

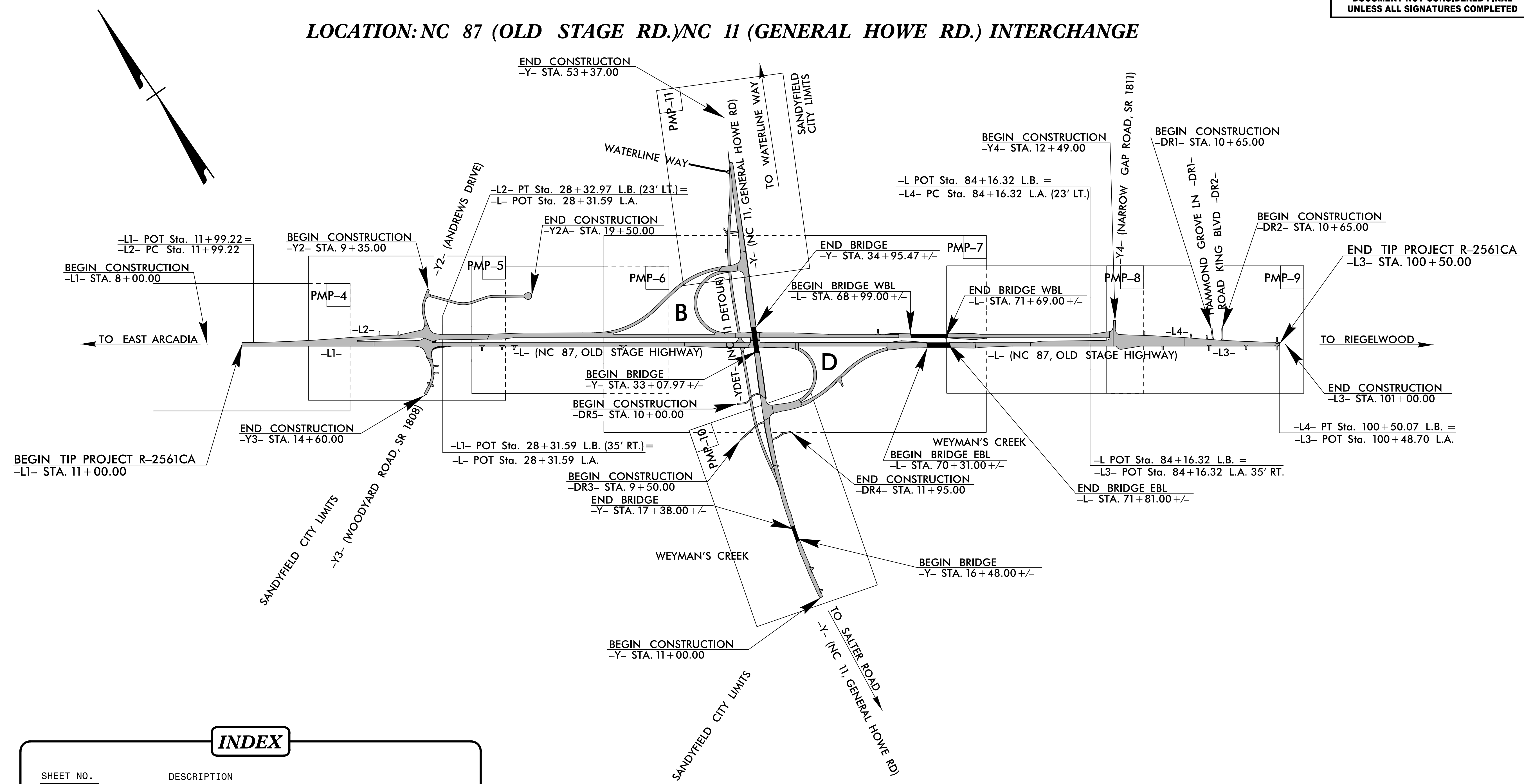
**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
COLUMBUS COUNTY**

**LOCATION: NC 87 (OLD STAGE RD.)/NC 11 (GENERAL HOWE RD.) INTERCHANGE**

**TIP PROJECT: R-2561CA**

**CONTRACT: -**



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SHEET NO.	DESCRIPTION
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PMP-2	PAVEMENT MARKING SCHEDULE & SUMMARY OF QUANTITIES
PMP-3	GENERAL NOTES & ROADWAY STANDARD DRAWINGS
PMP-4-11	PAVEMENT MARKING DETAILS

**PLAN PREPARED BY:**  
SEPI, INC.

Steve Miller, PE PROJECT MANAGER  
John Bauman, PE DESIGN ENGINEER

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## PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	
		<u>THERMOPLASTIC (4", 90 MILS)</u>
T1	WHITE EDGE LINE	
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 EDGE LINE	
T13	YELLOW DOUBLE CENTER	
T14	2 FT. - 6 FT./SP YELLOW MINISKIP	
		<u>THERMOPLASTIC (8", 90 MILS)</u>
T40	WHITE GORE LINE	
T41	WHIE DIAGONAL	
T42	YELLOW DIAGONAL	
T43	WHITE SOLID LANE LINE	
		<u>THERMOPLASTIC (12", 90 MILS)</u>
T52	YELLOW DIAGONAL	
		<u>THERMOPLASTIC (24", 90 MILS)</u>
T61	WHITE STOP BAR	
		<u>COLD APPLIED PLASTIC (4")</u>
C1	WHITE EDGE LINE	
C3	10 FT. WHITE SKIP	
C4	3 FT. - 9 FT./SP WHITE MINISKIP	
C10	YELLOW EDGE LINE	
C13	YELLOW DOUBLE CENTER	
		<u>COLD APPLIED PLASTIC (12")</u>
C52	YELLOW DIAGONAL	
		<u>THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90 MILS)</u>
T103	24" YIELD LINE TRIANGLE	
		<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
T70	LEFT TURN ARROW	
T71	RIGHT TURN ARROW	
T77	U-TURN ARROW	
T79	MERGE ARROW	
T80	WRONG-WAY RAMP ARROW	
		<u>PAVEMENT MARKERS</u>
MA	PERMANENT RAISED MARKER	
MB	PERMANENT RAISED MARKER	
ME	SNOWPLOWABLE MARKER	
MF	SNOWPLOWABLE MARKER	

## SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	72,451	LF
4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	9,100	LF
4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	300	LF
4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM (24", 90 MILS)	60	LF
4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTERS (90 MILS)	20	EA
4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	44	EA
4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")	3,139	LF
4785000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (12")	145	LF
4900000000-N	1253	RAISED PAVEMENT MARKERS - PERMANENT RAISED	35	EA
4905100000-N	SP	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	1,071	EA

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**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:

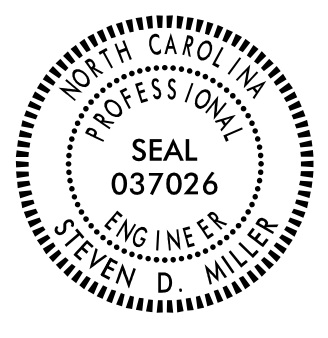
ROAD NAME	MARKING	MARKER
NC 87 / NC 11	THERMOPLASTIC	SNOWFLOWABLE
CONCRETE BRIDGE DECKS	COLD APPLIED PLASTIC	PERMANENT RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- E) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKING MATERIAL.
- 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) 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.

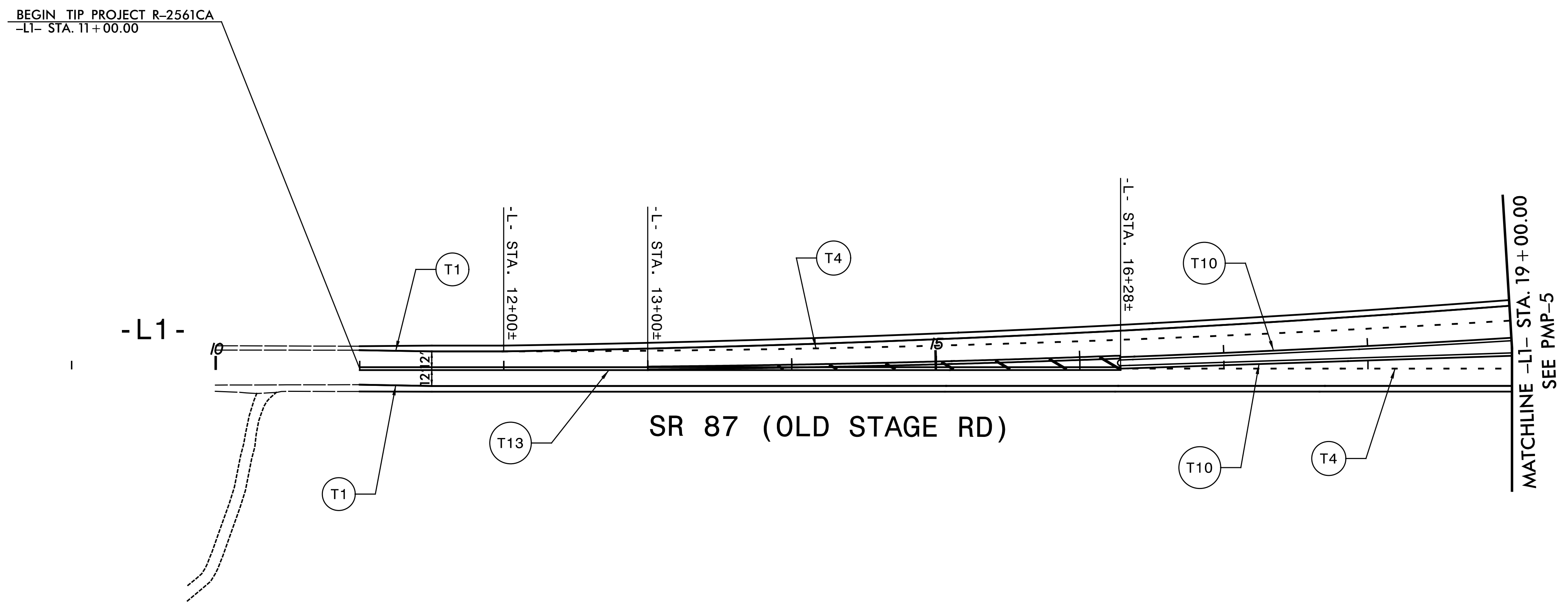
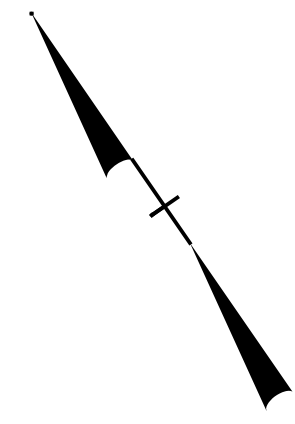
**ROADWAY STANDARD DRAWINGS**

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 AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWFLOWABLE

