

9/8/2023 K:\CHL\PRJ\01036361_U-5873_Potts-MainTraffic\Signing\CADD\Sign_Designs\U-5873_rdy_pmp_PSH\dgn

CONTRACT: C204431 T.I.P.: U-5873

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
MECKLENBURG COUNTY**

LOCATION: INTERSECTION OF NC 115/MAIN STREET AND POTTS STREET

TIP NO. U-5873	SHEET NO. PMP-1
APPROVED:	
DATE: 10/24/2023	
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INDEX

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

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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
FINAL PAVEMENT MARKINGS	
THERMOPLASTIC (4", 90 MILS)	
T2	WHITE SOLID LANE LINE
T3	10 FT. WHITE SKIP
T4	3 FT. - 9 FT. / SP WHITE MINISKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MILS)	
T40	WHITE GORELINE
T45	3 FT. - 3 FT. / SP WHITE MINISKIP
T46	WHITE CROSSWALK LINE
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T61	WHITE STOP BAR (24", 90 MILS)
T62	WHITE CROSSWALK LINE (24", 90 MILS)
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T73	COMBO. LEFT/STRAIGHT ARROW
T100	ALPHANUMERIC CHAR.
T103	24" YIELD LINE TRIANGLE
T112	FISH-HOOK RIGHT/STRAIGHT ARROW
T114	FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW
T116	FISH-HOOK W/ CIRCLE LEFT
T117	FISH-HOOK W/ CIRCLE LEFT/STRAIGHT ARROW

GENERAL NOTES

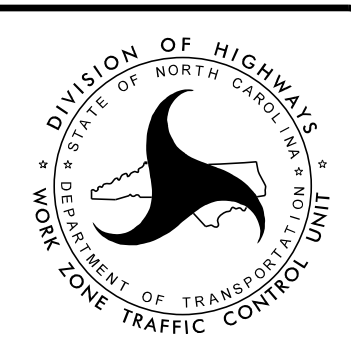
- THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.
- A) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE AS FOLLOWS:

<u>ROAD NAME</u>	<u>MARKING</u>
-L-	THERMOPLASTIC
-Y1-	THERMOPLASTIC
-Y2-	THERMOPLASTIC
 - 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 INTERSECTION MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
 - E) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
 - F) 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.
 - G) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

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

SIGNING & DELINEATION REGIONAL ENGINEER

SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

FRANK MASTERSON, P.E. PROJECT DESIGN ENGINEER

ANDREW WEEKS, E.I. DESIGNER



THERMOPLASTIC PAVEMENT MARKING LINES

- T2 - THERMOPLASTIC (4", 90 MILS) WHITE SOLID LANE LINE
- T3 - THERMOPLASTIC (4", 90 MILS) 10 FT. WHITE SKIP
- T4 - THERMOPLASTIC (4", 90 MILS) 3 FT. - 3 FT./SP WHITE MINISKIP
- T10 - THERMOPLASTIC (4", 90 MIL) YELLOW EDGELINE
- T13 - THERMOPLASTIC (4", 90 MILS) YELLOW DOUBLE CENTER LINE
- T40 - THERMOPLASTIC (8", 90 MILS) WHITE GORELINE
- T45 - THERMOPLASTIC (8", 90 MILS) 3 FT. - 3 FT./SP WHITE MINISKIP
- T46 - THERMOPLASTIC (8", 90 MILS) WHITE CROSSWALK LINE
- T61 - THERMOPLASTIC (24", 90 MILS) WHITE STOPBAR
- T62 - THERMOPLASTIC (24", 90 MILS) WHITE CROSSWALK LINE

