

T.I.P.: U-4713A

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
MECKLENBURG COUNTY

LOCATION: SR 3448 (PLEASANT PLAINS RD) TO SR 1010 (E. JOHN STREET)

TIP NO.	SHEET NO.
U-4713A	PMP-1
APPROVED: <i>Frank Masterson</i>	
DATE: 8/7/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2 THRU PMP-5	PAVEMENT MARKING PLANS

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 2024 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
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
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

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
FINAL PAVEMENT MARKINGS	
T61	THERMOPLASTIC (24", 90 MILS)
T62	WHITE STOPBAR WHITE CROSSWALK LINE
THERMOPLASTIC (4", 90 MILS)	
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T4	WHITE 3' - 9"/SP MINI-SKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MILS)	
T41	WHITE DIAGONAL LINE
T42	YELLOW DIAGONAL LINE
T46	WHITE CROSSWALK LINE
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T74	COMBO RIGHT/STRAIGHT ARROW
T75	COMBO LEFT/RIGHT ARROW
T103	24" YIELD LINE TRIANGLE
PAVEMENT MARKER SYMBOLS	
MA	YELLOW & YELLOW
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
-L- MCKEE ROAD	THERMOPLASTIC	SNOWPLOWABLE
-Y1- PLEASANT PLAINS DRIVE	THERMOPLASTIC	NONE
-Y2- BILTMORE FOREST DRIVE	THERMOPLASTIC	NONE
-Y3- POPLAR KNOLL DRIVE	THERMOPLASTIC	NONE
-Y4- HOLLY RIDGE DRIVE	THERMOPLASTIC	NONE
-Y5- EAST JOHN STREET	THERMOPLASTIC	NONE

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.

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.

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

ERIC WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

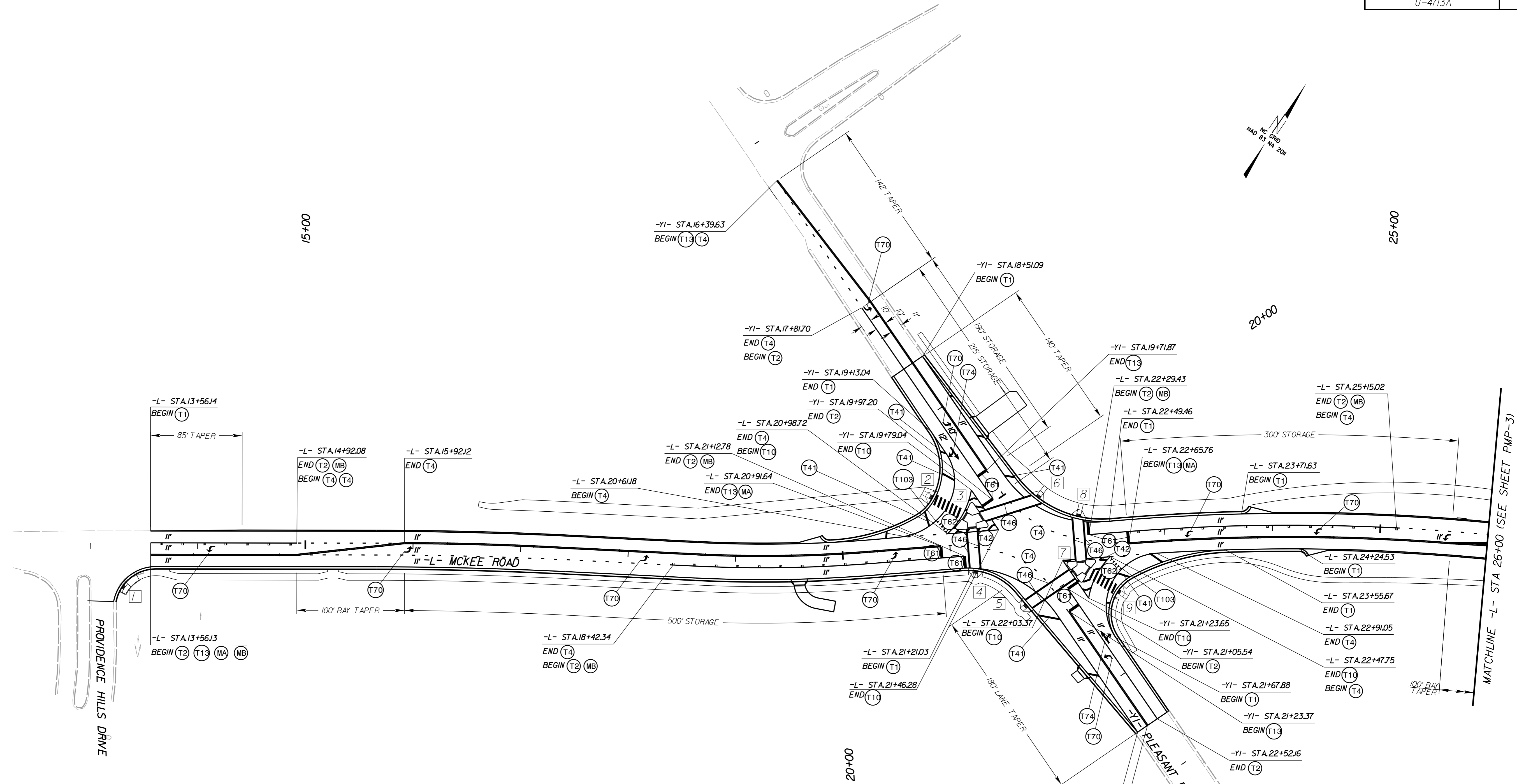
FRANK MASTERSON, P.E. PROJECT DESIGN ENGINEER