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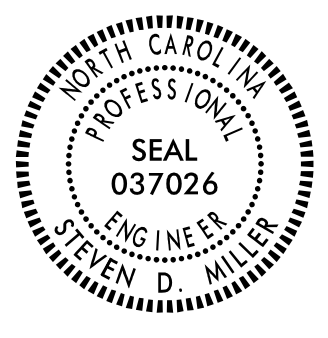
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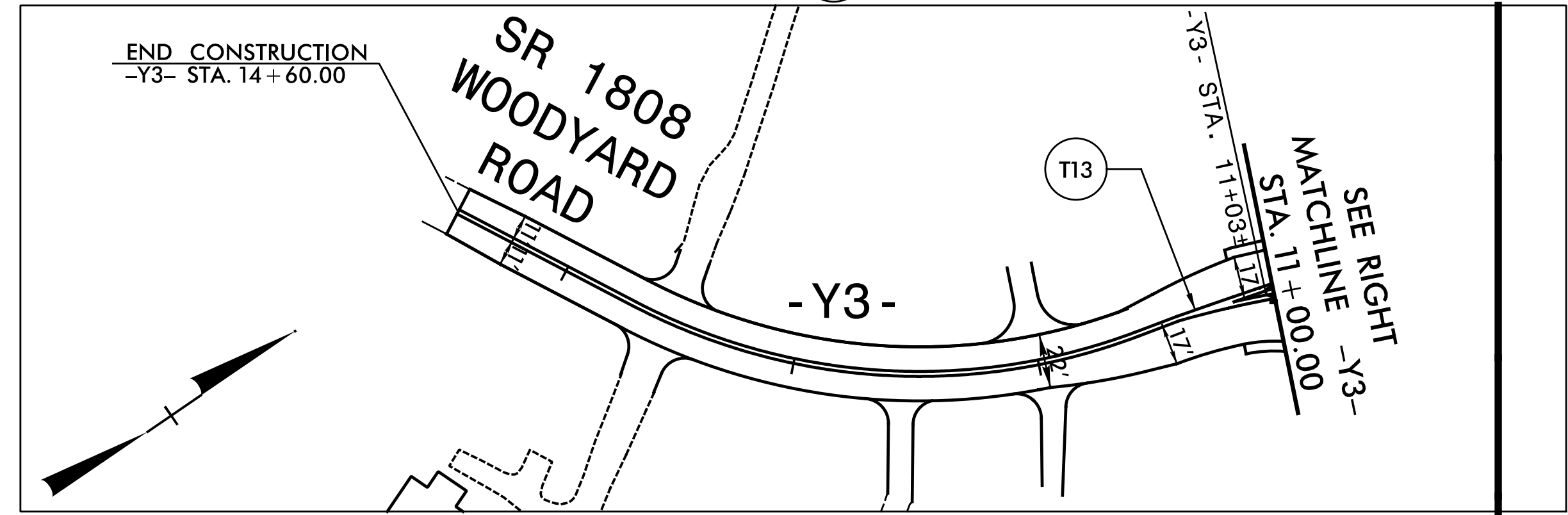
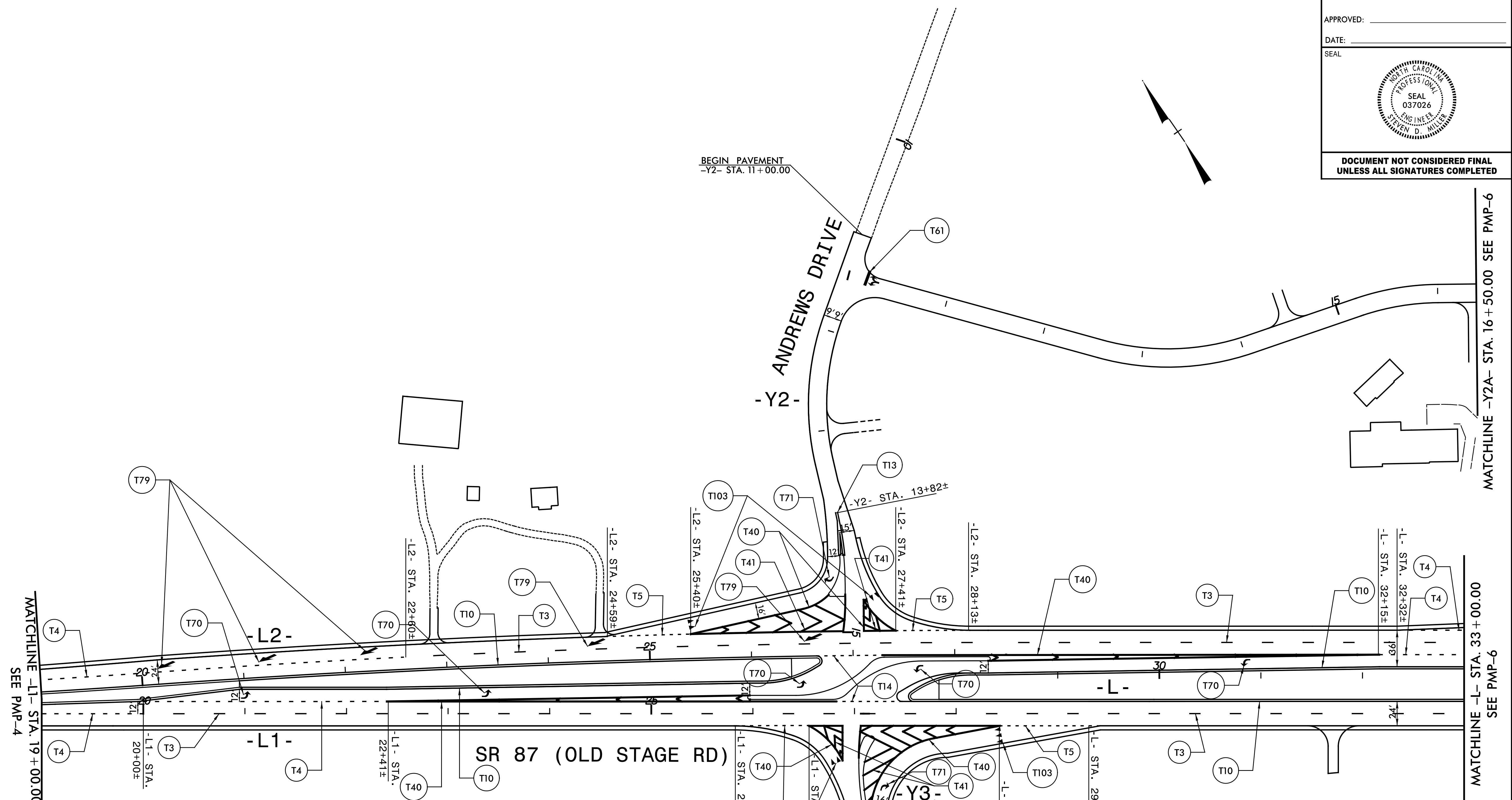