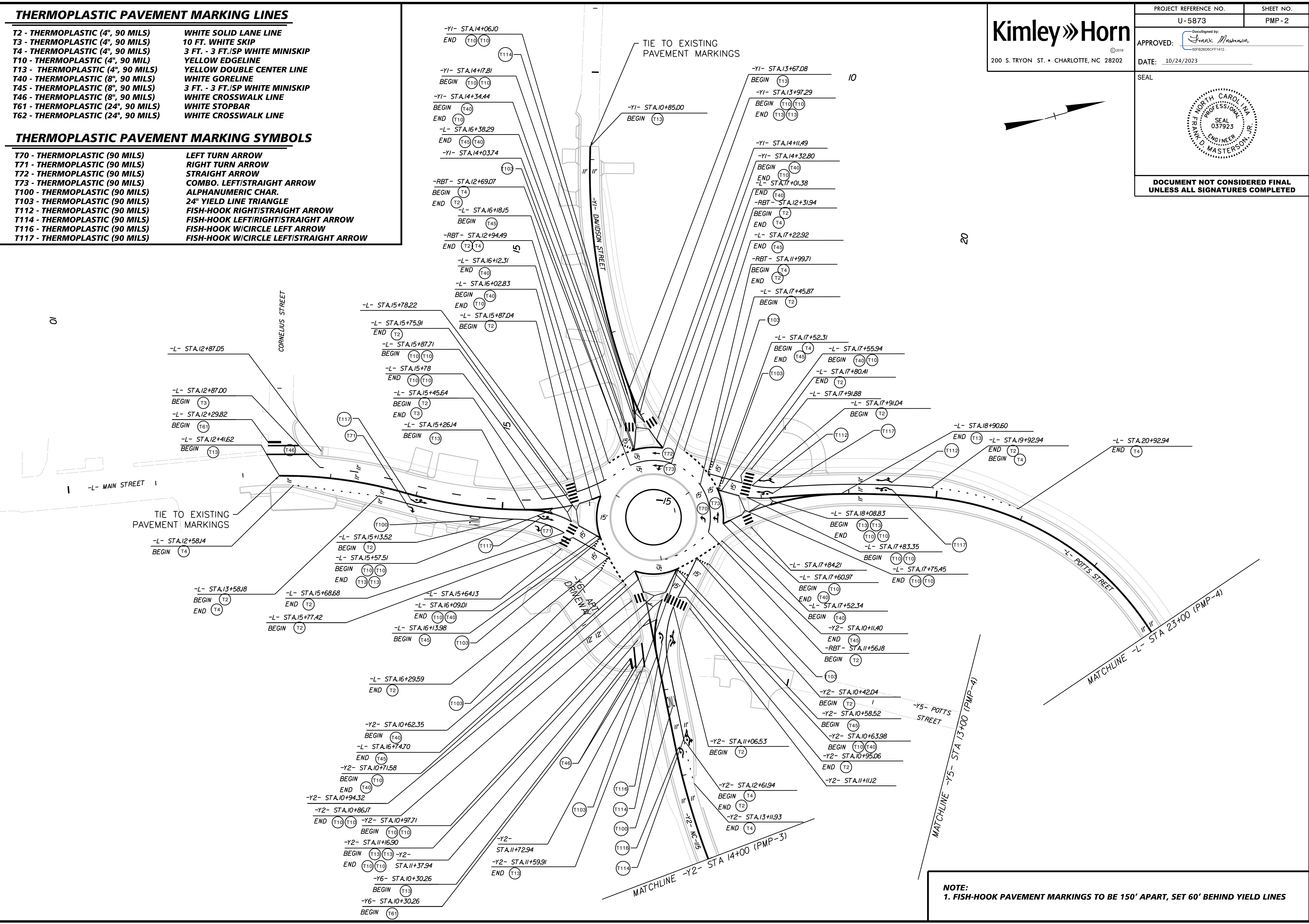
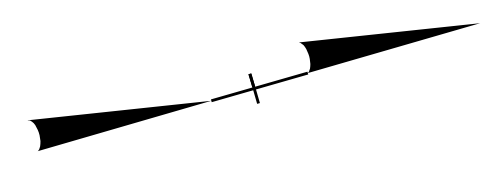
THERMOPLASTIC PAVEMENT MARKING SYMBOLS

