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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN  
PITT COUNTY

LOCATION: BRIDGE NO. 87 OVER NORFOLK SOUTHERN RAILROAD  
ON NC 33

TIP NO. SHEET NO.  
B-5301 PMP - 1

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

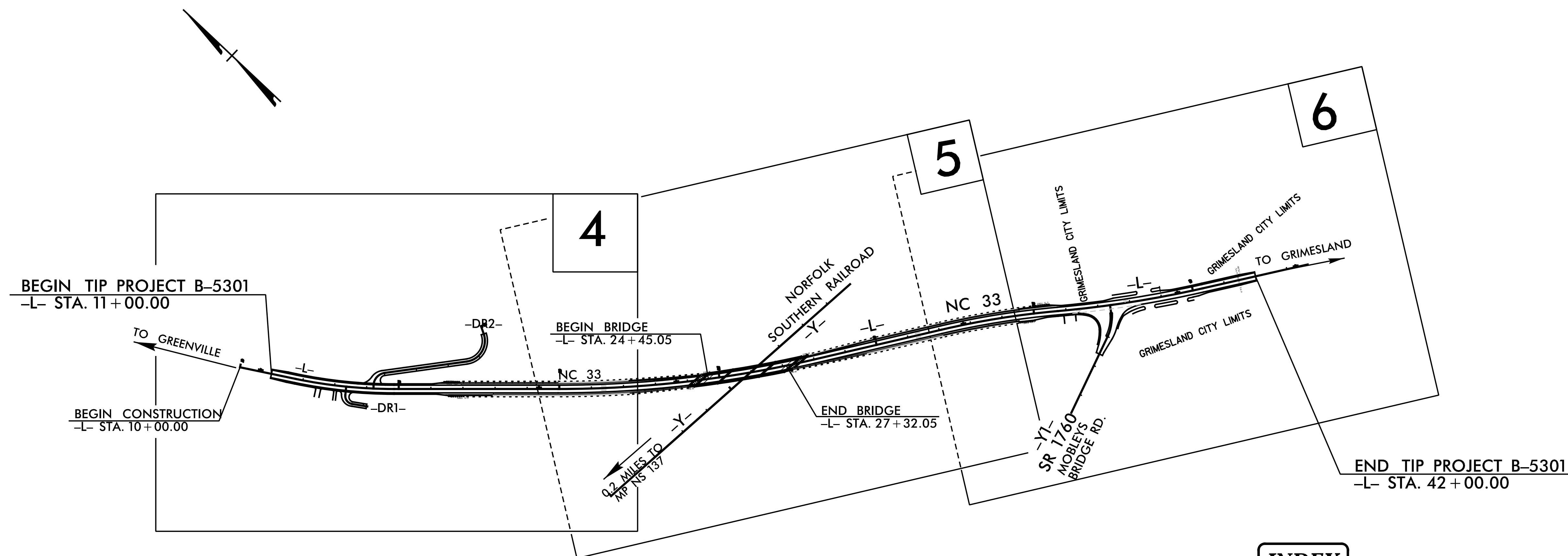
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TIP PROJECT: B-5301

CONTRACT: C204414

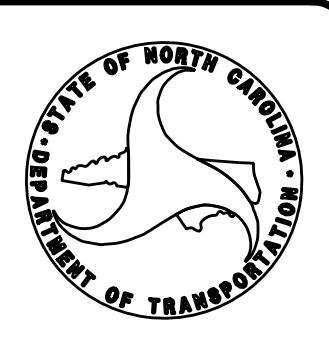


INDEX

| SHEET NO. | DESCRIPTION  |
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| PMP - 1   | PAVEMENT MARKING PLAN TITLE SHEET  |
| PMP - 2   | PAVEMENT MARKING SCHEDULE, QUANTITIES, GENERAL NOTES & STANDARD DRAWINGS |
| PMP - 3-5 | PAVEMENT MARKING DETAILS   |