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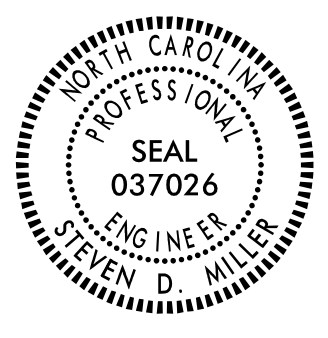
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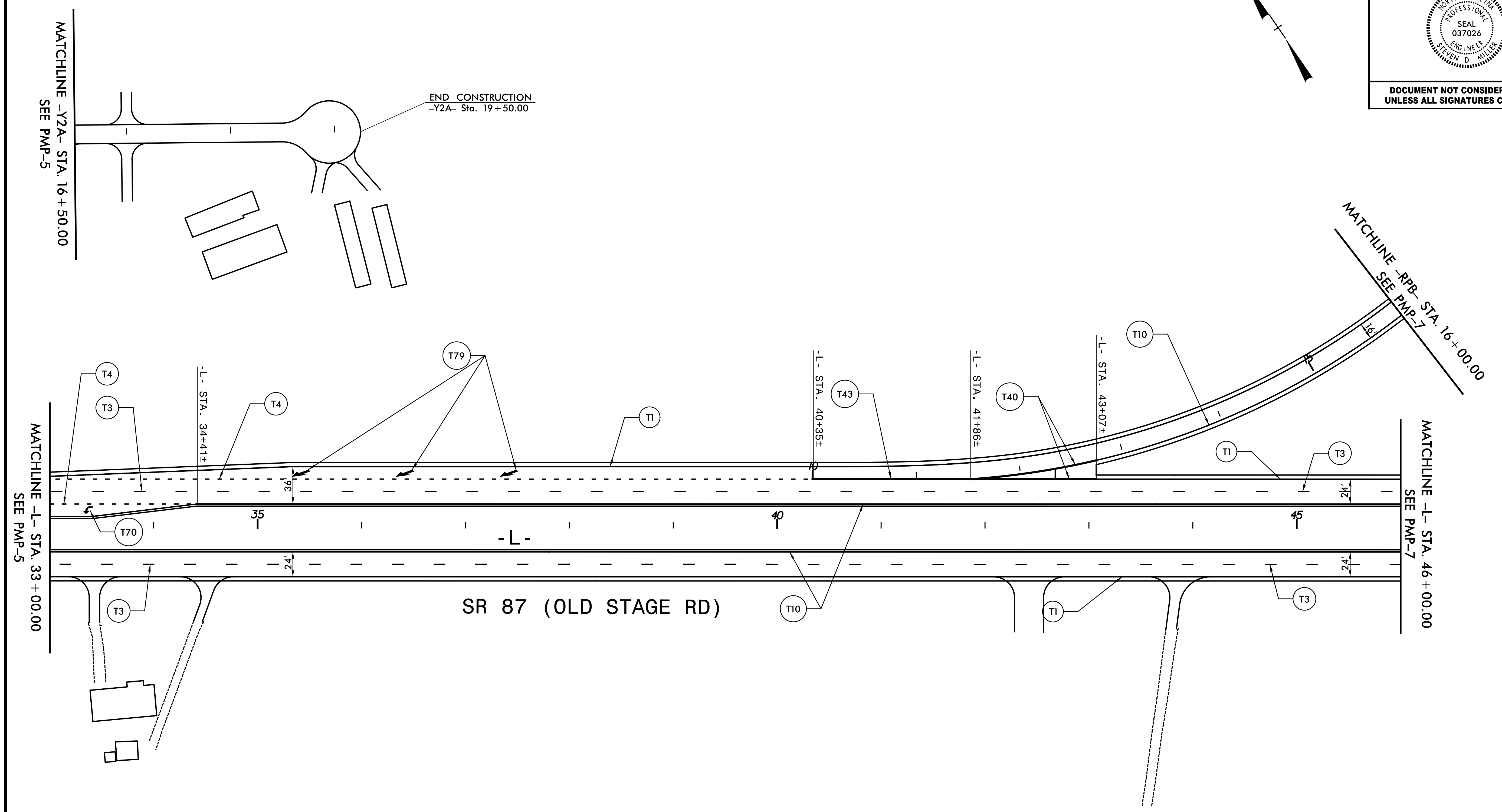
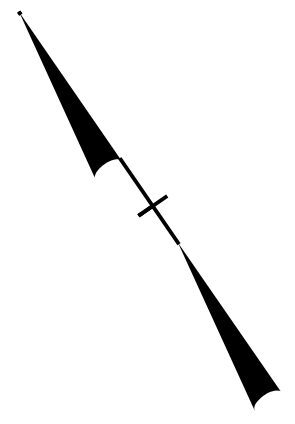


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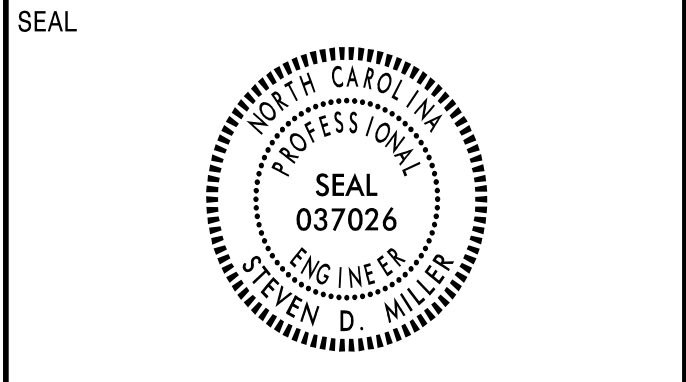


