

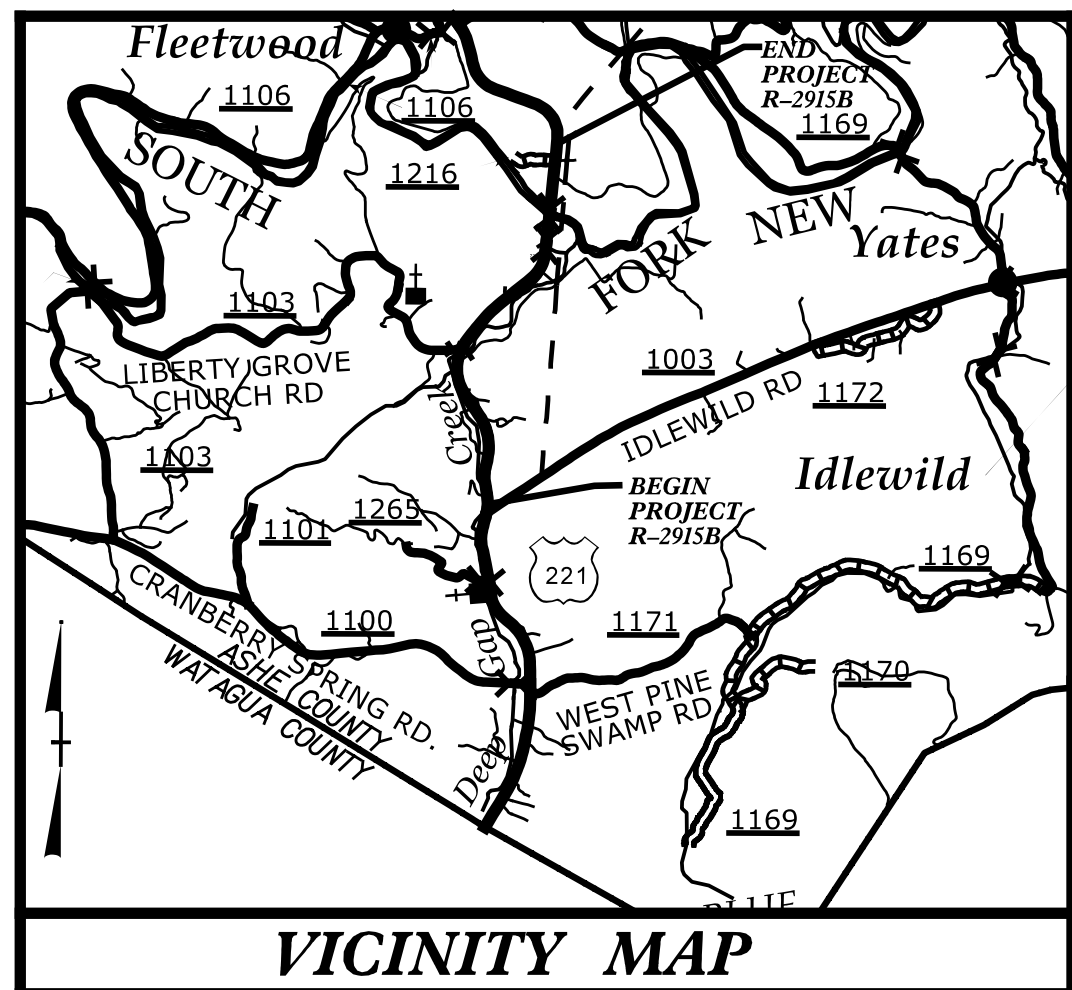
**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

TIP NO. R-2915B	SHEET NO. PMP-1
APPROVED: <i>Joseph Kopaskie</i> 5/27/2015	
SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029669 JOSEPH B. KOPASKIE	

