

8/4/2025 \$FILEL\$

CONTRACT: C205012

TIP PROJECT: U-5760

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
FORSYTH COUNTY

LOCATION: KERNERSVILLE SOUTHERN LOOP, AT US 421/BUSINESS 40 TO NC 66 (WEST MOUNTAIN STREET) IN KERNERSVILLE.

WIDEN BIG MILL FARM ROAD AND SR 2649 (HOPKINS ROAD) AND CONSTRUCT INTERCHANGE AT US 421/NC 150/BUSINESS 40

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2 THRU PMP-15	PAVEMENT MARKING DETAIL

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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
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
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSOWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.16	BICYCLE FACILITIES
1205.17	PAVEMENT MARKINGS - SIDE-BY-SIDE/ADJACENT ON/OFF RAMPS
	PAVEMENT MARKING LANE TREATMENT
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL & BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

PAVEMENT
MARKING SCHEDULE

SYMBOL	DESCRIPTION
	FINAL PAVEMENT MARKINGS
T61	THERMOPLASTIC (24", 90 MILS) WHITE STOPBAR
T1	THERMOPLASTIC (4", 90 MILS) WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T3	WHITE 10' SKIP
T4	WHITE 3' - 9'/SP MINI-SKIP
T5	WHITE 2' - 6'/SP MINI-SKIP
T10	YELLOW EDGELINE
T13	YELLOW DOUBLE CENTER
	THERMOPLASTIC (6", 90 MILS)
T20	WHITE EDGELINE
T21	WHITE SOLID LANE LINE
T22	WHITE 10' SKIP
T24	WHITE 2' - 6'/SP MINI-SKIP
T30	YELLOW EDGELINE
	THERMOPLASTIC (8", 90 MILS)
T40	WHITE GORELINE
T43	WHITE SOLID LANE LINE
T44	3 FT. - 9FT./SP WHITE MINISKIP
T46	WHITE CROSSWALK
	THERMOPLASTIC (12", 90 MILS)
T51	WHITE DIAGONAL
T52	YELLOW DIAGONAL
T54	3 ' - 9'/SP WHITE MINI-SKIP
	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T72	STRAIGHT ARROW
T73	COMBO STRAIGHT/LEFT ARROW
T74	COMBO STRAIGHT/RIGHT ARROW
T79	MERGE ARROW
T80	WRONG-WAY RAMP ARROW
T81	ELONGATED STRAIGHT ARROW
	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)
T90	BICYCLE SYMBOL, HEATED-IN-PLACE
T91	BICYCLE STRAIGHT ARROW, HEATED-IN-PLACE
T94	SHARROW, HEATED-IN-PLACE
T100	ALPHANUMERIC CHARACTER
T103	24" YIELD LINE TRIANGLE
	PAVEMENT MARKER SYMBOLS
MA	YELLOW & YELLOW
MB	CRYSTAL & RED
	COLD APPLIED PLASTIC (4", 90 MILS)
C2	WHITE SOLID LANE LINE
C3	WHITE 10' SKIP
C4	WHITE 3' - 9'/SP MINI-SKIP
C10	YELLOW EDGELINE
	COLD APPLIED PLASTIC MARKING SYMBOLS (90 MILS)
C70	LEFT TURN ARROW

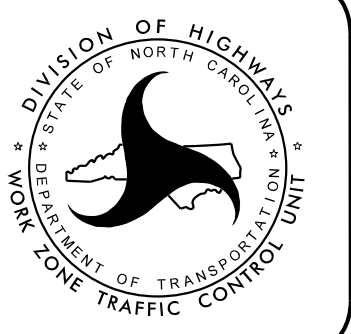
GENERAL NOTES

- 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 ON THE FINAL SURFACE AS FOLLOWS:
- | <u>ROAD NAME</u> | <u>MARKING</u> | <u>MARKER</u> |
|--------------------------|---|-------------------------|
| -L-
All -Y- LINES | THERMOPLASTIC | PERMANENT RAISED MARKER |
| CONCRETE
BRIDGE DECKS | COLD APPLIED PLASTIC
CONTRASTING TAPE, TYPE II | RAISED MARKERS |
- 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 ARROWS, STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.
- F) 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.

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

Kelvin L. Jordan
Ashley Matthews, PE

SIGNING & DELINEATION REGIONAL ENGINEER
SIGNING & DELINEATION PROJECT DESIGN ENGINEER



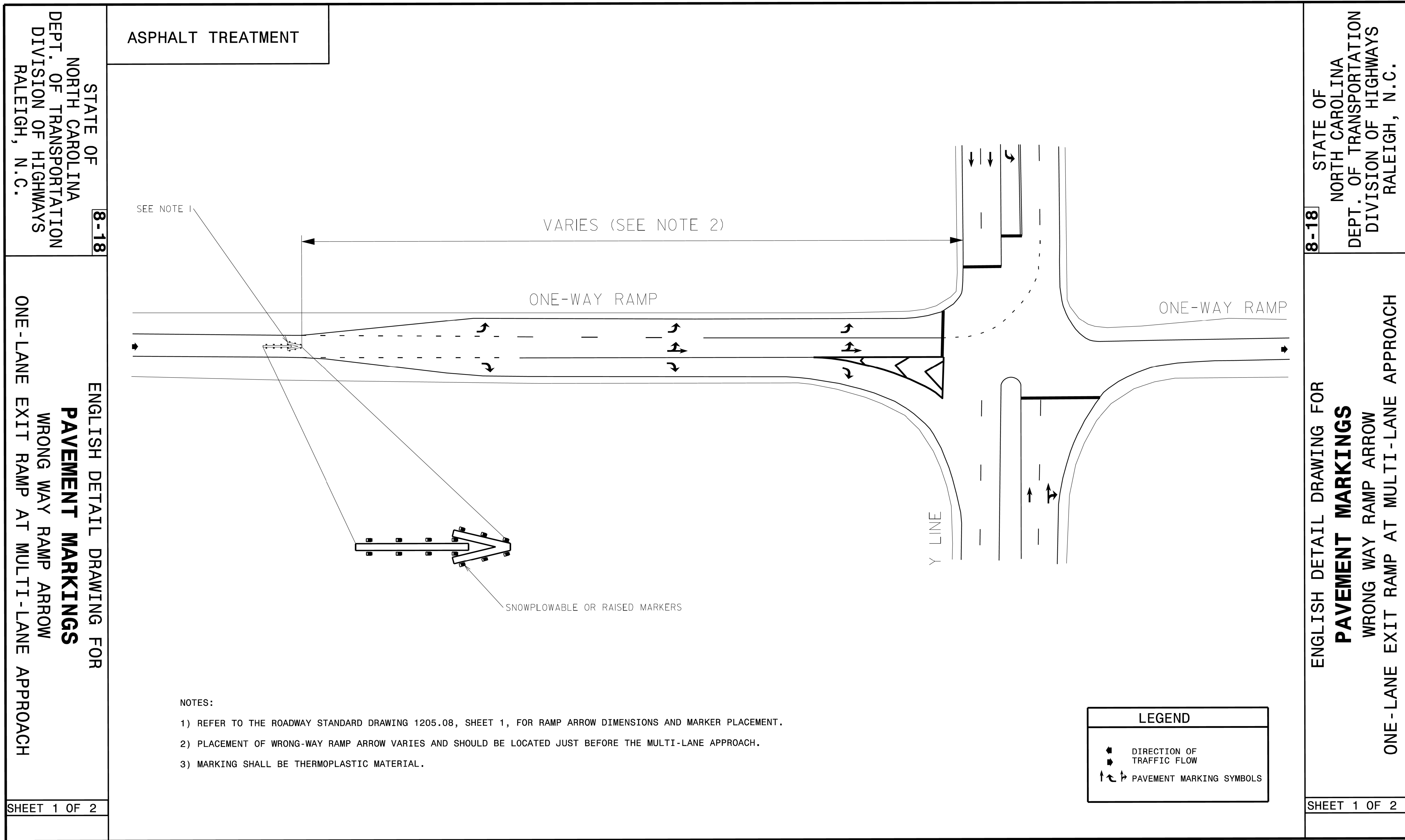
PLAN PREPARED BY: Kimley-Horn and Associates