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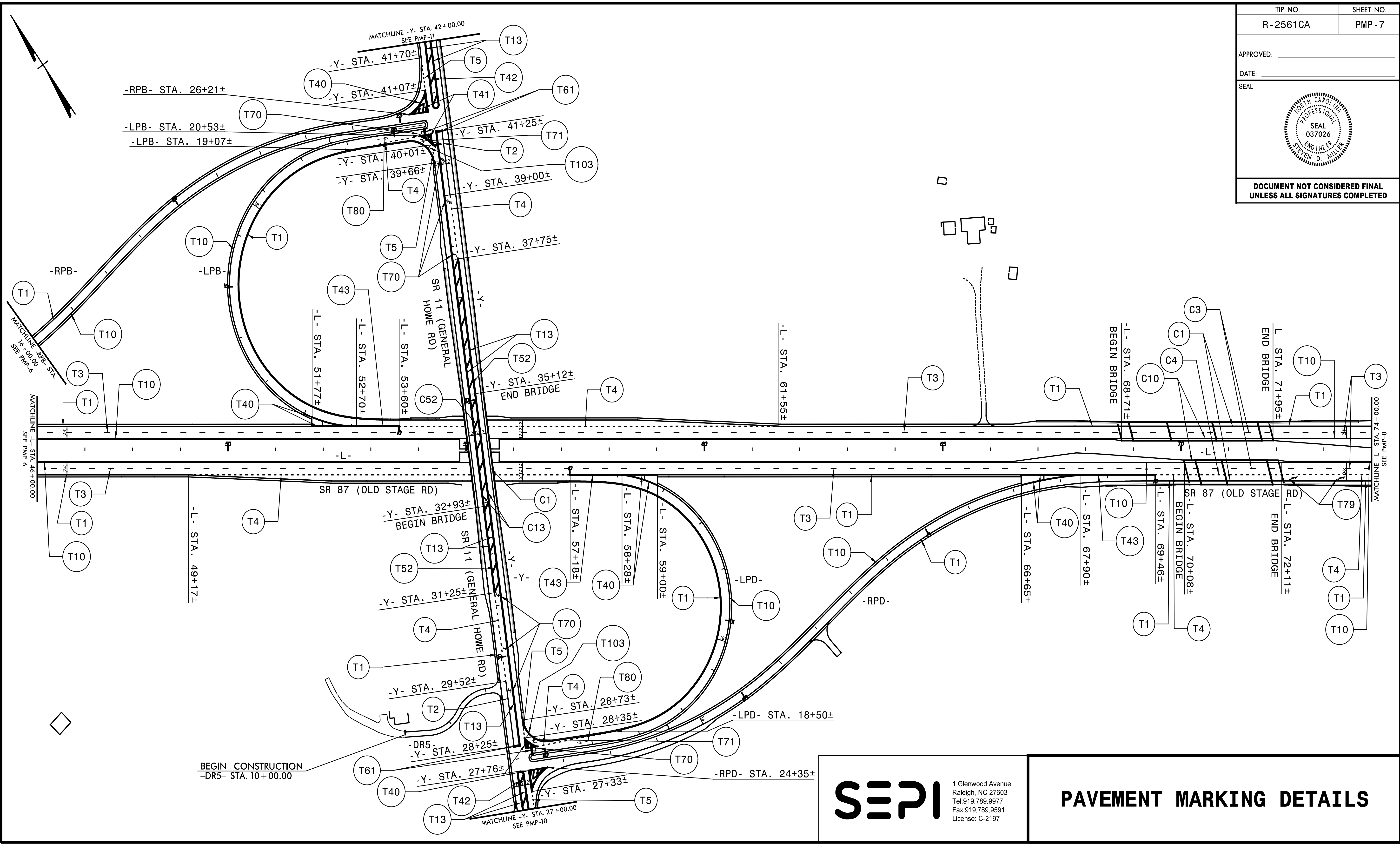
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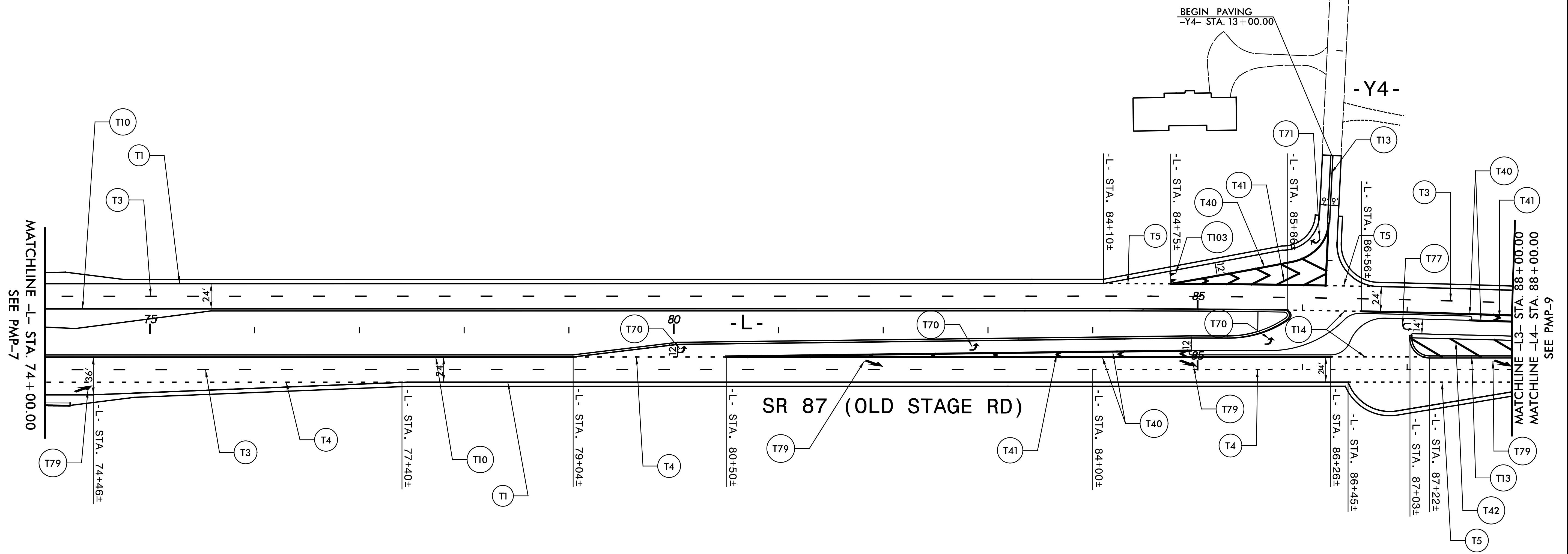
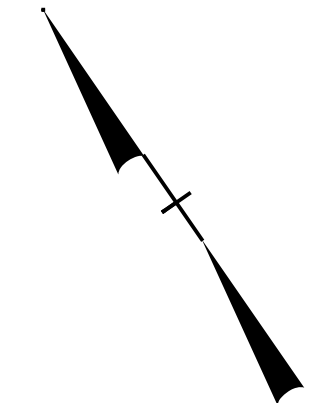