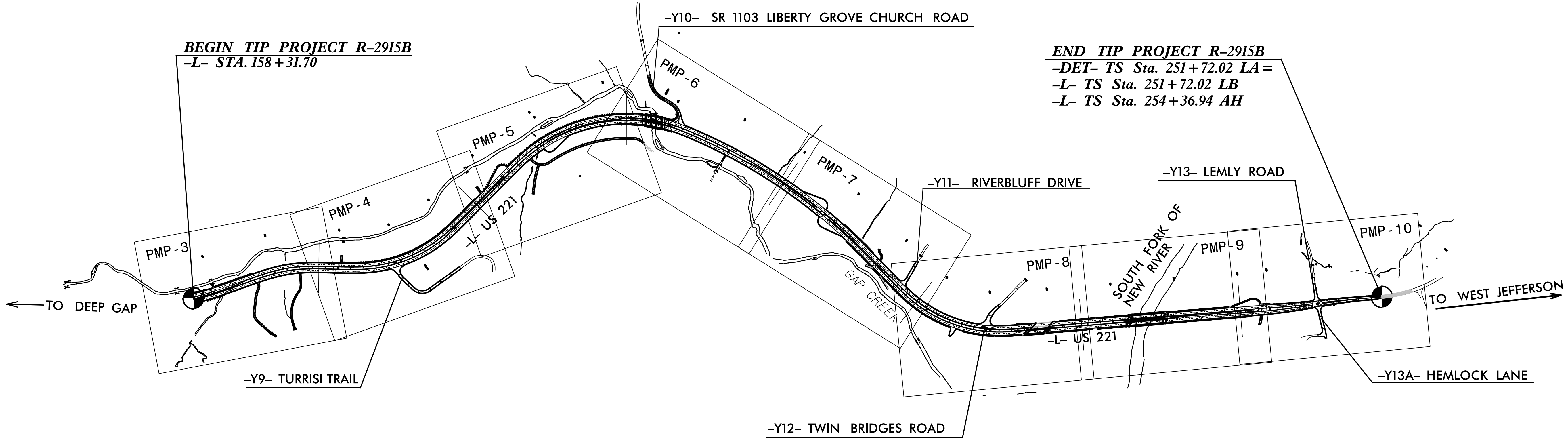
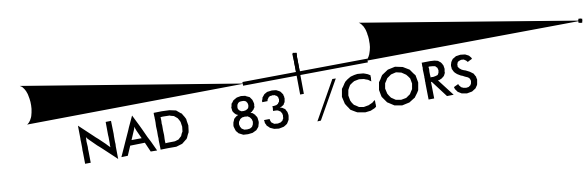
T.I.P.: R-2915B



**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
ASHE COUNTY**

LOCATION: US 221 FROM SR 1003 (IDLEWILD RD) TO NORTH OF SOUTH FORK NEW RIVER



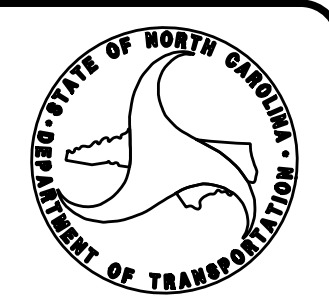
BEGIN TIP PROJECT R-2915B
-L- STA. 158+31.70

END TIP PROJECT R-2915B
-DET- TS Sta. 251+72.02 LA=
-L- TS Sta. 251+72.02 LB
-L- TS Sta. 254+36.94 AH

CONTRACT:

SEPI ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

PLAN PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT	
<u>KELVIN L. JORDAN</u>	SIGNING & DELINEATION REGIONAL ENGINEER
<u>DERRICK H. BEARD</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN

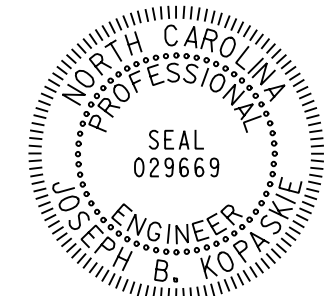


PLAN PREPARED BY: SEPI ENGINEERING & CONSTRUCTION	
<u>JOSEPH B. KOPASKIE, PE</u>	SIGNING & DELINEATION PROJECT ENGINEER
<u>RICHARD DRAYTON</u>	SIGNING & DELINEATION PROJECT DESIGN ENGINEER

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND INDEX SHEET
PMP-2	PAVEMENT MARKING SCHEDULE, GENERAL NOTES AND ROADWAY STANDARD DRAWING SCHEDULE SHEET
PMP-3 THRU PMP-10	PAVEMENT MARKING DETAIL

TIP NO. R-2915B	SHEET NO. PMP-2
APPROVED: <u>Joseph Koparkie</u> <small>Professional Engineer</small>	
DATE: 5/27/2015	
SEAL	



