


T.I.P.: R-2303B

CONTRACT:

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CUMBERLAND & SAMPSON COUNTIES**

TIP NO. R-2303B	SHEET NO. PMP-1
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL 	

**FINAL PAVEMENT
MARKING SCHEDULE**

SYMBOL	DESCRIPTION
	(FINAL PAVEMENT MARKINGS)
	THERMOPLASTIC (4", 90 MILS)
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
	THERMOPLASTIC (4", 120 MILS)
T8	2 FT.-6 FT./SP WHITE MINISKIP
T9	2 FT.-6 FT./SP YELLOW MINISKIP
TC	10 FT. WHITE SKIP
TD	3 FT.-9 FT./SP WHITE MINISKIP
TI	YELLOW DOUBLE CENTER
	THERMOPLASTIC (8", 90 MILS)
TN	THERMOPLASTIC WHITE GORELINE
TO	THERMOPLASTIC WHITE DIAGONAL
TP	THERMOPLASTIC YELLOW DIAGONAL
	THERMOPLASTIC (8", 120 MILS)
T13	3 FT.-9 FT./SP WHITE MINISKIP
TR	WHITE SOLID LANE LINE
	THERMOPLASTIC (24", 120 MILS)
T2	WHITE STOPBAR
	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UD	COMBO STRAIGHT/LEFT ARROW
UT	U-TURN ARROW
	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
UI	ALPHANUMERIC CHARACTER
	(MARKERS)
	PERMANENT RAISED PAVEMENT MARKERS (SNOWPLOWABLE)
ME	YELLOW/YELLOW
MF	CRYSTAL/RED

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 2012 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 - 2-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS TYPES
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:

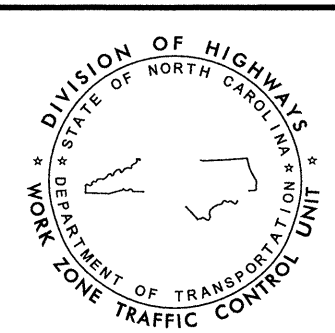
ROAD NAME	MARKING	MARKER
ALL	THERMOPLASTIC	SNOWPLOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING THERMOPLASTIC PAVEMENT MARKING MATERIAL.
- G) 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.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-1A	REVISED PAVEMENT MARKING STANDARD DRAWING - LANE DROPS
PMP-1B	REVISED PAVEMENT MARKING STANDARD DRAWING - SYMBOL AND WORD MESSAGES
PMP-2	PAVEMENT MARKING DETAIL - INTERSECTION TYPICAL
PMP-3-12	PAVEMENT MARKING DETAIL

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

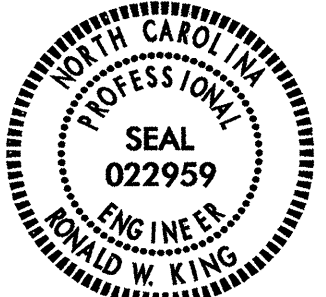
A. ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
B. RASHID SIGNING & DELINEATION DESIGN ENGINEER



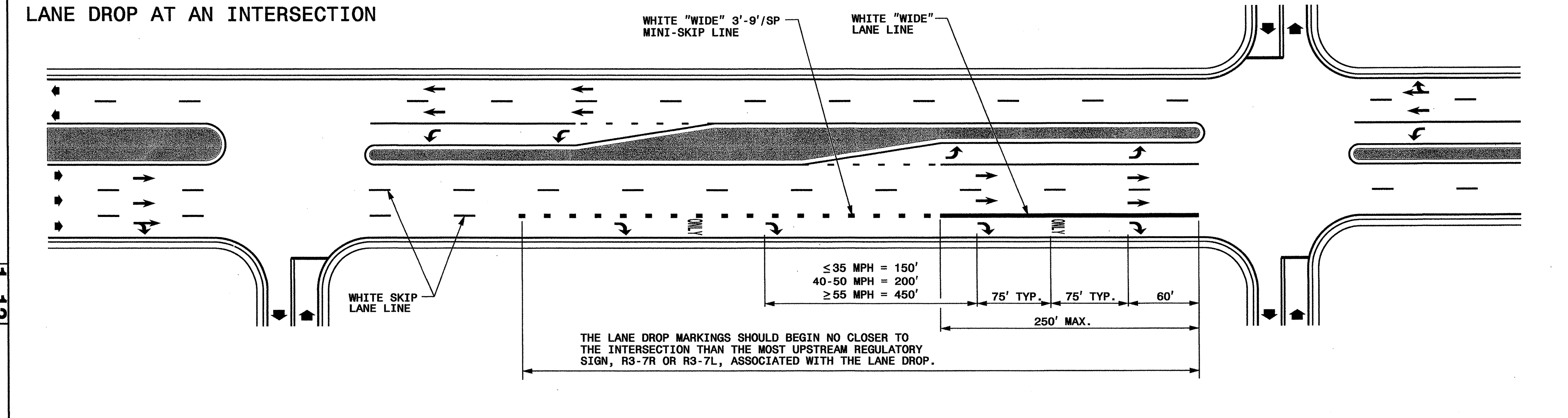
PLAN PREPARED BY: FLORENCE & HUTCHESON

M. T. RZEPKA, P.E. PROJECT ENGINEER
T. A. GRAVES, P.E. DESIGN ENGINEER
H. BARE DESIGN TECHNICIAN



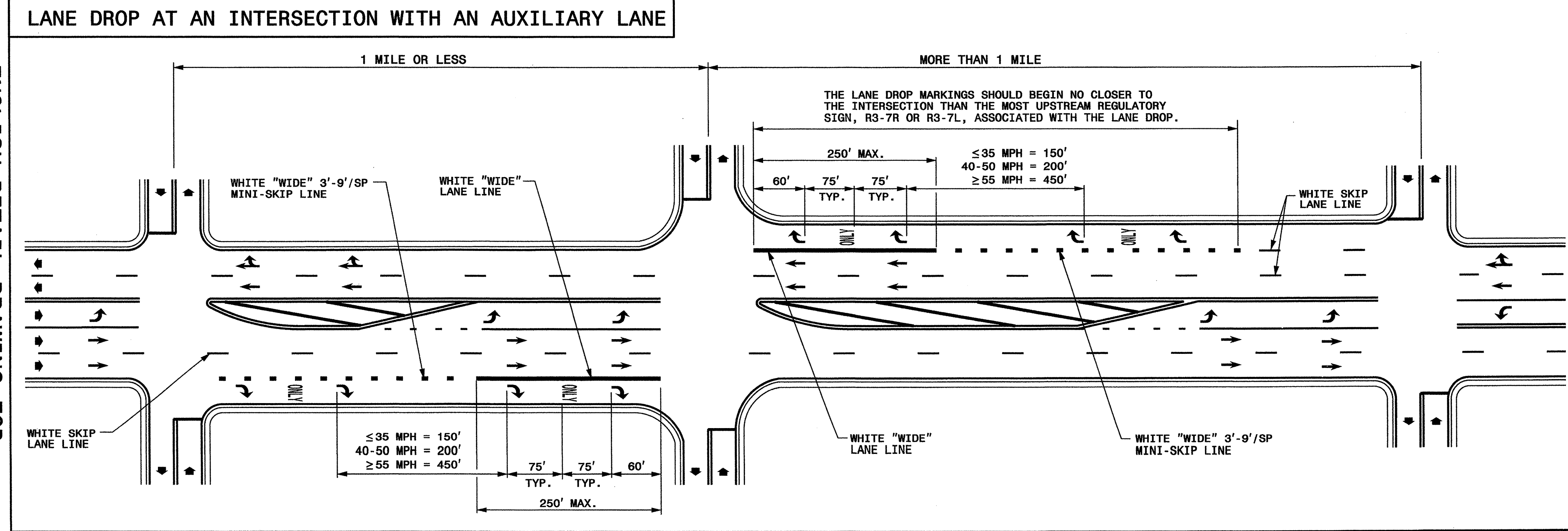
TIP NO. R-2303B	SHEET NO. PMP-1A
APPROVED: <i>[Signature]</i>	
DATE: 3/4/12	
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 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.



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 RALEIGH, N.C.