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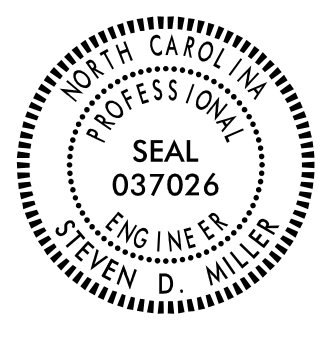
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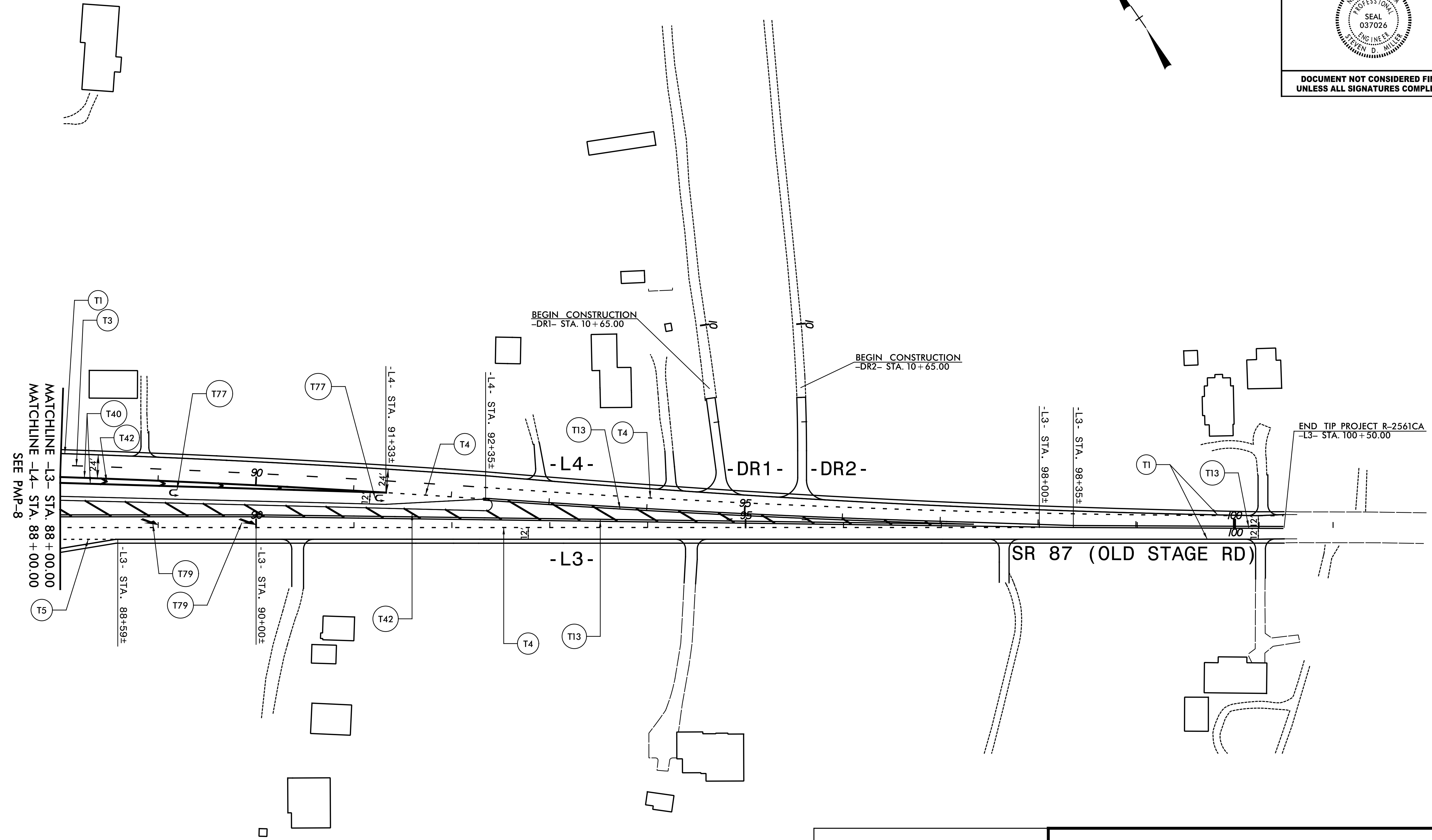
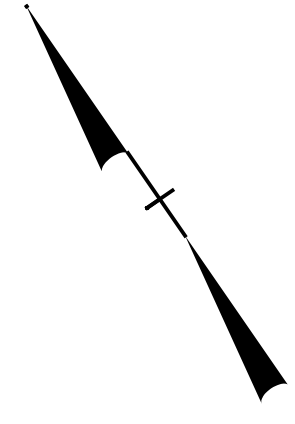