PAVEMENT MARKING SCHEDULE

<u>SYMBOL</u>	<u>DESCRIPTION</u>	
		<u>THERMOPLASTIC (12", 90 MILS)</u>
TU TV	WHITE DIAGONAL YELLOW DIAGONAL	
		<u>THERMOPLASTIC (24", 120 MILS)</u>
T2	WHITE STOPBAR	
		<u>POLYUREA (4") WITH HIGHLY REFLECTIVE ELEMENTS</u>
V8 V9 VA VB VC VD VI	2 FT. - 6 FT./SP WHITE MINISKIP 2 FT. - 6 FT./SP YELLOW MINISKIP WHITE EDGELINE YELLOW EDGELINE 10 FT. WHITE SKIP 3 FT. - 9 FT./SP WHITE MINISKIP YELLOW DOUBLE CENTER	
		<u>POLYUREA (8") WITH HIGHLY REFLECTIVE ELEMENTS</u>
VN	WHITE GORELINE	
		<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
UA UB UP UT	LEFT TURN ARROW RIGHT TURN ARROW MERGE ARROW U-TURN ARROW	
		<u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u>
ME MF	◆ YELLOW & YELLOW ■ CRYSTAL & RED	
		<u>FLEXIBLE DELINEATORS</u>
▲ ●	YELLOW CRYSTAL	

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 |
|---------------|--|---------------------|
| US HWY 221 | POLYUREA WITH HIGHLY REFLECTIVE ELEMENTS | SNOWPLOWABLE RAISED |
| ALL -Y- LINES | POLYUREA WITH HIGHLY REFLECTIVE ELEMENTS | SNOWPLOWABLE 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) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA 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.

ROADWAY STANDARD DRAWING


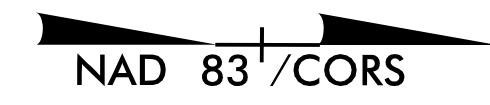
THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.04	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
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
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
1267.01	FLEXIBLE DELINEATORS - INSTALLATION

**PAVEMENT MARKING SCHEULE
GENERAL NOTES AND ROADWAY
STANDARD DRAWING SCHEDULE**

5/13/2015 9:11 Transportation\TRIS\017.00 NCDOT 2012 Traffic LSA\TRIS\017.07 (R-2915B Signing & PMP)\Pavement Marking\PM-2.dgn

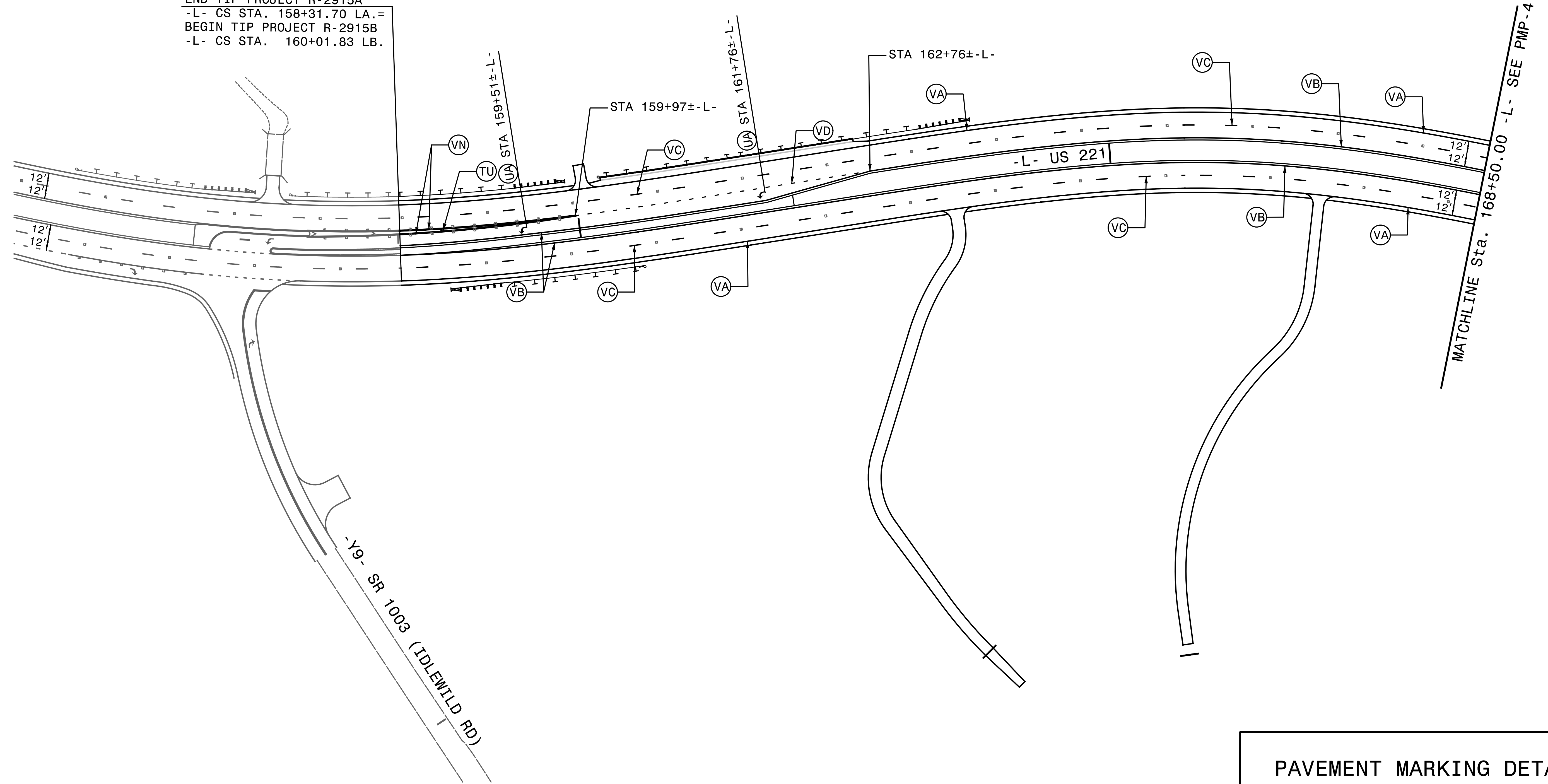
TIP NO. R-2915B	SHEET NO. PMP-3
APPROVED: <i>Joseph Kopaskie</i> <small>SC08EAEF80A54FA</small>	
DATE: 5/27/2015	
SEAL	