ANDREW WEEKS, E.I. DESIGNER



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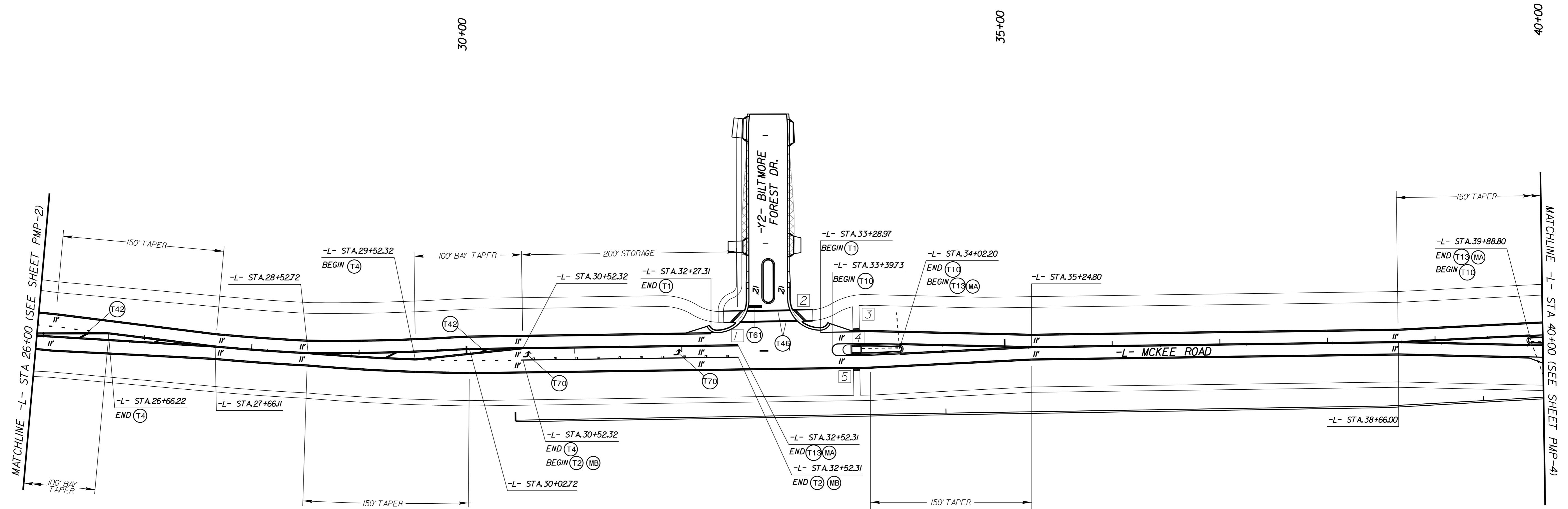
PAVEMENT MARKER LEGEND	
■	- CRYSTAL / RED PAVEMENT MARKER
◆	- YELLOW / YELLOW PAVEMENT MARKER