ENGLISH DETAIL DRAWING FOR
 PAVEMENT MARKINGS
 LANE DROPS



ENGLISH DETAIL DRAWING FOR
 PAVEMENT MARKINGS
 LANE DROPS

- GENERAL NOTES:**
- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH INTERSECTION GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.04.
 - LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE	 ONLY PAVEMENT MARKING SYMBOLS & CHARACTERS
 DIRECTION OF TRAFFIC FLOW	

SHEET 1 OF 3
1205D06

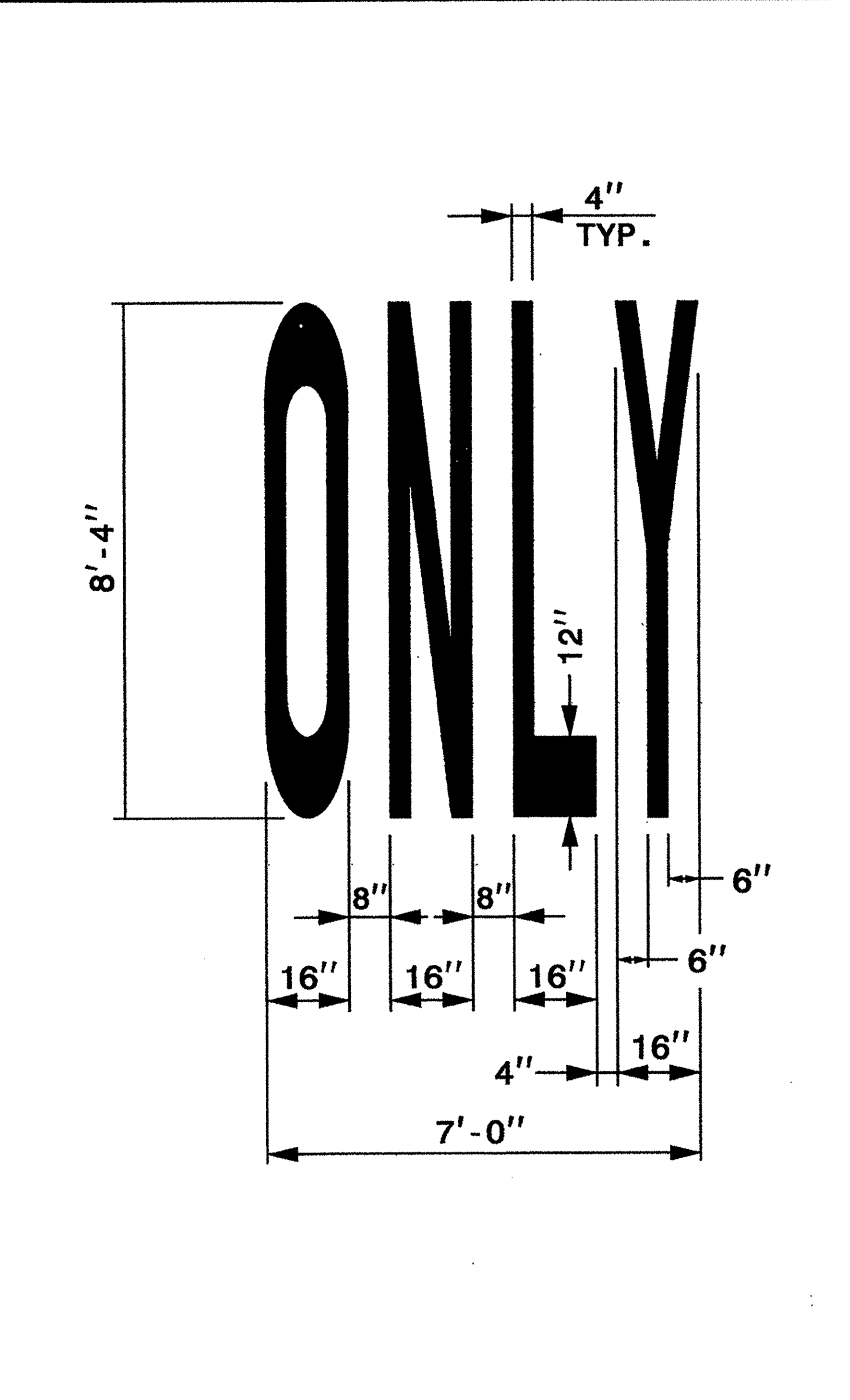
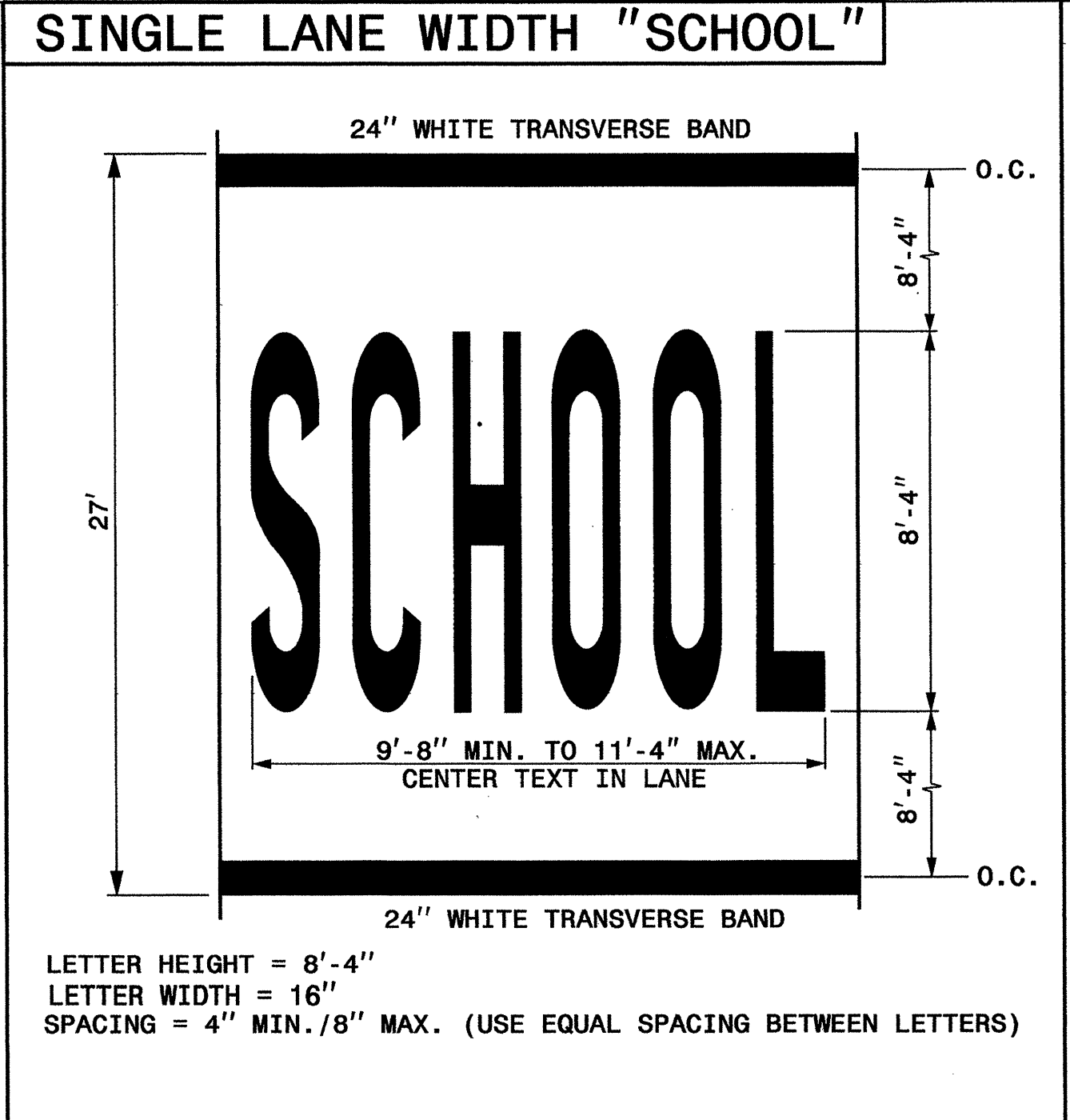
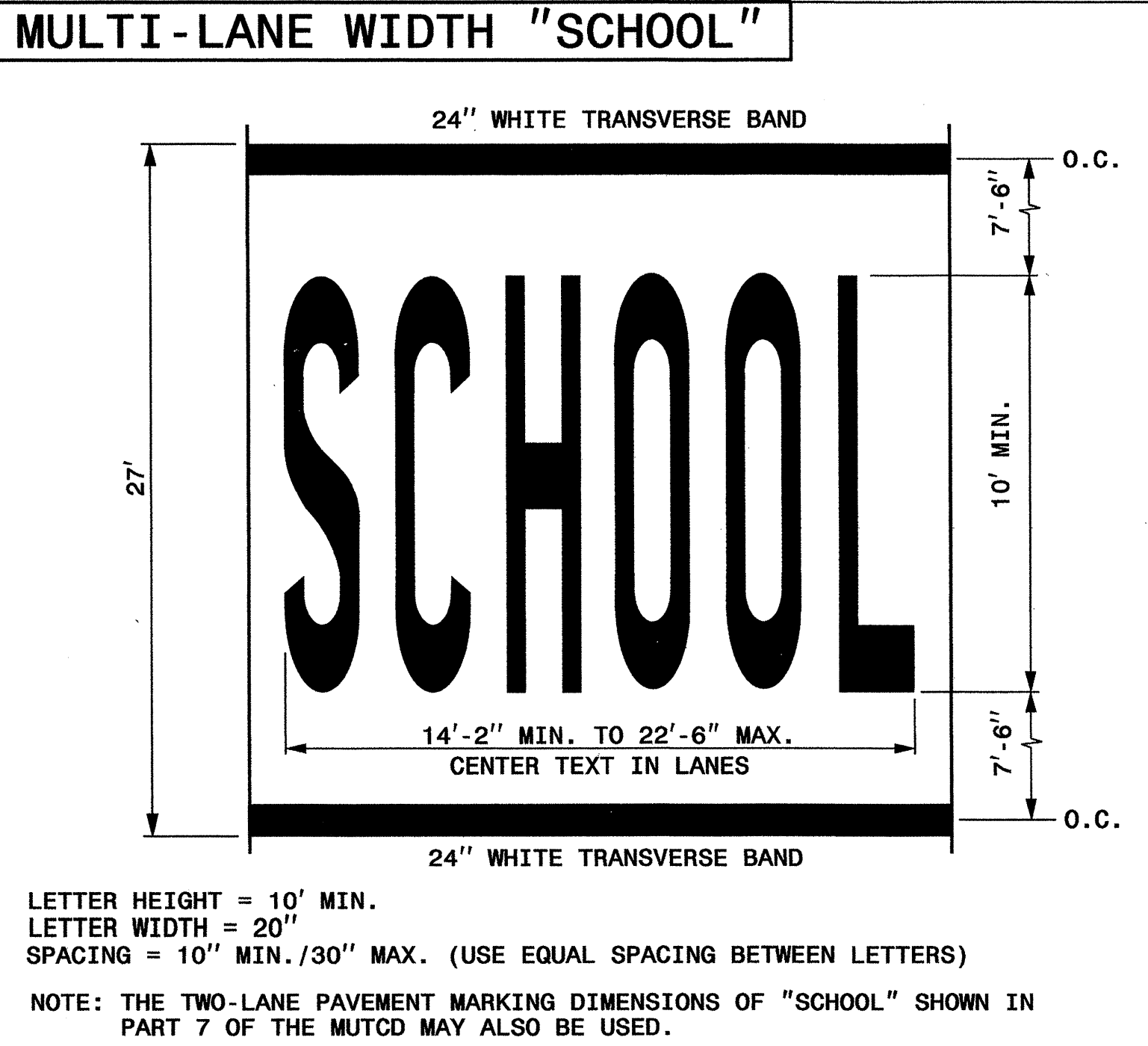
SHEET 1 OF 3
1205D06

