

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN  
CATAWBA COUNTY

LOCATION: NC 127 – 1ST AVENUE SE TO 2ND AVENUE SE

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - CONTRACT STANDARDS AND DEVELOPMENT 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       |
| 1264.01  | OBJECT MARKERS - TYPES                              |
| 1264.02  | OBJECT MARKERS - INSTALLATION                       |

INDEX

| SHEET NO. | DESCRIPTION                 |
|-----------|-----------------------------|
| PMP-1     | PAVEMENT MARKING PLAN TITLE |
| PMP-2     | PAVEMENT MARKING SCHEDULE   |
| PMP-3     | PAVEMENT MARKING DETAIL     |
| PMP-4     | CROSSWALK LOCATION DETAILS  |

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 | THERMOPLASTIC | SNOWPLOWABLE<br>(POLYCARBONATE<br>H-SHAPED MARKERS) |

- 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) 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.
- G) 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.
- H) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

TIP NO.  
U-5777

SHEET NO.  
PMP - 1

APPROVED: 

DocuSigned by:  
Andrew D. Klinksiek  
E3D78FB4598E44B...

DATE: 2/17/2025

SEAL  

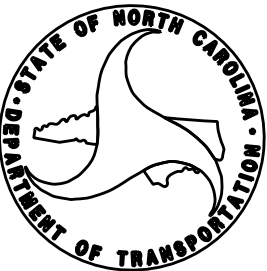
NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
ANDREW D. KLINSIEK

SEAL  
403II

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED FOR: N.C.D.O.T. SIGNING & DELINEATION

Walter Johnson N.C.D.O.T. WESTERN REGION DESIGN ENGINEER



PLAN PREPARED BY: HNTB NORTH CAROLINA, P.C.

A.D. Klinksiek, PE, PTOE PROJECT ENGINEER

J.A. Wagner, PE DESIGN ENGINEER

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\$\$\$\$\$SYSTEM\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

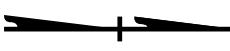
FINAL PAVEMENT MARKING SCHEDULE

| MATERIAL                                                                  | SYMBOL | DESCRIPTION                      |
|---------------------------------------------------------------------------|--------|----------------------------------|
| PAVEMENT MARKING                                                          |        |                                  |
| THERMOPLASTIC (4", 90 MILS)                                               |        |                                  |
|                                                                           | T2     | WHITE SOLID LANE LINE            |
|                                                                           | T3     | 10 FT. WHITE SKIP                |
|                                                                           | T4     | 3 FT. - 9 FT./SP WHITE MINISKIP  |
|                                                                           | T5     | 2 FT. - 6 FT./SP WHITE MINISKIP  |
|                                                                           | T10    | YELLOW EDGELINE                  |
|                                                                           | T13    | YELLOW DOUBLE CENTER             |
|                                                                           | T14    | 2 FT. - 6 FT./SP YELLOW MINISKIP |
| THERMOPLASTIC (8", 90 MILS)                                               |        |                                  |
|                                                                           | T43    | WHITE SOLID LANE LINE            |
|                                                                           | T44    | 3 FT. - 9 FT./SP WHITE MINISKIP  |
|                                                                           | T46    | WHITE CROSSWALK LINE             |
| THERMOPLASTIC (24", 90 MILS)                                              |        |                                  |
|                                                                           | T61    | WHITE STOPBAR                    |
| THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)                          |        |                                  |
|                                                                           | T70    | LEFT TURN ARROW                  |
|                                                                           | T71    | RIGHT TURN ARROW                 |
|                                                                           | T72    | STRAIGHT ARROW                   |
|                                                                           | T73    | COMBO LEFT/STRAIGHT ARROW        |
|                                                                           | T74    | COMBO RIGHT/STRAIGHT ARROW       |
| THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90 MILS)                       |        |                                  |
|                                                                           | T100   | ALPHANUMERIC CHARACTER           |
| SNOWPLOWABLE PAVEMENT MARKERS (POLYCARBONATE H-SHAPED MARKERS, NOT SHOWN) |        |                                  |
|                                                                           | ME     | YELLOW & YELLOW                  |
|                                                                           | MF     | CRYSTAL & RED                    |

LEGEND

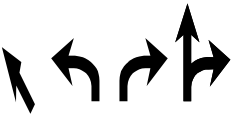
GENERAL

 DIRECTION OF TRAFFIC FLOW

 NORTH ARROW

 PROPOSED PVMT.     EXIST. PVMT.

