

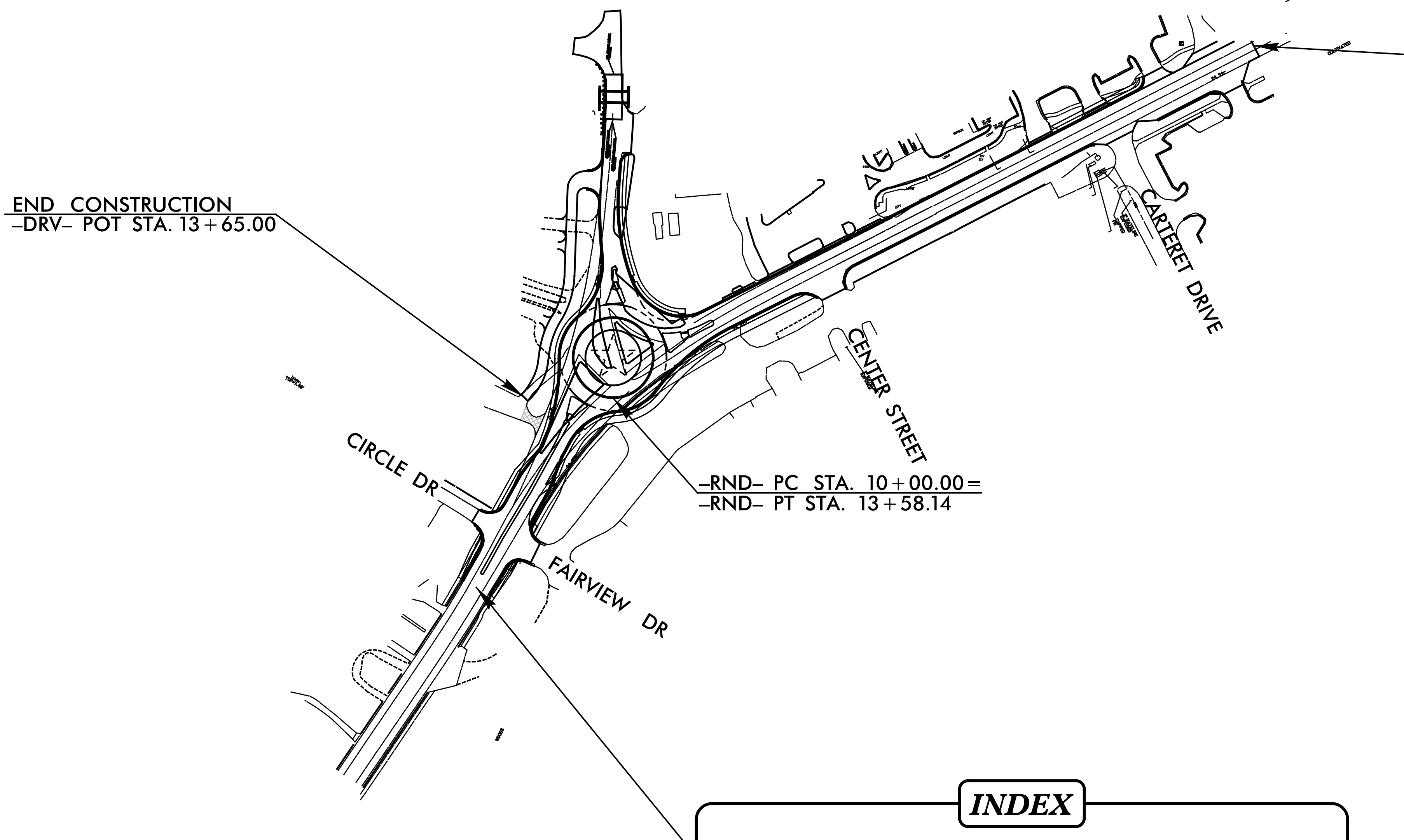
CONTRACT: C205075 TIP PROJECT: U-6058

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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN  
CARTERET COUNTY

LOCATION: SINGLE LANE ROUNDABOUT AT THE INTERSECTION OF  
SR 1493 (LIVE OAK STREET) AND NC 101



PLAN PREPARED BY:  
SEPI, INC.