**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

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APPROVED: <i>R/WF</i>	
DATE: 7/8/12	
SEAL	

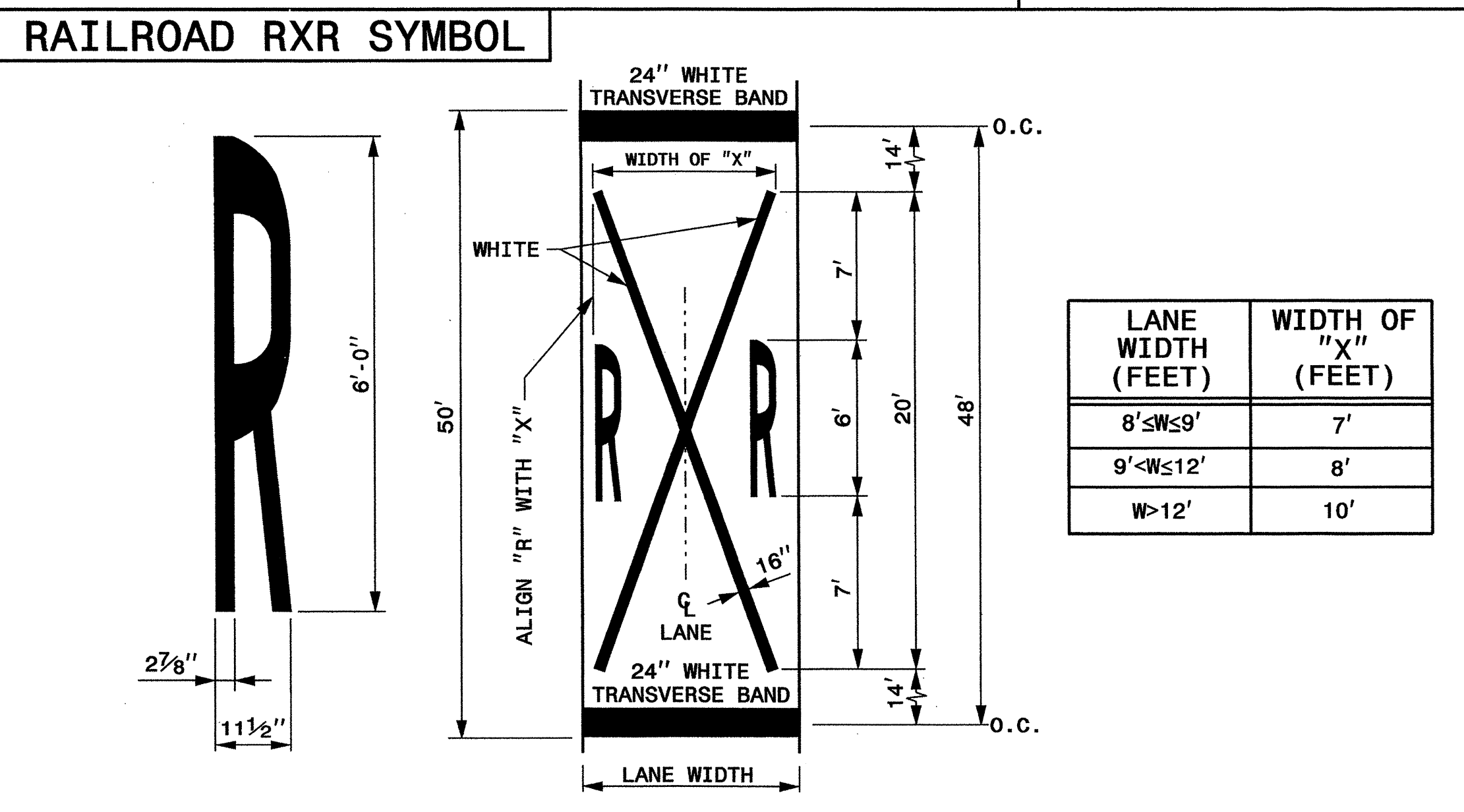
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ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08



GENERAL NOTES:

- 1- THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.10 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
- 2- PAVEMENT MARKING IN ADVANCE OF A HIGHWAY-RAIL CROSSING SHALL CONSIST OF TWO (2) CHARACTERS AND TWO (2) 16" LINES (FORMING AN X) WHICH ARE PAID FOR UNDER TWO SEPARATE PAY ITEMS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.11 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