165

160

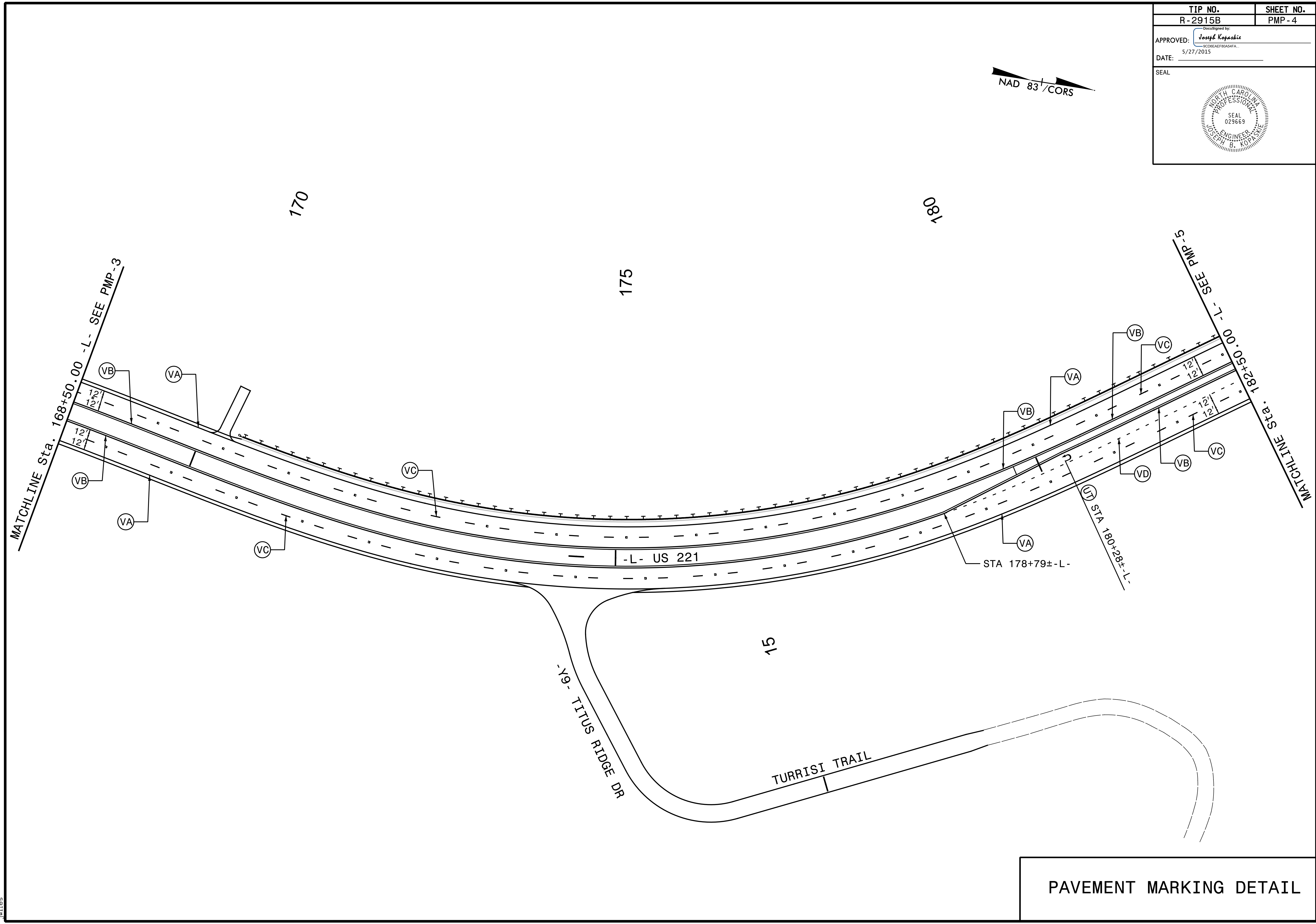
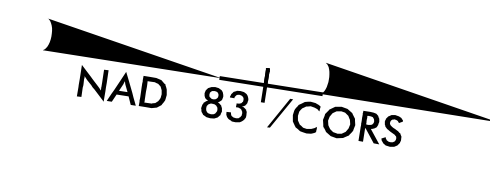
END TIP PROJECT R-2915A
 -L- CS STA. 158+31.70 LA. =
 BEGIN TIP PROJECT R-2915B
 -L- CS STA. 160+01.83 LB.