PAVEMENT MARKING LINES	
T1 - THERMOPLASTIC (4" WHITE, 90 MILS)	EDGE LINE
T2 - THERMOPLASTIC (4" WHITE, 90 MILS)	SOLID LANE LINE
T4 - THERMOPLASTIC (4" WHITE, 90 MILS)	3' x 9'/SP MINI-SKIP
T10 - THERMOPLASTIC (4" YELLOW, 90 MILS)	EDGE LINE
T13 - THERMOPLASTIC (4" YELLOW, 90 MILS)	DOUBLE CENTER LINE
T41 - THERMOPLASTIC (8" WHITE, 90 MILS)	DIAGONAL LINE
T42 - THERMOPLASTIC (8" YELLOW, 90 MILS)	DIAGONAL LINE
T46 - THERMOPLASTIC (8" WHITE, 90 MILS)	WHITE CROSSWALK LINE
T61 - THERMOPLASTIC (24" WHITE, 90 MILS)	STOPBAR
T62 - THERMOPLASTIC (24" WHITE, 90 MILS)	CROSSWALK LINE

PAVEMENT MARKING SYMBOLS/CHARACTERS	
T70 - THERMOPLASTIC (WHITE, 90 MILS)	LEFT TURN ARROW
T71 - THERMOPLASTIC (WHITE, 90 MILS)	RIGHT TURN ARROW
T74 - THERMOPLASTIC (WHITE, 90 MILS)	COMBO RIGHT/STRAIGHT ARROW
T75 - THERMOPLASTIC (WHITE, 90 MILS)	COMBO LEFT/RIGHT ARROW
T103 - THERMOPLASTIC (WHITE, 90 MILS)	24" YIELD LINE TRIANGLE

CURB RAMPS		
1	-L- 13+31.91 RT 36.47'	CURB RAMP
2	-L- 20+78.56 LT 56.35'	CURB RAMP
3	-L- 21+21.09 LT 27.25'	TYPE 6
4	-L- 21+22.37 RT 22.27'	CURB RAMP
5	-L- 21+61.69 RT 59.15'	CURB RAMP
6	-L- 21+89.57 LT 48.17'	CURB RAMP
7	-L- 22+20.66 RT 24.90'	TYPE 6
8	-L- 22+22.95 LT 29.13'	CURB RAMP
9	-L- 13+31.91 RT 36.47'	CURB RAMP

MATCHLINE -L- STA 26+00 (SEE SHEET PMP-3)



PAVEMENT MARKER LEGEND

- - CRYSTAL / RED PAVEMENT MARKER
- ◆ - YELLOW / YELLOW PAVEMENT MARKER

PAVEMENT MARKING LINES

- | | |
|------------------------------------------|----------------------|
| T1 - THERMOPLASTIC (4" WHITE, 90 MILS) | EDGELINE |
| T2 - THERMOPLASTIC (4" WHITE, 90 MILS) | SOLID LANE LINE |
| T4 - THERMOPLASTIC (4" WHITE, 90 MILS) | 3' x 9'/SP MINI-SKIP |
| T10 - THERMOPLASTIC (4" YELLOW, 90 MILS) | EDGELINE |
| T13 - THERMOPLASTIC (4" YELLOW, 90 MILS) | DOUBLE CENTER LINE |
| T41 - THERMOPLASTIC (8" WHITE, 90 MILS) | DIAGONAL LINE |
| T42 - THERMOPLASTIC (8" YELLOW, 90 MILS) | DIAGONAL LINE |
| T46 - THERMOPLASTIC (8" WHITE, 90 MILS) | WHITE CROSSWALK LINE |
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| T62 - THERMOPLASTIC (24" WHITE, 90 MILS) | CROSSWALK LINE |