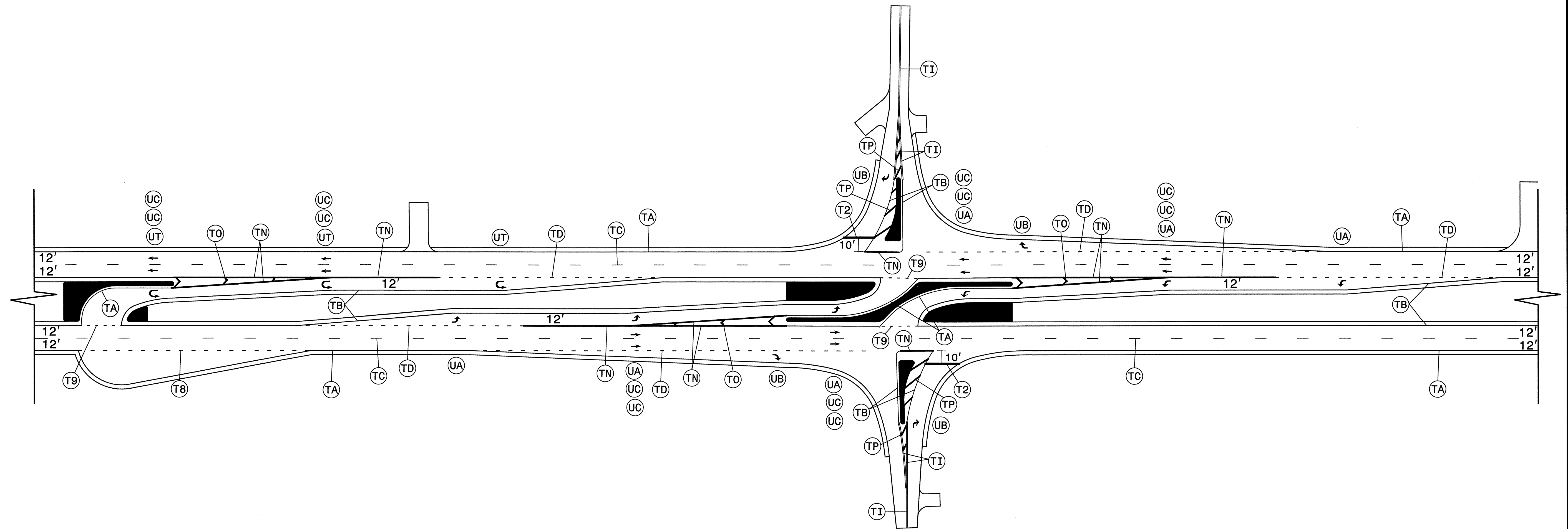
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08

**REVISED PAVEMENT MARKING
 ROADWAY STANDARD DRAWING**

08-MAR-2012 12:38
 C:\Users\jking\Documents\Standard Drawings\Standard Drawings\1205D0803_Rev1.rvt
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TIP NO. R-2303B	SHEET NO. PMP-2
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
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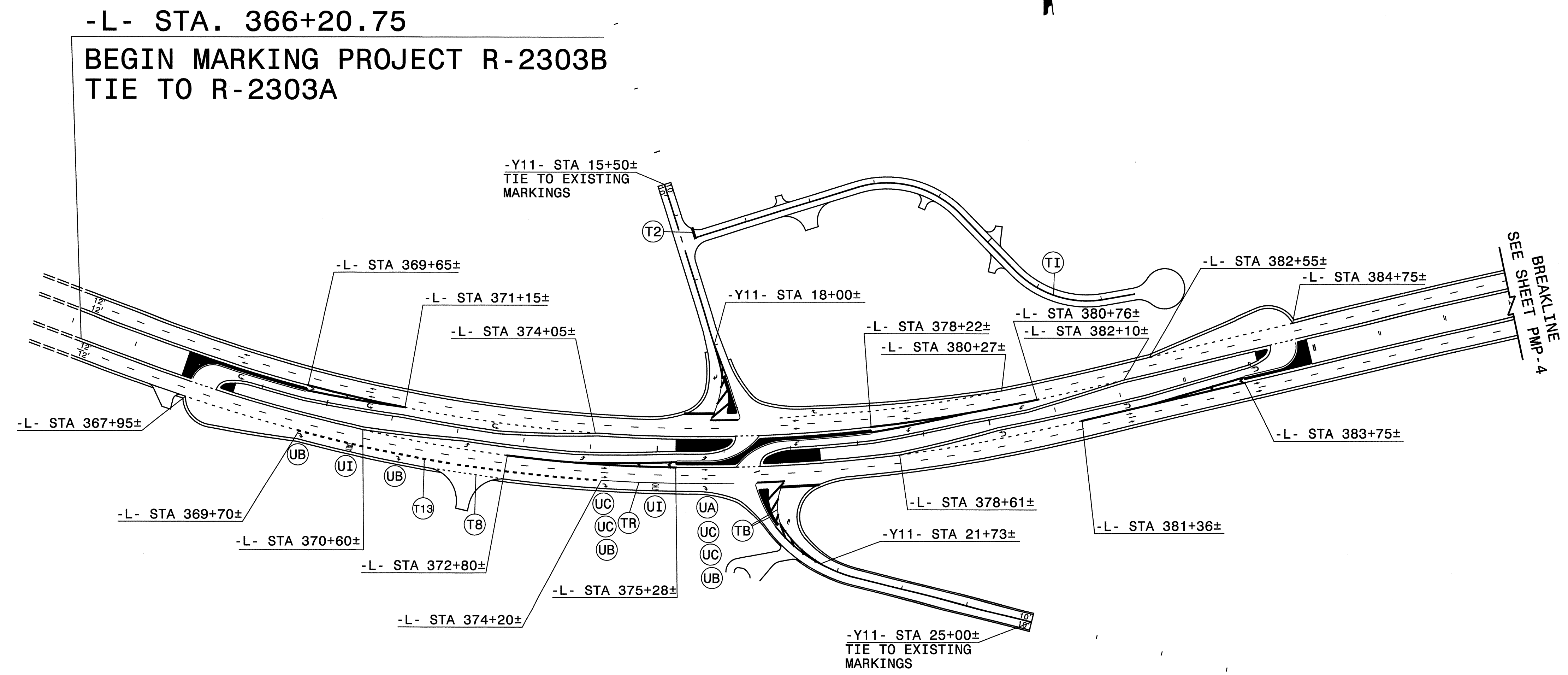
NOTE: THIS DETAIL PROVIDES TYPICAL PAVEMENT MARKINGS AT NON-SIGNALIZED INTERSECTIONS. SEE SHEETS PMP-3 THRU PMP-12 FOR SPECIFIC INTERSECTION LAYOUTS.

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**PAVEMENT MARKING DETAIL-
INTERSECTION TYPICAL**

TIP NO. R-2303B	SHEET NO. PMP-3
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	



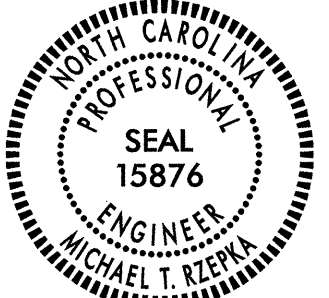
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 TIE TO R-2303A

