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John Bauman

T.I.P.: W-5710X

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
MECKLENBURG COUNTY

TIP NO.	SHEET NO.
W-5710X	PMP-1
APPROVED: <i>John Bauman</i> _____ TYPED NAME AND TITLE	
DATE: 10/8/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, GENERAL NOTES, STANDARD DRAWINGS, AND SCHEDULE SHEET
PMP-1A	PAVEMENT MARKER DETAIL
PMP-2-3	PAVEMENT MARKING DETAIL

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" 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
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4106	LF
4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	830	LF
4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	800	LF
4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	4	EA
4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	3	EA
4890000000-E	SP	YIELD LINE THERMOPLASTIC PAVEMENT MARKING, 24", 90 MILS	165	LF
4895000000-N	SP	INLAID CRADLE PAVEMENT MARKERS	83	EA

NCDOT CONTACT:

Dustin Simpson PROJECT MANAGER

PLAN PREPARED BY:

John Bauman, PE PROJECT MANAGER

DESIGN ENGINEER

TRANSYSTEMS

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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
SR2040 (-Y4-)	THERMOPLASTIC	INLAID CRADLE MARKER
SR2041 (-Y2-)	THERMOPLASTIC	INLAID CRADLE MARKER
SR2042 (-L1-, -L2-)	THERMOPLASTIC	INLAID CRADLE MARKER
SR2108 (-Y3-)	THERMOPLASTIC	INLAID CRADLE MARKER
SR2025 (-Y1-)	THERMOPLASTIC	INLAID CRADLE MARKER

- 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 STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

PAVEMENT
MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC (4", 90 MILS)	
T1	WHITE EDGE LINE
T2	WHITE SOLID LANE LINE
T4	3 FT. - 9 FT./SP WHITE MINISKIP
T5	2 FT. - 6 FT./SP WHITE MINISKIP
T10	YELLOW EDGE LINE
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MILS)	
T40	WHITE GORE LINE
T45	3 FT. - 3 FT./SP WHITE MINISKIP
T46	WHITE CROSSWALK LINE
THERMOPLASTIC (24", 90 MILS)	
T61	WHITE STOP BAR
T62	WHITE CROSSWALK LINE
T103	24" YIELD LINE TRIANGLE
THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90 MILS)	
T100	ALPHANUMERIC CHARACTER
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T71	RIGHT TURN ARROW
T117	FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW
PAVEMENT MARKERS	
ME	YELLOW & YELLOW SNOWPLOWABLE MARKER
MF	CRYSTAL & RED SNOWPLOWABLE MARKER