Everett Loving, PE
Ousmane Ndiaye, PE

PROJECT DESIGN ENGINEER
DESIGNER

Kimley»Horn

TIP NO.	SHEET NO.
U-5760	PMP-1
APPROVED: Ejl	
DATE: 12/3/24	
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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
1	-L- STA. 14+44.93, 56.44' LT, TYPE 1 MODIFIED
2	-L- STA. 14+30.48, 46.50' RT, TYPE 1 MODIFIED

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, N.C. 27601. NC LICENSE #F-0102

APPROVED:

EIL

DATE:

12/3/24

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050997

REGISTERED ENGINEER

THOMAS J. LOWMEYER

9/11/2025

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U-5760

SHEET NO.

PMP-3

PAVEMENT MARKING DETAIL

★ TRAFFIC SIGNAL

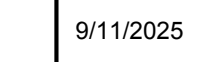
★ TRAFFIC SIGNAL

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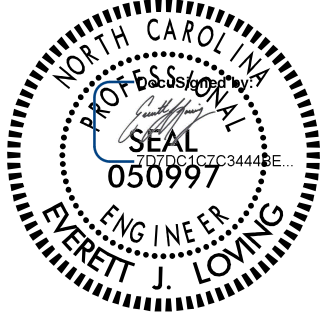
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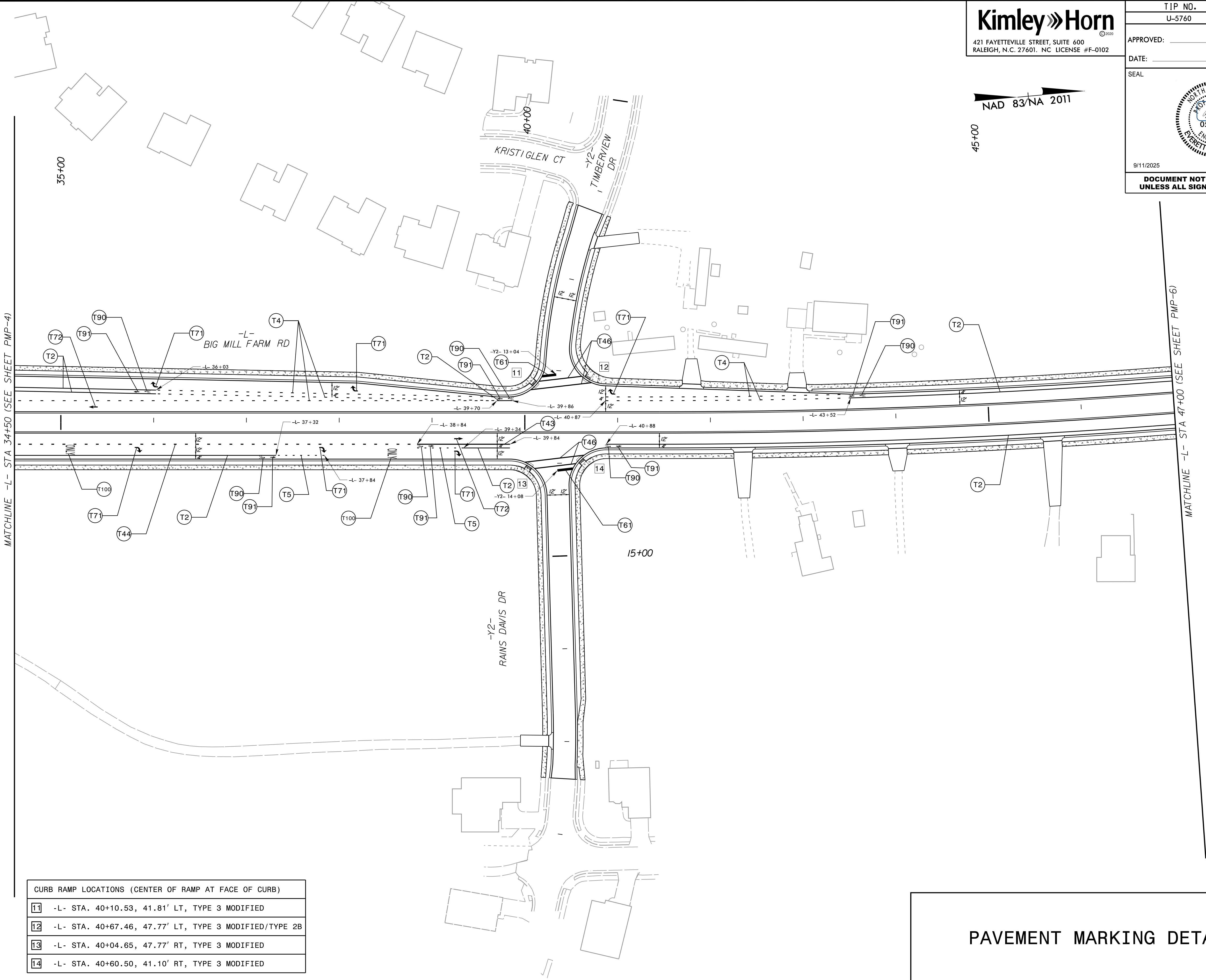
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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
11	-L- STA. 40+10.53, 41.81' LT, TYPE 3 MODIFIED
12	-L- STA. 40+67.46, 47.77' LT, TYPE 3 MODIFIED/TYPE 2B
13	-L- STA. 40+04.65, 47.77' RT, TYPE 3 MODIFIED
14	-L- STA. 40+60.50, 41.10' RT, TYPE 3 MODIFIED