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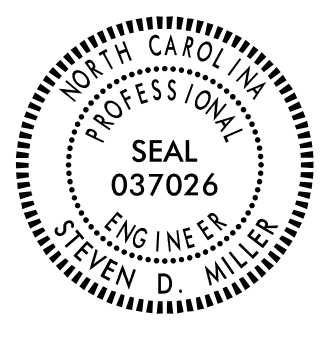
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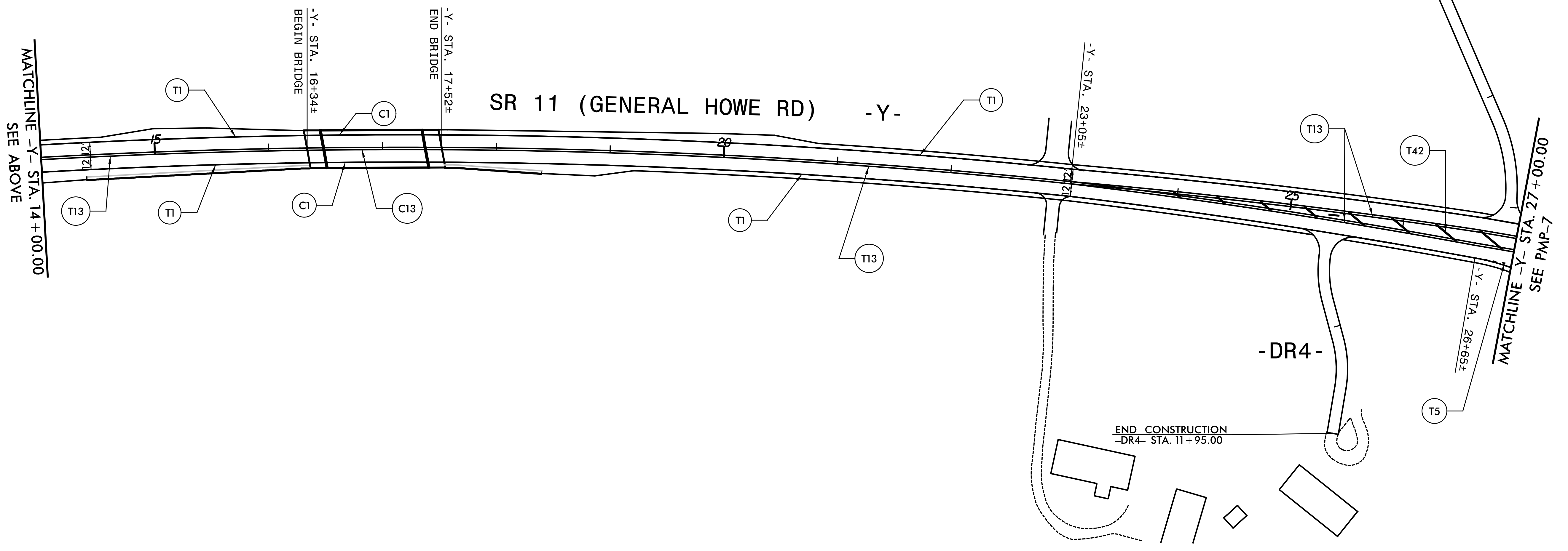
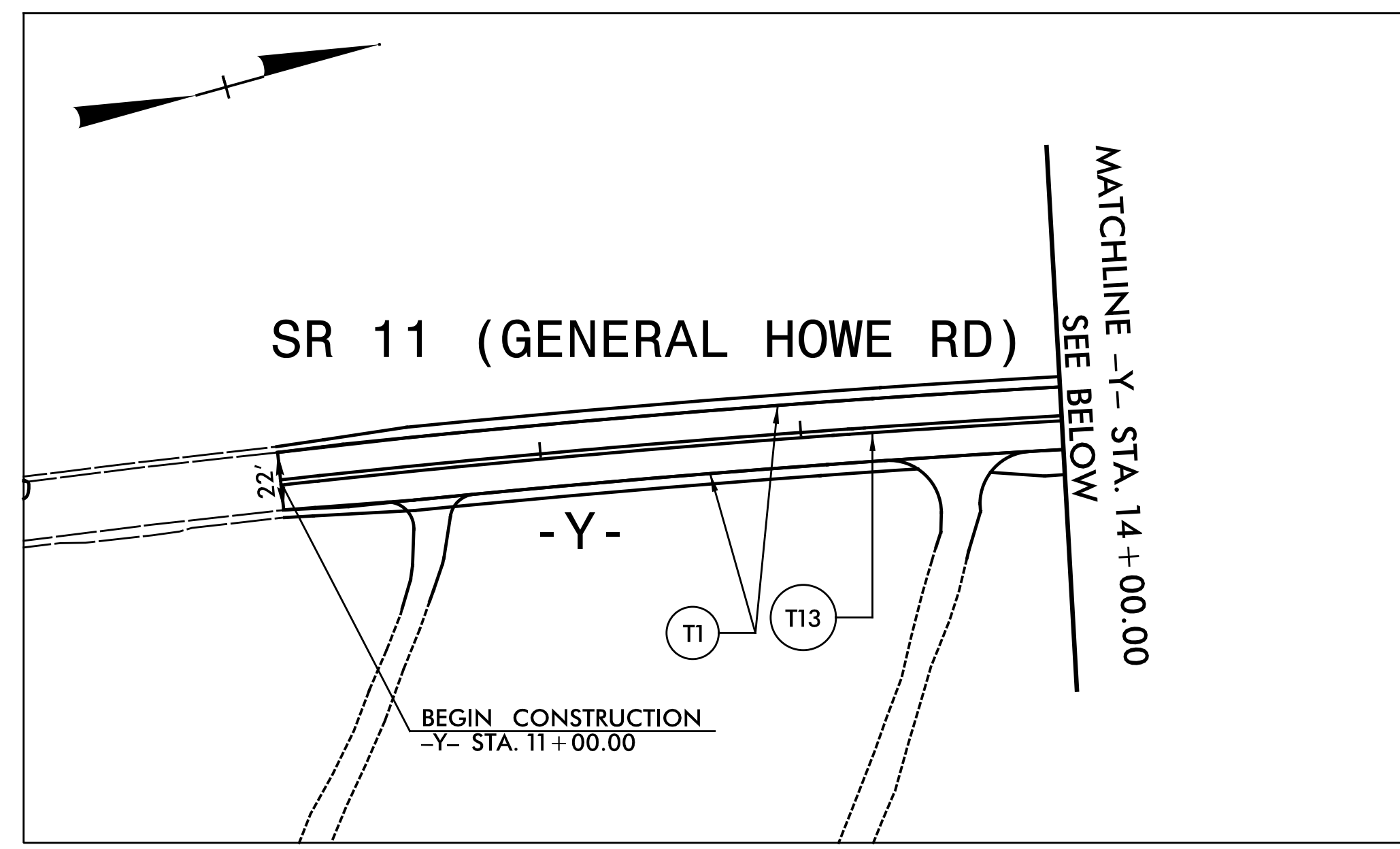