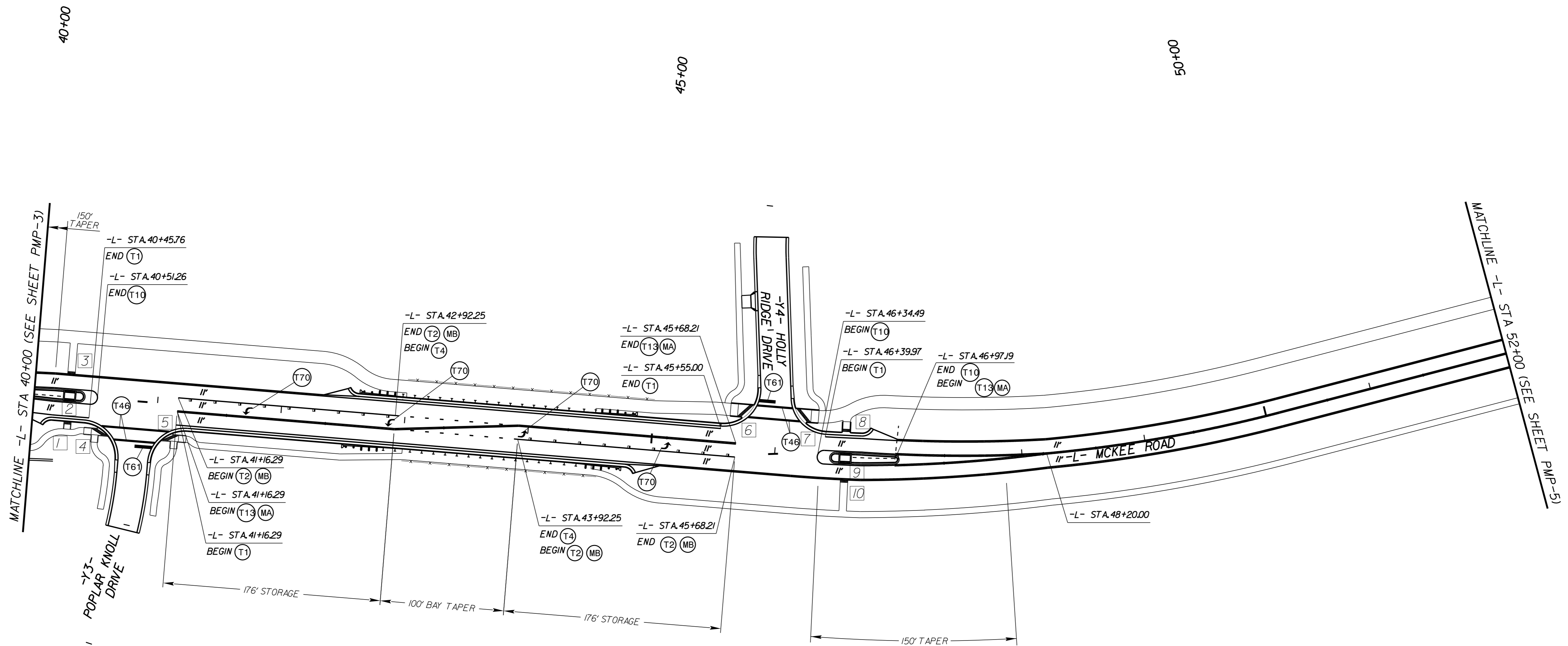
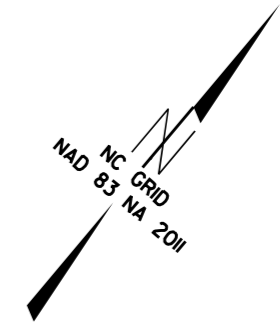
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| T74 - THERMOPLASTIC (WHITE, 90 MILS) | COMBO RIGHT/STRAIGHT ARROW |
| T75 - THERMOPLASTIC (WHITE, 90 MILS) | COMBO LEFT/RIGHT ARROW |
| T103 - THERMOPLASTIC (WHITE, 90 MILS) | 24" YIELD LINE TRIANGLE |

CURB RAMP

NO.	LOCATION	TYPE
1	-L- 32+44.02 LT 31.11'	TYPE 1 MOD
2	-L- 33+14.64 LT 33.80'	TYPE 1 MOD
3	-L- 33+62.33 LT 19.50'	TYPE 1 MOD
4	-L- 33+62.11 LT 0.17'	TYPE 7
5	-L- 33+61.96 RT 19.51'	TYPE 1 MOD