N.C.D.O.T. CONTACT INFORMATION

|                              |   |
|------------------------------|---|
| <u>Ayman I. Alqudwah, PE</u> | SIGNING AND DELINEATION REGIONAL ENGINEER       |
| <u>D.M. Eaton, PE</u>        | SIGNING AND DELINEATION PROJECT DESIGN ENGINEER |



PLAN PREPARED BY:  
SEPI ENGINEERING & CONSTRUCTION

|                         |                 |
|-------------------------|-----------------|
| <u>Steve Miller, PE</u> | PROJECT MANAGER |
| <u>John Bauman, EI</u>  | DESIGN ENGINEER |

**SEPI**

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**PAVEMENT MARKING SCHEDULE**

| SYMBOL | DESCRIPTION                     |   |
|--------|---------------------------------|---|
|        |                                 | <u>THERMOPLASTIC (4", 90 MILS)</u>          |
| T1     | WHITE EDGE LINE                 |   |
| T5     | 2 FT. - 6 FT./SP WHITE MINISKIP |   |
| T13    | YELLOW DOUBLE CENTER            |   |
|        |                                 | <u>THERMOPLASTIC (24", 90 MILS)</u>         |
| T61    | WHITE STOP BAR                  |   |
|        |                                 | <u>POLYUREA (4", 20 MILS)</u>               |
| V1     | WHITE EDGELINE                  |   |
| V13    | YELLOW DOUBLE CENTER            |   |
|        |                                 | <u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u> |
| ME     | YELLOW & YELLOW                 |   |

**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         |
|----------------------|---|----------------|
| NC 33                | THERMOPLASTIC WITH STANDARD GLASS BEADS | SNOWPLOWABLE   |
| CONCRETE BRIDGE DECK | POLYUREA WITH STANDARD GLASS BEADS      | RAISED 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) 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.

**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 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 MULTILANE ROADWAYS      |
| 1205.04  | PAVEMENT MARKINGS - INTERSECTIONS                        |
| 1205.12  | PAVEMENT MARKINGS - BRIDGES                              |
| 1250.01  | RAISED PAVEMENT MARKERS - INSTALLATION SPACING           |
| 1253.01  | RAISED PAVEMENT MARKERS - SNOWPLOWABLE                   |
| 1261.01  | GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING |
| 1261.02  | GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING   |