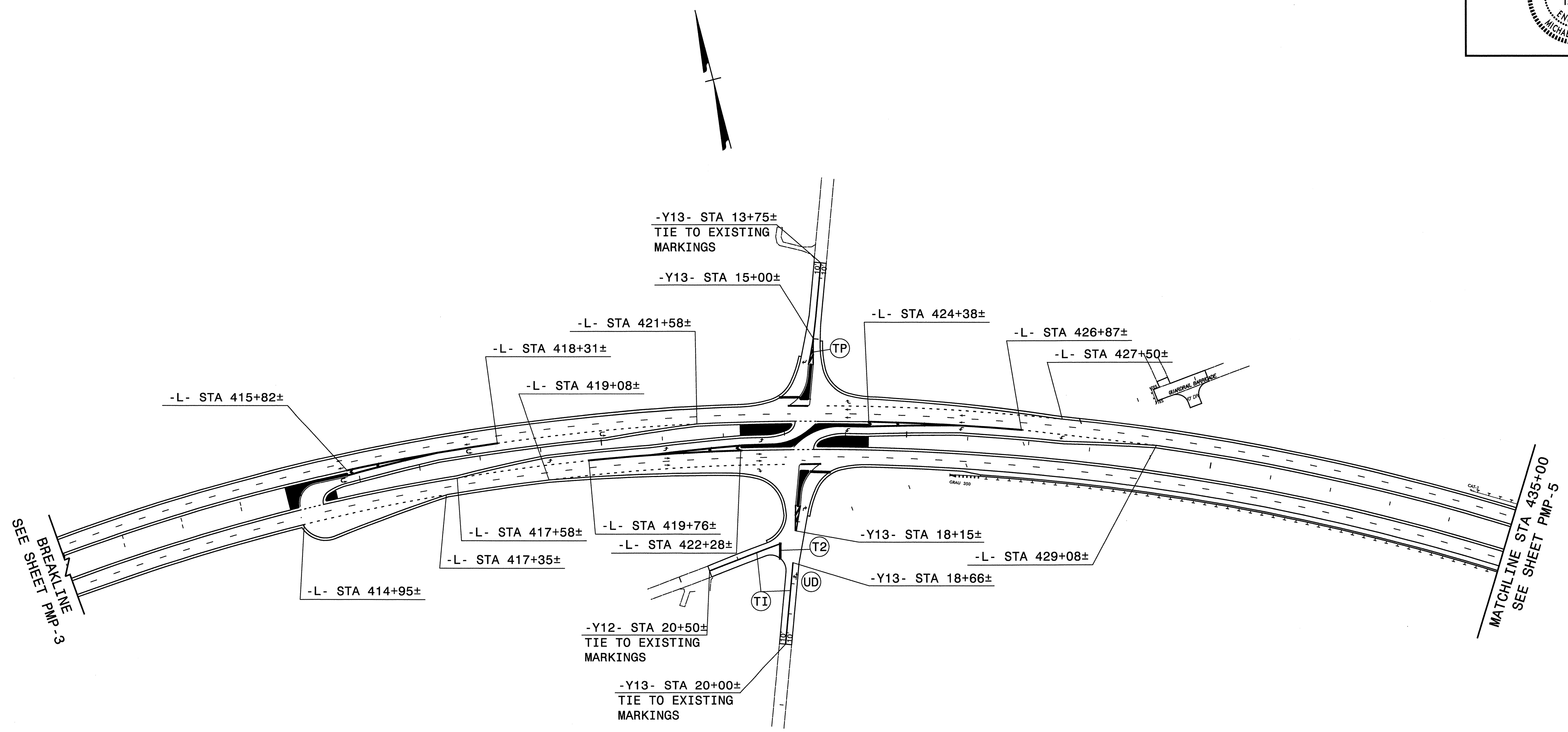
**NOTE: SEE SHEET PMP-2 FOR MORE
 INFORMATION ON INTERSECTION
 PAVEMENT MARKING LAYOUT**

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PAVEMENT MARKING DETAIL

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TIP NO. R - 2303B	SHEET NO. PMP - 4
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	
	

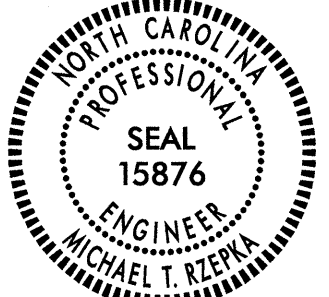


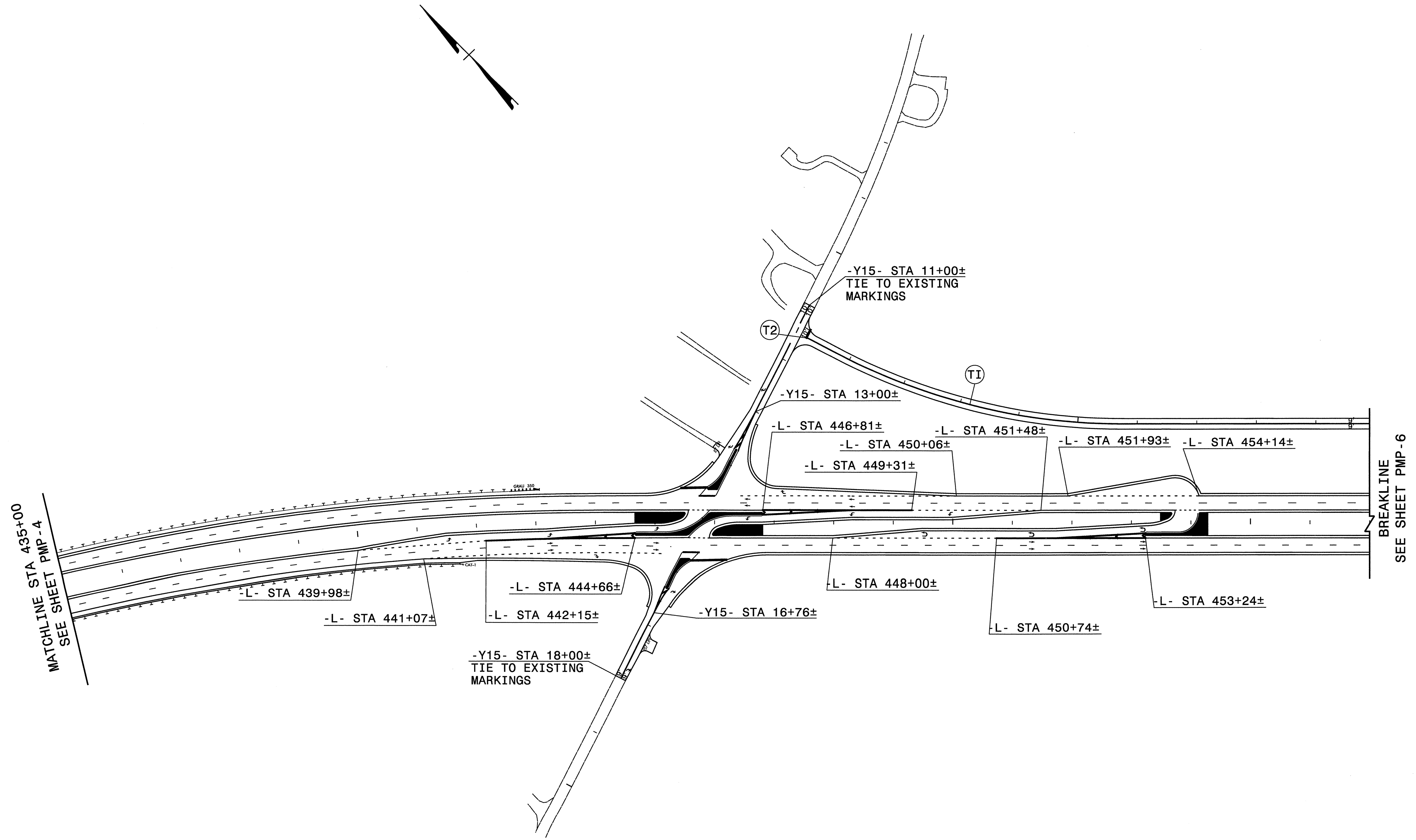
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

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PAVEMENT MARKING DETAIL

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APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	
	



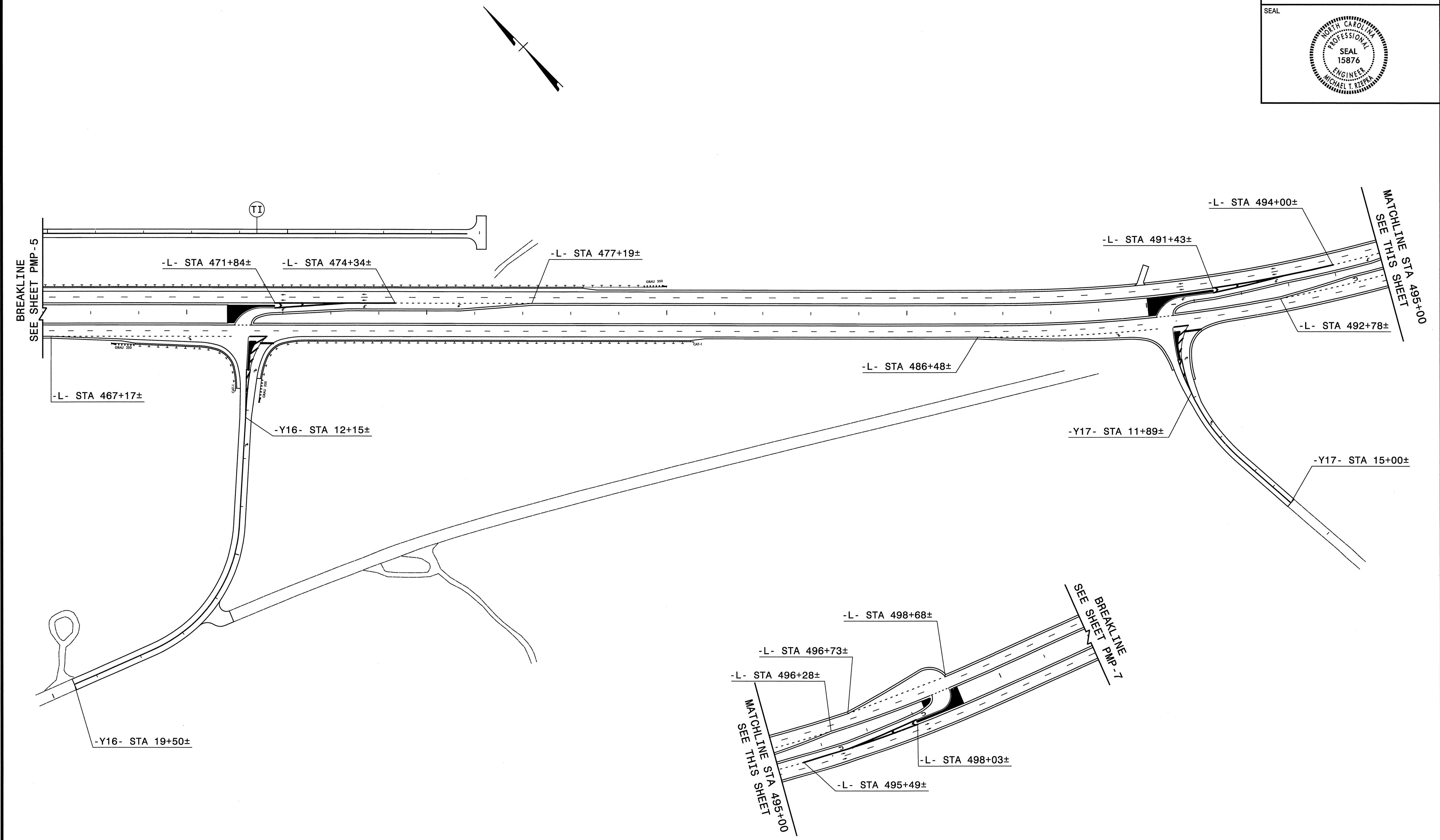
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

