


T.I.P.: B-3186/B-5898

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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

TIP NO. B-3186/B-5898	SHEET NO. PMP-1
APPROVED: <i>Ron King</i>	
DATE: 3/16/2022	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PAVEMENT MARKING PLAN  
HAYWOOD COUNTY

LOCATION: US 23 /US 74 /US 19 (GREAT SMOKY MOUNTAIN HWY)  
FROM WEST OF NC 209 (CRABTREE RD.) TO EAST OF RUSS AVE.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - 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 MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS (SHEET 1 OF 2 ONLY. SEE PMP-1B FOR REVISED SHEET 2 OF 2)
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 (SEE PMP-1C FOR REVISED RSD 1205.12)
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
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

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, GENERAL NOTES, ROADWAY STANDARD DRAWINGS, INDEX, AND PAVEMENT MARKING SCHEDULE
PMP-1A AND PMP-1C	PAVEMENT MARKING STANDARD DETAILS
PMP-2 THRU PMP-8	PAVEMENT MARKING DETAIL SHEETS

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.

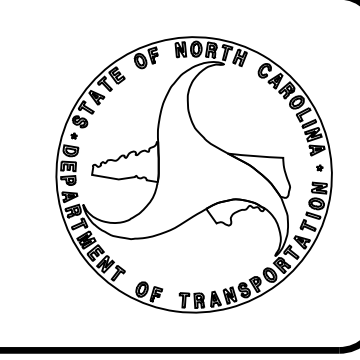
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
ALL ROADS	POLYUREA	SNOWPLOWABLE (NON-CAST IRON)
ALL BRIDGES	POLYUREA	PERMANENT RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
- G) 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

T46	THERMOPLASTIC 8" WHITE CROSSWALK LINE (90 MIL)	V13	POLYUREA 4" YELLOW DOUBLE CENTER (20 MIL)
T51	THERMOPLASTIC 12" WHITE DIAGONAL (90 MIL)	V20	POLYUREA 6" WHITE EDGELINE (20 MIL)
T61	THERMOPLASTIC 24" WHITE STOPBAR (90 MIL)	V21	POLYUREA 6" WHITE SOLID LANE LINE (20 MIL)
T62	THERMOPLASTIC 24" WHITE CROSSWALK LINE (90 MIL)	V22	POLYUREA 6" 10' WHITE SKIP (20 MIL)
T70	THERMOPLASTIC LEFT TURN ARROW (90 MIL)	V23	POLYUREA 6" 3'-9"/SP. WHITE MINI-SKIP (20 MIL)
T71	THERMOPLASTIC RIGHT TURN ARROW (90 MIL)	V24	POLYUREA 6" 2'-6"/SP. WHITE MINI-SKIP (20 MIL)
T72	THERMOPLASTIC STRAIGHT ARROW (90 MIL)	V30	POLYUREA 6" YELLOW EDGELINE (20 MIL)
T73	THERMOPLASTIC COMBO LEFT-STRAIGHT ARROW (90 MIL)	V33	POLYUREA 6" YELLOW DOUBLE CENTER (20 MIL)
T79	THERMOPLASTIC MERGE ARROW (90 MIL)	V50	POLYUREA 12" WHITE GORELINE (20 MIL)
T100	THERMOPLASTIC ALPHANUMERIC CHARACTER (90 MIL)	V53	POLYUREA 12" WHITE SOLID LANE LINE (20 MIL)
		V54	POLYUREA 12" 3'-9"/SP. WHITE MINI-SKIP (20 MIL)

<b>PLAN SUBMITTED TO: N.C.D.O.T. SIGNING AND DELINEATION UNIT</b>	
KELVIN JORDAN	SIGNING & DELINEATION STANDARDS ENGINEER
WALTER JOHNSON	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



<b>PLAN PREPARED BY: HDR ENGINEERING, INC. OF THE CAROLINAS</b>	
RON KING, P.E.	SIGNING & DELINEATION PROJECT DESIGN ENGINEER
CHRIS HARNDEN	SIGNING & DELINEATION PROJECT DESIGN TECHNICIAN



HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116