Steve Miller, P.E. PROJECT MANAGER

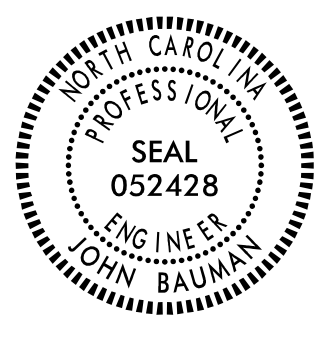
John Bauman, P.E. DESIGN ENGINEER

INDEX

| SHEET NO.   | DESCRIPTION                                                                          |
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| PMP - 1     | PAVEMENT MARKING PLAN TITLE SHEET                                                    |
| PMP - 2     | PAVEMENT MARKING SCHEDULE, QUANTITIES,<br>GENERAL NOTES, & ROADWAY STANDARD DRAWINGS |
| PMP - 3 - 5 | PAVEMENT MARKING DETAIL                                                              |

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| TIP NO.                                                                                                             | SHEET NO. |
| U - 6058                                                                                                            | PMP - 1   |
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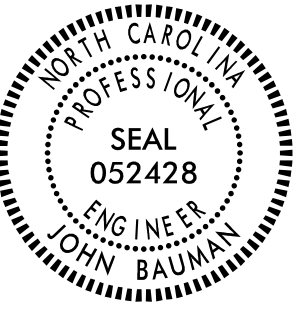
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PAVEMENT MARKING SCHEDULE

| 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                |  |
| T11                                                 | YELLOW SINGLE CENTER            |  |
| T12                                                 | 10 FT. YELLOW SKIP              |  |
| T13                                                 | YELLOW DOUBLE CENTER            |  |
| THERMOPLASTIC (6", 90 MILS)                         |                                 |  |
| T20                                                 | WHITE EDGE LINE                 |  |
| T24                                                 | 2 FT. - 6 FT./SP WHITE MINISKIP |  |
| T30                                                 | YELLOW EDGE LINE                |  |
| T33                                                 | YELLOW DOUBLE CENTER            |  |
| THERMOPLASTIC (8", 90 MILS)                         |                                 |  |
| T40                                                 | WHITE GORE LINE                 |  |
| T41                                                 | WHITE DIAGONAL                  |  |
| T42                                                 | YELLOW DIAGONAL                 |  |
| T43                                                 | WHITE SOLID LANE LINE           |  |
| T44                                                 | 3 FT. - 9 FT./SP WHITE MINISKIP |  |
| T45                                                 | 3 FT. - 3 FT./SP WHITE MINISKIP |  |
| T46                                                 | WHITE CROSSWALK LINE            |  |
| THERMOPLASTIC (24", 90 MILS)                        |                                 |  |
| T61                                                 | WHITE STOP BAR                  |  |
| T62                                                 | WHITE CROSSWALK LINE            |  |
| THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90 MILS) |                                 |  |
| T100                                                | ALPHANUMERIC CHARACTER          |  |
| THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)    |                                 |  |
| T70                                                 | LEFT TURN ARROW                 |  |
| T71                                                 | RIGHT TURN ARROW                |  |
| T103                                                | 24" YIELD LINE TRIANGLE         |  |
| POLYCARBONATE H-SHAPED PAVEMENT MARKERS             |                                 |  |
| ME                                                  | YELLOW & YELLOW                 |  |
| MF                                                  | CRYSTAL & RED                   |  |

ROADWAY STANDARD DRAWINGS

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 |
| 1205.05  | PAVEMENT MARKINGS - TURN LANES                      |
| 1205.07  | PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS           |
| 1205.08  | PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES       |
| 1205.09  | PAVEMENT MARKINGS - PAINTED ISLANDS                 |
| 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)      | 6157     | LF   |
| 4688000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)      | 841      | LF   |
| 4695000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)      | 971      | LF   |
| 4709000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)     | 350      | LF   |
| 4720000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)      | 8        | EA   |
| 4725000000-E | 1205      | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)         | 11       | EA   |
| 4890000000-E | SP        | YIELD LINE THERMOPLASTIC PAVEMENT MARKING, 24", 90 MILS | 55       | LF   |
| 4895000000-N | SP        | POLYCARBONATE H-SHAPED PAVEMENT MARKERS                 | 76       | EA   |

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       |
|-----------|---------------|--------------|
| US 70 BUS | THERMOPLASTIC | SNOWPLOWABLE |
| NC 101    | THERMOPLASTIC | SNOWPLOWABLE |

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.

F) ALL BICYCLE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE HEATED-IN-PLACE PAY ITEM.

