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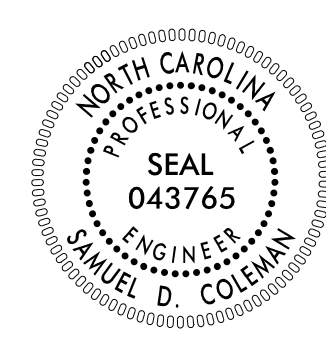
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD 1 & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
M MOTT MACDONALD NC LICENSE NO. F-0669

TIP NO. R-5819 R-5820	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
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**PAVEMENT MARKING PLAN
COLUMBUS COUNTY**

LOCATION: INTERCHANGE OF US 74 AND SR 1735 IN LAKE WACCAMAW.

T.I.P.: R-5819 / R-5820

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
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
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
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

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:

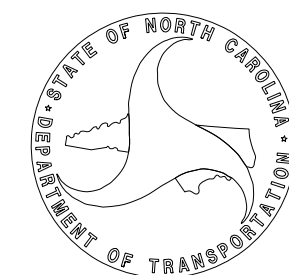
ROAD NAME	MARKING	MARKER
ALL ROADS	THERMOPLASTIC	RAISED
BRIDGES	COLD APPLIED PLASTIC	RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST 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) 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.
- H) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING (COLD APPLIED PLASTIC) PAVEMENT MARKING MATERIAL.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-17	PAVEMENT MARKING DETAIL SHEETS

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

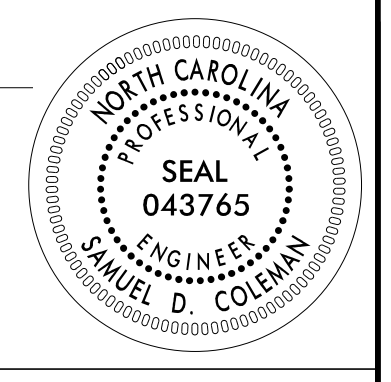
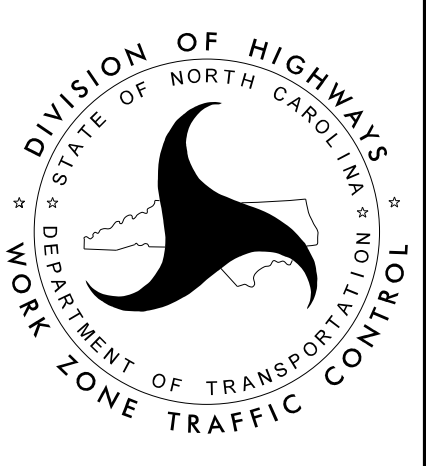
AYMAN ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
MATTHEW TRACEY, PE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



FINAL PAVEMENT MARKING SCHEDULE

THERMOPLASTIC		COLD APPLIED PLASTIC		
Symbol	Description	Symbol	Description	
T1	WHITE EDGELINE (4", 90 MIL)	C1	WHITE EDGELINE (4")	
T2	WHITE SOLID LANE LINE (4", 90 MIL)	C13	YELLOW DOUBLE CENTER (4")	
T4	3 FT. - 9 FT./SP WHITE MINISKIP (4", 90 MIL)	PAVEMENT MARKERS		
T5	2 FT. - 6 FT./SP WHITE MINISKIP (4", 90 MIL)	Symbol	Description	Color
T11	YELLOW SINGLE CENTER (4", 90 MIL)	MA	PERMANENT RAISED MARKER	Yellow & Yellow
T12	10 FT. YELLOW SKIP (4", 90 MIL)	MB	PERMANENT RAISED MARKER	Crystal & Red
T13	YELLOW DOUBLE CENTER (4", 90 MIL)			
T20	WHITE EDGELINE (6", 90 MIL)			
T22	10 FT. WHITE SKIP (6", 90 MIL)			
T23	3 FT. - 9 FT./SP WHITE MINISKIP (6", 90 MIL)			
T30	YELLOW EDGELINE (6", 90 MIL)			
T40	WHITE GORELINE (8", 90 MIL)			
T42	YELLOW DIAGONAL (8", 90 MIL)			
T45	3 FT. - 3 FT./SP WHITE MINISKIP (8", 90 MIL) (Roundabouts only)			
T50	WHITE GORELINE (12", 90 MIL)			
T52	YELLOW DIAGONAL (12", 90 MIL)			
T53	WHITE SOLID LANE LINE (12", 90 MIL)			
T61	WHITE STOPBAR (24", 90 MIL)			
T62	WHITE CROSSWALK LINE (24", 90 MIL)			
T70	LEFT TURN ARROW (90 MIL)			
T71	RIGHT TURN ARROW (90 MIL)			
T79	MERGE ARROW (90 MIL)			
T80	WRONG-WAY RAMP ARROW (90 MIL)			
T100	ALPHANUMERIC CHAR. (90 MIL)			
T103	24" YIELD LINE TRIANGLE (90 MIL)			

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APPROVED: _____ DATE: _____ <div style="text-align: center;">  <p>SEAL</p> </div>		<h2 style="margin: 0;">PAVEMENT MARKING SCHEDULE SHEET</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

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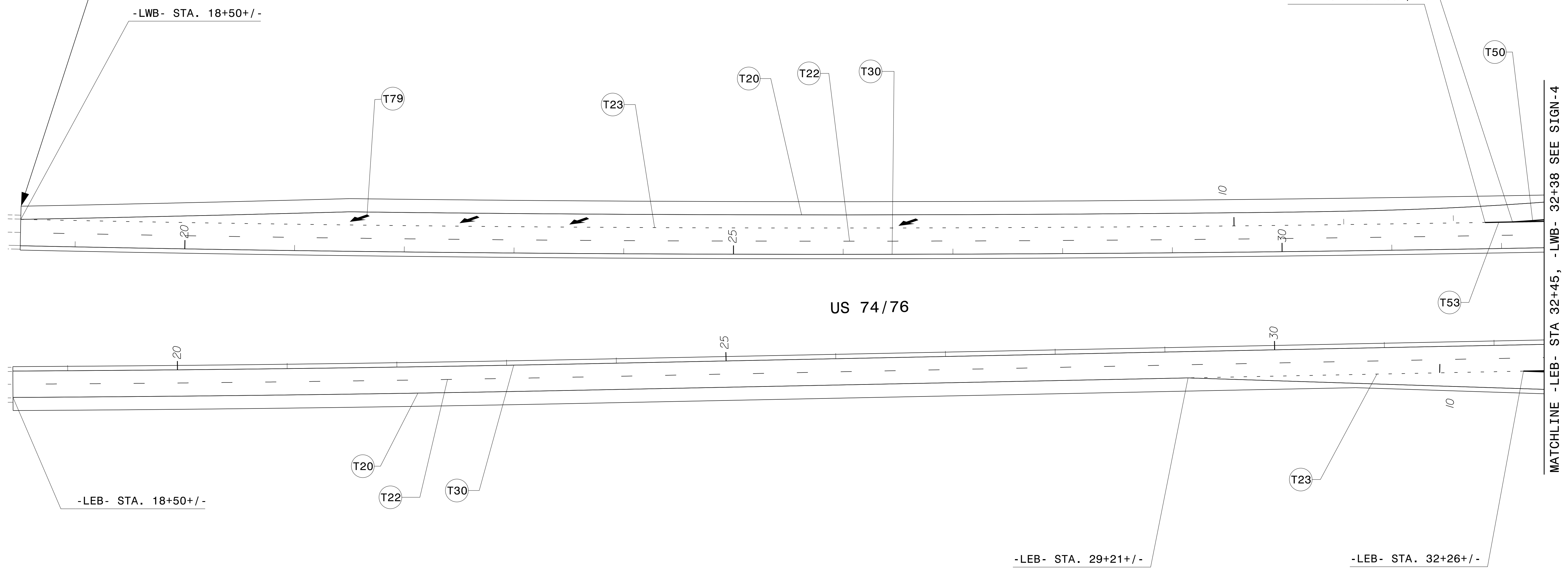
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M MOTT MACDONALD NC LICENSE NO. F-0669