PAVEMENT MARKING DETAIL

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ENGINEER

BRETT J. LOWME

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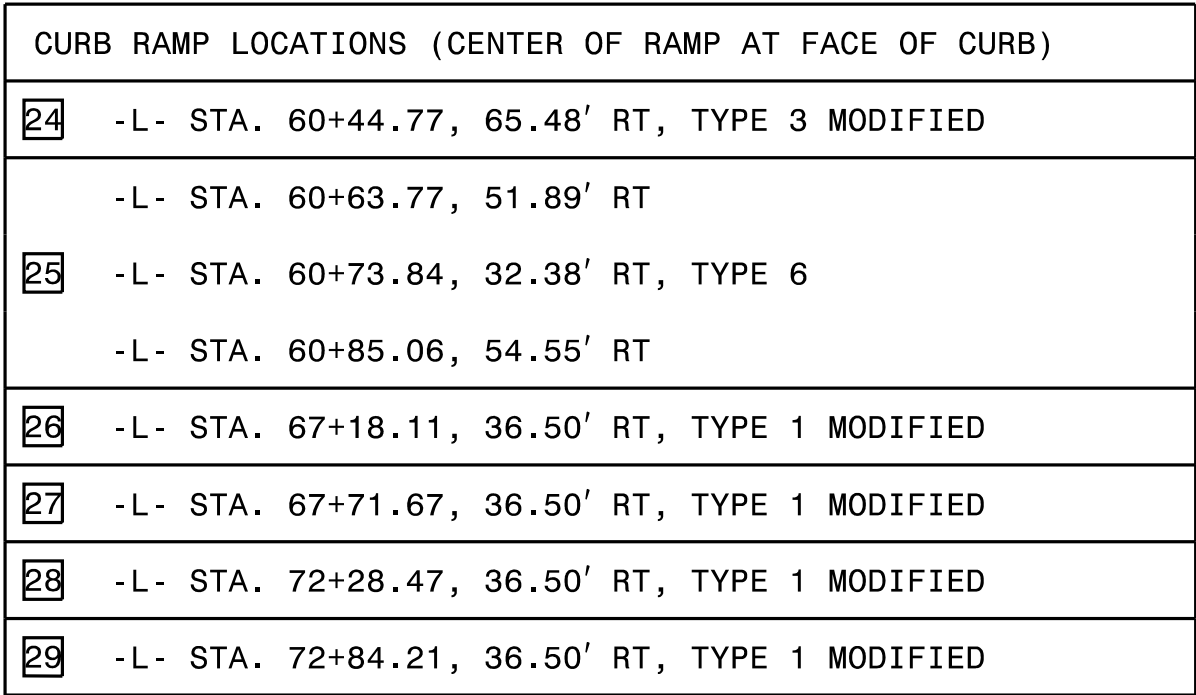
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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
15	-L- STA. 53+48.13, 38.64' LT, TYPE 1 MODIFIED
16	-L- STA. 54+23.64, 48.08' LT, TYPE 2B
17	-L- STA. 54+34.45, 39.34' RT, TYPE 1 MODIFIED
18	-L- STA. 53+61.62, 48.24' RT, TYPE 2B

PAVEMENT MARKING DETAIL

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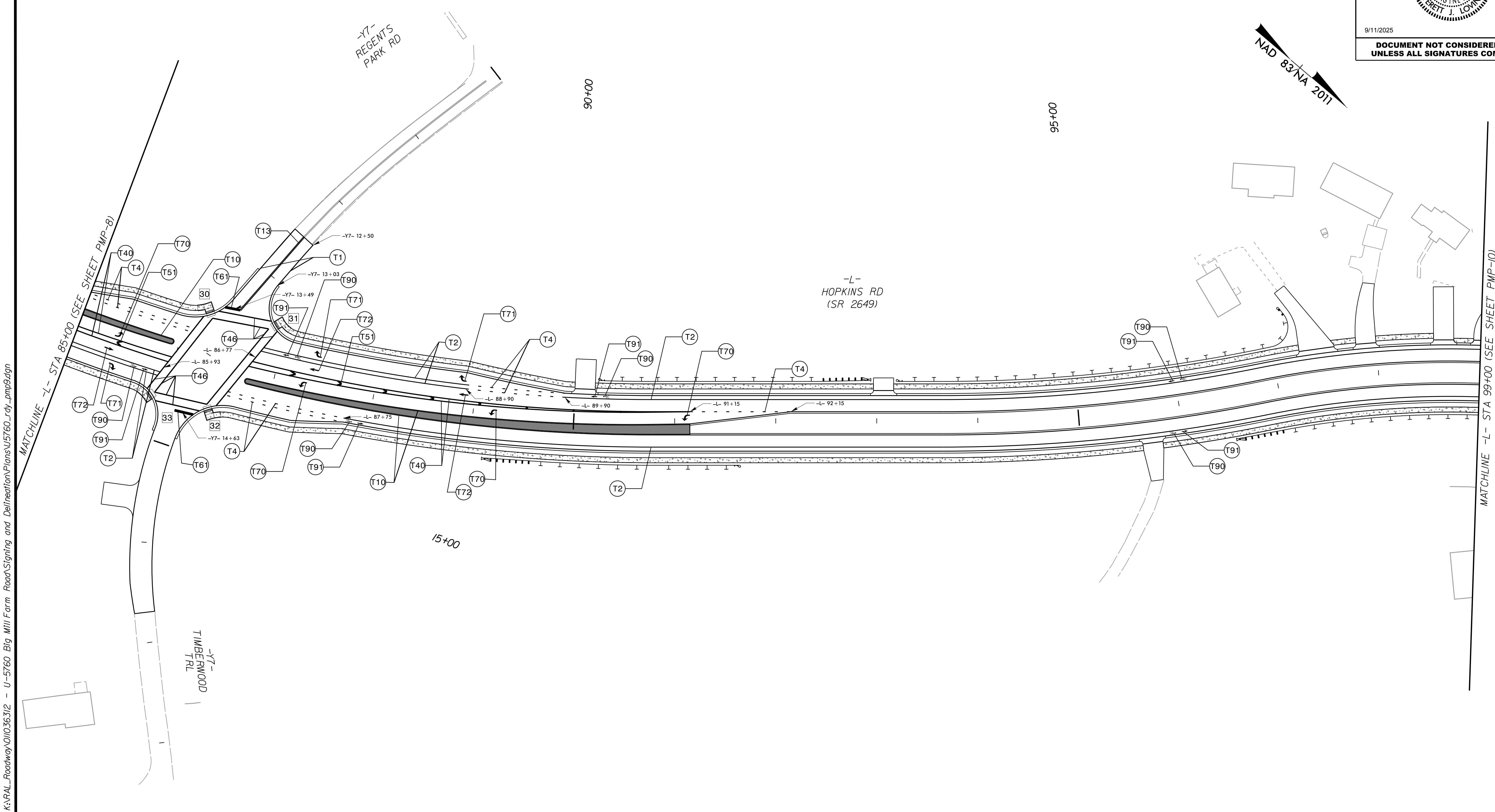
PAVEMENT MARKING DETAIL