5/13/2015
 G:\Transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B) Signing & PMP\Pavement Marking\PM-3.dgn
 Miles

PAVEMENT MARKING DETAIL

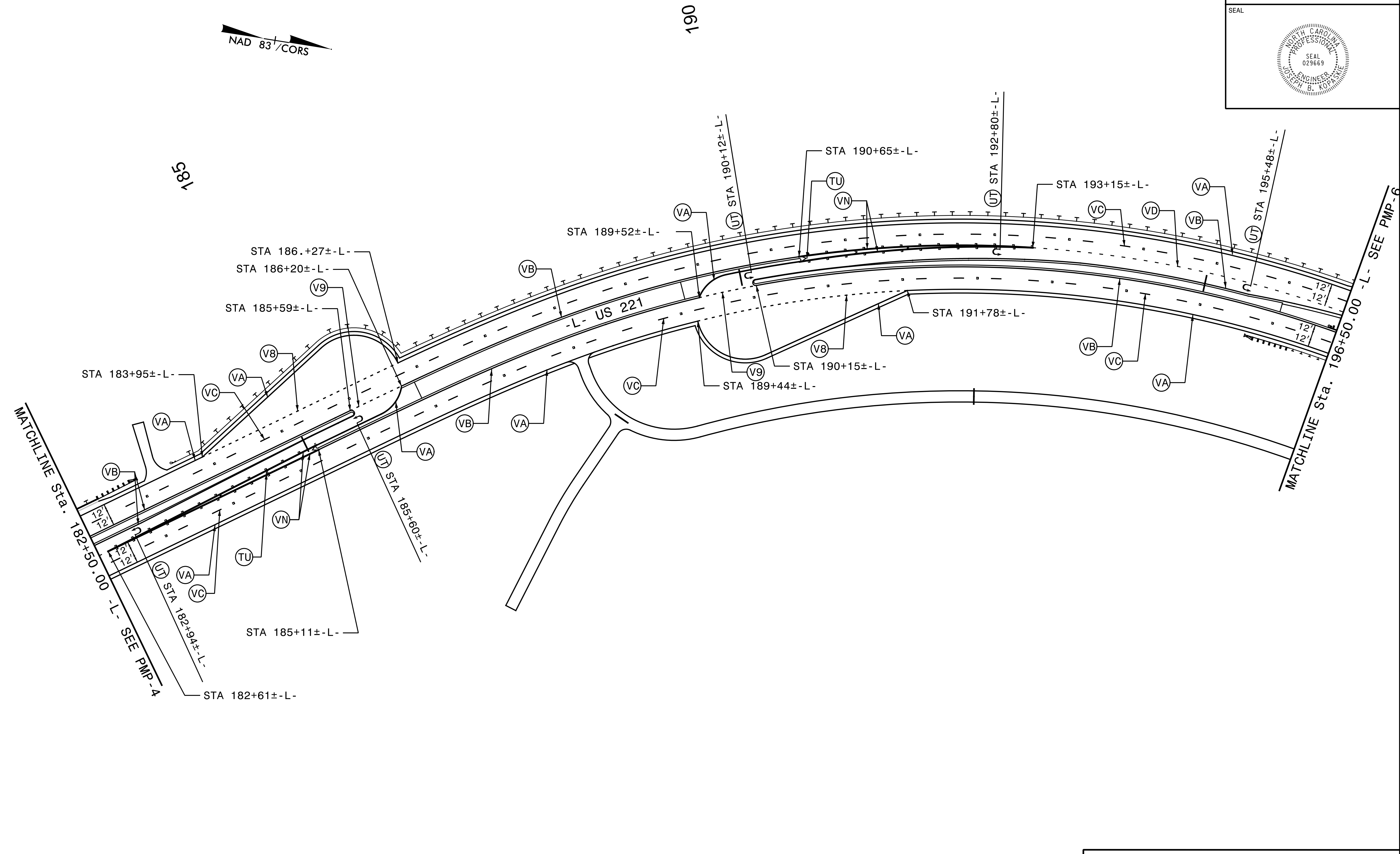
TIP NO. R-2915B	SHEET NO. PMP-4
APPROVED: <i>Joseph Kopaskie</i> <small>SC08EAEF80A54FA</small>	
DATE: 5/27/2015	
SEAL	



