

CONTRACT: 38391.1.1
T.I.P.: B-4497

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
DAVIDSON COUNTY

TIP NO. B-4497	SHEET NO. PMP-1
APPROVED:	
DATE: 8/14/12	

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 - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
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
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
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1267.01	FLEXIBLE DELINEATORS - INSTALLATION
1267.02	FLEXIBLE DELINEATORS - SPACING TABLES
1267.03	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

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	POLYUREA WITH HIGHLY REFLECTIVE ELEMENTS	SNOWPLOWABLE
 - 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) REMOVE ALL RESIDUE AND SURFACE LANTANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
 - F) USE FLEXIBLE DELINEATORS ON LEFT SIDE OF LOOPS AND RIGHT SIDE OF RAMP IN LOCATIONS WHERE THERE IS NO GUARDRAIL OR OTHER DELINEATION.

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC(24", 120 MILS)	
T2	WHITE STOPBAR
POLYUREA(4")	
VA	WHITE EDGELINE
VB	YELLOW EDGELINE
VC	10 FT. WHITE SKIP
VD	3 FT. - 9 FT./SP WHITE MINISKIP
VE	WHITE SOLID LANE LINE
VH	YELLOW SINGLE CENTER
VI	YELLOW DOUBLE CENTER
POLYUREA(8")	
VN	WHITE GORELINE
VR	WHITE SOLID LANE LINE
V13	3 FT. - 9 FT./SP WHITE MINISKIP
THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	
UI	ALPHANUMERIC CHAR.
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UP	MERGE ARROW
MARKERS	
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
ME	YELLOW & YELLOW
MF	CRYSTAL & RED

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET AND PAVEMENT MARKING SCHEDULE
PMP-2-6	PAVEMENT MARKING DETAILS

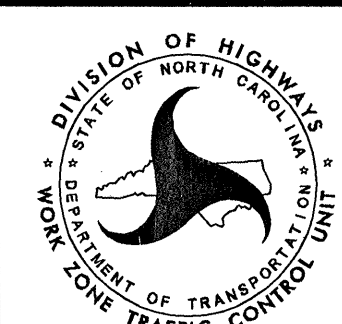
PLAN PREPARED BY: Ramey Kemp & Associates