PAVEMENT MARKING DETAIL



CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
30	-L- STA. 86+21.11, 47.26' LT, TYPE 3 MODIFIED
31	-L- STA. 86+89.43, 51.65' LT, TYPE 3 MODIFIED
32	-L- STA. 86+45.21, 46.07' RT, TYPE 3 MODIFIED
33	-L- STA. 85+87.66, 48.54' RT, TYPE 2B



PAVEMENT MARKING DETAIL

CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
34	-L- STA. 106+86.59, 47.27' LT, TYPE 3 MODIFIED
35	-L- STA. 107+47.49, 48.47' LT, TYPE 3 MODIFIED
36	-L- STA. 107+52.83, 46.80' RT, TYPE 3 MODIFIED
37	-L- STA. 106+87.29, 48.49' RT, TYPE 3 MODIFIED

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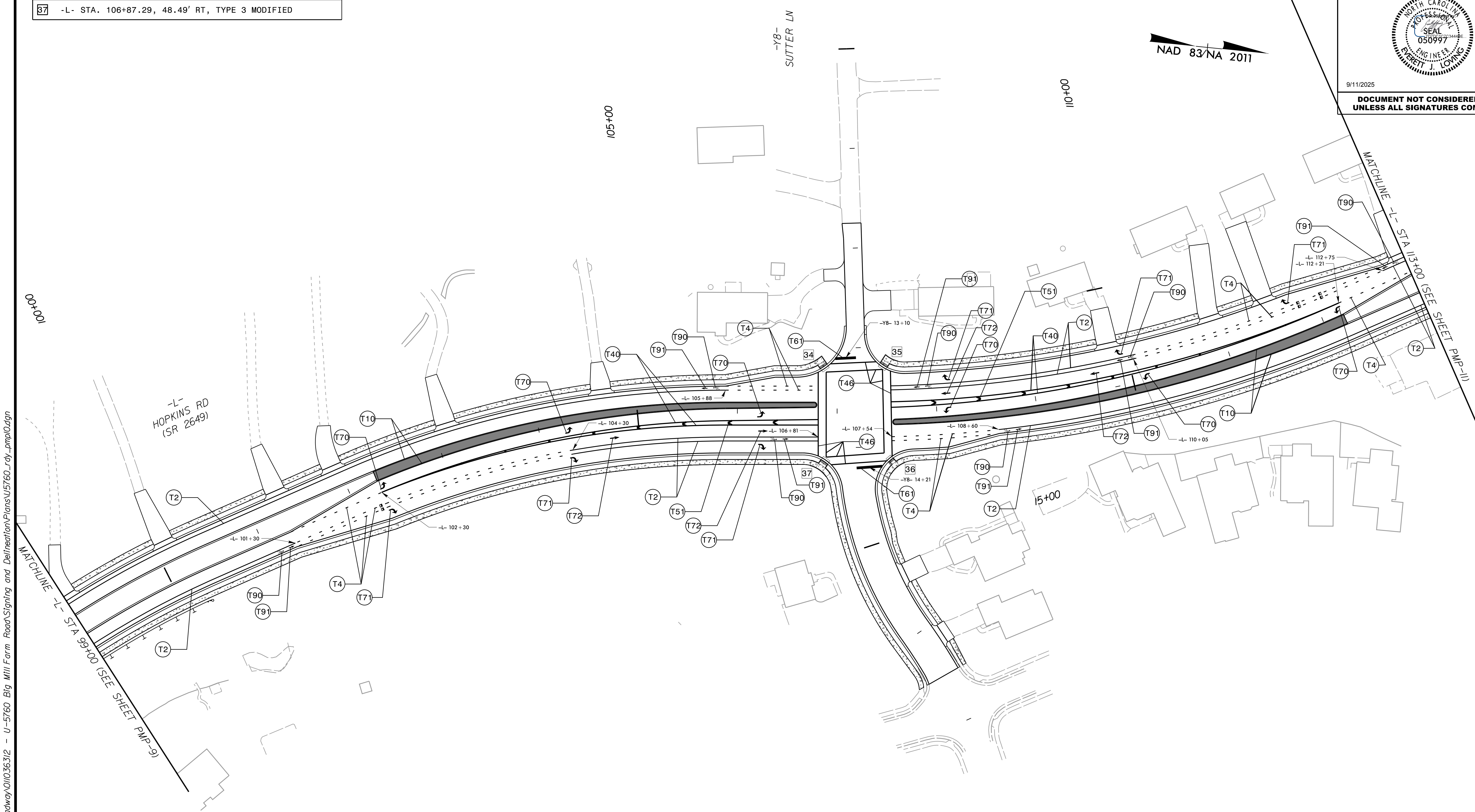
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ENGINEER