- T70 - THERMOPLASTIC (90 MILS) LEFT TURN ARROW
- T71 - THERMOPLASTIC (90 MILS) RIGHT TURN ARROW
- T72 - THERMOPLASTIC (90 MILS) STRAIGHT ARROW
- T73 - THERMOPLASTIC (90 MILS) COMBO. LEFT/STRAIGHT ARROW
- T100 - THERMOPLASTIC (90 MILS) ALPHANUMERIC CHAR.
- T103 - THERMOPLASTIC (90 MILS) 24" YIELD LINE TRIANGLE
- T112 - THERMOPLASTIC (90 MILS) FISH-HOOK RIGHT/STRAIGHT ARROW
- T114 - THERMOPLASTIC (90 MILS) FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW
- T116 - THERMOPLASTIC (90 MILS) FISH-HOOK W/CIRCLE LEFT ARROW
- T117 - THERMOPLASTIC (90 MILS) FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW

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PROJECT REFERENCE NO. U-5873	SHEET NO. PMP-2
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THERMOPLASTIC PAVEMENT MARKING LINES

- | | |
|------------------------------------|---------------------------------|
| T2 - THERMOPLASTIC (4", 90 MILS) | WHITE SOLID LANE LINE |
| T3 - THERMOPLASTIC (4", 90 MILS) | 10 FT. WHITE SKIP |
| T4 - THERMOPLASTIC (4", 90 MILS) | 3 FT. - 3 FT./SP WHITE MINISKIP |
| T10 - THERMOPLASTIC (4", 90 MIL) | YELLOW EDGELINE |
| T13 - THERMOPLASTIC (4", 90 MILS) | YELLOW DOUBLE CENTER LINE |
| T40 - THERMOPLASTIC (8", 90 MILS) | WHITE GORELINE |
| T45 - THERMOPLASTIC (8", 90 MILS) | 3 FT. - 3 FT./SP WHITE MINISKIP |
| T46 - THERMOPLASTIC (8", 90 MILS) | WHITE CROSSWALK LINE |
| T61 - THERMOPLASTIC (24", 90 MILS) | WHITE STOPBAR |
| T62 - THERMOPLASTIC (24", 90 MILS) | WHITE CROSSWALK LINE |

THERMOPLASTIC PAVEMENT MARKING SYMBOLS

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|--------------------------------|--|
| T70 - THERMOPLASTIC (90 MILS) | LEFT TURN ARROW |
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| T73 - THERMOPLASTIC (90 MILS) | COMBO. LEFT/STRAIGHT ARROW |
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| T103 - THERMOPLASTIC (90 MILS) | 24" YIELD LINE TRIANGLE |
| T112 - THERMOPLASTIC (90 MILS) | FISH-HOOK RIGHT/STRAIGHT ARROW |
| T114 - THERMOPLASTIC (90 MILS) | FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW |
| T116 - THERMOPLASTIC (90 MILS) | FISH-HOOK W/CIRCLE LEFT ARROW |
| T117 - THERMOPLASTIC (90 MILS) | FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW |

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PROJECT REFERENCE NO. SHEET NO.