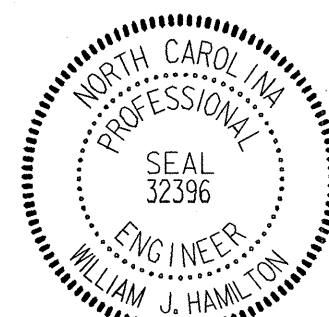
W. JASON HAMILTON PROJECT MANAGER
NICHOLAS E. BURNS PROJECT ENGINEER

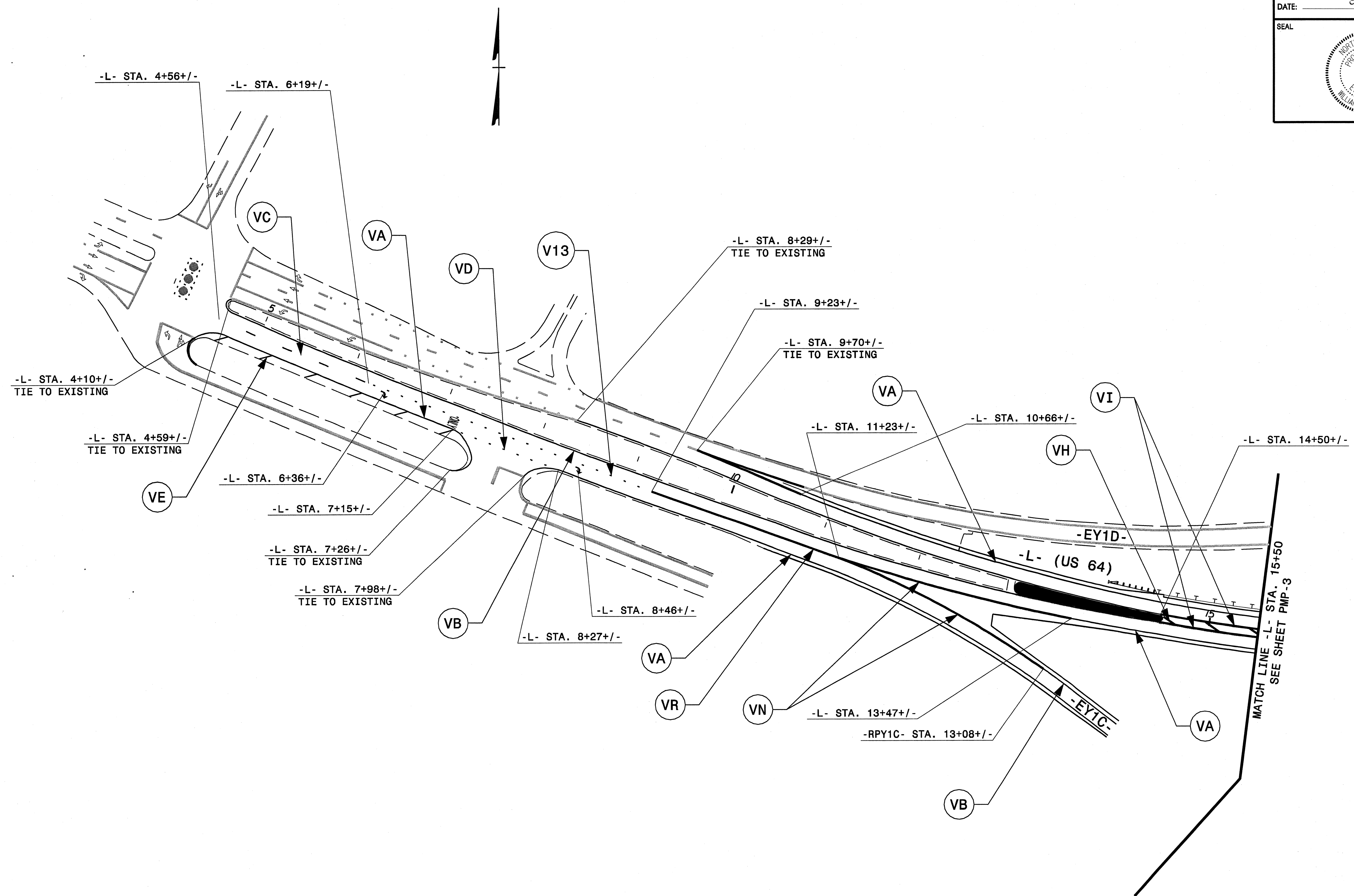


PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

CHRIS HOWARD SIGNING & DELINEATION STANDARDS ENGINEER
