

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. U-2211B	SHEET NO. PMP-1
APPROVED: <i>[Signature]</i>	
DATE: 2/11/12	
SEAL	

PAVEMENT MARKING PLAN
CALDWELL COUNTY

LOCATION: LENOIR - SR 1001 (HIBRITEN DRIVE) FROM US 321A
(NORWOOD STREET) TO SR 1712 (STARCROSS ROAD)
EAST OF US 321

CONTRACT: C202820 T.I.P.: U-2211B

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
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
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
-L- CONNELLY SPRINGS RD.	POLYUREA	SNOW PLOWABLE
-Y5- US 321	POLYUREA	SNOW PLOWABLE
-Y11- NORWOOD ST.	POLYUREA	SNOW PLOWABLE
LOOPS AND RAMPS	POLYUREA	SNOW PLOWABLE
BRIDGE	POLYUREA	NONE
ALL OTHER ROADS	POLYUREA	NONE

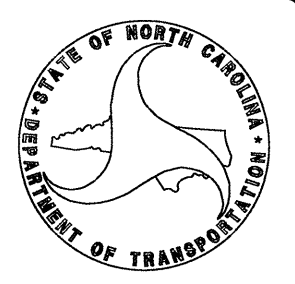
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE BRIDGE DECK PRIOR TO PLACING POLYUREA PAVEMENT MARKING.
- G) THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-8	PAVEMENT MARKING DETAIL

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
DERRICK BEARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