BRETT J. LOWME

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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
38	-L- STA. 120+52.21, 42.80' LT, TYPE 1A
39	-L- STA. 120+55.57, 42.29' RT, TYPE 1A

☆ EXIST TRAFFIC SIGNAL TO BE MODIFIED

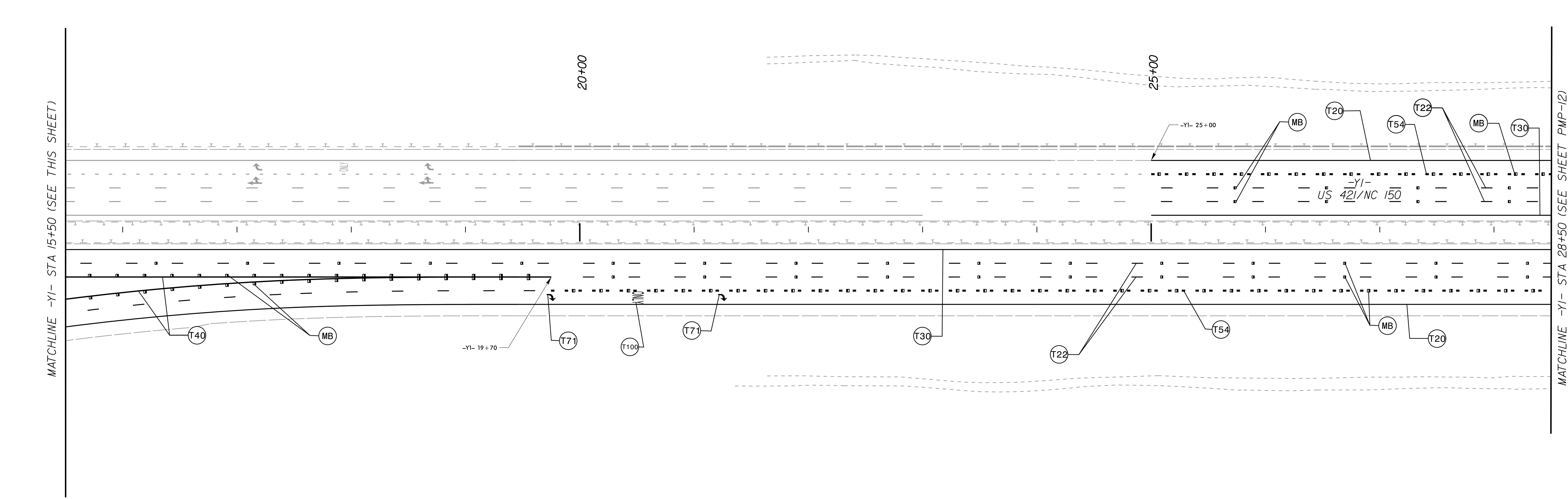