BEGIN TIP PROJECT R-5819/R-5820

-LWB- POC STA. 18+50.00

-LEB- POC STA. 18+50.00



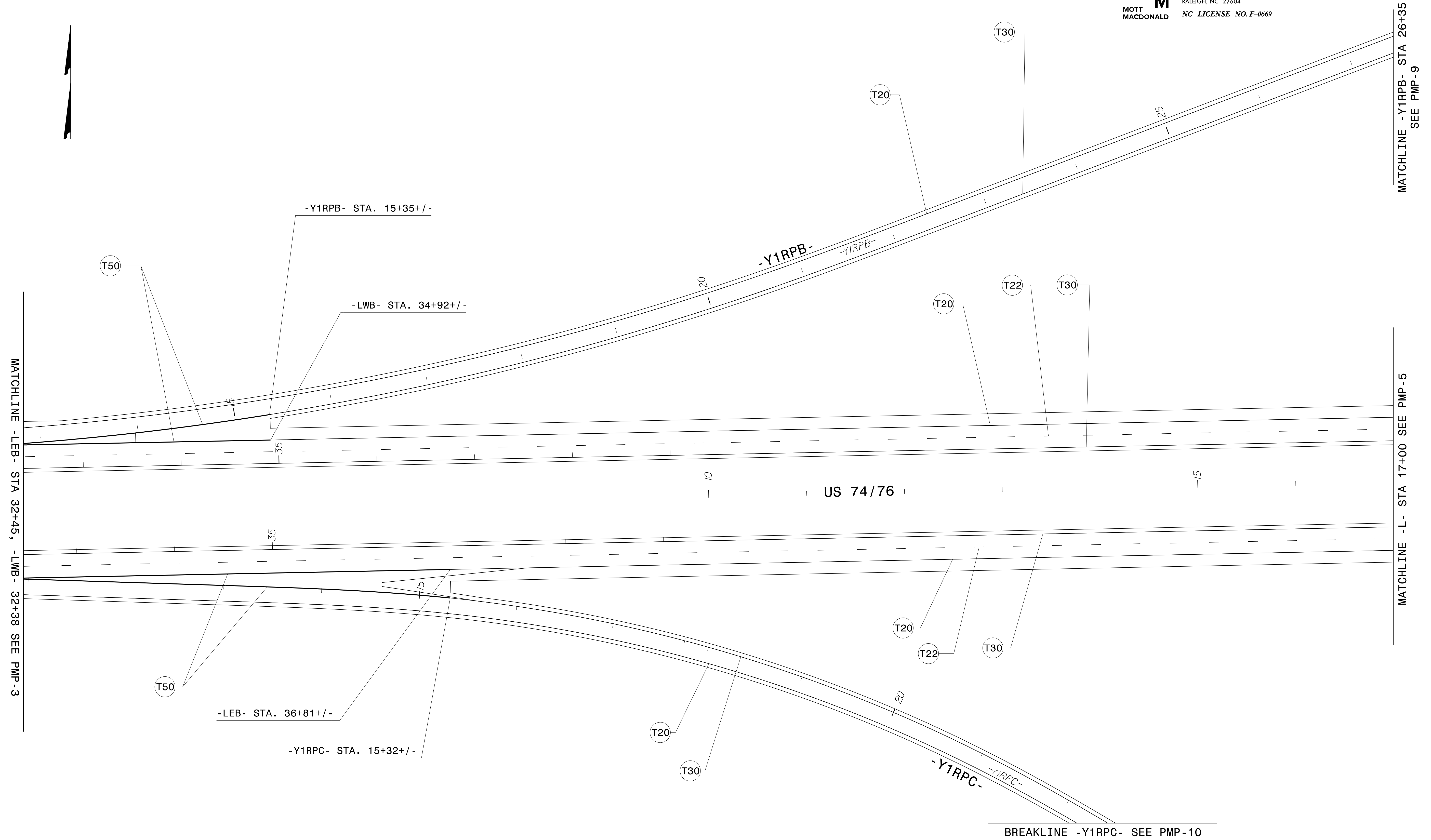
MATCHLINE -LEB- STA 32+45, -LWB- 32+38 SEE SIGN-4

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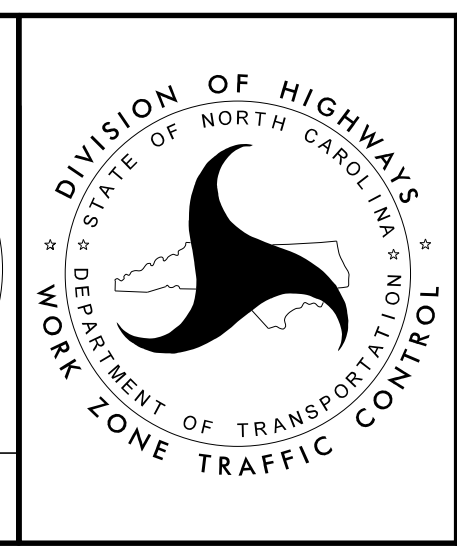
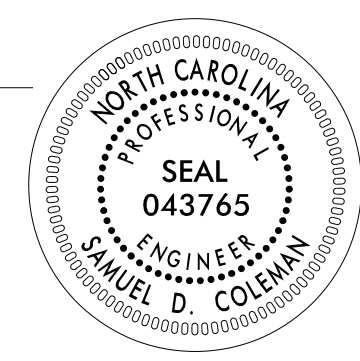
M
M
 MOTT MACDONALD
 NC LICENSE NO. F-0669

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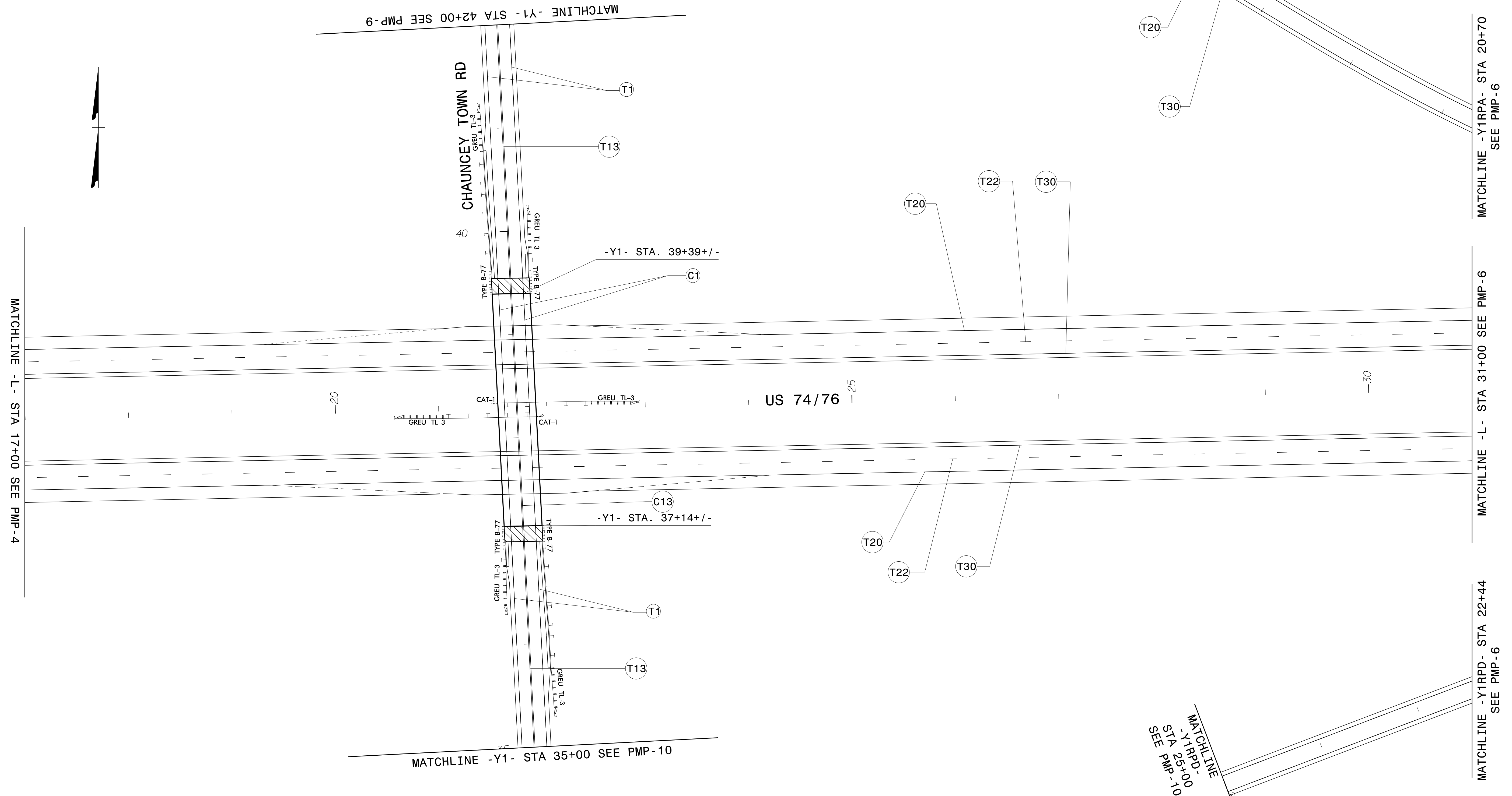