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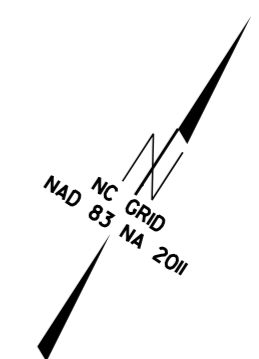
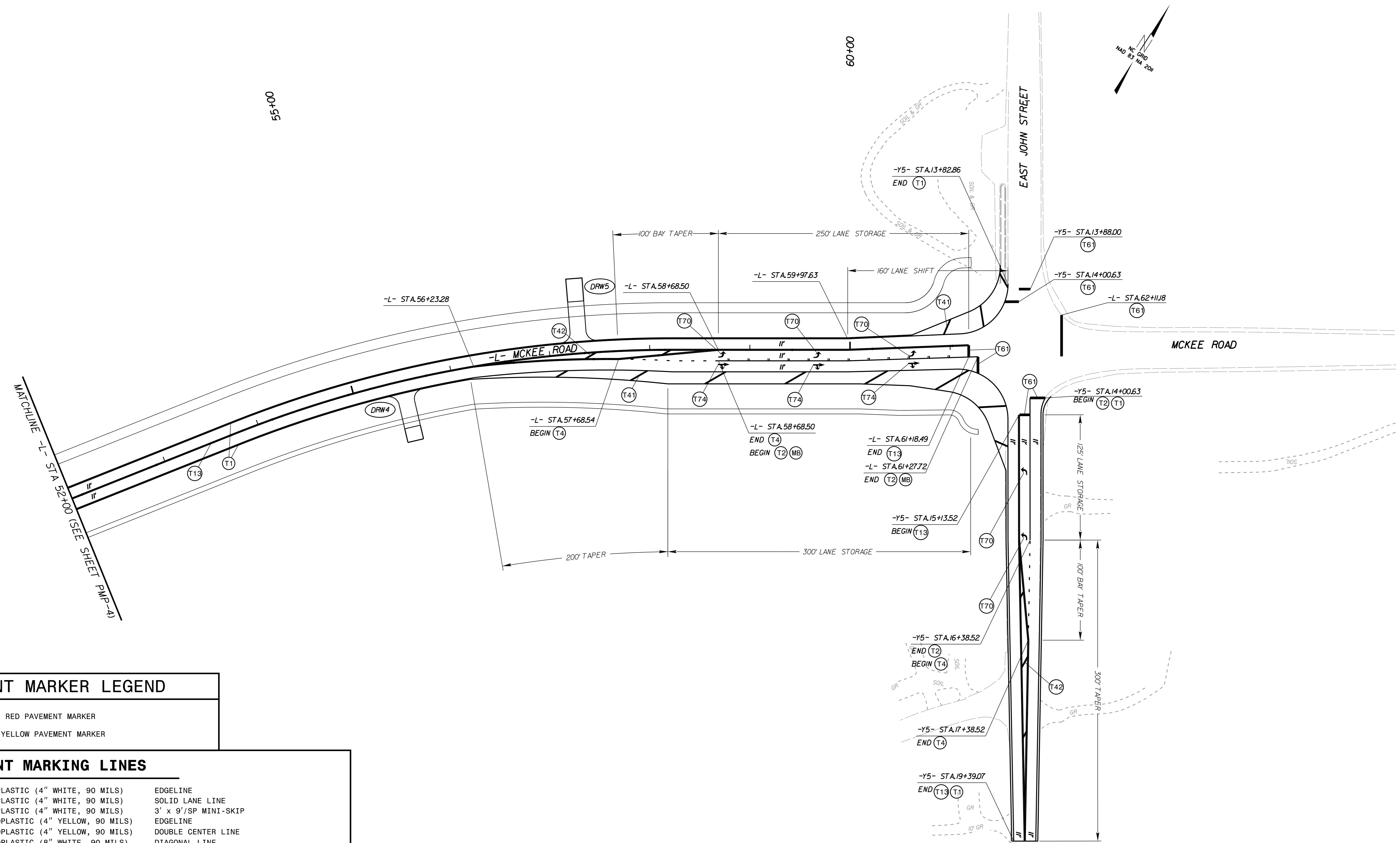
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CURB RAMPS

MARKER NO.	LOCATION	TYPE
1	-L- 40+28.44 RT 25.99'	TYPE 1 MOD
2	-L- 40+28.26 LT 0.34'	TYPE 7
3	-L- 40+28.90 LT 19.50'	TYPE 1 MOD
4	-L- 40+50.42 RT 28.28'	TYPE 1D
5	-L- 41+18.13 RT 28.96'	TYPE 1D
6	-L- 45+70.57 LT 34.22'	TYPE 1 MOD
7	-L- 46+30.39 LT 33.39'	TYPE 1 MOD
8	-L- 46+56.85 LT 23.50'	TYPE 1 MOD
9	-L- 46+56.80 RT 0.22'	TYPE 7
10	-L- 46+56.70 RT 19.50'	TYPE 1 MOD

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