MARK MANRIQUEZ SIGNING & DELINEATION PROJECT DESIGN ENGINEER




TIP NO. B-4497	SHEET NO. PMP-2
APPROVED: <i>[Signature]</i>	DATE: 9/21/12
SEAL	
	

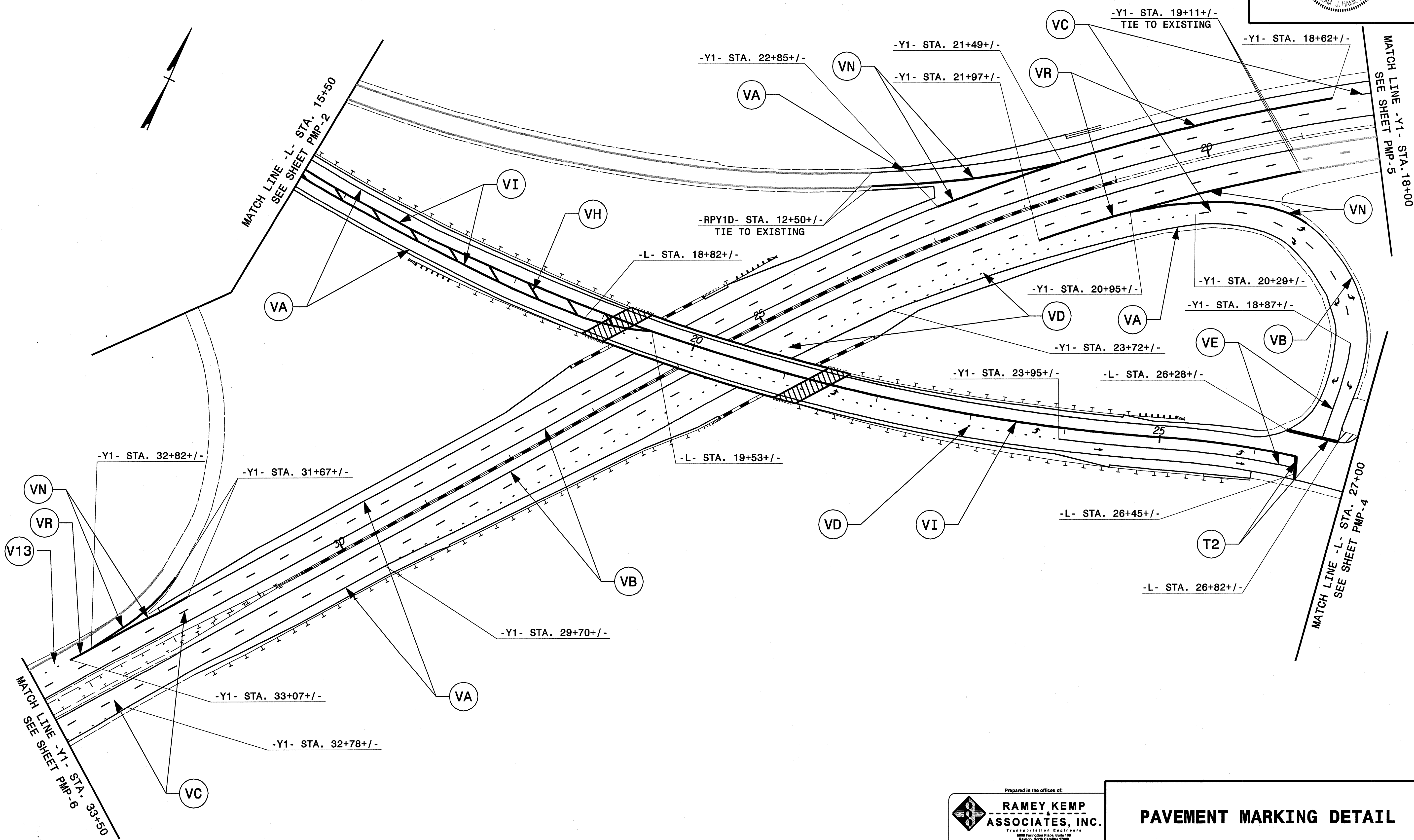


Prepared in the offices of:

RAMEY KEMP ASSOCIATES, INC.
 Transportation Engineers