**PAVEMENT MARKING
 DETAIL SHEET**

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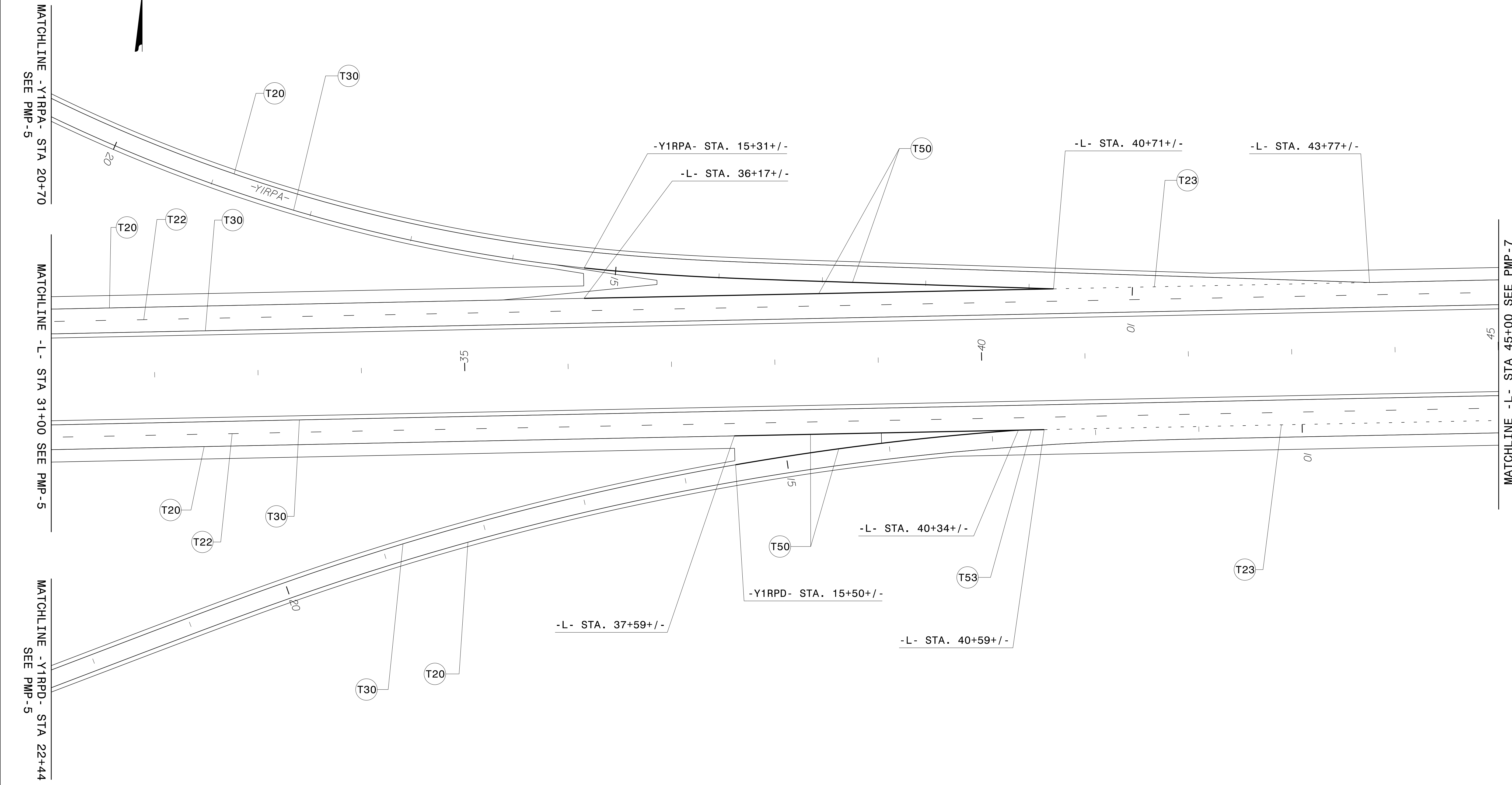


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APPROVED: _____ DATE: _____ SEAL		 DIVISION OF HIGHWAYS NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL
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PAVEMENT MARKING DETAIL SHEET		

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APPROVED: _____ DATE: _____ SEAL		 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PAVEMENT MARKING DETAIL SHEET
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

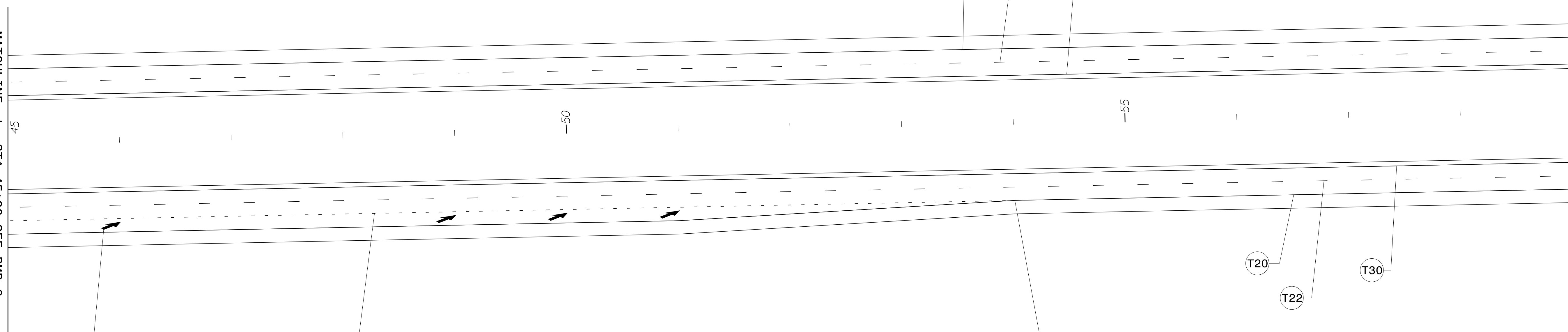
PROJ. REFERENCE NO.	SHEET NO.
R-5819 R-5820	PMP-7

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MATCHLINE - L - STA 45+00 SEE PMP-6



