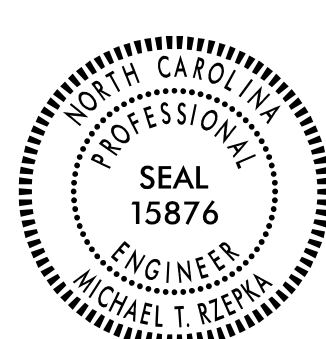


**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CABARRUS COUNTY**

**LOCATION: KANNAPOLIS – SR 1625 (ROGERS LAKE RD.) GRADE
SEPARATION OVER NCRRNS RAILROAD**

TIP NO. Y-4810K	SHEET NO. PMP-1
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 9/19/2022	
	
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T.I.P.: Y-4810K

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, INDEX FINAL PAVEMENT MARKING SCHEDULE, GENERAL NOTES & ROADWAY AND STANDARD DRAWING
PMP-2 THRU 4	PAVEMENT MARKING DETAILS

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
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
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 AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS TYPES
1264.02	OBJECT MARKERS INSTALLATION

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	PERMANENT RAISED
CONCRETE BRIDGE DECK	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) 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) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKING MATERIAL.
 - 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.


**FINAL PAVEMENT
MARKING SCHEDULE**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	<u>THERMOPLASTIC (4", 90 MILS)</u>		<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
T8	2 FT.-6 FT./SP WHITE MINISKIP	UA	LEFT TURN ARROW
TA	WHITE EDGELINE	UB	RIGHT TURN ARROW
TB	YELLOW EDGELINE	UC	STRAIGHT ARROW
TD	3 FT.-9 FT./SP WHITE MINISKIP	UE	COMBO. RIGHT/STRAIGHT ARROW
TE	WHITE SOLID LANE LINE	UJ	BICYCLE SYMBOL
TI	YELLOW DOUBLE CENTER	UK	BICYCLE STRAIGHT ARROW
	<u>THERMOPLASTIC (8", 90 MILS)</u>		<u>COLD APPLIED PLASTIC (4")</u>
T17	3 FT.-3 FT./SP WHITE MINISKIP	CA	WHITE EDGELINE
TN	WHITE GORELINE	CI	YELLOW DOUBLE CENTER
TO	WHITE DIAGONAL		
TP	YELLOW DIAGONAL		
	<u>THERMOPLASTIC (24", 90 MILS)</u>		<u>PERMANENT RAISED PAVEMENT MARKERS</u>
T2	WHITE STOPBAR	MA	YELLOW & YELLOW
T3	WHITE CROSSWALK LINE	MB	CRYSTAL & RED

PLAN PREPARED FOR N.C.D.O.T.

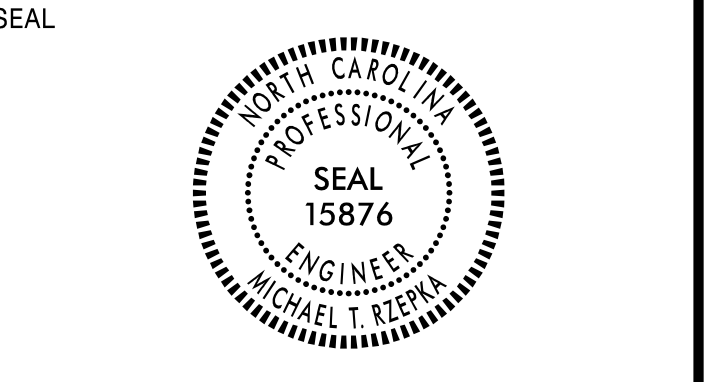
 NC DEPARTMENT OF TRANSPORTATION RAIL DIVISION	1556 MAIL SERVICE CENTER RALEIGH, NC 27699-1556 (919) 707 4110 (919) 707-4154 (FAX)	
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K. TRIVEDI, P.E. NCDOT RAIL DIVISION