 6808 Farrington Place, Suite 100
 Raleigh, North Carolina 27605
 919-872-6110 Tel. 919-878-5418 Fax.
 www.rkmp.com


PAVEMENT MARKING DETAIL

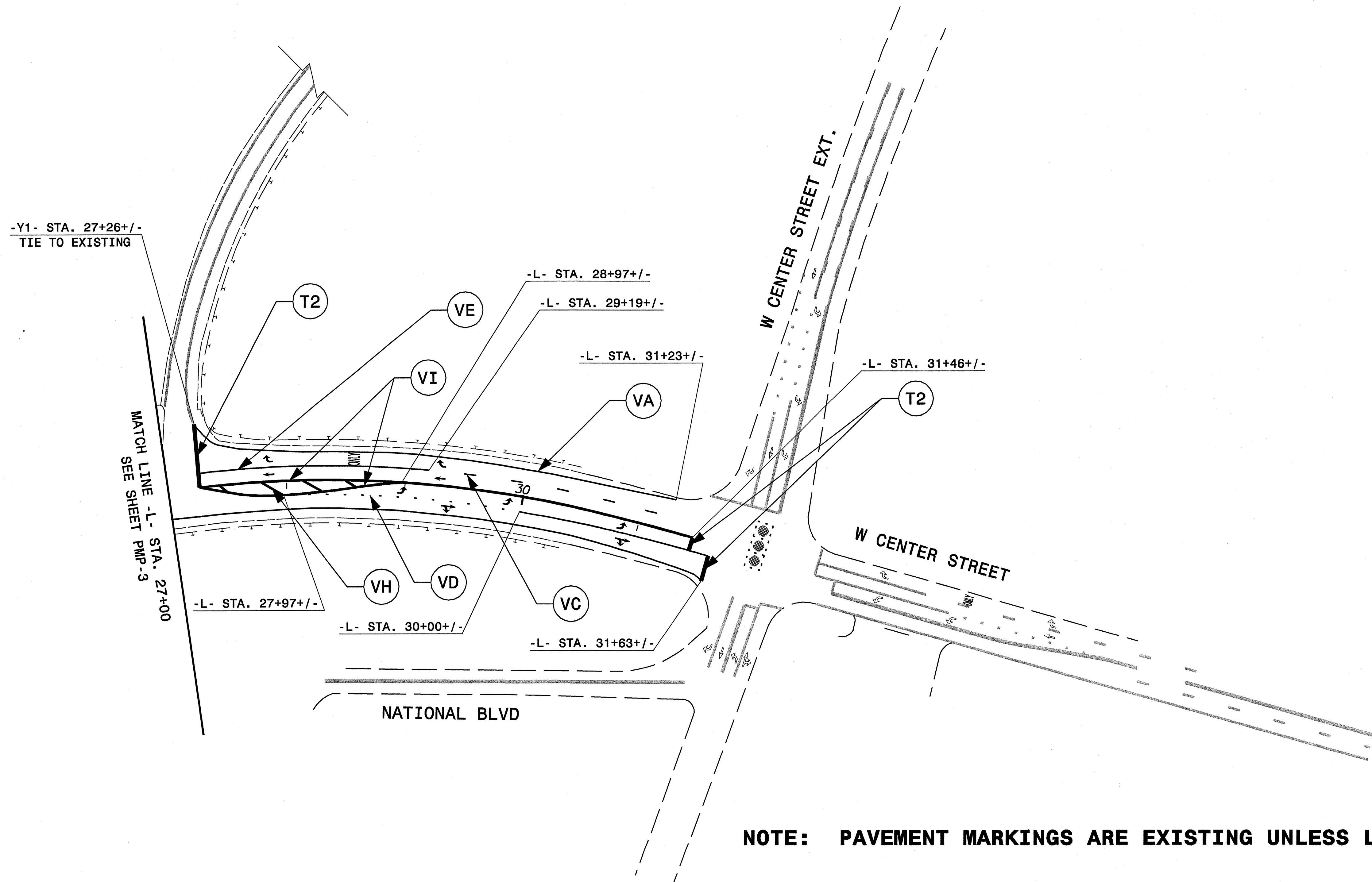
TIP NO. B-4497	SHEET NO. PMP-3
APPROVED: <i>[Signature]</i>	
DATE: 8/21/12	
SEAL	
	