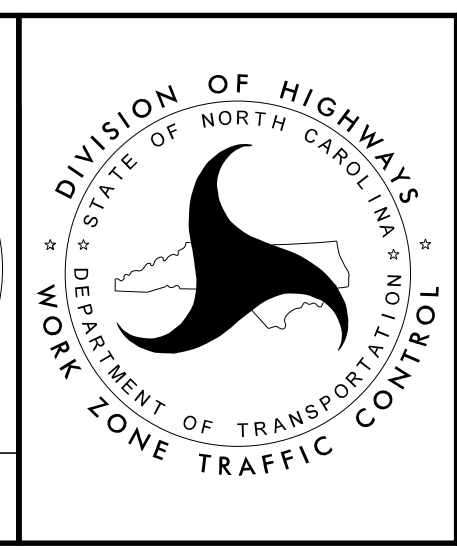
BREAKLINE - L - SEE PMP-16 AND PMP-17

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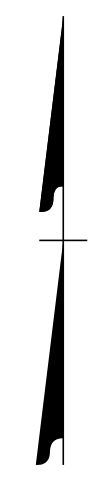


PAVEMENT MARKING
 DETAIL SHEET

PROJ. REFERENCE NO.	SHEET NO.
R-5819 R-5820	PMP-8

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M MOTT MACDONALD
 NC LICENSE NO. F-0669



BREAKLINE - L - SEE PMP-16 AND PMP-17

T20 T22 T30

T20 T22 T30

-L- STA. 105+30+/-

END TIP PROJECT
 R-5819/R-5820
 -L- POC STA 105+30

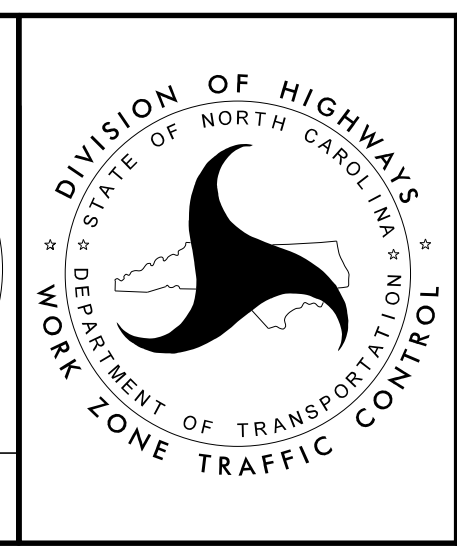
-L- STA. 105+30+/-

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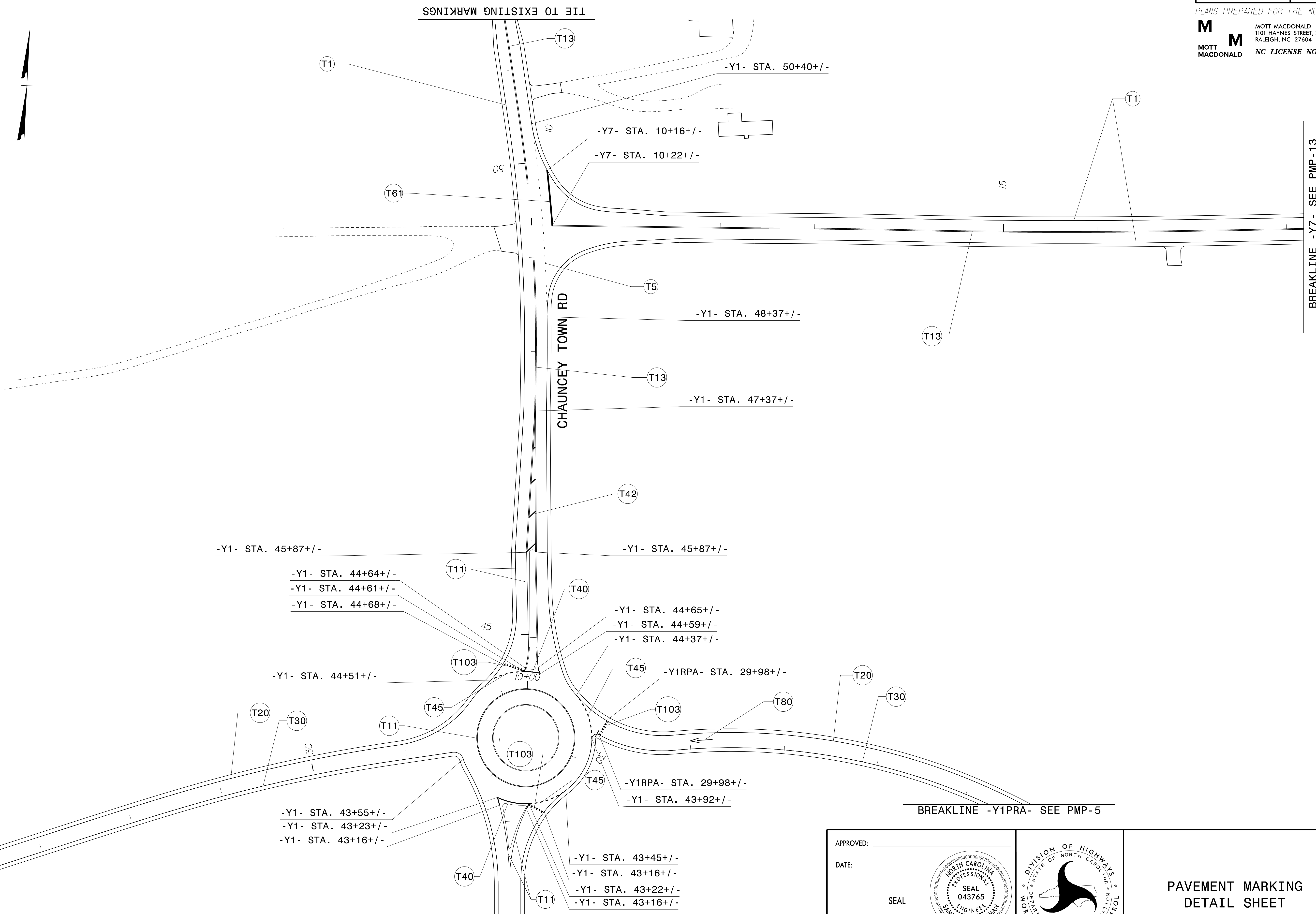
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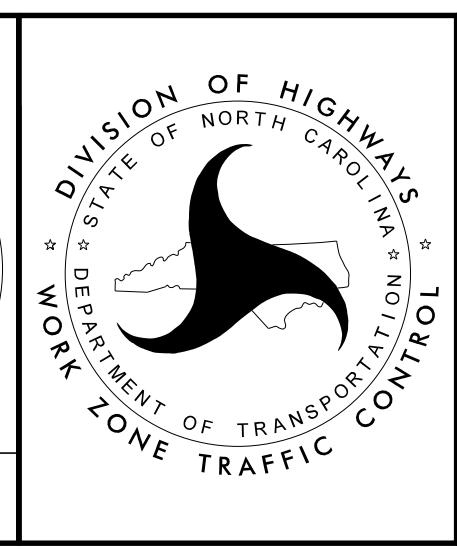