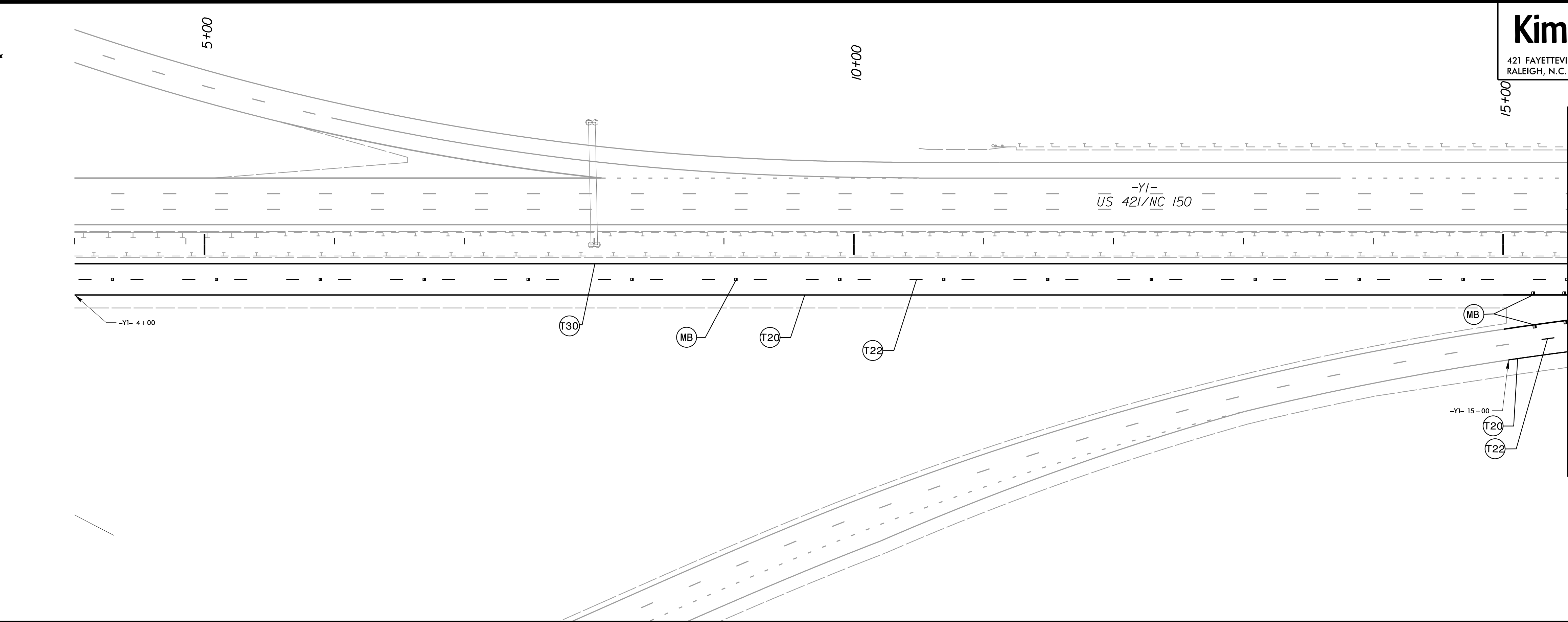
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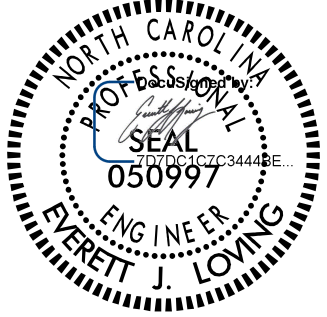
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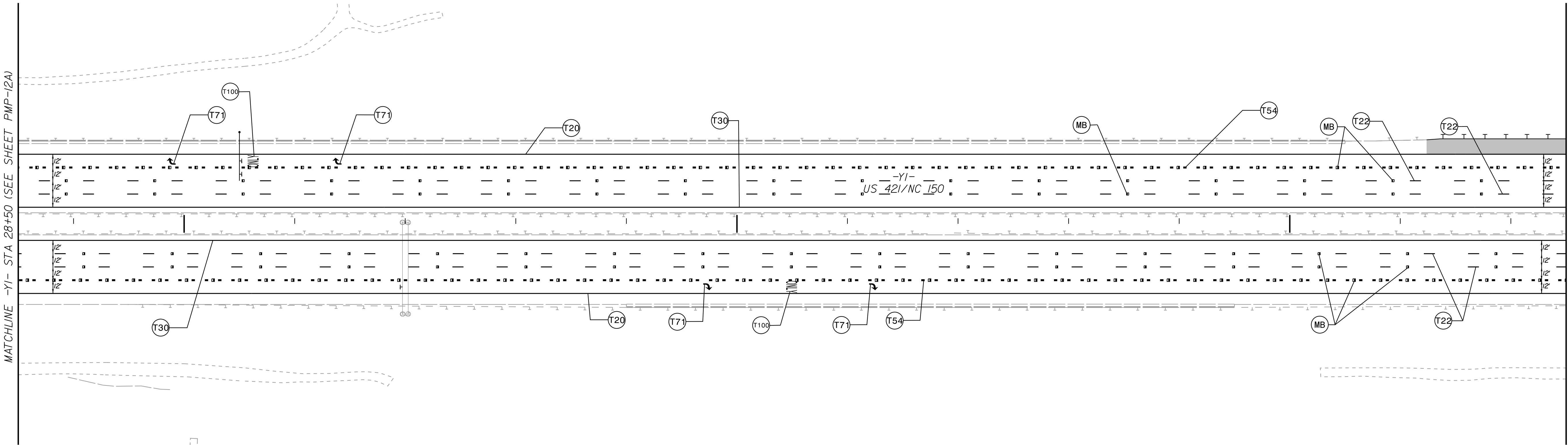
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