Prepared in the offices of:
RAMEY KEMP & ASSOCIATES, INC.
 TRANSPORTATION ENGINEERS
 6008 Furlong Plaza, Suite 100
 Raleigh, North Carolina 27609
 919-872-6115 Tel. 919-876-6118 Fax
 www.rameykemp.com

PAVEMENT MARKING DETAIL

TIP NO. B - 4497	SHEET NO. PMP - 4
APPROVED: <i>[Signature]</i>	
DATE: 8/2/12	
SEAL	
	




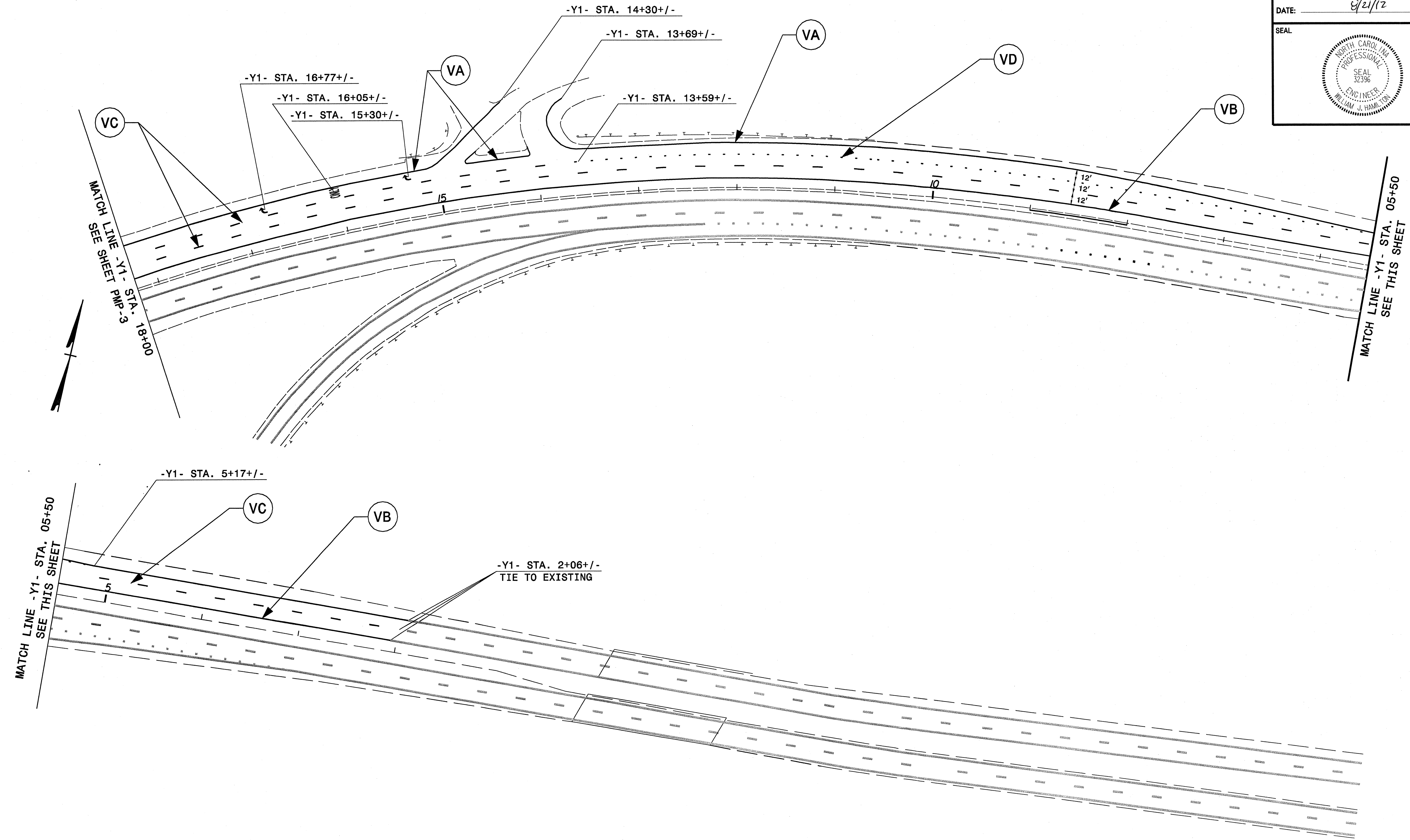
NOTE: PAVEMENT MARKINGS ARE EXISTING UNLESS LABELED.