U-5873 PMP-3

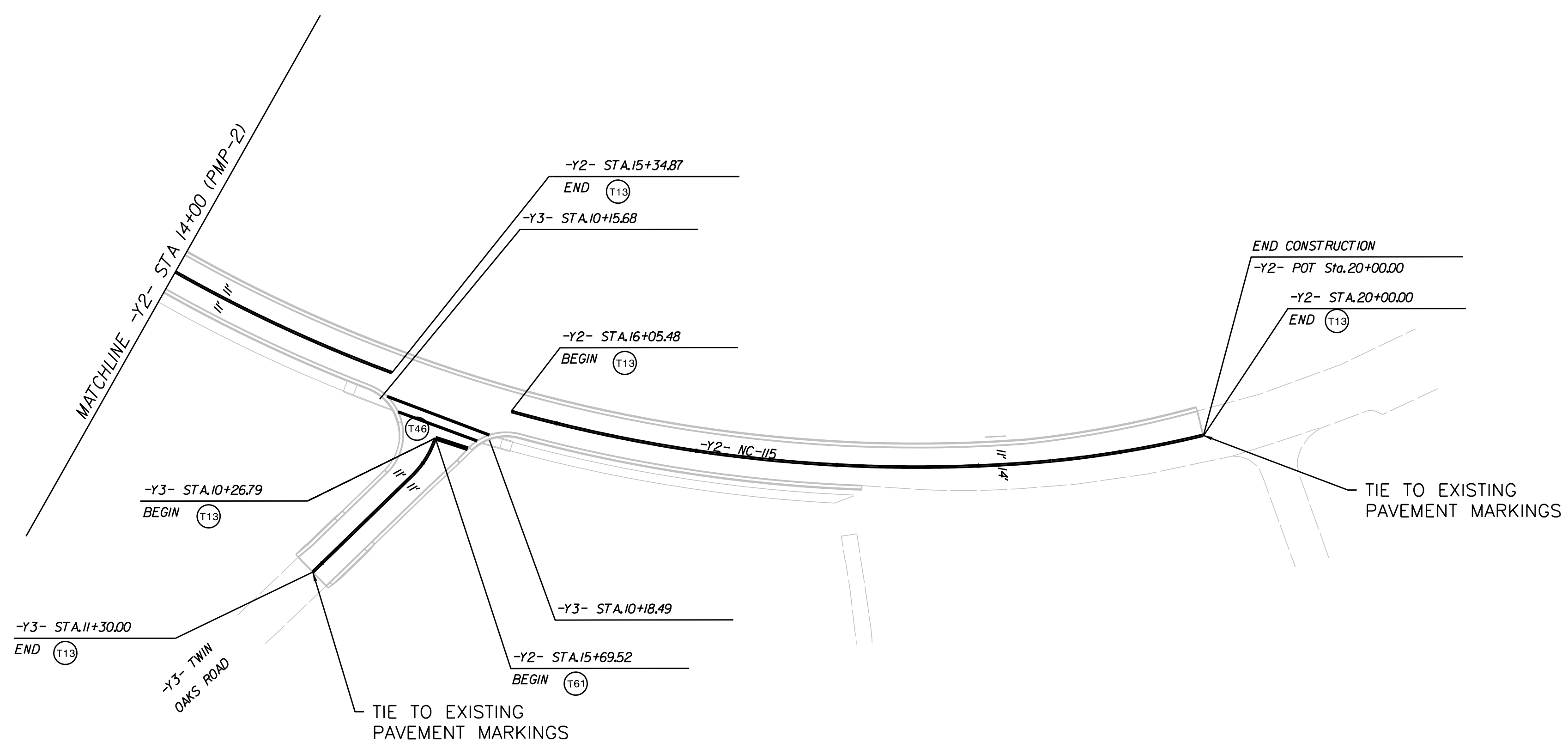
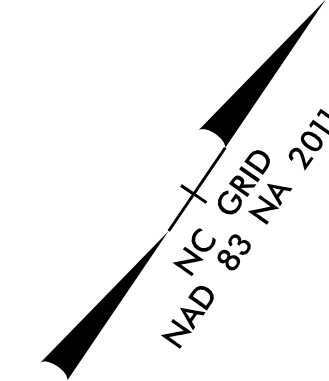
APPROVED: *Frank Masterson*

DATE: 10/24/2023

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THERMOPLASTIC PAVEMENT MARKING LINES

- | | |
|------------------------------------|---------------------------------|
| T2 - THERMOPLASTIC (4", 90 MILS) | WHITE SOLID LANE LINE |
| T3 - THERMOPLASTIC (4", 90 MILS) | 10 FT. WHITE SKIP |
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| T10 - THERMOPLASTIC (4", 90 MIL) | YELLOW EDGELINE |
| T13 - THERMOPLASTIC (4", 90 MILS) | YELLOW DOUBLE CENTER LINE |
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THERMOPLASTIC PAVEMENT MARKING SYMBOLS

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| T70 - THERMOPLASTIC (90 MILS) | LEFT TURN ARROW |
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| T117 - THERMOPLASTIC (90 MILS) | FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW |

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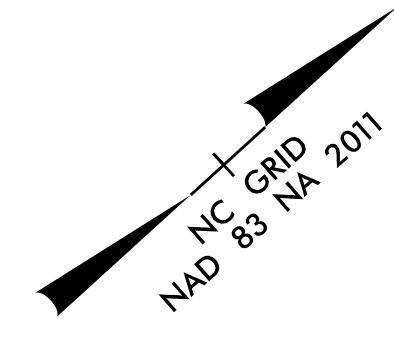
PROJECT REFERENCE NO. SHEET NO.