5/13/2015
 G:\Transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B) Signing & PMP\Pavement Marking\PM-4.dgn
 Miles

PAVEMENT MARKING DETAIL


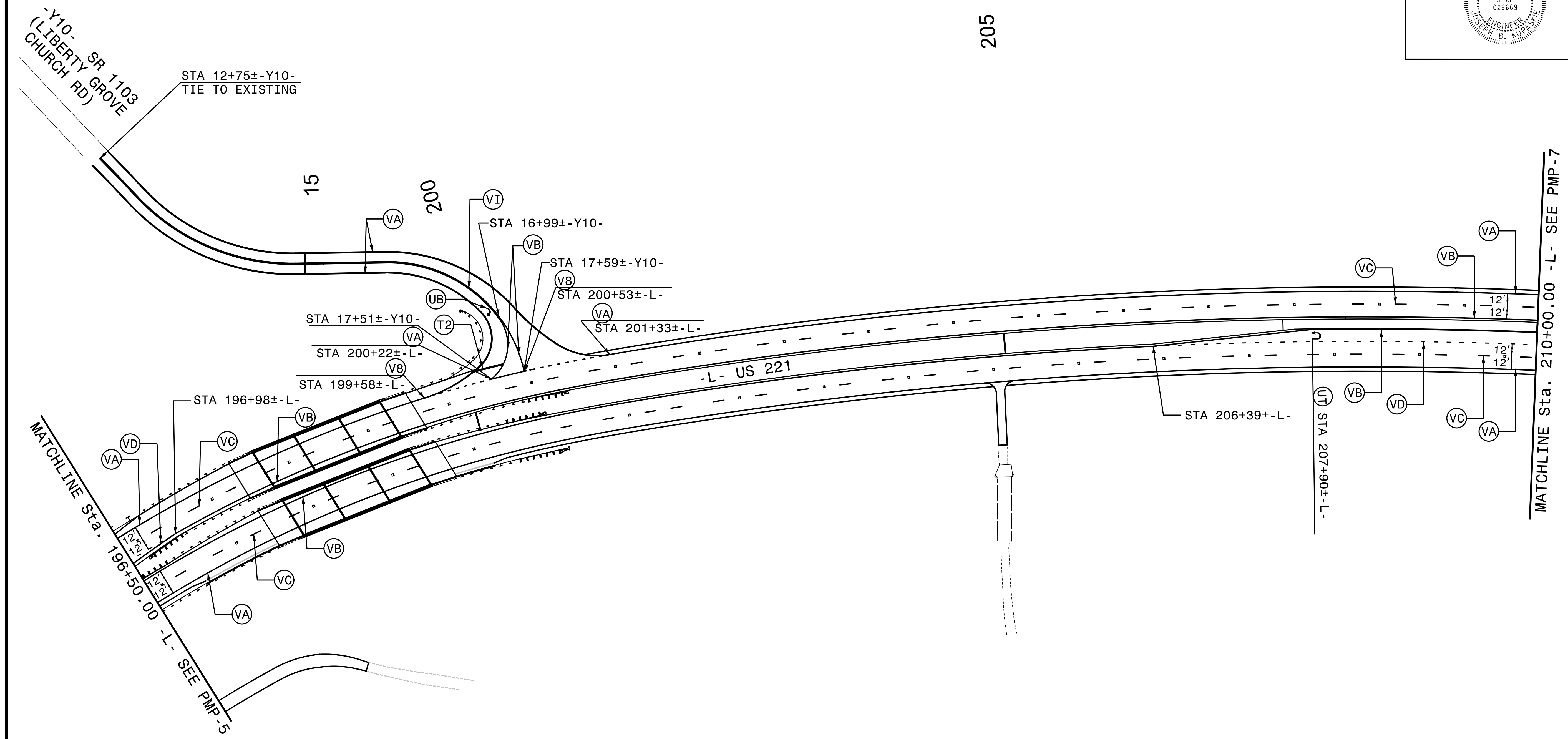
TIP NO. R-2915B	SHEET NO. PMP-5
APPROVED: <i>Joseph Kopaskie</i>	
DATE: 5/27/2015	
SEAL	