Prepared in the offices of:

RAMEY KEMP & ASSOCIATES, INC.
 Transportation Engineers
 8008 Farrington Place, Suite 100
 Raleigh, North Carolina 27609
 919-872-8116 Tel. 919-878-6418 Fax
 www.rameykemp.com

PAVEMENT MARKING DETAIL

TIP NO. B-4497	SHEET NO. PMP-5
APPROVED: <i>[Signature]</i>	
DATE: 8/21/12	
SEAL	



*ALL EASTBOUND PAVEMENT MARKINGS ARE TO REMAIN

Prepared in the offices of:

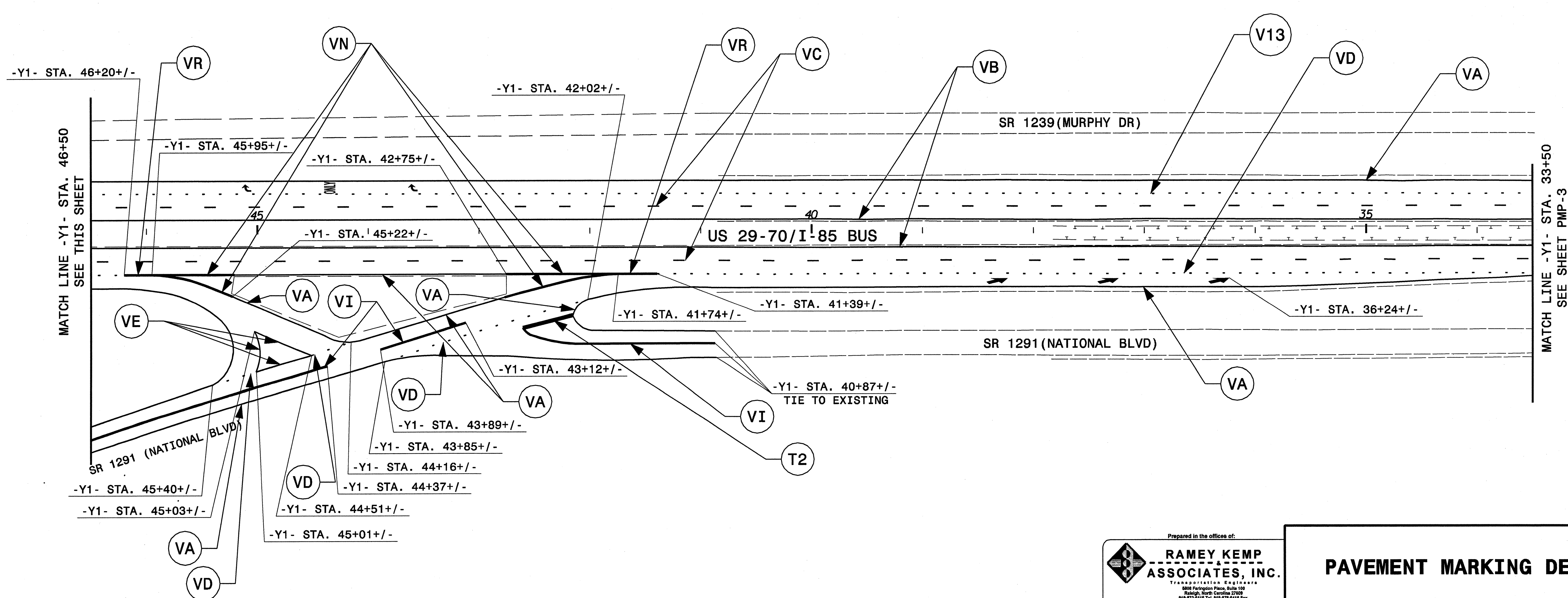
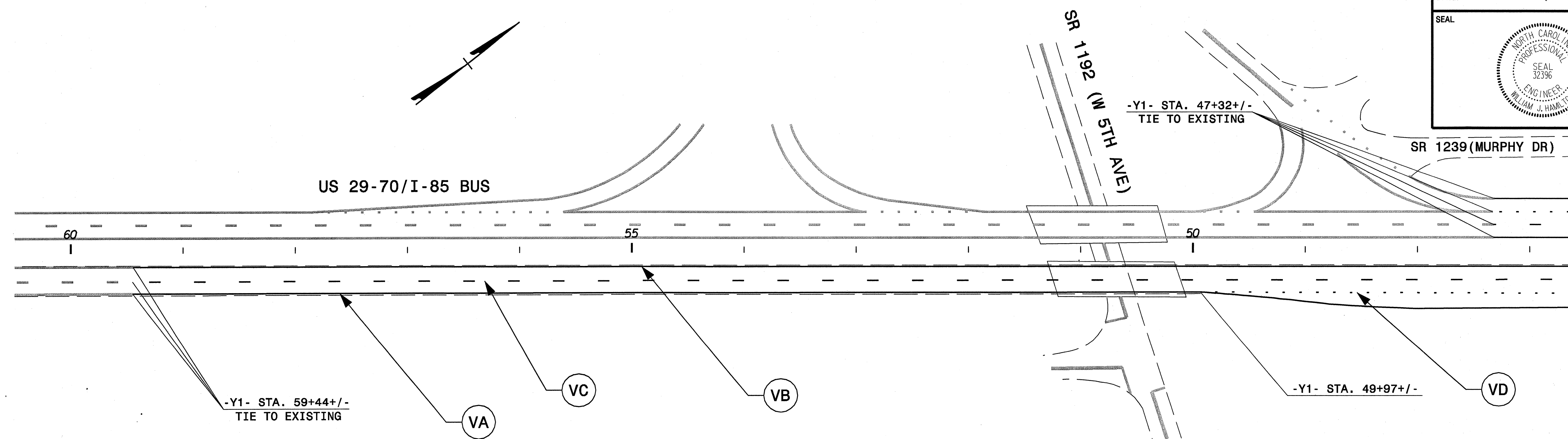
RAMEY KEMP & ASSOCIATES, INC.

INCORPORATED ENGINEERS

6008 Farrington Place, Suite 100
Raleigh, North Carolina 27609
919-872-6115 Tel. 919-878-5418 Fax
www.rameykemp.com

PAVEMENT MARKING DETAIL

TIP NO. B-4497	SHEET NO. PMP-6
APPROVED: <i>[Signature]</i>	
DATE: 2/2/12	
SEAL	



Prepared in the offices of:
RAMEY KEMP ASSOCIATES, INC.
 Transportation Engineers
 8808 Paragon Place, Suite 100
 Raleigh, North Carolina 27616
 919-872-6111 Tel. 919-878-6418 Fax
 www.rkemp.com

PAVEMENT MARKING DETAIL

MATCH LINE -Y1- STA. 46+50
SEE THIS SHEET

MATCH LINE -Y1- STA. 46+50
SEE THIS SHEET

MATCH LINE -Y1- STA. 33+50
SEE SHEET PMP-3