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APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
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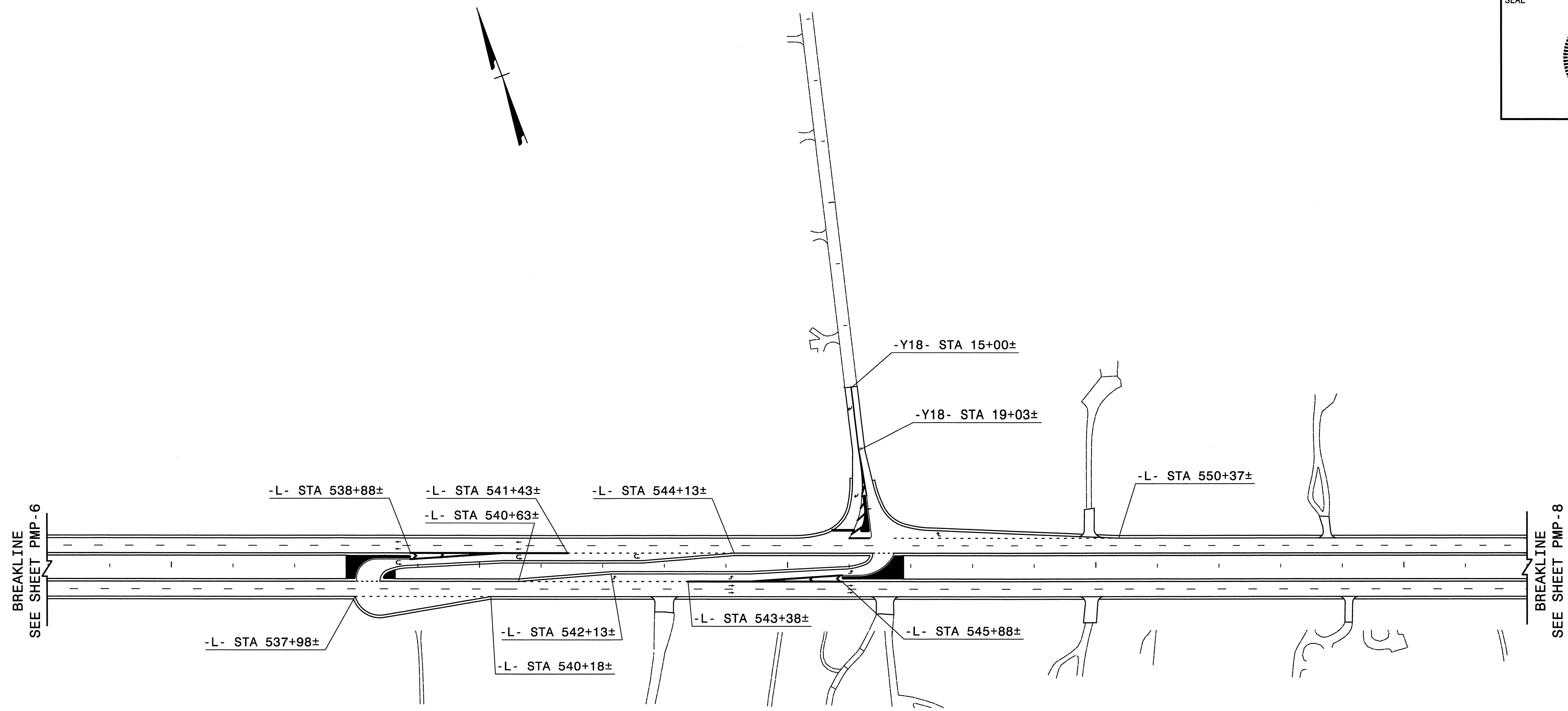
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL

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TIP NO. R-2303B	SHEET NO. PMP-7
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	



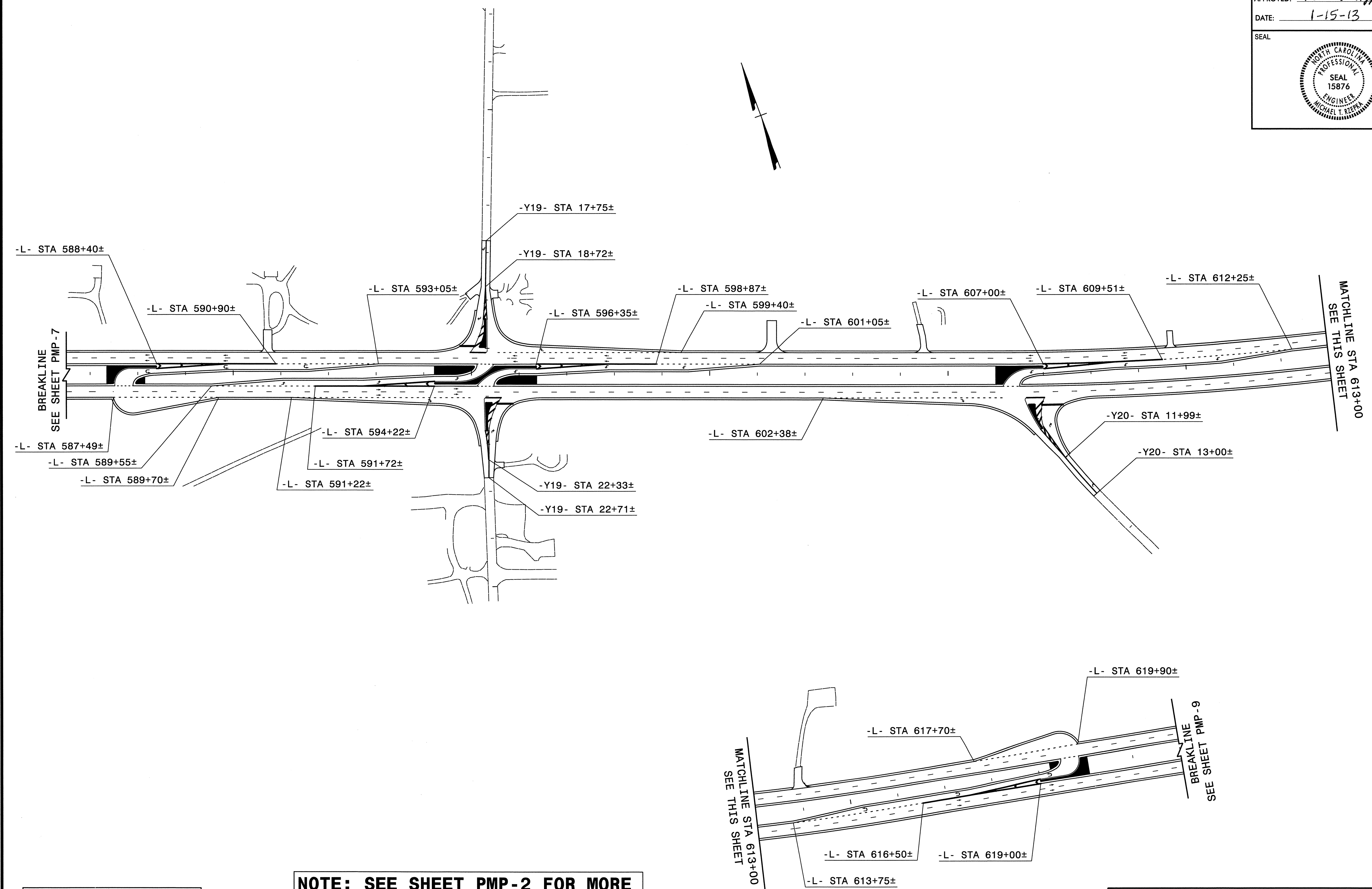
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NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL