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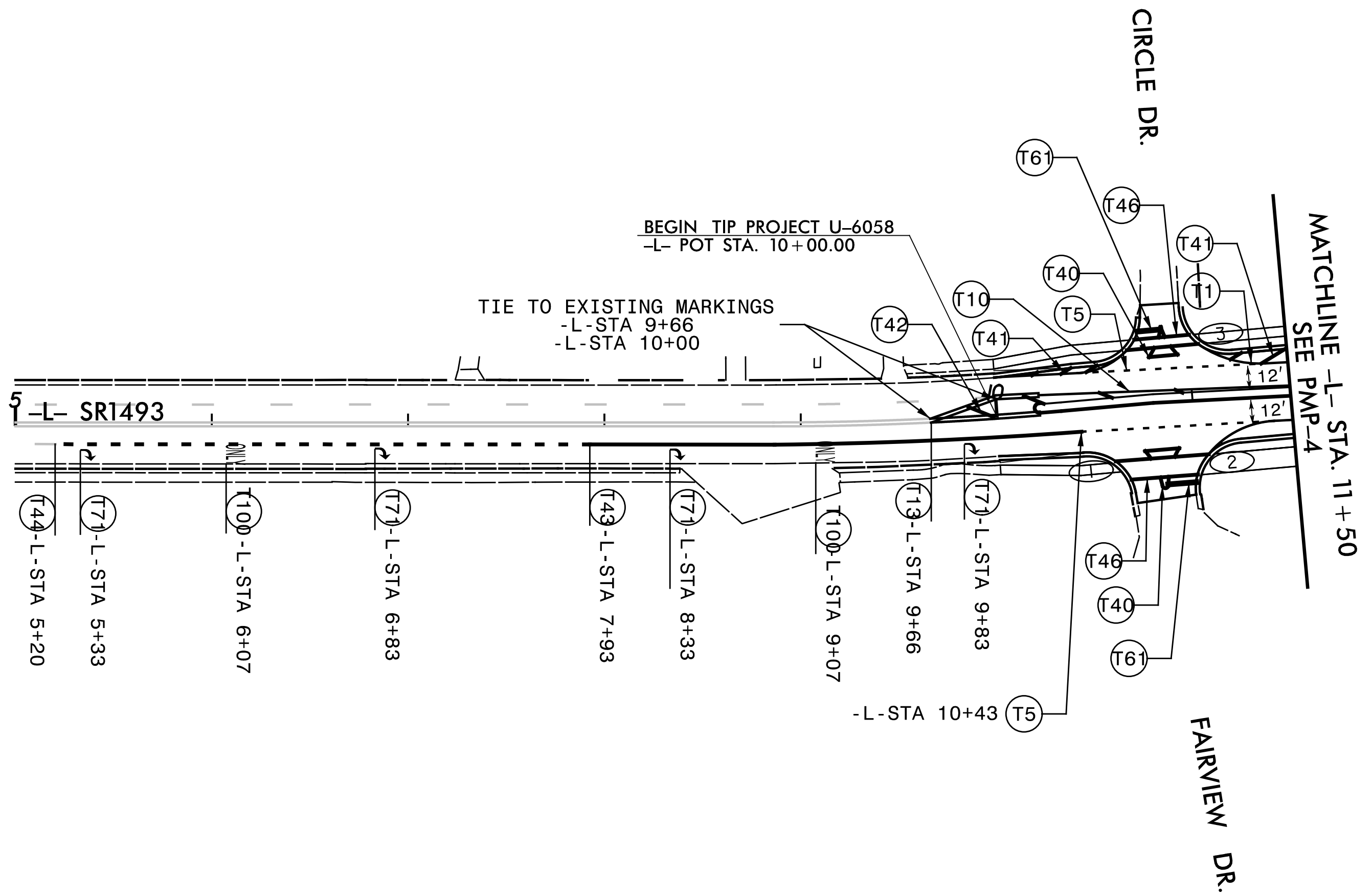
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PAVEMENT MARKING SCHEDULE,  
SUMMARY OF QUANTITIES, GENERAL  
NOTES, AND ROADWAY STANDARD  
DRAWINGS



