WHITE, 90 MILS)	RIGHT TURN ARROW
T72 - THERMOPLASTIC (WHITE, 90 MILS)	STRAIGHT ARROW
T73 - THERMOPLASTIC (WHITE, 90 MILS)	COMBO. LEFT/STRAIGHT ARROW
T79 - THERMOPLASTIC (WHITE, 90 MILS)	MERGE ARROW
T100 - THERMOPLASTIC (WHITE, 90 MILS)	ALPHANUMERIC CHARACTER

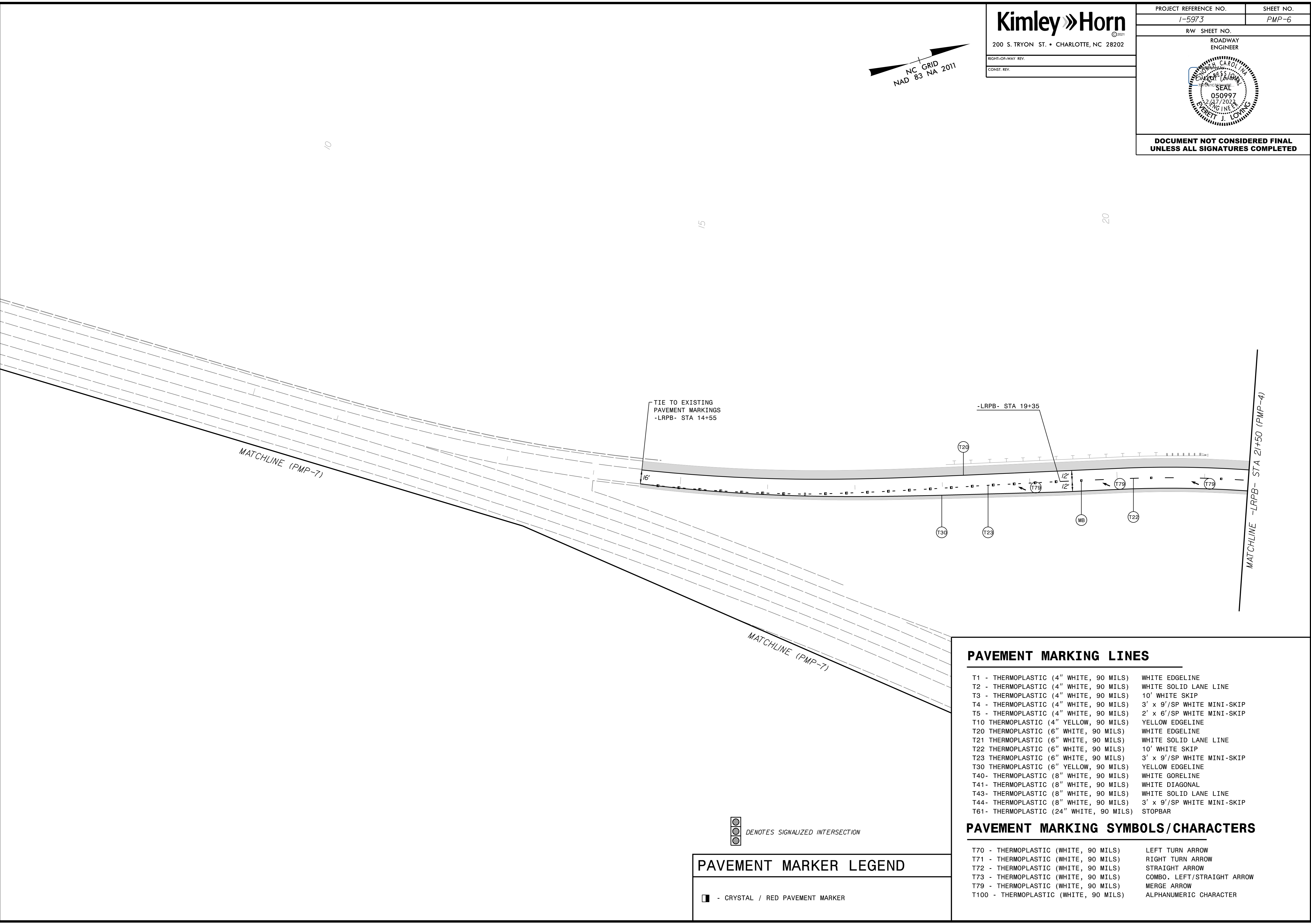
DENOTES SIGNALIZED INTERSECTION

Kimley»Horn
 200 S. TRYON ST. • CHARLOTTE, NC 28202
 ROADWAY ENGINEER

PROJECT REFERENCE NO. 1-5973	SHEET NO. PMP-6
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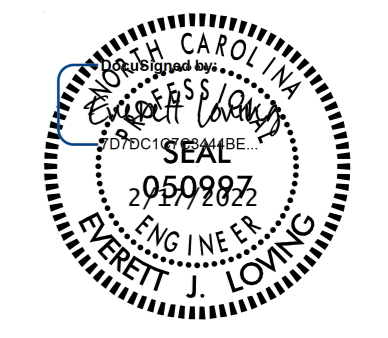
PAVEMENT MARKER LEGEND	
	- CRYSTAL / RED PAVEMENT MARKER

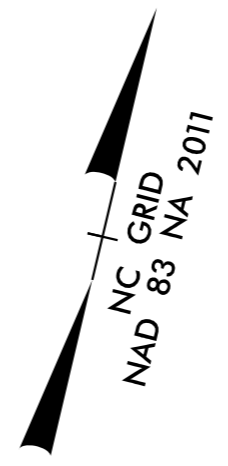
PAVEMENT MARKING LINES	
T1 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE EDGELINE
T2 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T3 - THERMOPLASTIC (4" WHITE, 90 MILS)	10' WHITE SKIP
T4 - THERMOPLASTIC (4" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T5 - THERMOPLASTIC (4" WHITE, 90 MILS)	2' x 6'/SP WHITE MINI-SKIP
T10 THERMOPLASTIC (4" YELLOW, 90 MILS)	YELLOW EDGELINE
T20 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE EDGELINE
T21 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T22 THERMOPLASTIC (6" WHITE, 90 MILS)	10' WHITE SKIP
T23 THERMOPLASTIC (6" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T30 THERMOPLASTIC (6" YELLOW, 90 MILS)	YELLOW EDGELINE
T40- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE GORELINE
T41- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE DIAGONAL
T43- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T44- THERMOPLASTIC (8" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T61- THERMOPLASTIC (24" WHITE, 90 MILS)	STOPBAR

PAVEMENT MARKING SYMBOLS/CHARACTERS	
T70 - THERMOPLASTIC (WHITE, 90 MILS)	LEFT TURN ARROW
T71 - THERMOPLASTIC (WHITE, 90 MILS)	RIGHT TURN ARROW
T72 - THERMOPLASTIC (WHITE, 90 MILS)	STRAIGHT ARROW
T73 - THERMOPLASTIC (WHITE, 90 MILS)	COMBO. LEFT/STRAIGHT ARROW
T79 - THERMOPLASTIC (WHITE, 90 MILS)	MERGE ARROW
T100 - THERMOPLASTIC (WHITE, 90 MILS)	ALPHANUMERIC CHARACTER