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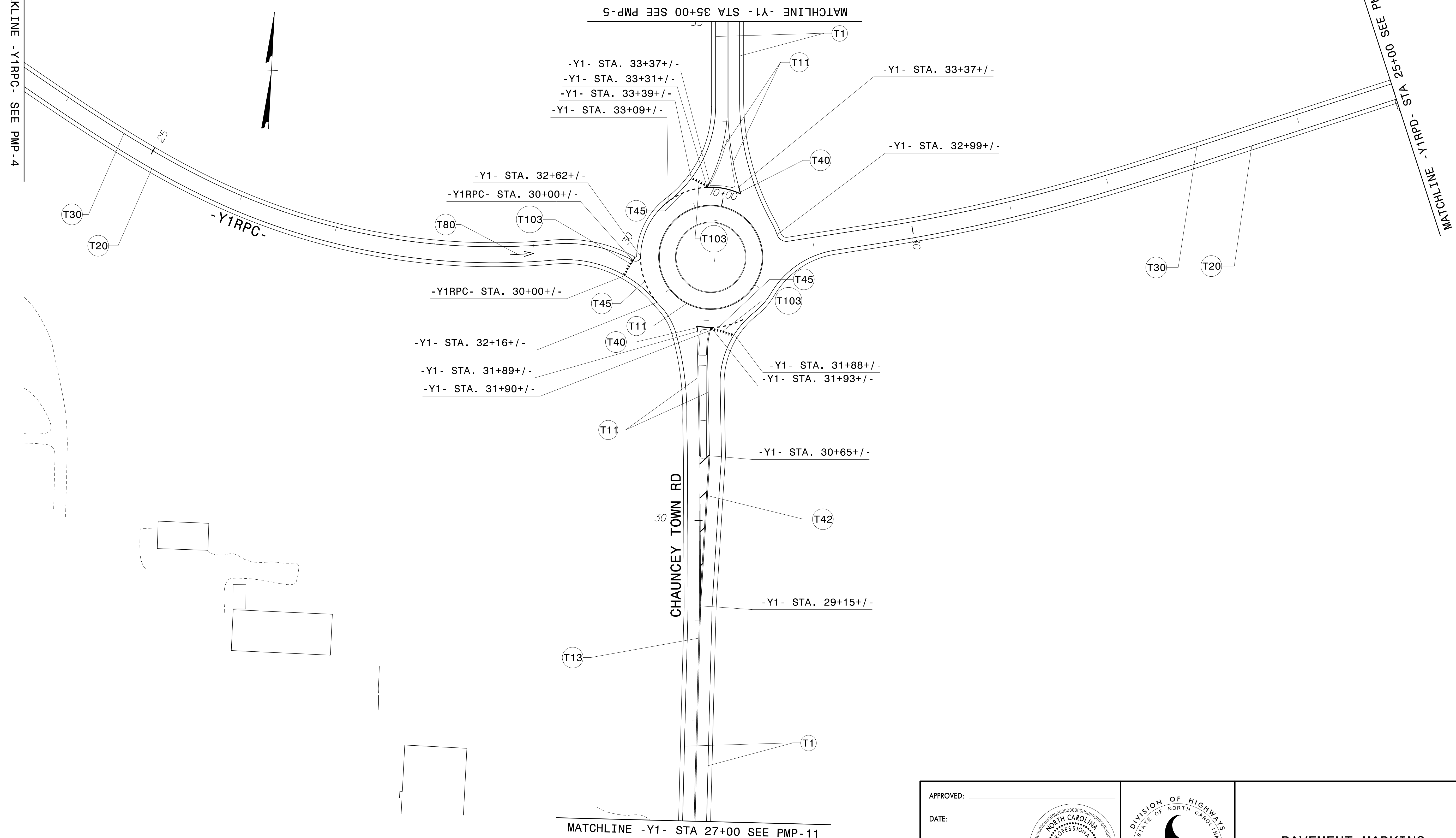
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BREAKLINE -Y1RPC- SEE PMP-4

MATCHLINE -Y1RPC- STA 00+52 SEE PMP-5

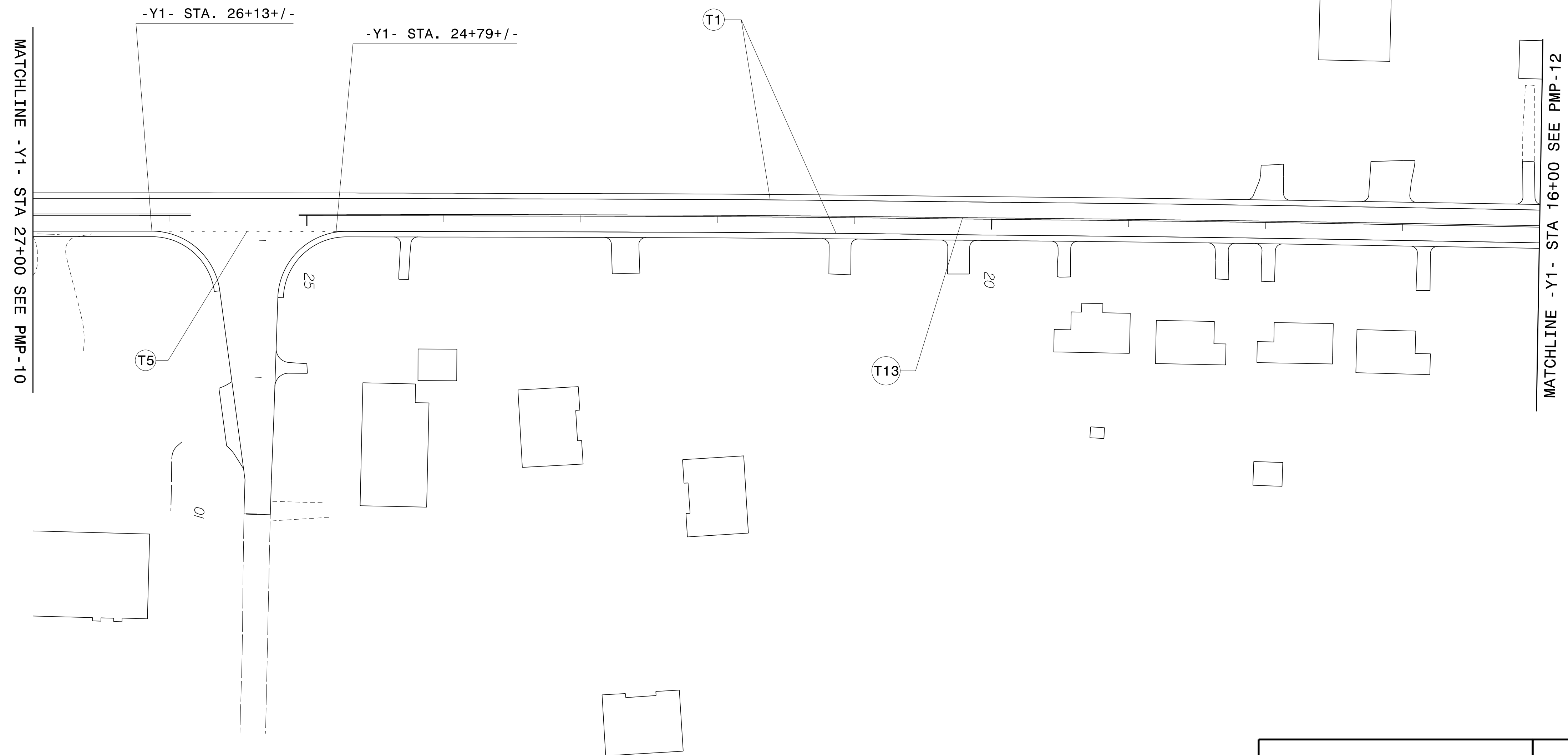


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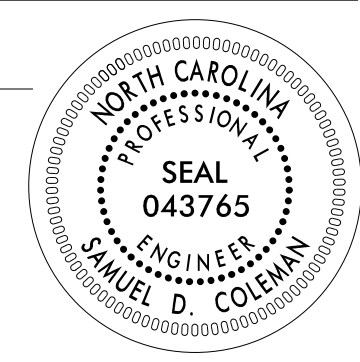

