

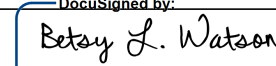

T.I.P.: R-2707D

CONTRACT NO.: C204851

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CLEVELAND COUNTY**

**LOCATION: US 74 FROM EAST OF SR 1162 (PEACHTREE RD) TO WEST OF
WESTERN END OF US 74 SHELBY BYPASS AND US 74 SHELBY BYPASS FROM EAST
OF SR 1926 (AIRPORT RD) TO EXISTING US 74 WEST OF SR 2238 (LONG BRANCH RD)**

| | |
|---|-----------------------------|
| TIP NO. R-2707D | SHEET NO. PMP - 1 |
| DocuSigned by:  APPROVED: _____ DATE: 4/24/2023 | |
|  | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

FINAL PAVEMENT MARKING SCHEDULE

| SYMBOL | DESCRIPTION | PAY ITEM | |
|--------|---|----------------|------------------------------------|
| C1 | WHITE EDGELINE | (4") | COLD APPLIED PLASTIC |
| C13 | YELLOW DOUBLE CENTER | (4") | COLD APPLIED PLASTIC |
| C51 | WHITE DIAGONAL | (12") | COLD APPLIED PLASTIC |
| C52 | YELLOW DIAGONAL | (12") | COLD APPLIED PLASTIC |
| C71 | RIGHT TURN ARROW | | COLD APPLIED PLASTIC |
| C74 | COMBO RIGHT/STRAIGHT ARROW | | COLD APPLIED PLASTIC |
| C79 | MERGE ARROW | | COLD APPLIED PLASTIC |
| C100 | ALPHANUMERIC CHAR | | COLD APPLIED PLASTIC |
| T1 | WHITE EDGELINE | (4", 90 MILS) | THERMOPLASTIC |
| T5 | 2 FT-6FT/SP WHITE MINISKIP | (4", 90 MILS) | THERMOPLASTIC |
| T13 | YELLOW DOUBLE CENTER | (4", 90 MILS) | THERMOPLASTIC |
| T41 | WHITE DIAGONAL | (8", 90 MILS) | THERMOPLASTIC |
| T61 | WHITE STOPBAR | (24", 90 MILS) | THERMOPLASTIC |
| T71 | RIGHT TURN ARROW | (90 MILS) | THERMOPLASTIC |
| T73 | COMBO LEFT/STRAIGHT ARROW | (90 MILS) | THERMOPLASTIC |
| T80 | WRONG-WAY RAMP ARROW | (90 MILS) | THERMOPLASTIC |
| T103 | 24" YIELD LINE TRIANGLE | (90 MILS) | THERMOPLASTIC |
| T112 | FISH-HOOK RIGHT/STRAIGHT ARROW | (90 MILS) | THERMOPLASTIC |
| T117 | FISH-HOOK W/ CIRCLE LEFT/STRAIGHT ARROW | (90 MILS) | THERMOPLASTIC |
| T118 | FISH-HOOK W/ CIRCLE LEFT/RIGHT/STRAIGHT ARROW | (90 MILS) | THERMOPLASTIC |
| V20 | WHITE EDGELINE | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V21 | WHITE SOLID LANE LINE | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V22 | 10 FT WHITE SKIP | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V23 | 3 FT-9FT/SP WHITE MINISKIP | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V24 | 2 FT-6FT/SP WHITE MINISKIP | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V30 | YELLOW EDGELINE | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V34 | 2 FT-6FT/SP YELLOW MINISKIP | (6", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V40 | WHITE GORELINE | (8", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V45 | 3 FT-3FT/SP WHITE MINISKIP | (8", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V50 | WHITE GORELINE | (12", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V53 | WHITE SOLID LANE LINE | (12", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |
| V54 | 3 FT-9FT/SP WHITE MINISKIP | (12", 20 MILS) | POLYUREA WITH STANDARD GLASS BEADS |

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 |
| -L-, RAMPS, LOOPS, -Y5- | POLYUREA WITH STANDARD GLASS BEADS | SNOWPLOWABLE |
| -L- BRIDGES | POLYUREA WITH STANDARD GLASS BEADS | RAISED |
| -Y- LINES | THERMOPLASTIC | SNOWPLOWABLE |
| -Y- LINE BRIDGES | COLD APPLIED PLASTIC | 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 OR COLD APPLIED PLASTIC 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.
 - H) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.
 - I) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD APPLIED PLASTIC. IF TYPE III COLD APPLIED PLASTIC IS USED, IT SHALL BE PAID FOR USING THE TYPE II COLD APPLIED PLASTIC PAY ITEM.

ROADWAY STANDARD DRAWINGS

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 & OFFSETS |
| 1205.02 | PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS |
| 1205.03 | PAVEMENT MARKINGS - EXIT & ENTRANCE RAMPS |
| 1205.04 | PAVEMENT MARKINGS - INTERSECTIONS (SEE SHEET 1A FOR SHEET 2 OF 2) |
| 1205.05 | PAVEMENT MARKINGS - TURN LANES |
| 1205.06 | PAVEMENT MARKINGS - LANE DROPS |
| 1205.08 | PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES |
| 1205.09 | PAVEMENT MARKINGS - PAINTED ISLANDS |
| 1205.12 | PAVEMENT MARKINGS - BRIDGES (SEE SHEET 1B) |
| 1205.13 | PAVEMENT MARKINGS - LANE REDUCTIONS |
| 1205.14 | PAVEMENT MARKINGS - ROUNDABOUTS |
| 1250.01 | RAISED PAVEMENT MARKERS - INSTALLATION SPACING |
| 1251.01 | RAISED PAVEMENT MARKERS - PERMANENT & TEMPORARY |
| 1253.01 | RAISED PAVEMENT MARKERS - SNOWPLOWABLE |
| 1261.01 | GUARDRAIL & BARRIER DELINEATORS - INSTALLATION SPACING |
| 1261.02 | GUARDRAIL & BARRIER DELINEATORS - TYPES & MOUNTING |
| 1262.01 | GUARDRAIL END DELINEATION |

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|---|--|
| PLAN PREPARED BY: |  |
| BETSY L. WATSON, P.E. SENIOR TRANSPORTATION ENGINEER | Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672 |
| ROSI R. HENNEIN TRANSPORTATION DESIGNER | |

INDEX

| SHEET NO. | DESCRIPTION |
|------------|--|
| PMP - 1 | PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET |
| PMP - 2-37 | PAVEMENT MARKING DETAIL |