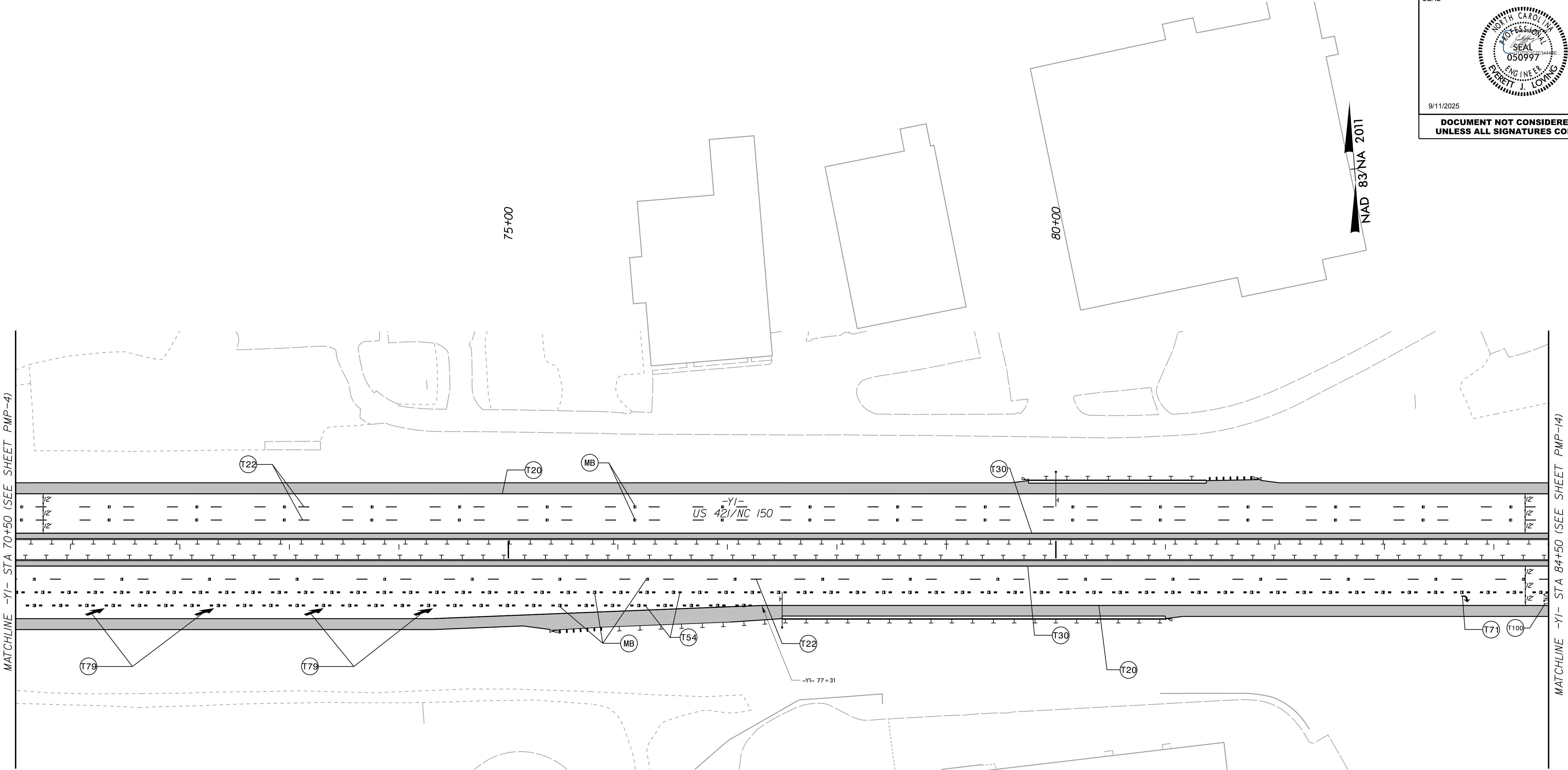
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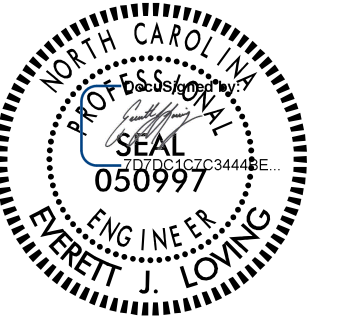
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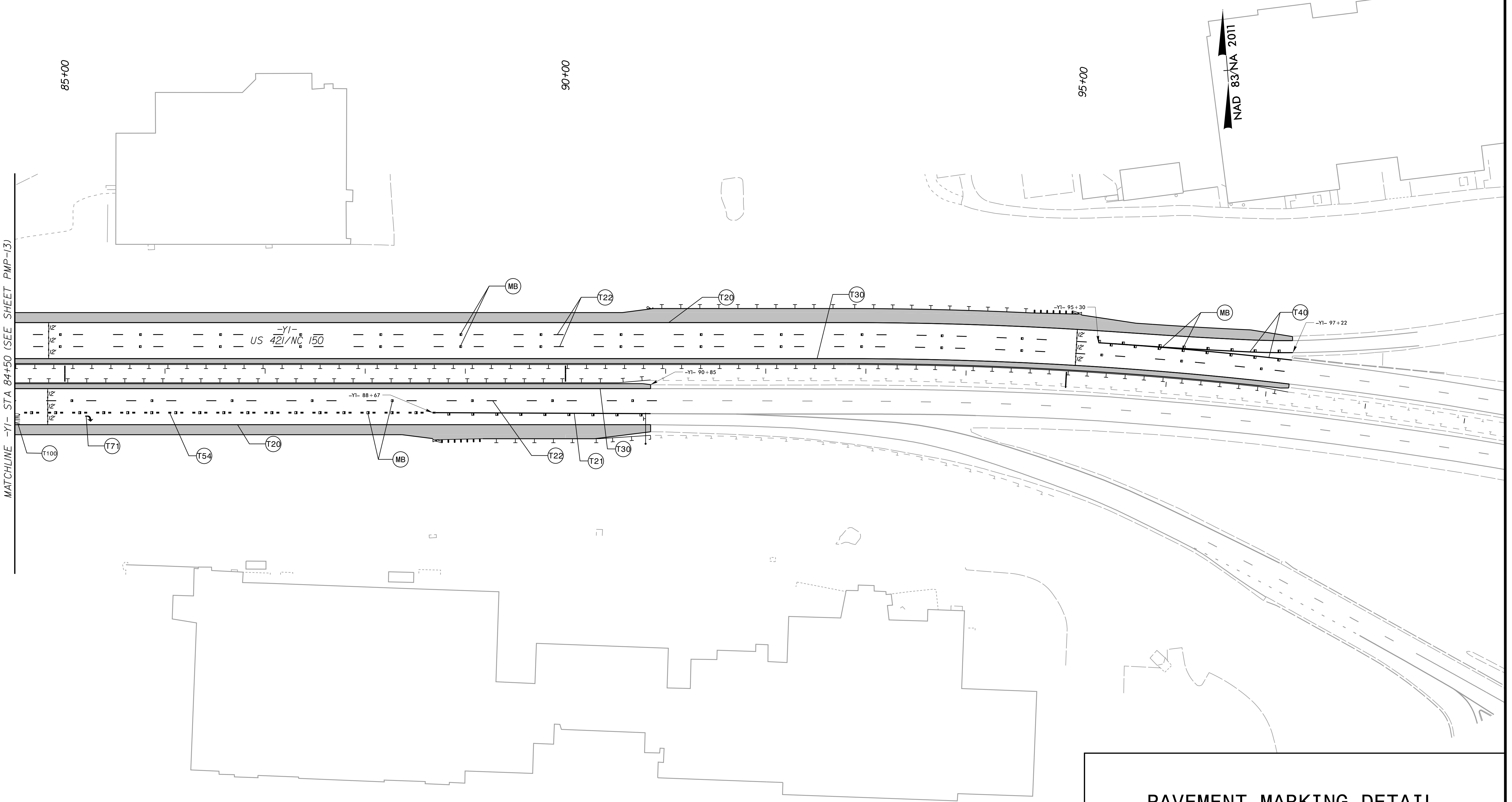
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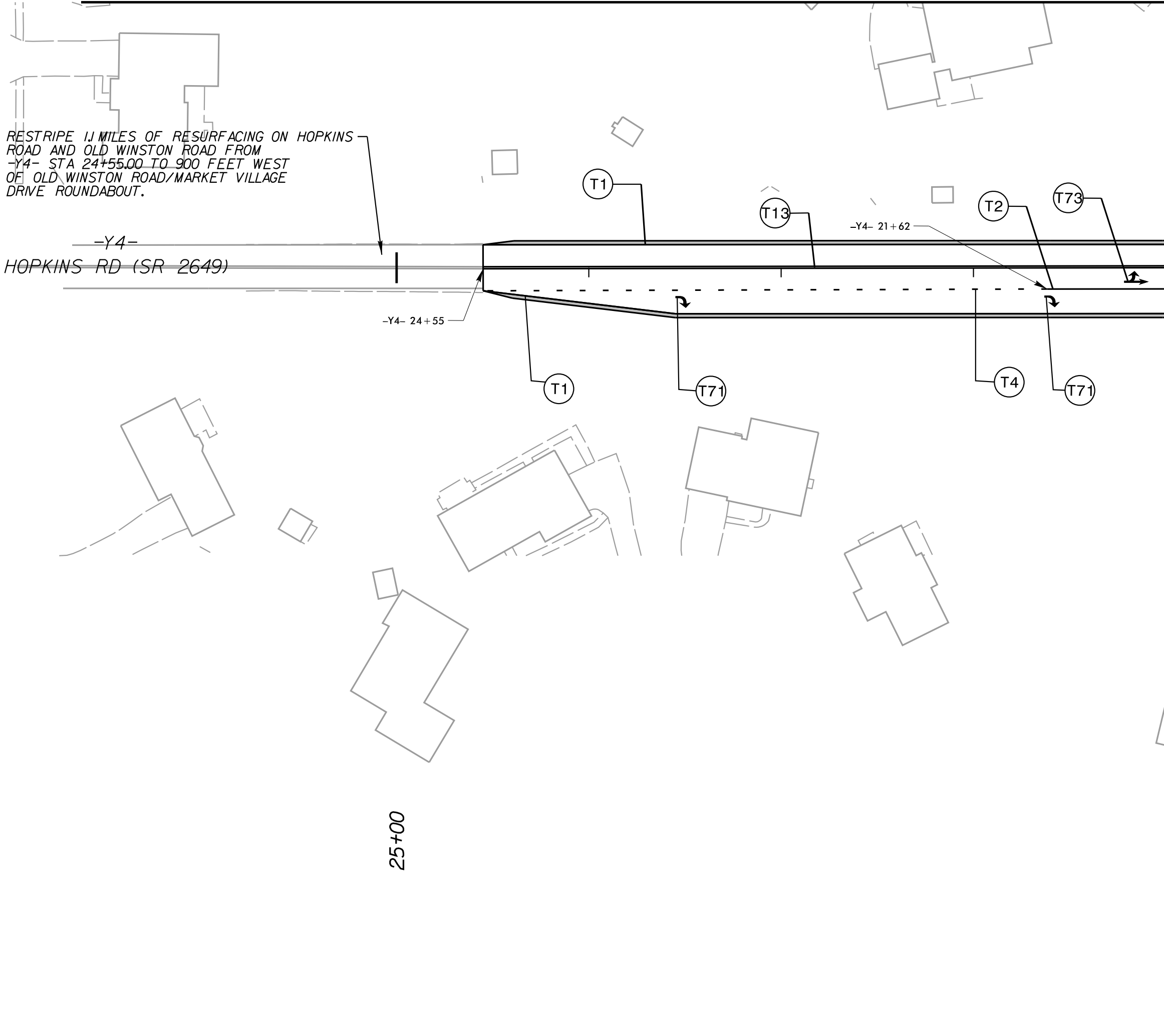