TIP NO. R - 2303B	SHEET NO. PMP - 8
APPROVED: <i>Michael T. Ryznar</i>	
DATE: 1-15-13	
SEAL	




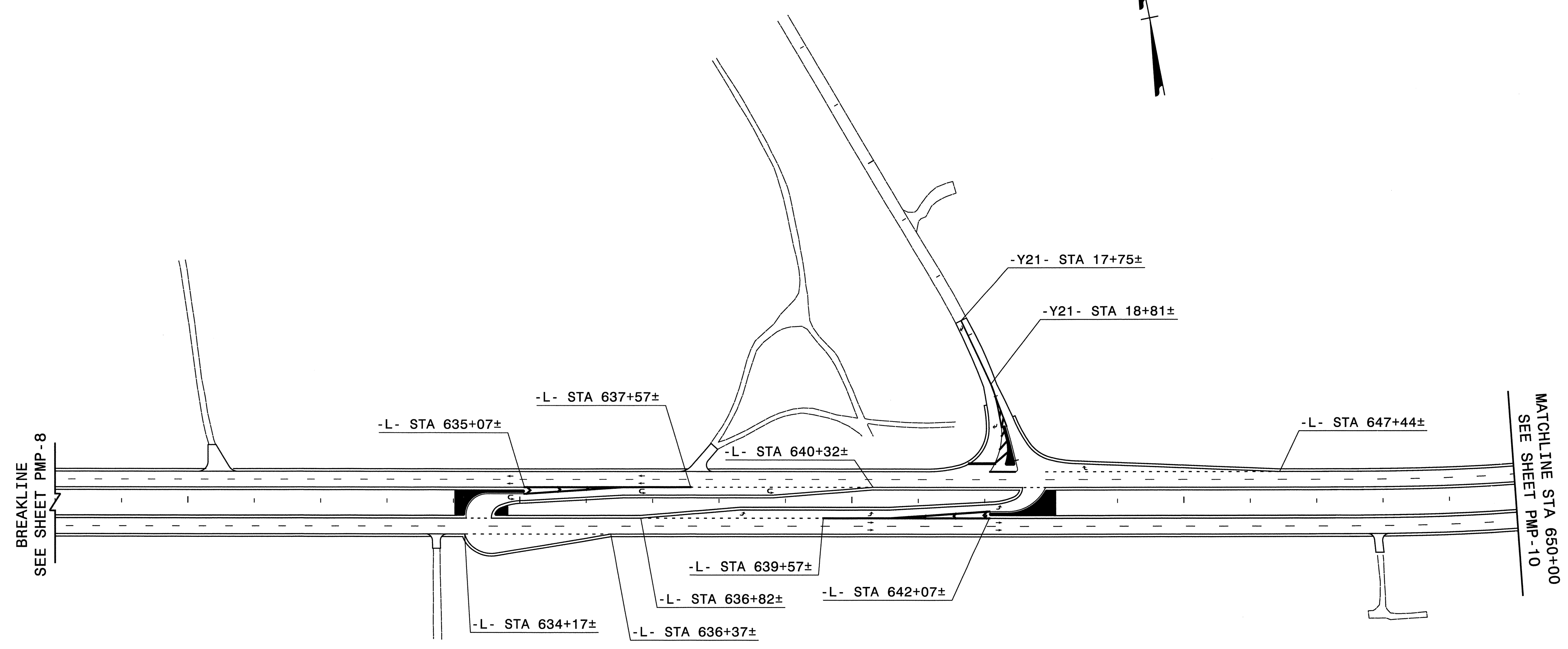
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL

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TIP NO. R - 2303B	SHEET NO. PMP - 9
APPROVED: <i>Michael T. Ryznar</i>	
DATE: 1-15-13	
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BREAKLINE
SEE SHEET PMP - 8

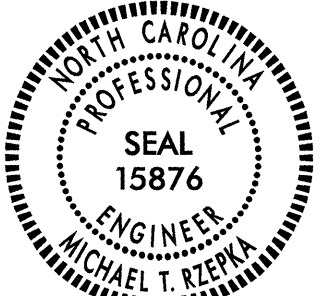
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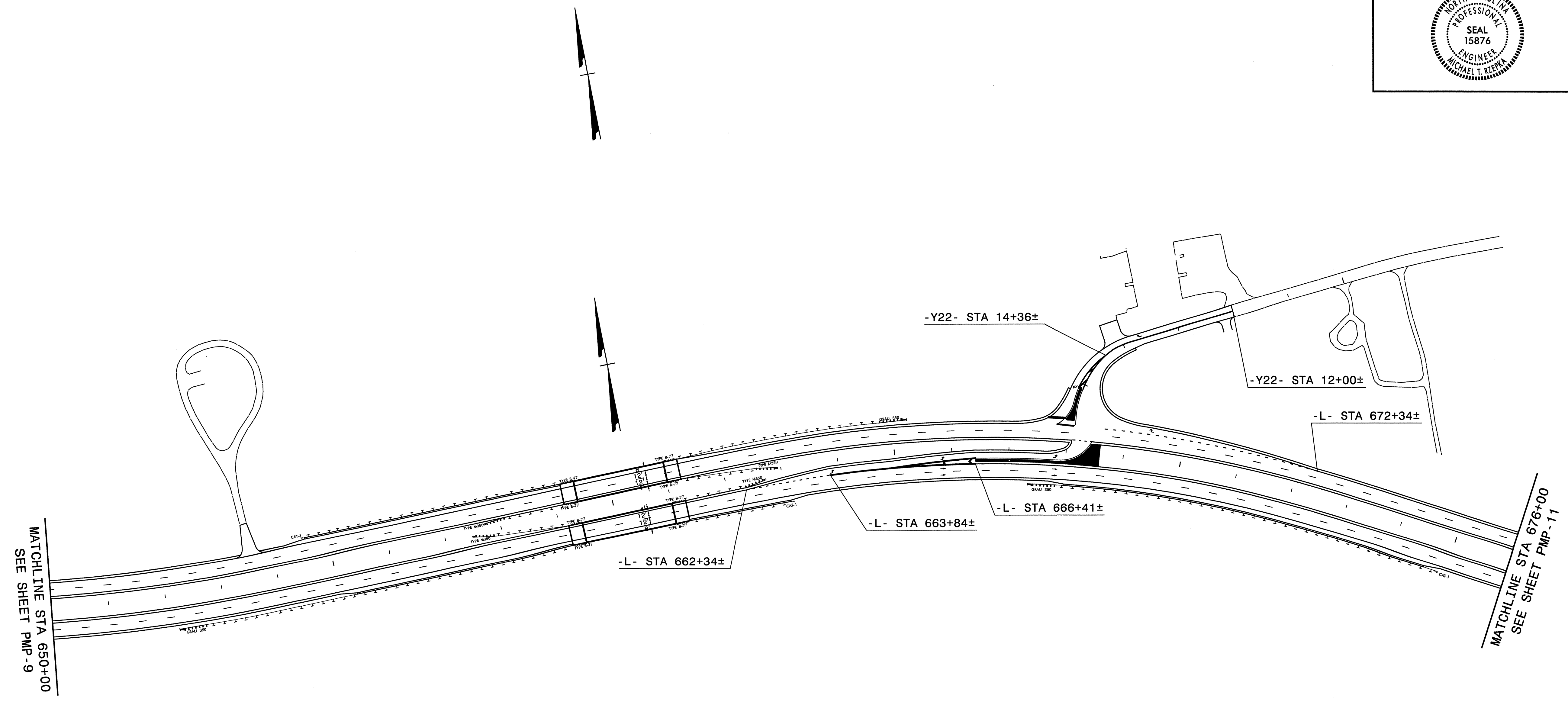
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NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL