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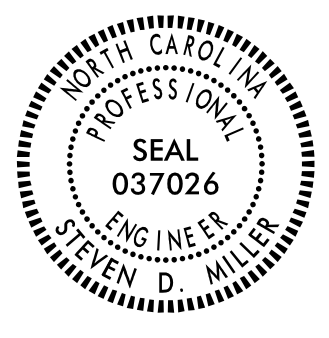
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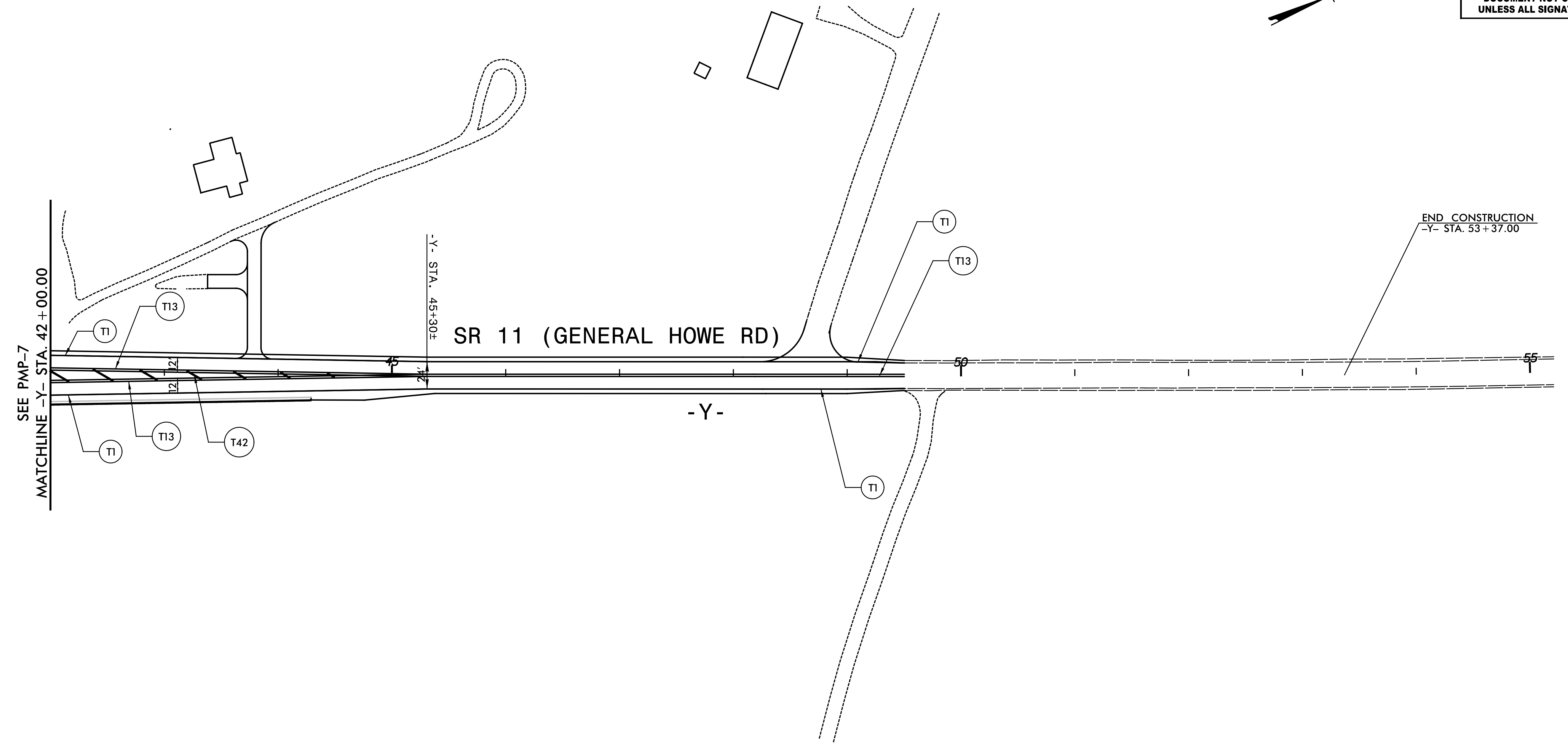
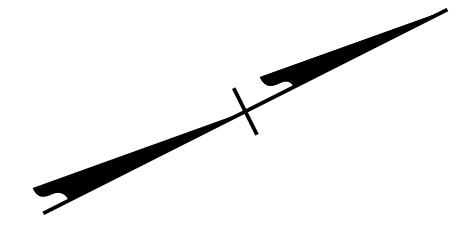


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