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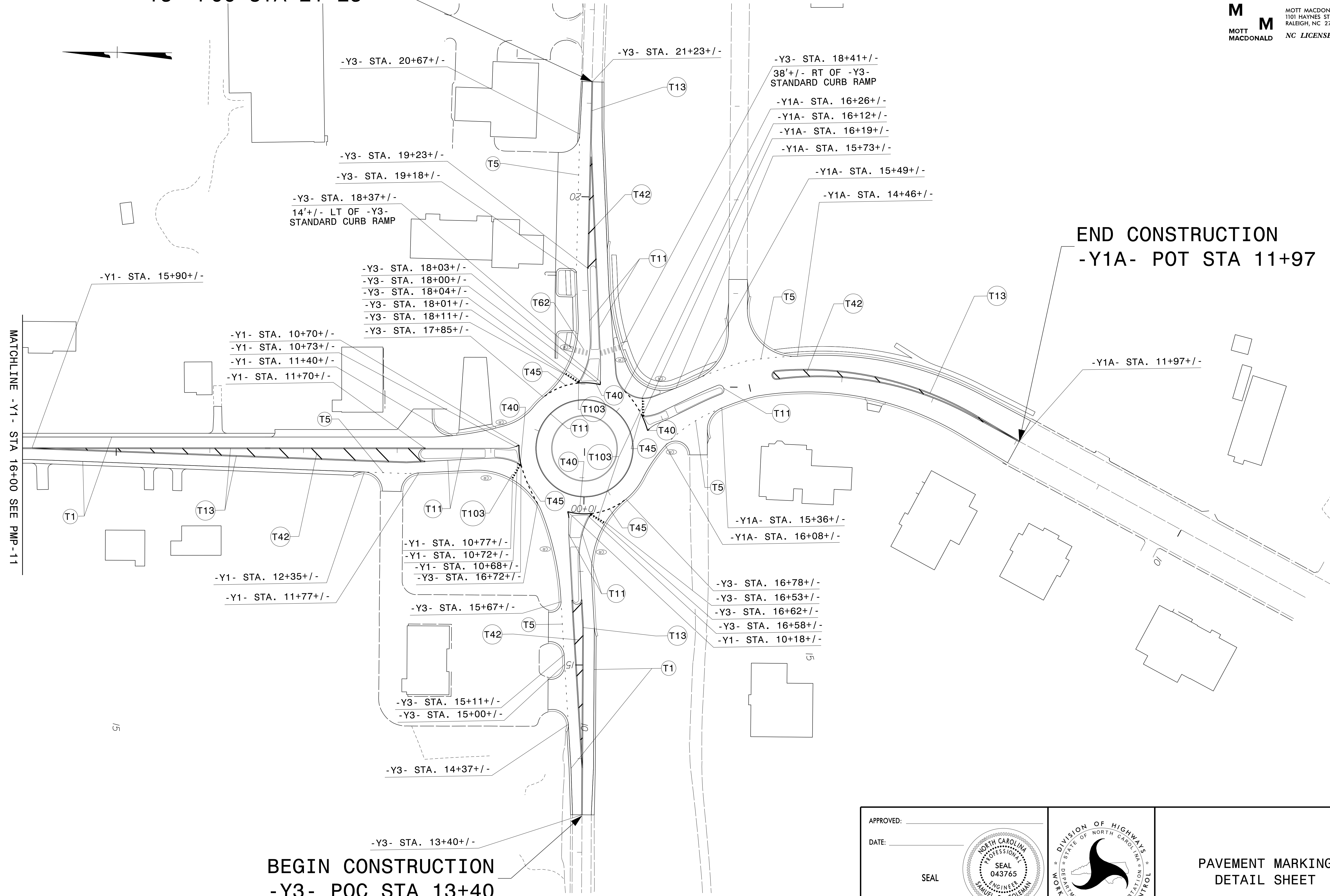
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END CONSTRUCTION
-Y3- POC STA 21+23

PROJ. REFERENCE NO.	SHEET NO.
R-5819 R-5820	PMP-12

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END CONSTRUCTION
-Y1A- POT STA 11+97

BEGIN CONSTRUCTION
-Y3- POC STA 13+40

MATCHLINE -Y1- STA 16+00 SEE PMP-11

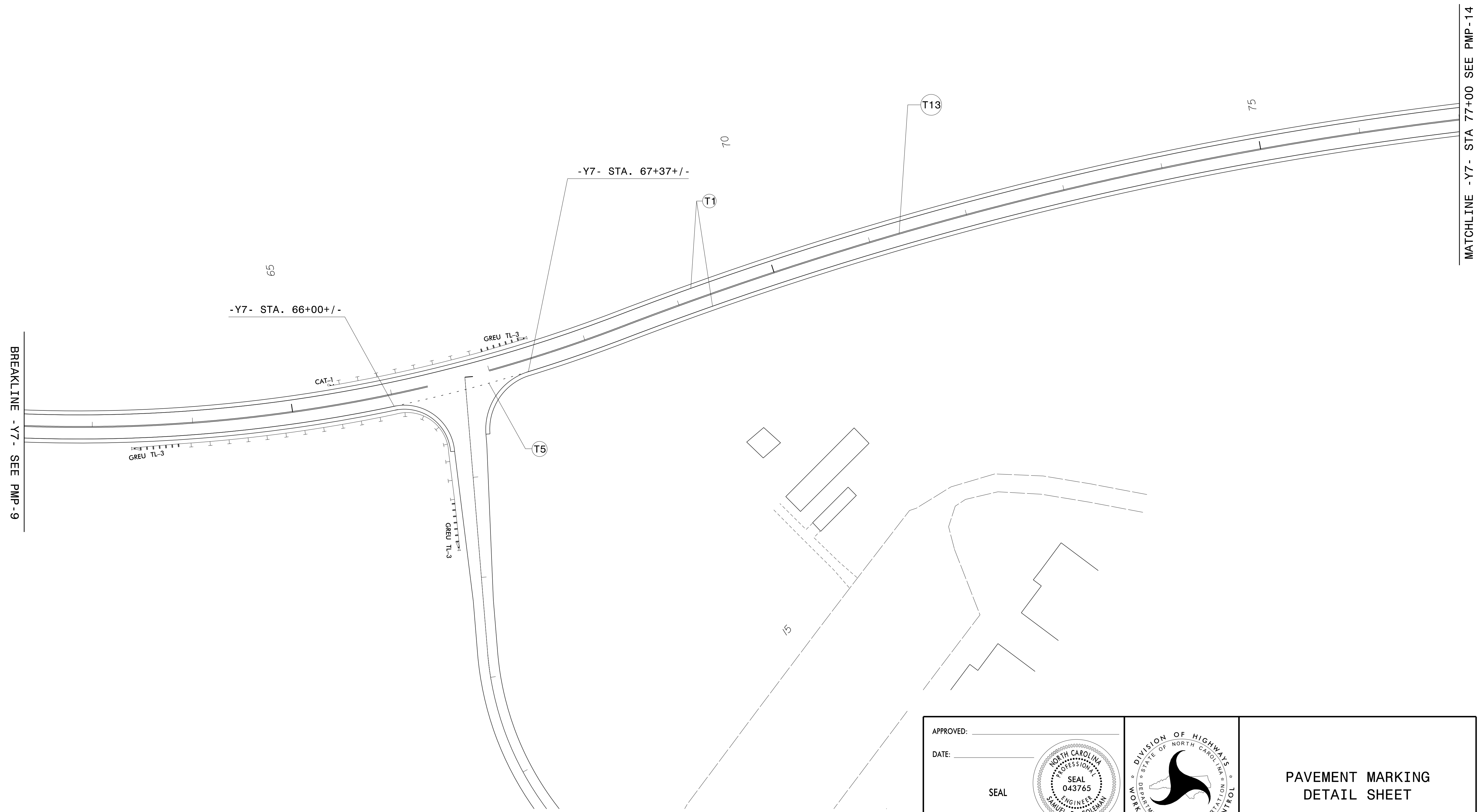
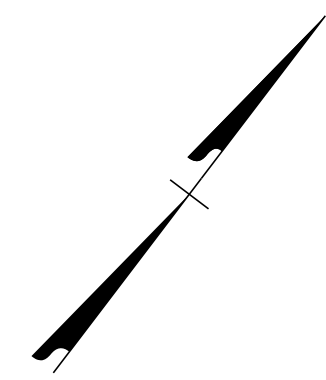
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PROJ. REFERENCE NO.	SHEET NO.
R-5819 R-5820	PMP-13