PAVEMENT MARKINGS

 PAVEMENT MARKING SYMBOLS

 PAVEMENT MARKING CHARACTERS

| PAVEMENT MARKING SYMBOLS                                                              |     |                                                                                       |      |
|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|------|
|  | T70 |  | T73  |
|  | T71 |  | T74  |
|  | T72 | ONLY                                                                                  | T100 |



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PAVEMENT MARKING SCHEDULE

|                                                                                     |           |
|-------------------------------------------------------------------------------------|-----------|
| TIP NO.                                                                             | SHEET NO. |
| U-5777                                                                              | PMP - 2   |
| DocuSigned by:<br>APPROVED: Andrew D. Klinksek<br>E3078FB4598E44B...                |           |
| DATE: 2/17/2025                                                                     |           |
| SEAL                                                                                |           |
|  |           |
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CURB RAMP LOCATIONS

- 1 -L\_LT- STA 14+05+/-, 30.0' LT (STANDARD)

2 -Y- STA 13+65+/-, 39.7' LT (STANDARD)

3 -Y- STA 13+64+/-, 19.8' RT (TYPE 3 MOD)

4 -L- STA 15+23+/-, 53.4' LT (TYPE 3 MOD)

5 -L- STA 15+24+/-, 48.9' RT (STANDARD)

6 -Y- STA 12+35+/-, 29.0' RT (STANDARD)

7 -Y- STA 12+35+/-, 27.9' LT (TYPE 3 MOD)

8 -L\_RT- STA 13+13+/-, 26.9' RT (STANDARD)
- 9 -L\_RT- STA 13+09+/-, 19.75' LT (TYPE 7)

10 -L- STA 17+54+/-, 72.1' LT (TYPE 3 MOD)

11 -L- STA 17+60+/-, 80.8' LT (TYPE 3 MOD)

12 -L- STA 18+14+/-, 80.4' LT (TYPE 3 MOD)

13 -L- STA 18+31+/-, 51.7' LT (TYPE 3 MOD)

14 -L- STA 18+33+/-, 5.8' RT (TYPE 7)

15 -L- STA 18+38+/-, 52.6' LT (TYPE 3 MOD)

16 -L- STA 18+32+/-, 58.0' LT (TYPE 3 MOD)
- 17 -L- STA 17+76+/-, 53.5' RT (TYPE 3 MOD)

18 -L- STA 17+70+/-, 47.7' RT (TYPE 3 MOD)

19 -L- STA 20+80+/-, 43.3' RT (TYPE 1 MOD)