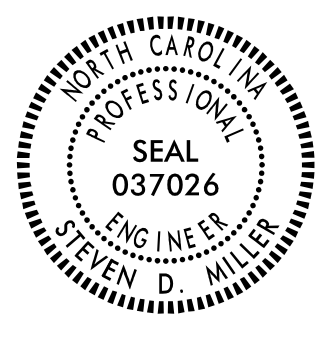
**SUMMARY OF QUANTITIES**

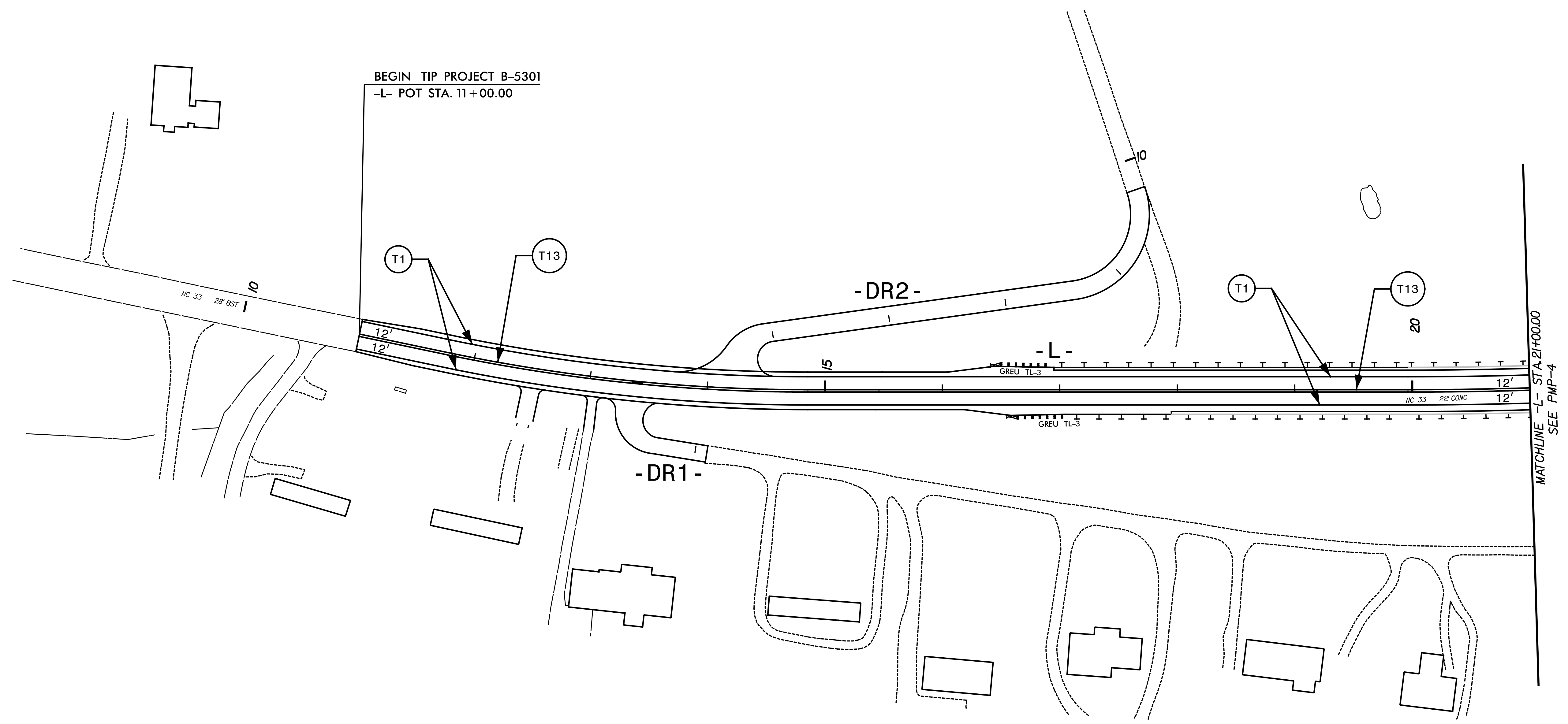
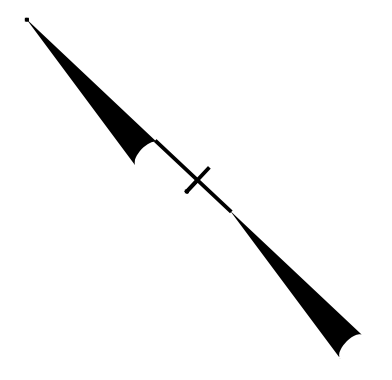
| ITEM NO.     |           | ITEM DESCRIPTION   | QUANTITY | UNIT |
|--------------|-----------|--|----------|------|
| DESC. NO.    | SECT. NO. |  |          |      |
| 4685000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)                   | 12,625   | LF   |
| 4890000000-E | SP        | POLYUREA PAVEMENT MARKING LINES (4", 20 MILS) (STANDARD GLASS BEADS) | 1,160    | LF   |
| 4891000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)                  | 40       | LF   |
| 4900000000-N | 1251      | PERMANENT RAISED PAVEMENT MARKERS                                    | 5        | EA   |
| 4905000000-N | 1253      | SNOWPLOWABLE PAVEMENT MARKERS  | 38       | EA   |

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**PAVEMENT MARKING SCHEDULE,  
GENERAL NOTES, STANDARD  
DRAWINGS, AND QUANTITIES**