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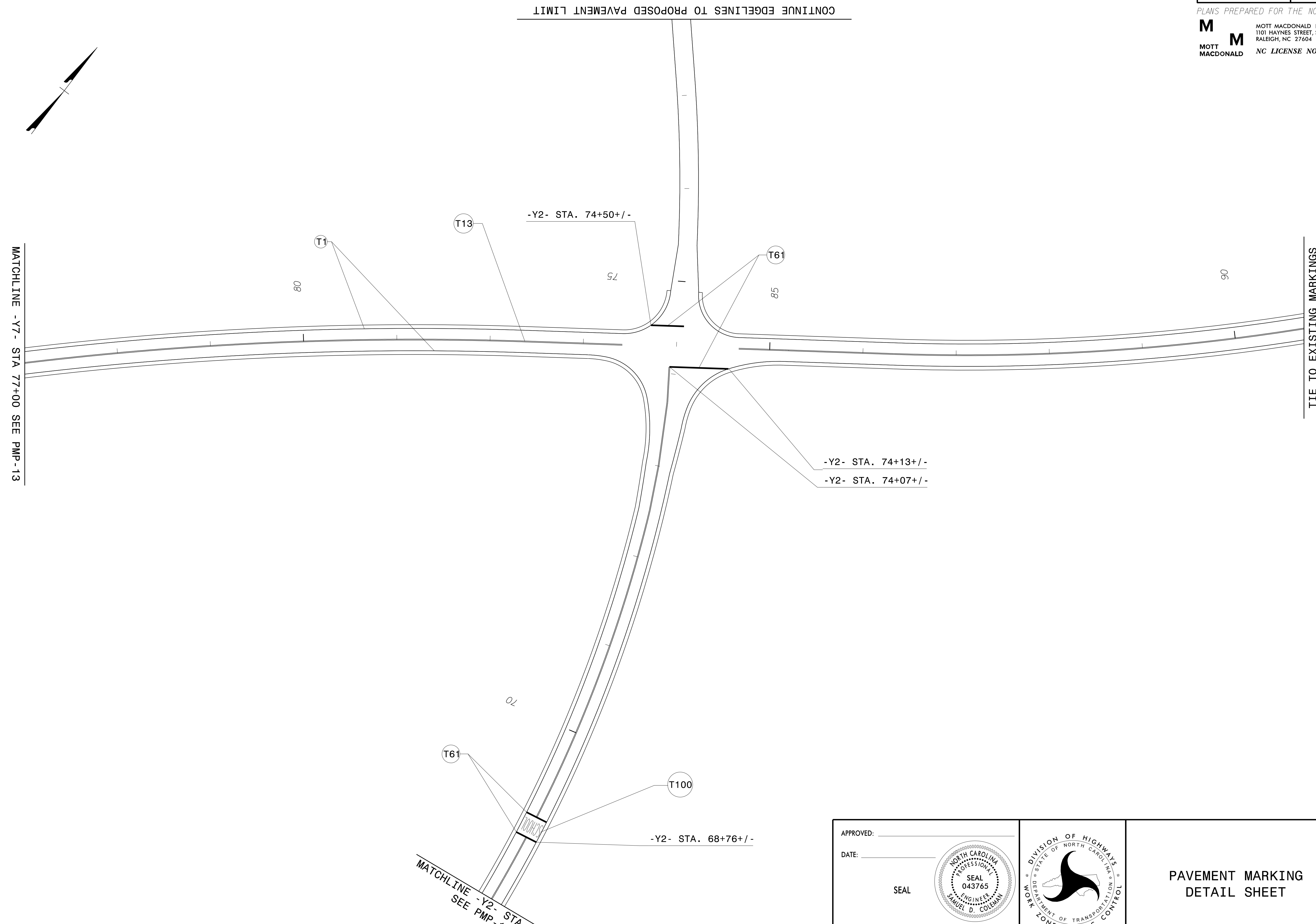
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<p align="center">PAVEMENT MARKING DETAIL SHEET</p>		

MATCHLINE -Y7- STA 77+00 SEE PMP-13

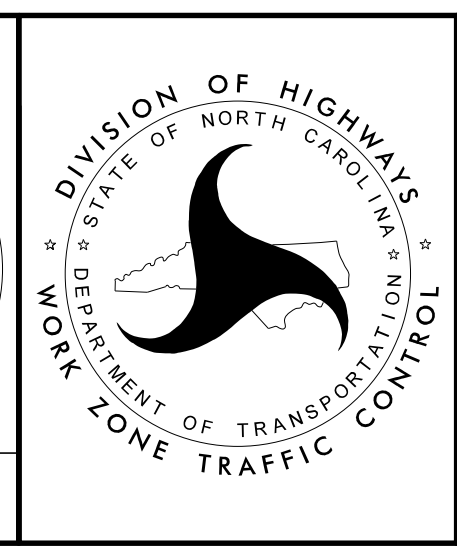
TIE TO EXISTING MARKINGS

CONTINUE EDGELINES TO PROPOSED PAVEMENT LIMIT



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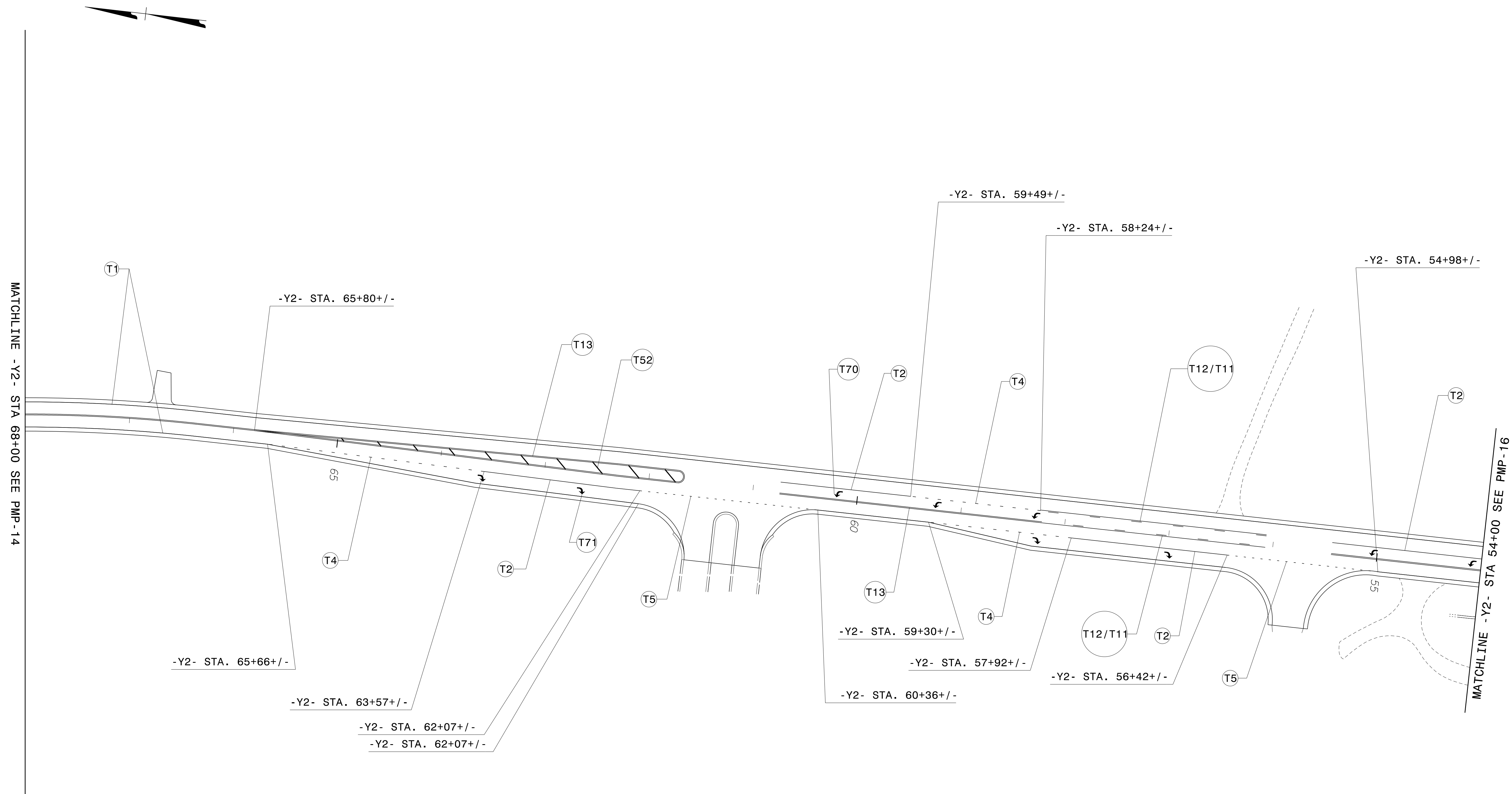
PAVEMENT MARKING
 DETAIL SHEET