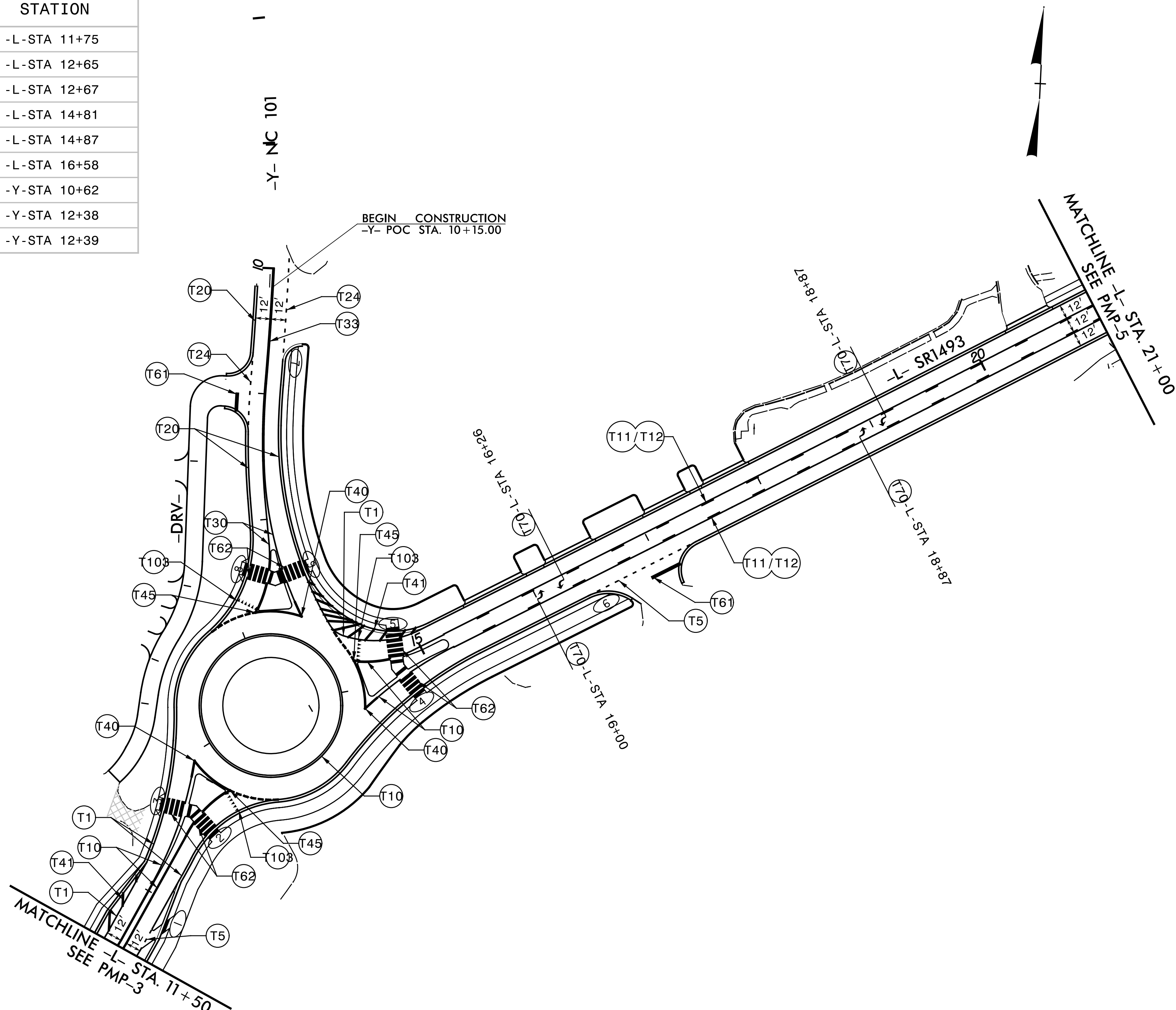
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| U-6058                                                                              | PMP-3     |
| Discovered by:<br><i>John Bauman</i>                                                |           |
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| NUMBER | CURB RAMP       | STATION      |
|--------|-----------------|--------------|
| ①      | TYPE 1 MODIFIED | -L-STA 10+58 |
| ②      | TYPE 1 MODIFIED | -L-STA 11+04 |
| ③      | TYPE 1 MODIFIED | -L-STA 11+05 |





| NUMBER | CURB RAMP       | STATION      |
|--------|-----------------|--------------|
| ①      | TYPE 3          | -L-STA 11+75 |
| ②      | TYPE 3 MODIFIED | -L-STA 12+65 |
| ③      | TYPE 3 MODIFIED | -L-STA 12+67 |
| ④      | TYPE 3 MODIFIED | -L-STA 14+81 |
| ⑤      | TYPE 1A         | -L-STA 14+87 |
| ⑥      | TYPE 1 MODIFIED | -L-STA 16+58 |
| ⑦      | TYPE 1 MODIFIED | -Y-STA 10+62 |
| ⑧      | TYPE 1A         | -Y-STA 12+38 |
| ⑨      | TYPE 3 MODIFIED | -Y-STA 12+39 |