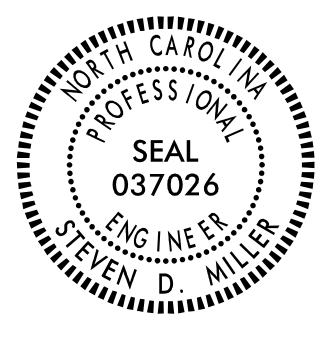
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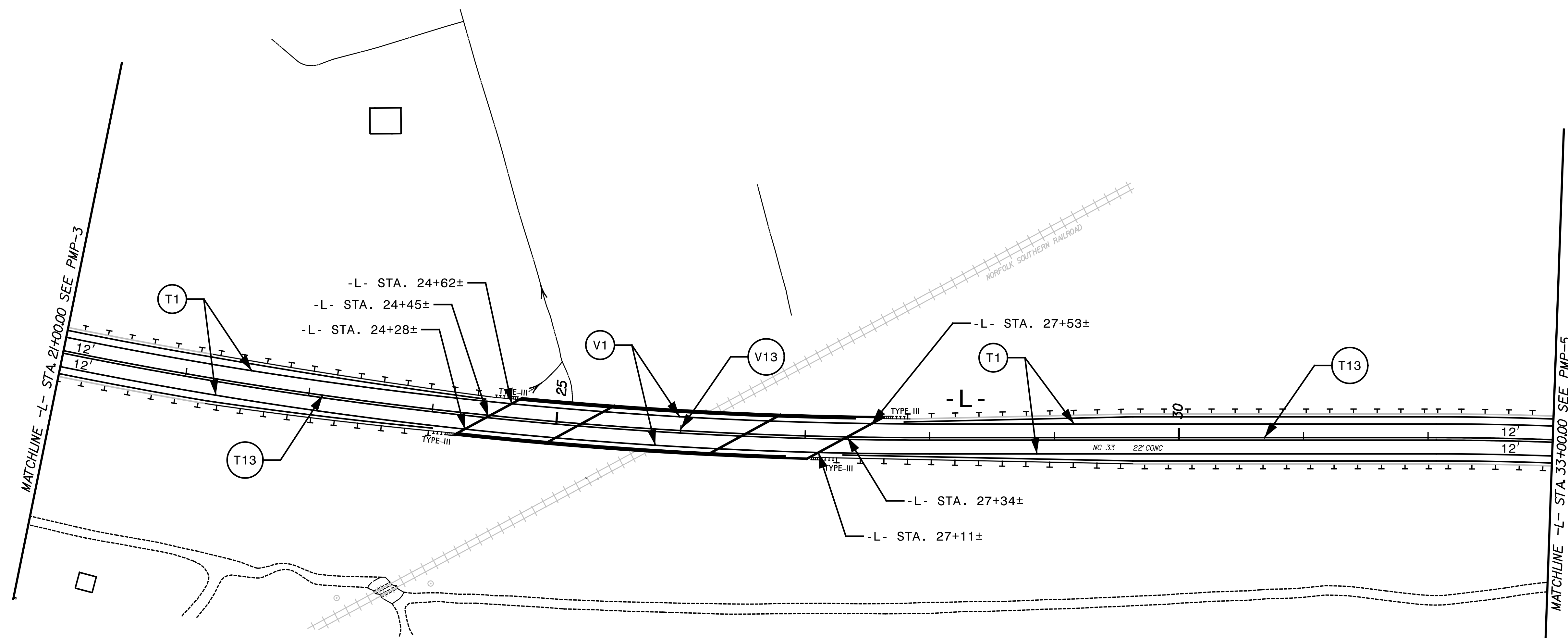
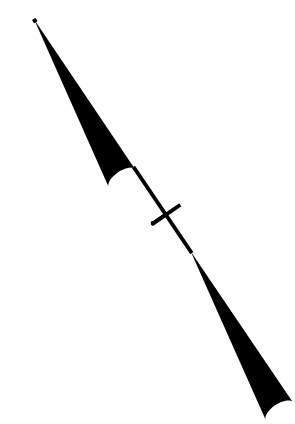