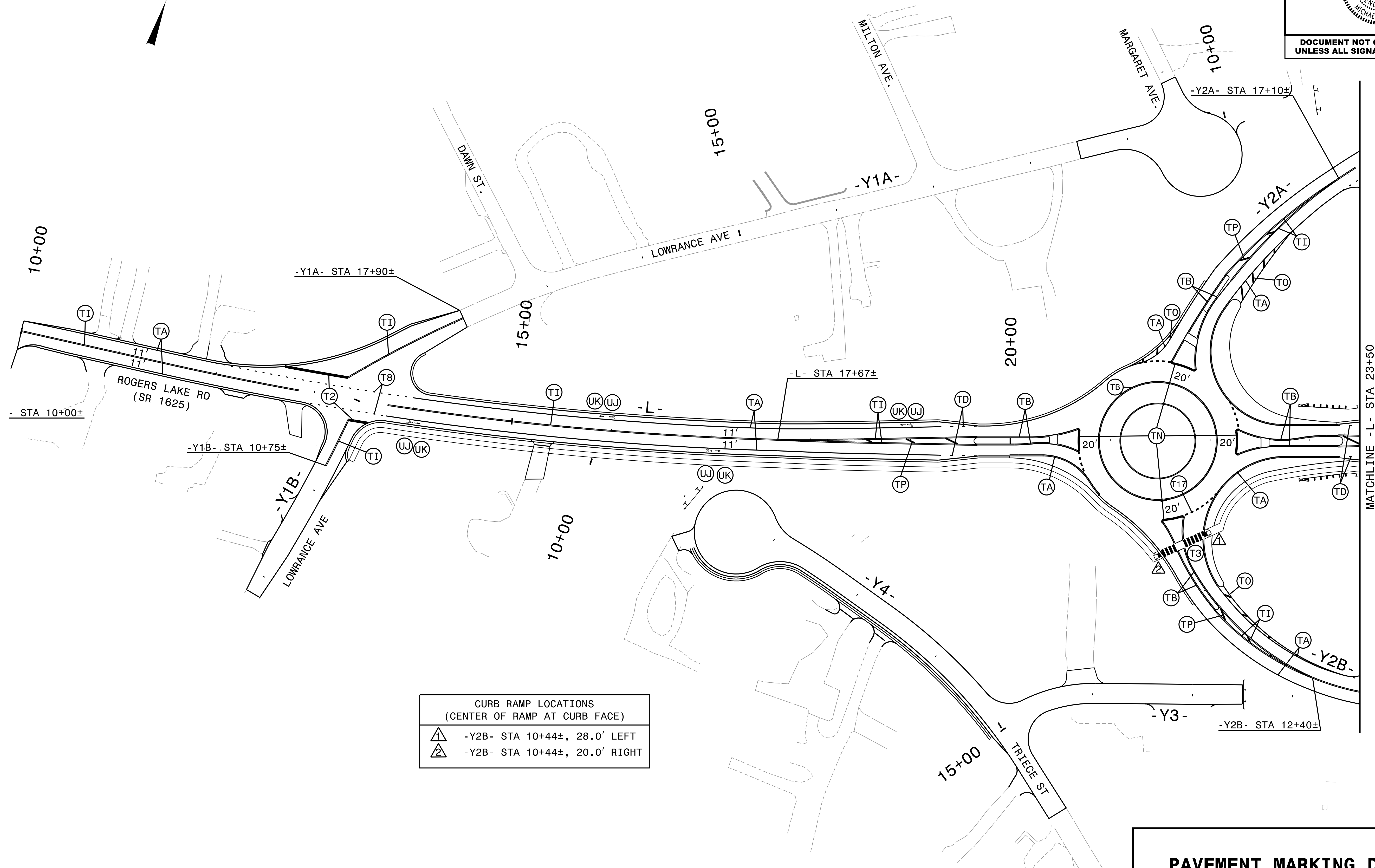
PLAN PREPARED BY: HDR	 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116
M. T. RZEPKA, P.E. PROJECT ENGINEER C. HARNDEN DESIGN ENGINEER	

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CONTRACT:



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CURB RAMP LOCATIONS (CENTER OF RAMP AT CURB FACE)	
①	-Y2B- STA 10+44±, 28.0' LEFT
②	-Y2B- STA 10+44±, 20.0' RIGHT