5/13/2015
 G:\Transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B) Signing & PMP\Pavement Marking\PM-5.dgn
 Miles

PAVEMENT MARKING DETAIL


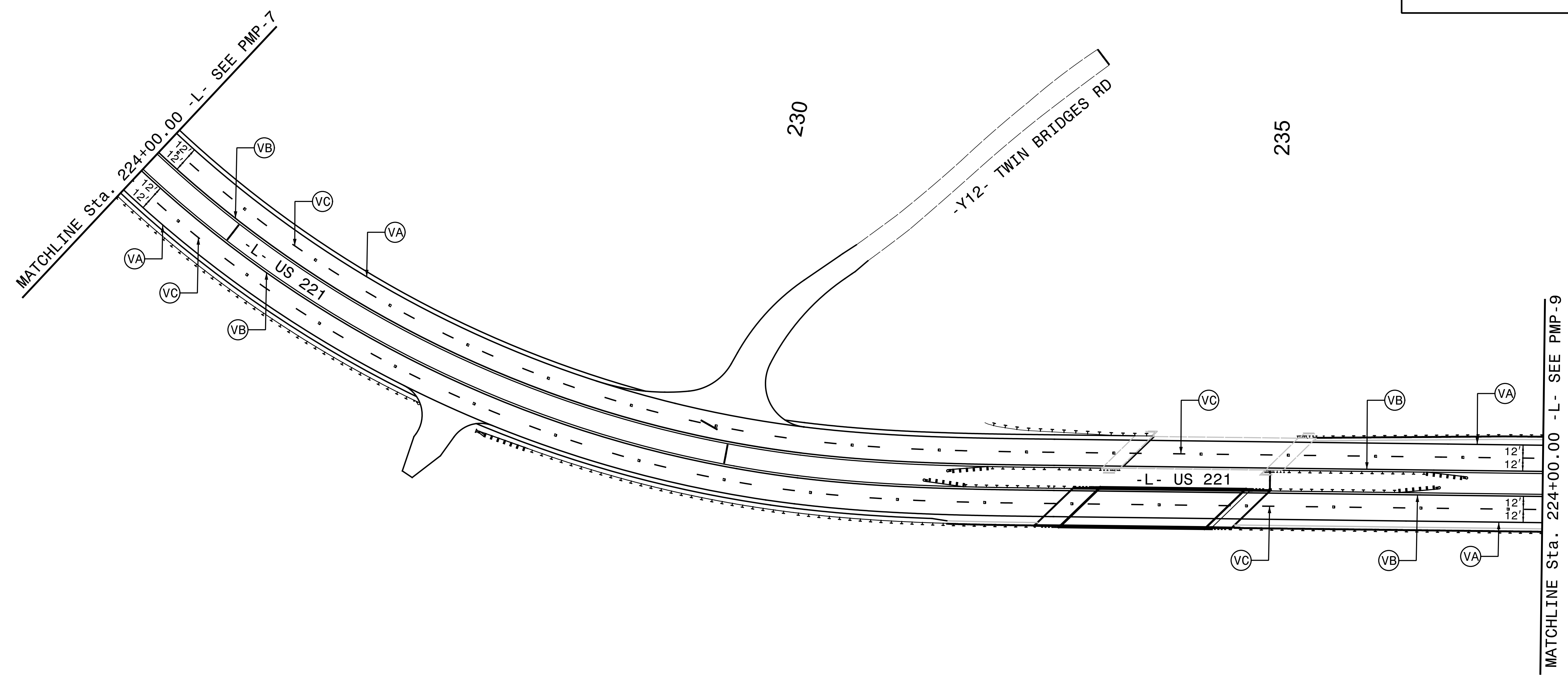
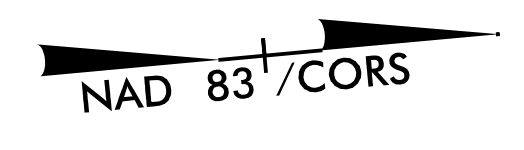
TIP NO. R-2915B	SHEET NO. PMP-6
APPROVED: <i>Joseph Kopaskie</i> <small>SC00EAEF80A54FA</small>	
DATE: 5/27/2015	
SEAL	