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PAVEMENT MARKING DETAIL

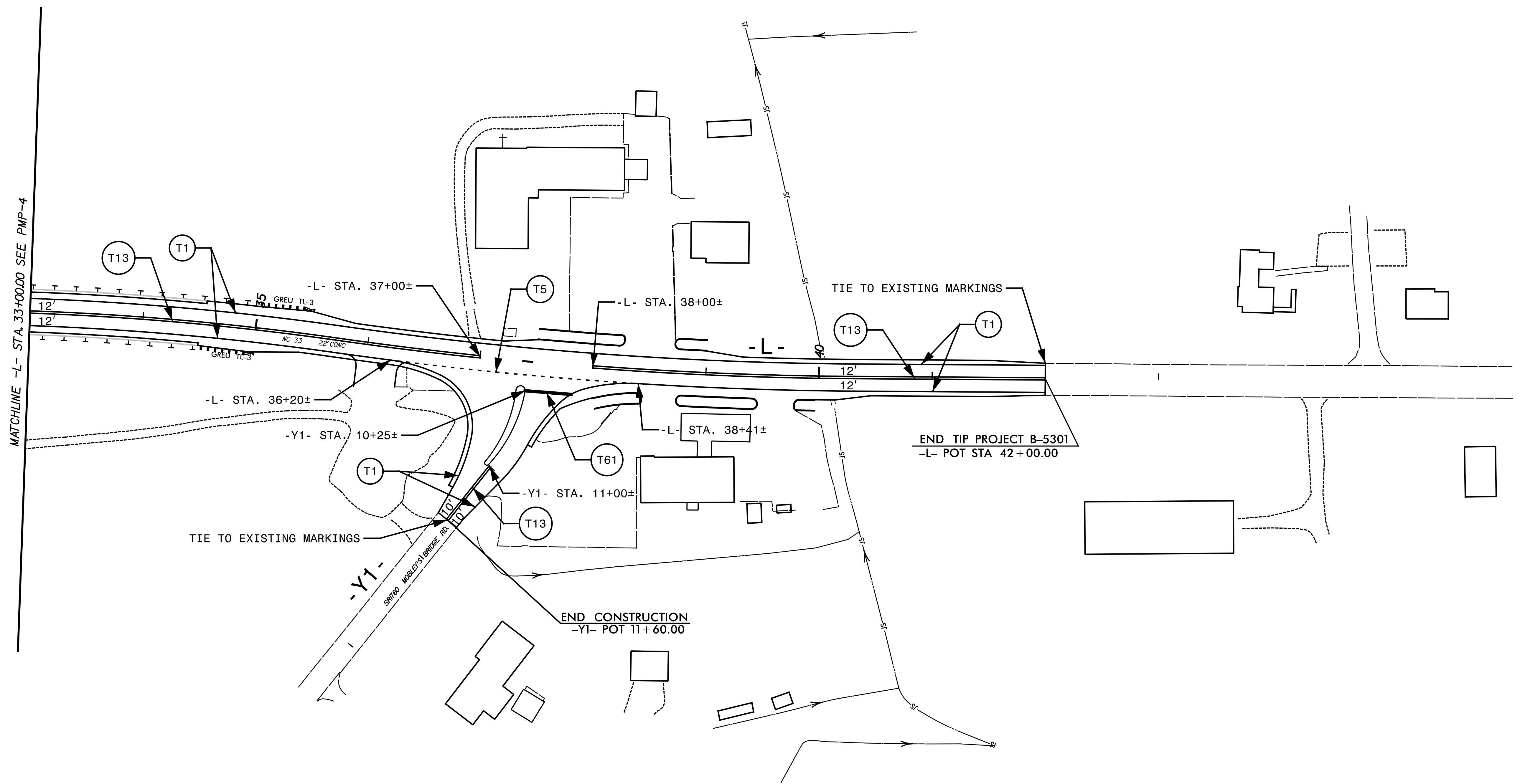
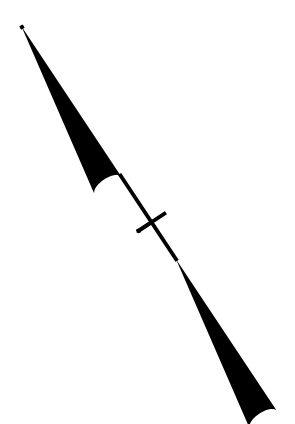
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PAVEMENT MARKING DETAIL



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## PAVEMENT MARKING DETAIL