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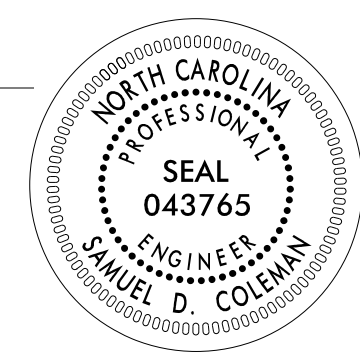

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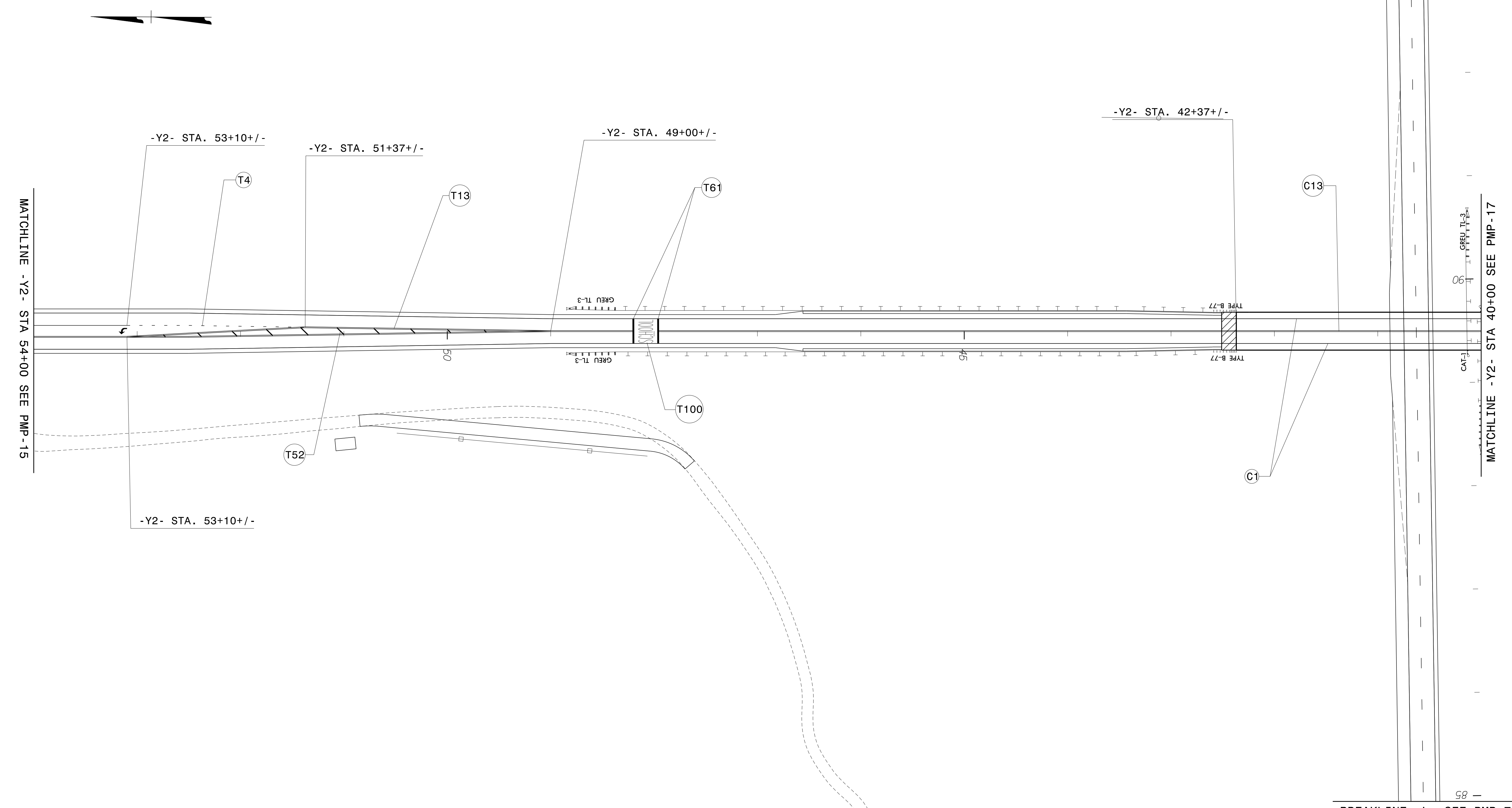
PLANS PREPARED FOR THE NCDOT BY:

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MOTT
MACDONALD

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PROJ. REFERENCE NO.	SHEET NO.
R-5819 R-5820	PMP-16

BREAKLINE -L- SEE PMP-8

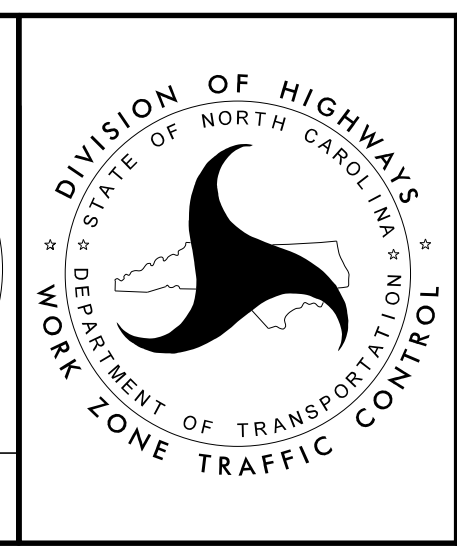
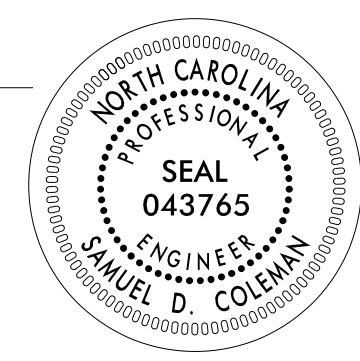


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**PAVEMENT MARKING
DETAIL SHEET**

BREAKLINE -L- SEE PMP-8

MATCHLINE -Y2- STA 40+00 SEE PMP-16

BREAKLINE -L- SEE PMP-7

-Y2- STA. 38+94+/-

-Y2- STA. 28+10+/-

C13

T1

T13

GREU TL-3

GREU TL-3

TYPE B-77

TYPE B-77

L-1A1

40

GREU TL-3

C1

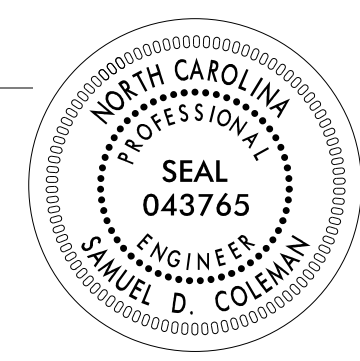
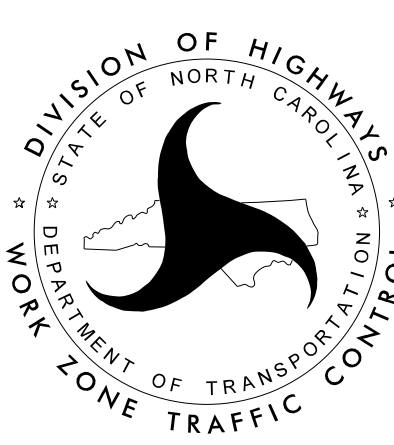
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BEGIN CONSTRUCTION
 -Y2- POT STA 28+10

4/14/2022
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 User:COL85144

APPROVED: _____ DATE: _____ SEAL 		<p style="text-align: center;">PAVEMENT MARKING DETAIL SHEET</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		