5/13/2015
 G:\Transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B Signing & PMP)\Pavement Marking\PM-6.dgn
 Miles

PAVEMENT MARKING DETAIL

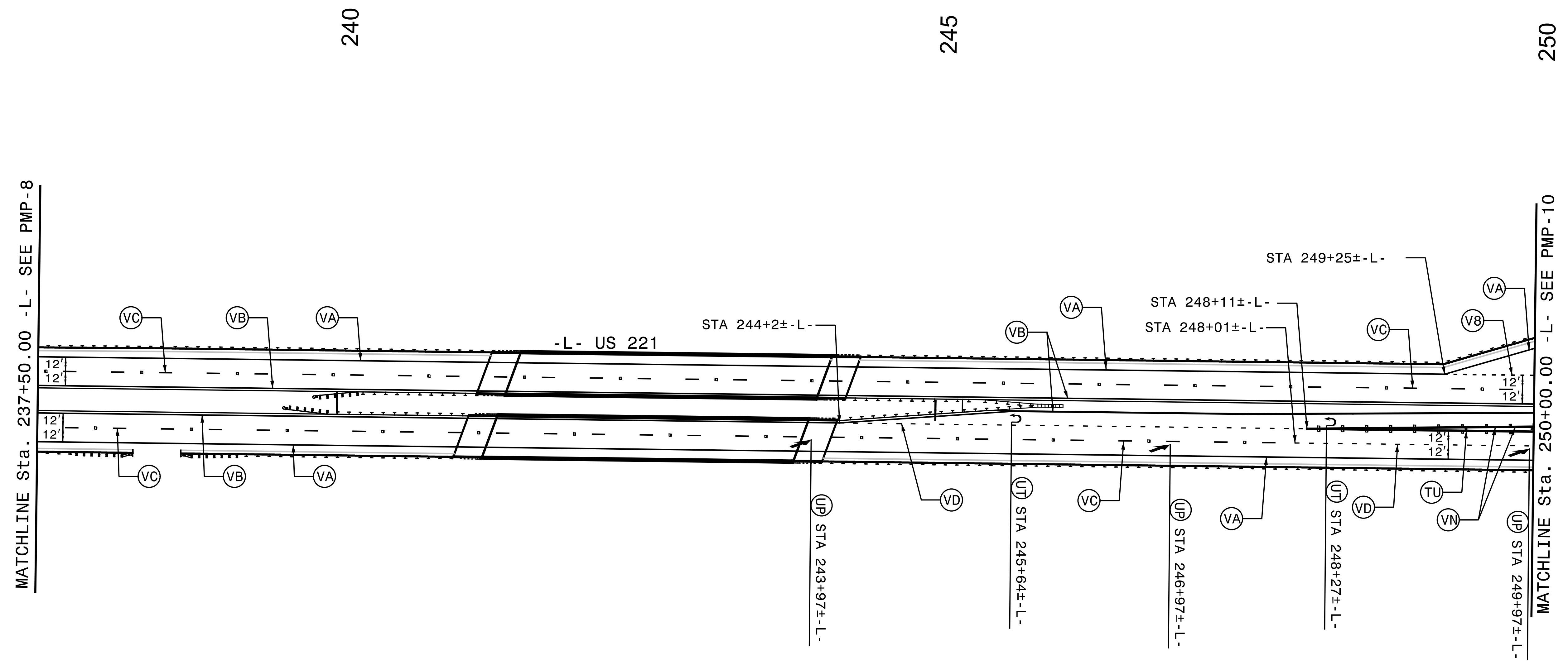
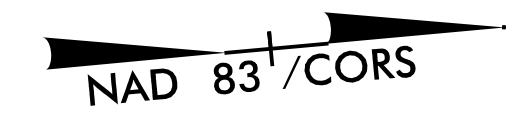
TIP NO. R-2915B	SHEET NO. PMP-8
APPROVED: <i>Joseph Kopaskie</i> <small>SC00EAEAF80AS4FA</small>	
DATE: 5/27/2015	
SEAL	

5/13/2015
 G:\Transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B) Signing & PMP\Pavement Marking\PM-8.dgn
 Miles

PAVEMENT MARKING DETAIL

TIP NO. R-2915B	SHEET NO. PMP-9
APPROVED: <i>Joseph Kopaschie</i> <small>SCDMEAEF80AS4FA</small>	
DATE: 5/27/2015	
SEAL	



5/13/2015
 C:\transportation\TR13.017.00 NCDOT 2012 Traffic LSA\TR13.017.07 (R-2915B) Signing & PMP\ Pavement Marking\PM-9.dgn
 miles

PAVEMENT MARKING DETAIL