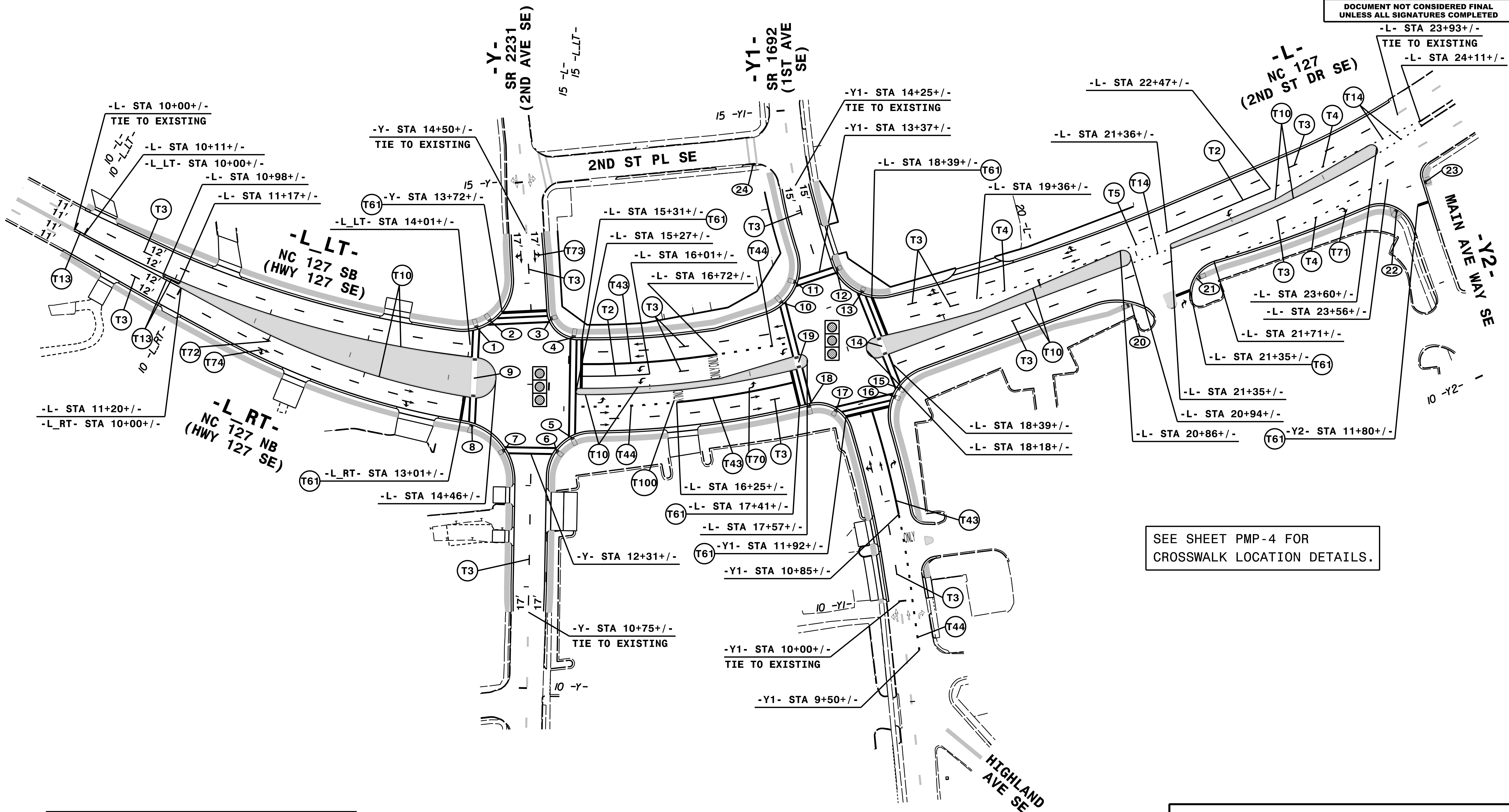
20 -L- STA 20+80+/-, 43.3' RT (TYPE 1 MOD)

21 -L- STA 21+48+/-, 39.4' RT (TYPE 1 MOD)

22 -L- STA 23+48+/-, 62.4' RT (TYPE 1D)

23 -L- STA 23+87+/-, 50.9' RT (TYPE 3)

24 -Y1- STA 14+53+/-, 36.9' LT (TYPE 2)



NOTE: ALL LANE WIDTHS ARE 12' UNLESS OTHERWISE SHOWN.

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PAVEMENT MARKING DETAIL

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| TIP NO.                                                          | SHEET NO. |
| U-5777                                                           | PMP-3     |
| APPROVED: <i>Andrew D. Klinksek</i>                              |           |
| DATE: 2/17/2025                                                  |           |
| SEAL                                                             |           |
|                                                                  |           |
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