APPROVED: *[Signature]*
 DATE: 2/1/12

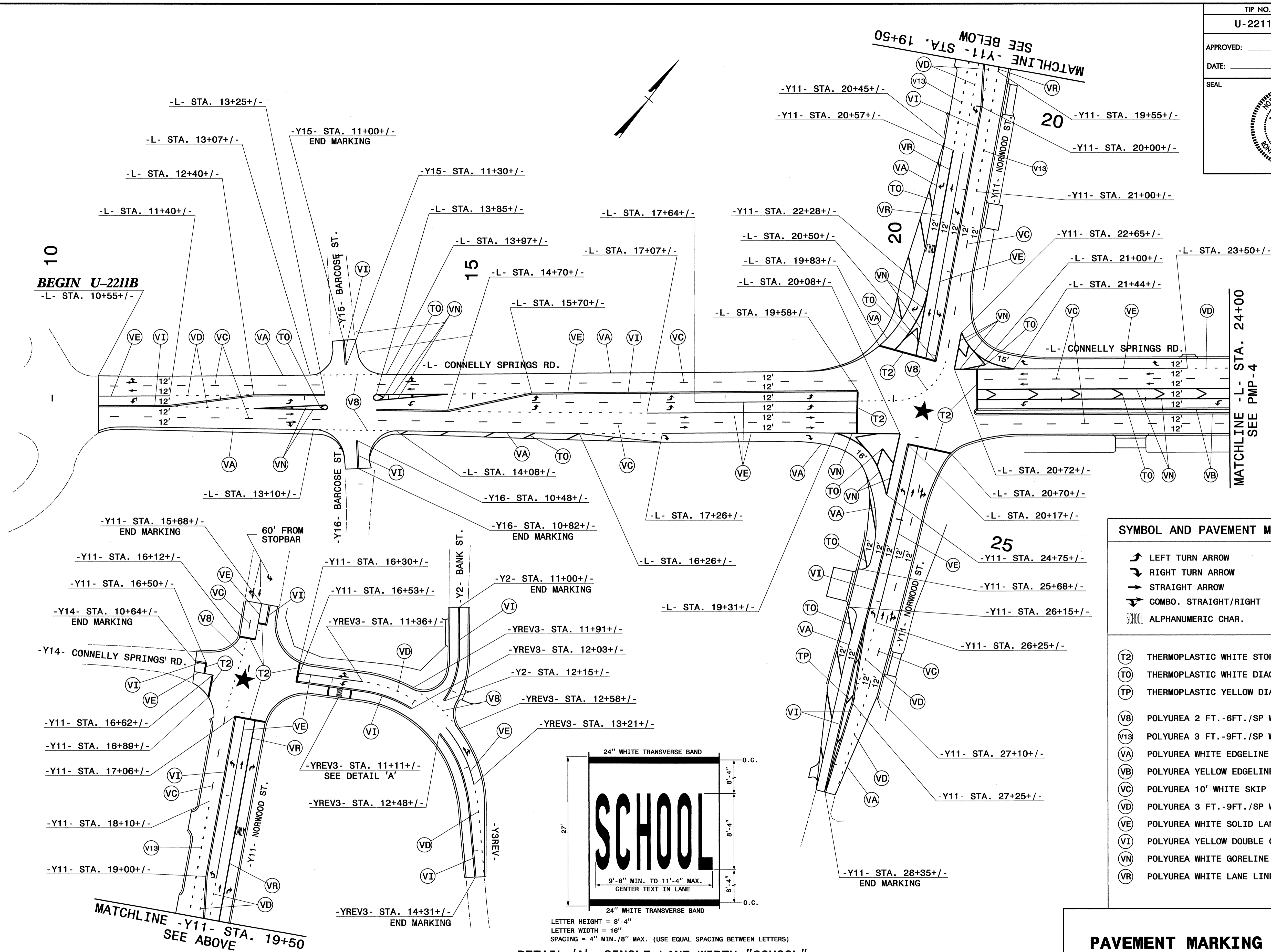


U-2211B PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
FINAL PAVEMENT MARKINGS	
<u>POLYUREA (4") Highly Reflective Elements</u>	
V8	2 FT. - 6 FT./SP WHITE MINISKIP
VA	WHITE EDGELINE
VB	YELLOW EDGELINE
VC	10 FT. WHITE SKIP
VD	3 FT. - 9 FT./SP WHITE MINISKIP
VE	WHITE SOLID LANE LINE
VI	YELLOW DOUBLE CENTER
<u>POLYUREA (8") Highly Reflective Elements</u>	
VN	WHITE GORELINE
<u>POLYUREA (8") Highly Reflective Elements</u>	
V13	3 FT. - 9 FT./SP WHITE MINISKIP
VR	WHITE SOLID LANE LINE
<u>THERMOPLASTIC (24", 120 MILS)</u>	
T2	WHITE STOPBAR
<u>THERMOPLASTIC (8", 90 MILS)</u>	
TO	WHITE DIAGONAL
TP	YELLOW DIAGONAL
<u>THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)</u>	
UI	ALPHANUMERIC CHAR.
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UD	COMBO STRAIGHT/LEFT
UE	COMBO STRAIGHT/RIGHT
UP	MERGE ARROW
UT	U-TURN ARROW
MARKERS	
<u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u>	
ME	YELLOW & YELLOW
MF	CRYSTAL & RED

PAVEMENT MARKING SCHEDULE

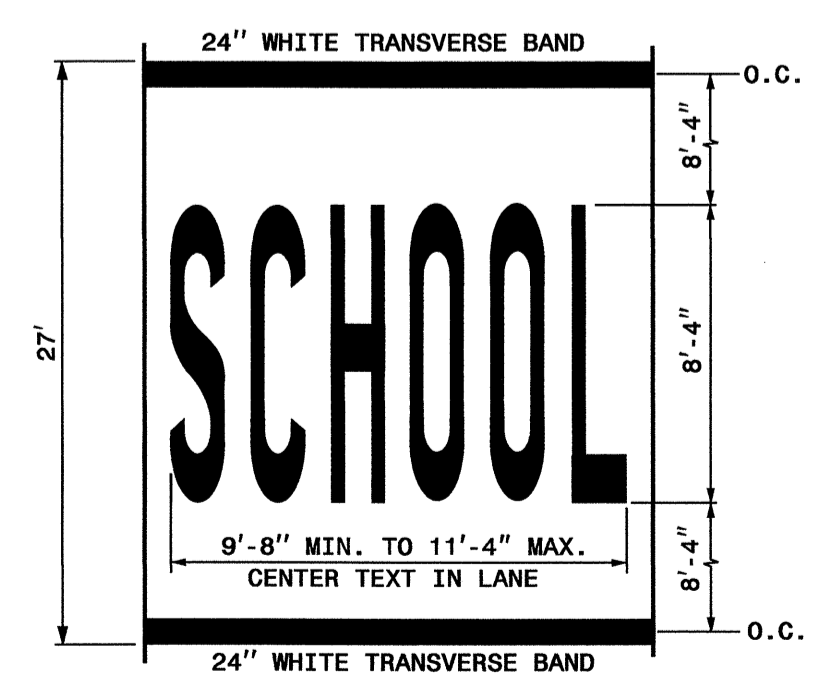
31-JAN-2012 14:29
 RE:\IT\Office\Signoff\CADD\PMP\Pavement\Marking Seed.dgn
 gabeard AT 112244736