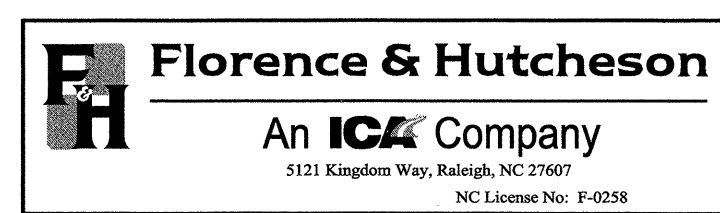
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APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	
	




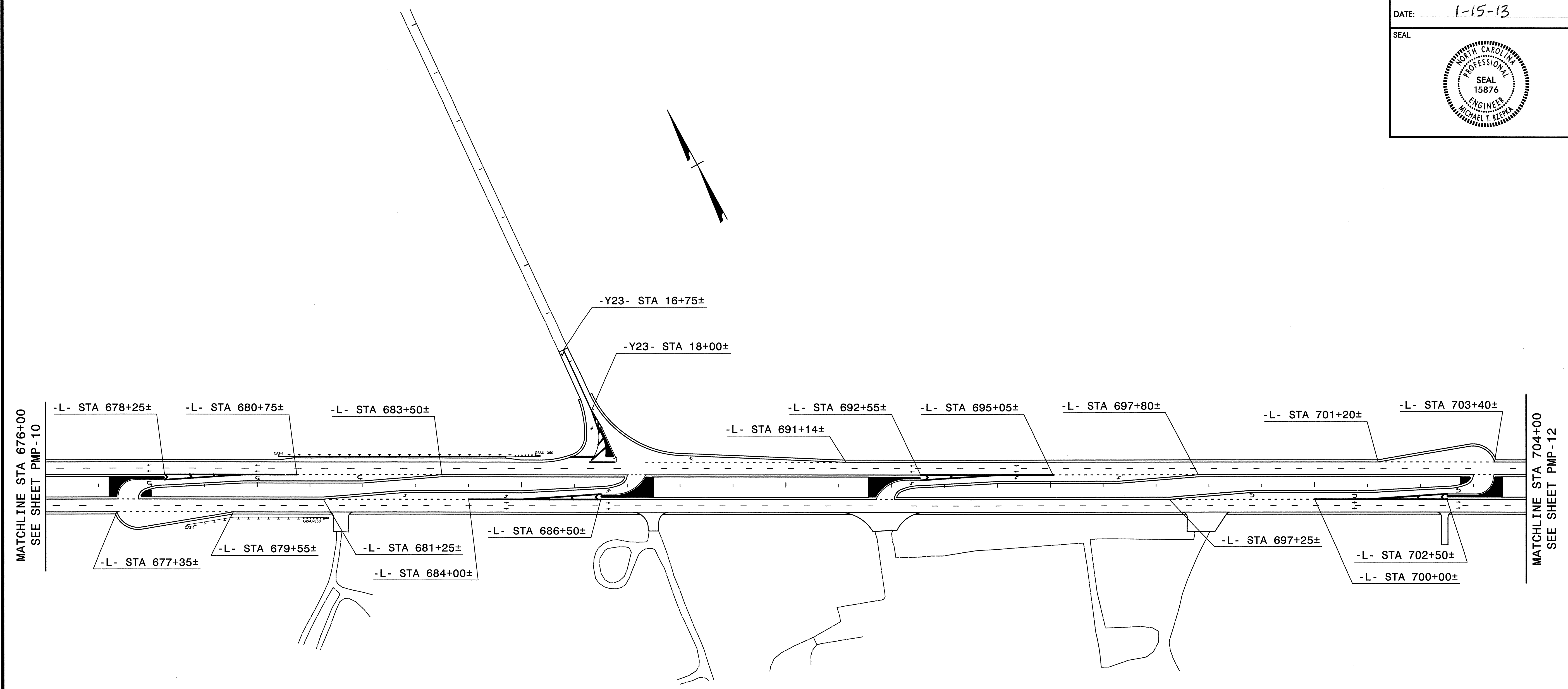
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL



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TIP NO. R-2303B	SHEET NO. PMP-11
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	
	




MATCHLINE STA 676+00
SEE SHEET PMP-10

MATCHLINE STA 704+00
SEE SHEET PMP-12

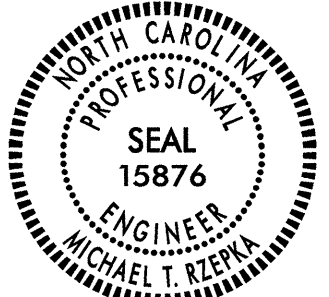
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 -L- STA 684+00± -L- STA 700+00±

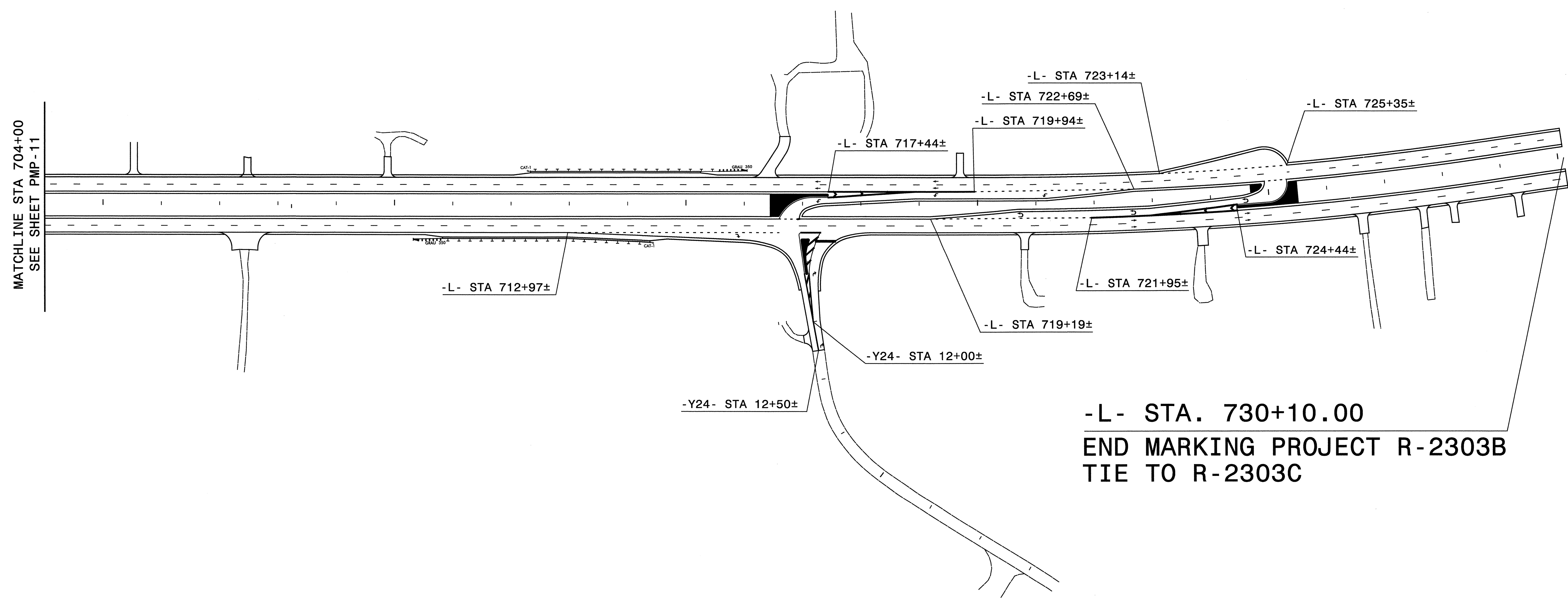
NOTE: SEE SHEET PMP-2 FOR MORE INFORMATION ON INTERSECTION PAVEMENT MARKING LAYOUT

PAVEMENT MARKING DETAIL


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TIP NO. R-2303B	SHEET NO. PMP-12
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 1-15-13	
SEAL	
	



-L- STA. 730+10.00
 END MARKING PROJECT R-2303B
 TIE TO R-2303C

**NOTE: SEE SHEET PMP-2 FOR MORE
 INFORMATION ON INTERSECTION
 PAVEMENT MARKING LAYOUT**

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