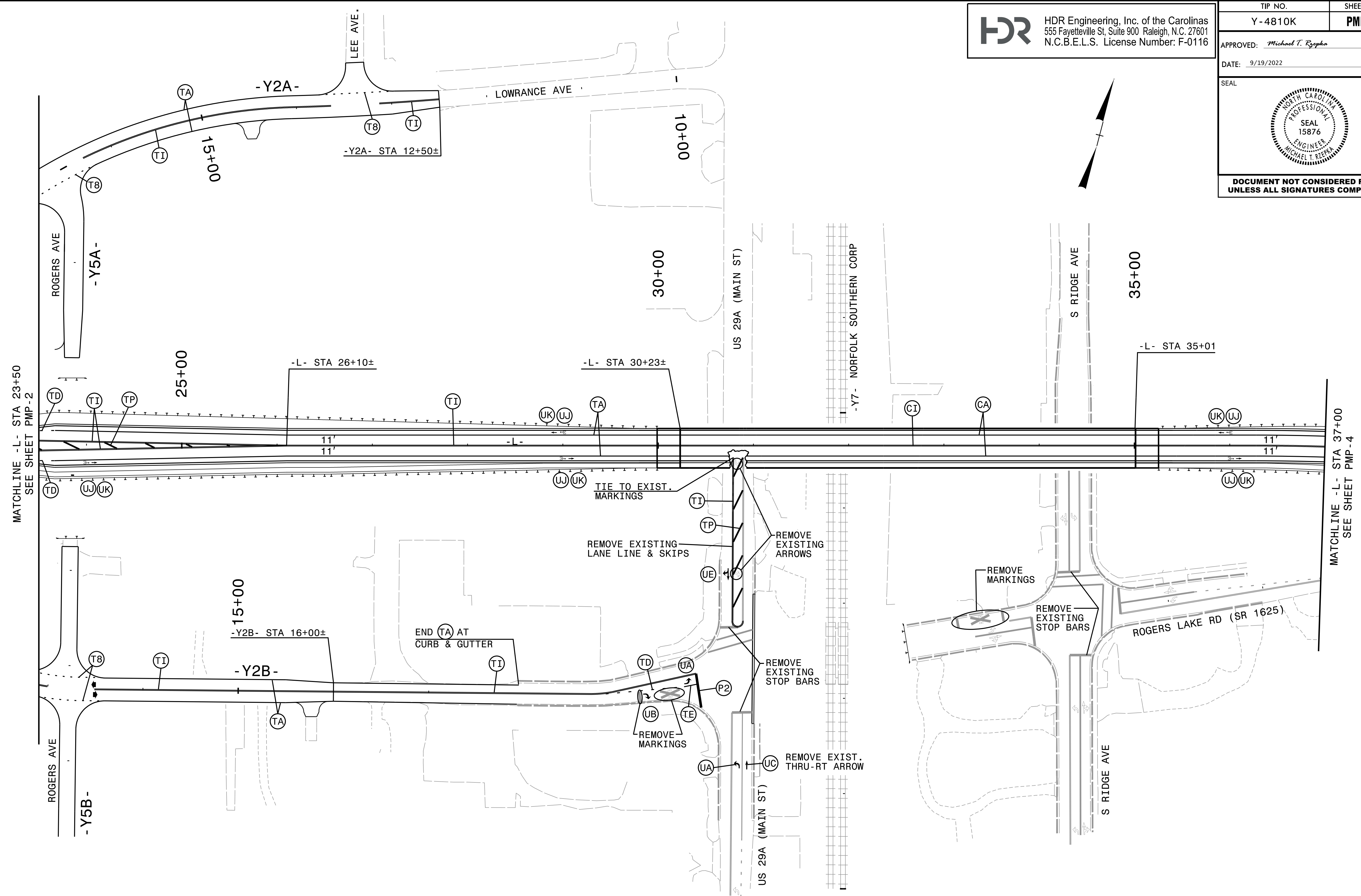
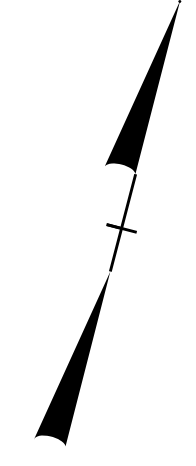
MATCHLINE - L- STA 23+50
SEE SHEET PMP-3

PAVEMENT MARKING DETAIL

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HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116