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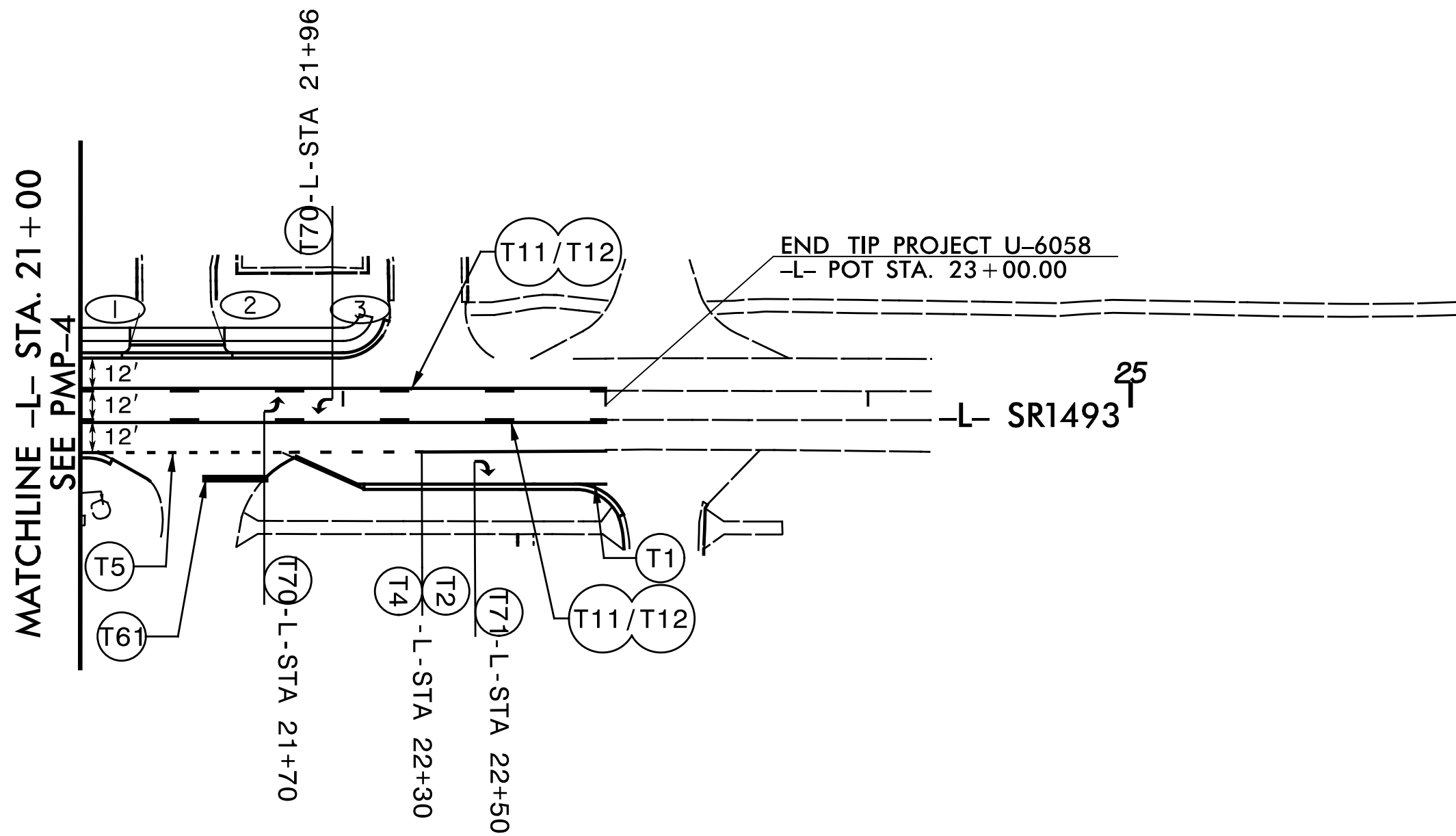
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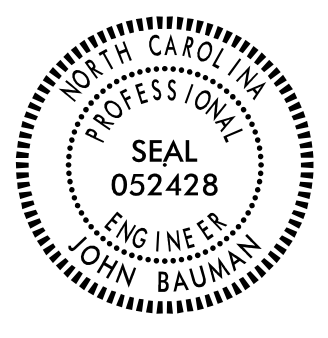


| NUMBER | CURB RAMP       | STATION      |
|--------|-----------------|--------------|
| ①      | TYPE 1 MODIFIED | -L-STA 21+23 |
| ②      | TYPE 1 MODIFIED | -L-STA 21+50 |
| ③      | TYPE 1 MODIFIED | -L-STA 22+18 |

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PAVEMENT MARKING DETAIL

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| U-6058                                                                                                              | PMP-5     |
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