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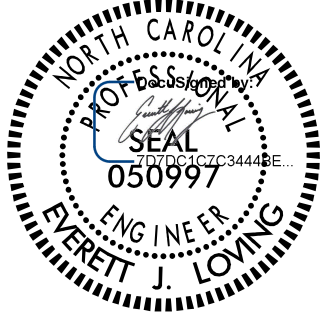
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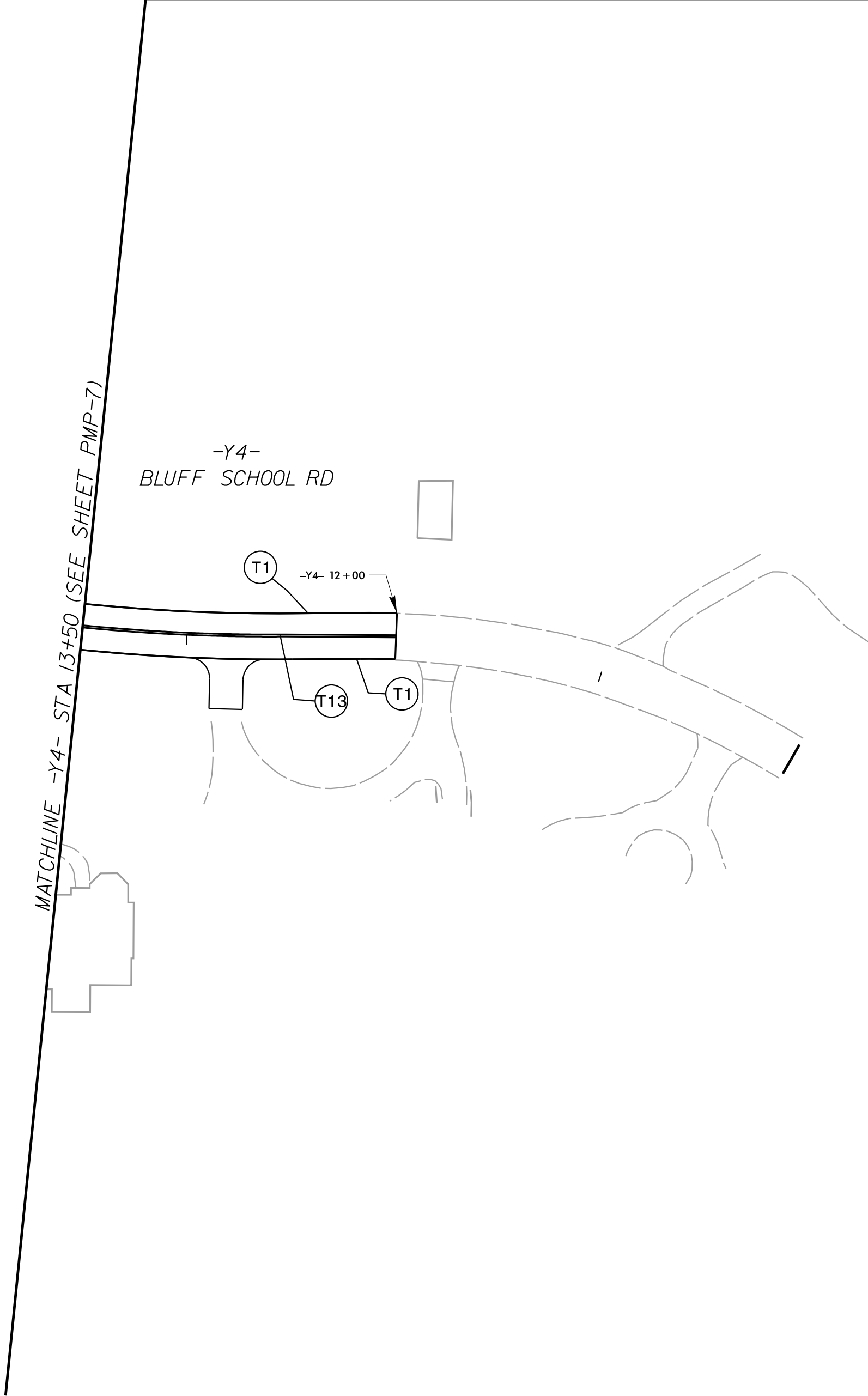


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