DENOTES SIGNALIZED INTERSECTION

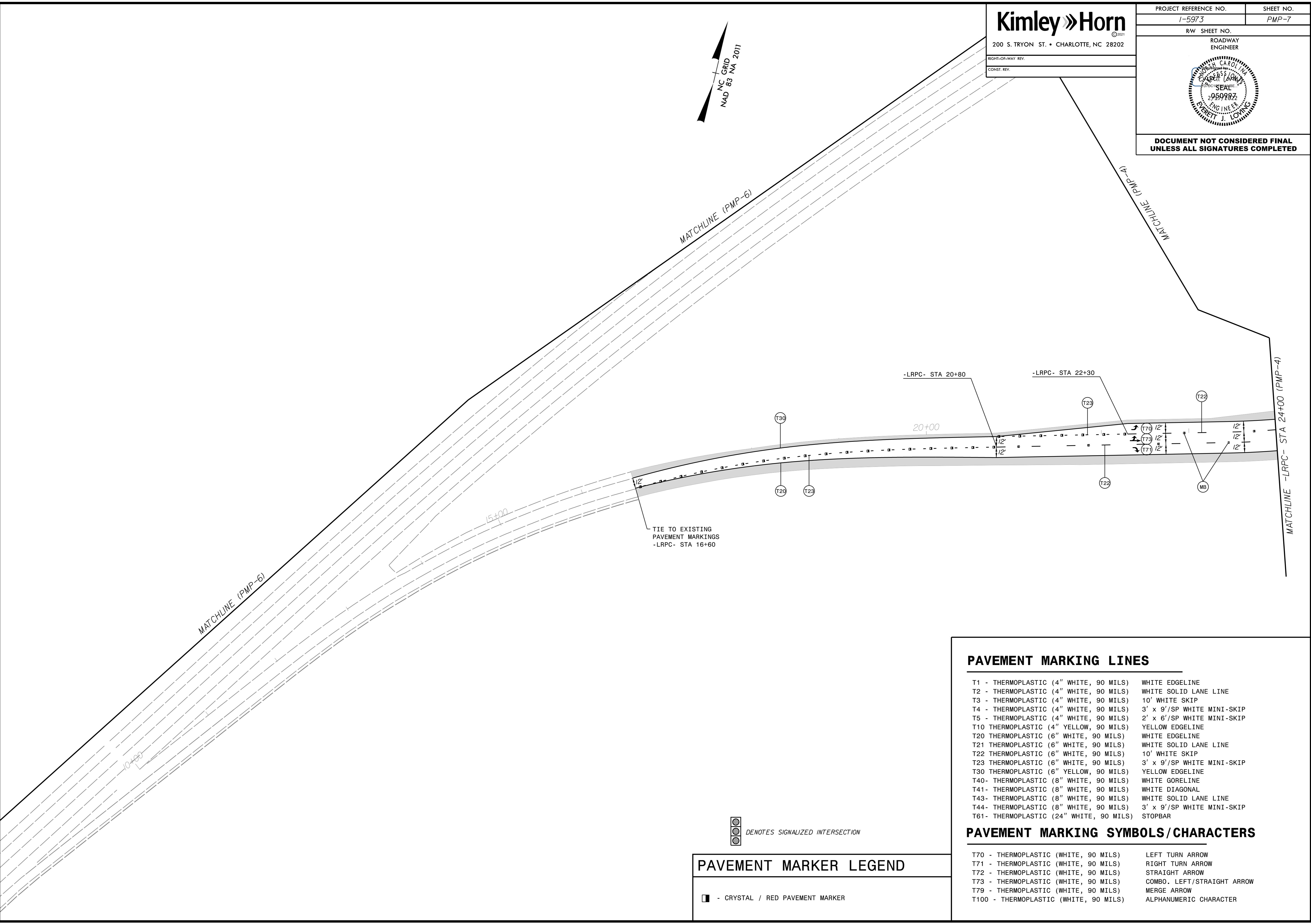
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PROJECT REFERENCE NO. 1-5973	SHEET NO. PMP-7
R/W SHEET NO.	
ROADWAY ENGINEER	
	
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TIE TO EXISTING PAVEMENT MARKINGS
-LRPC- STA 16+60

 DENOTES SIGNALIZED INTERSECTION

PAVEMENT MARKER LEGEND

 - CRYSTAL / RED PAVEMENT MARKER

PAVEMENT MARKING LINES

T1 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE EDGELINE
T2 - THERMOPLASTIC (4" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T3 - THERMOPLASTIC (4" WHITE, 90 MILS)	10' WHITE SKIP
T4 - THERMOPLASTIC (4" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T5 - THERMOPLASTIC (4" WHITE, 90 MILS)	2' x 6'/SP WHITE MINI-SKIP
T10 THERMOPLASTIC (4" YELLOW, 90 MILS)	YELLOW EDGELINE
T20 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE EDGELINE
T21 THERMOPLASTIC (6" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T22 THERMOPLASTIC (6" WHITE, 90 MILS)	10' WHITE SKIP
T23 THERMOPLASTIC (6" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T30 THERMOPLASTIC (6" YELLOW, 90 MILS)	YELLOW EDGELINE
T40- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE GORELINE
T41- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE DIAGONAL
T43- THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE SOLID LANE LINE
T44- THERMOPLASTIC (8" WHITE, 90 MILS)	3' x 9'/SP WHITE MINI-SKIP
T61- THERMOPLASTIC (24" WHITE, 90 MILS)	STOPBAR

PAVEMENT MARKING SYMBOLS/CHARACTERS

T70 - THERMOPLASTIC (WHITE, 90 MILS)	LEFT TURN ARROW
T71 - THERMOPLASTIC (WHITE, 90 MILS)	RIGHT TURN ARROW
T72 - THERMOPLASTIC (WHITE, 90 MILS)	STRAIGHT ARROW
T73 - THERMOPLASTIC (WHITE, 90 MILS)	COMBO. LEFT/STRAIGHT ARROW
T79 - THERMOPLASTIC (WHITE, 90 MILS)	MERGE ARROW
T100 - THERMOPLASTIC (WHITE, 90 MILS)	ALPHANUMERIC CHARACTER

10/12/2021