TIP NO. Y-4810K	SHEET NO. PMP-3
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DATE: 9/19/2022	
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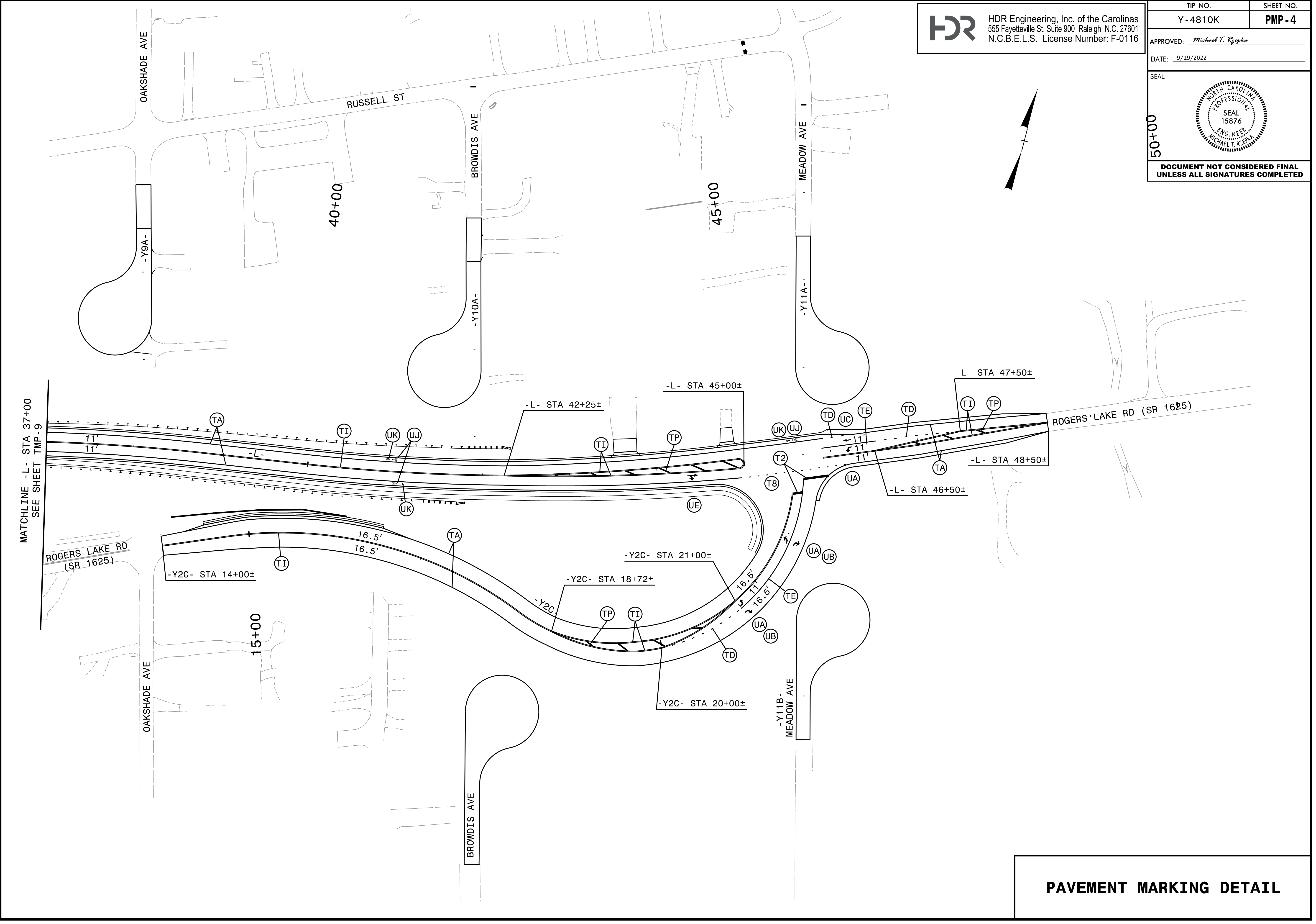
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PAVEMENT MARKING DETAIL

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 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

TIP NO. Y-4810K	SHEET NO. PMP-4
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DATE: 9/19/2022	
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PAVEMENT MARKING DETAIL