U-5873 PMP-4

APPROVED: *Frank M. Masterson*

DATE: 10/24/2023

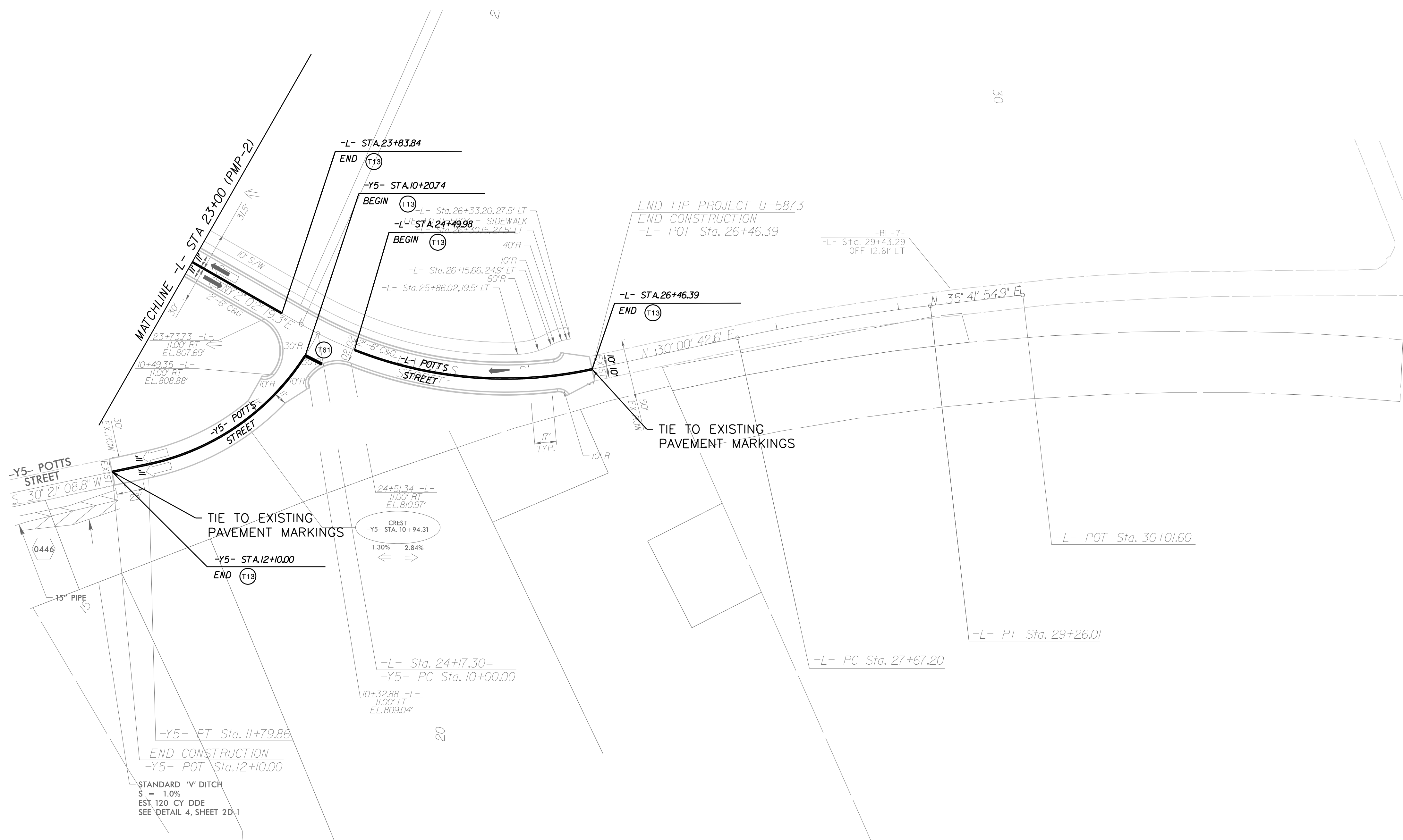
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STANDARD 'V' DITCH
S = 1.0%
EST 120 CY DDE
SEE DETAIL 4, SHEET 2D-1