SYMBOL AND PAVEMENT MARKING LEGEND

	LEFT TURN ARROW
	RIGHT TURN ARROW
	STRAIGHT ARROW
	COMBO. STRAIGHT/RIGHT
	SCHOOL ALPHANUMERIC CHAR.

- (T2) THERMOPLASTIC WHITE STOPBAR (24")
- (T0) THERMOPLASTIC WHITE DIAGONAL (8")
- (TP) THERMOPLASTIC YELLOW DIAGONAL (8")
- (V8) POLYUREA 2 FT.-6FT./SP WHITE MINISKIP (4")
- (V13) POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (8")
- (VA) POLYUREA WHITE EDGELINE (4")
- (VB) POLYUREA YELLOW EDGELINE (4")
- (VC) POLYUREA 10' WHITE SKIP (4")
- (VD) POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (4")
- (VE) POLYUREA WHITE SOLID LANELINE (4")
- (VI) POLYUREA YELLOW DOUBLE CENTER (4")
- (VN) POLYUREA WHITE GORELINE (8")
- (VR) POLYUREA WHITE LANE LINE (8")



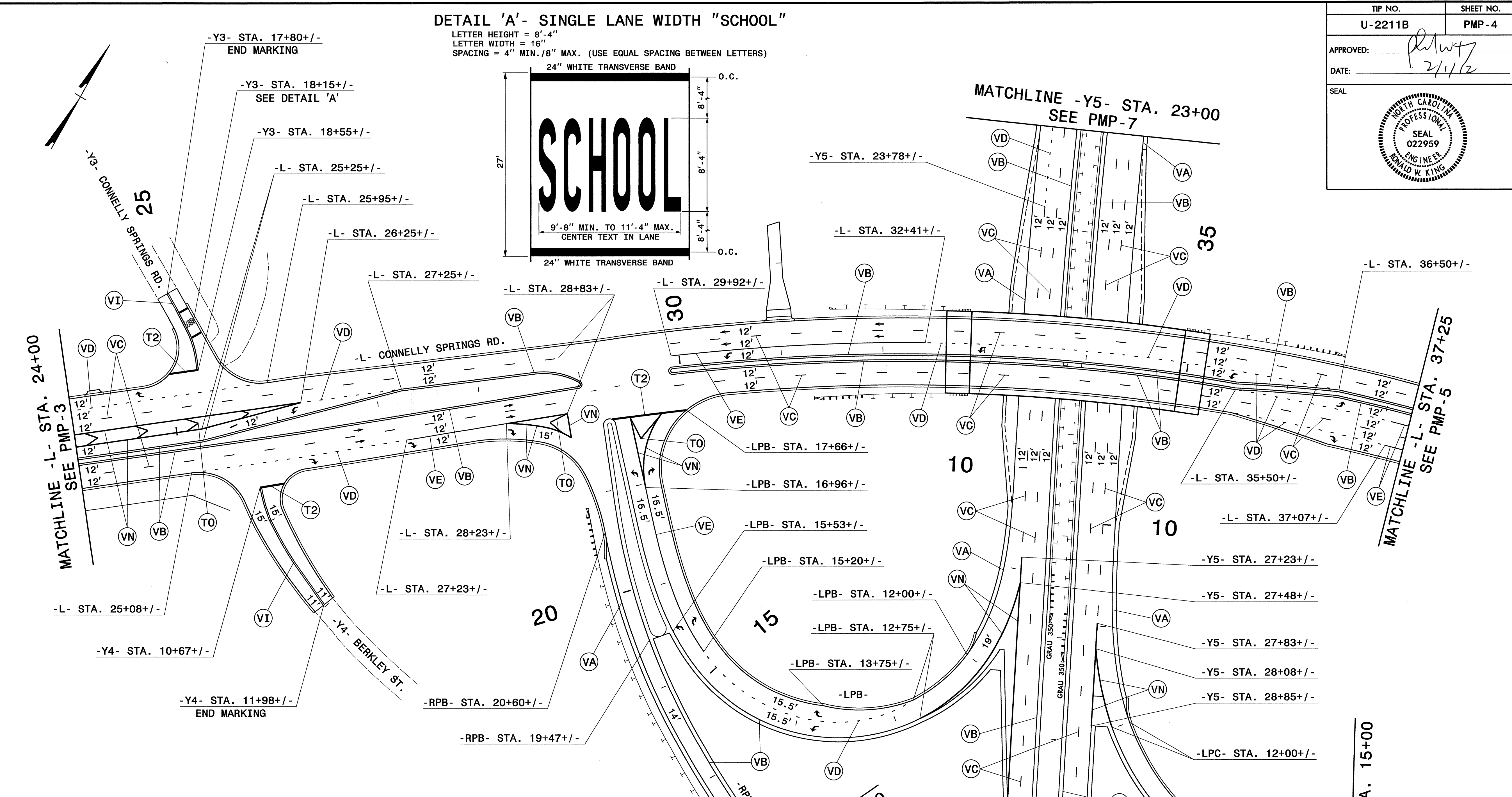
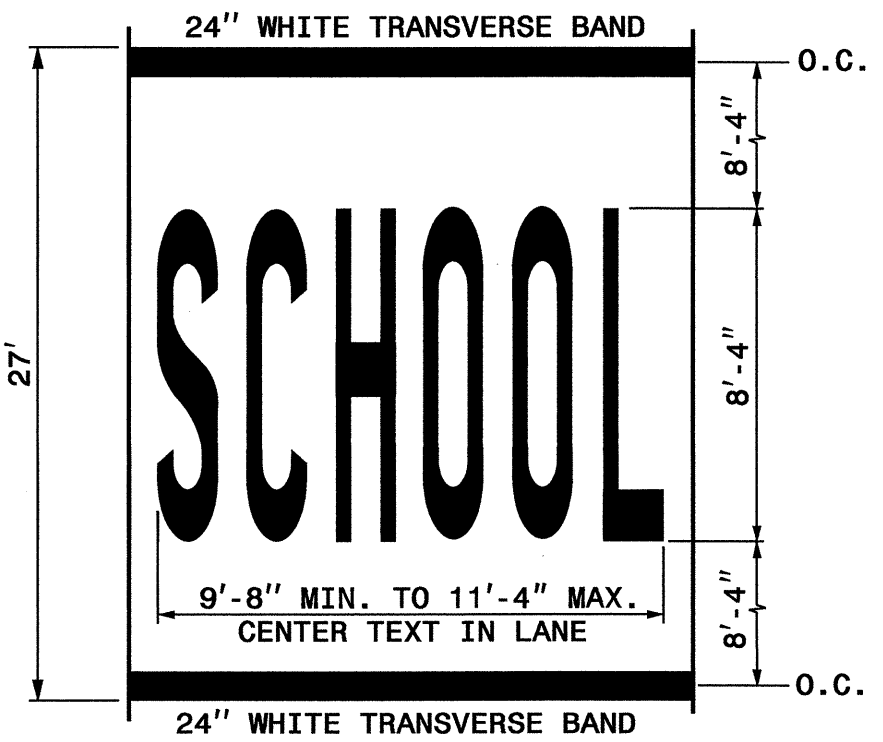
DETAIL 'A' - SINGLE LANE WIDTH "SCHOOL"
 LETTER HEIGHT = 8'-4"
 LETTER WIDTH = 16"
 SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

PAVEMENT MARKING DETAIL

31-JAN-2012 14:43
 R:\IT\aff\Signaling\CADD\PMU-U-2211B-Sgn_PMP_new-3.dgn
 dhbeard

DETAIL 'A' - SINGLE LANE WIDTH "SCHOOL"

LETTER HEIGHT = 8'-4"
 LETTER WIDTH = 16"
 SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)




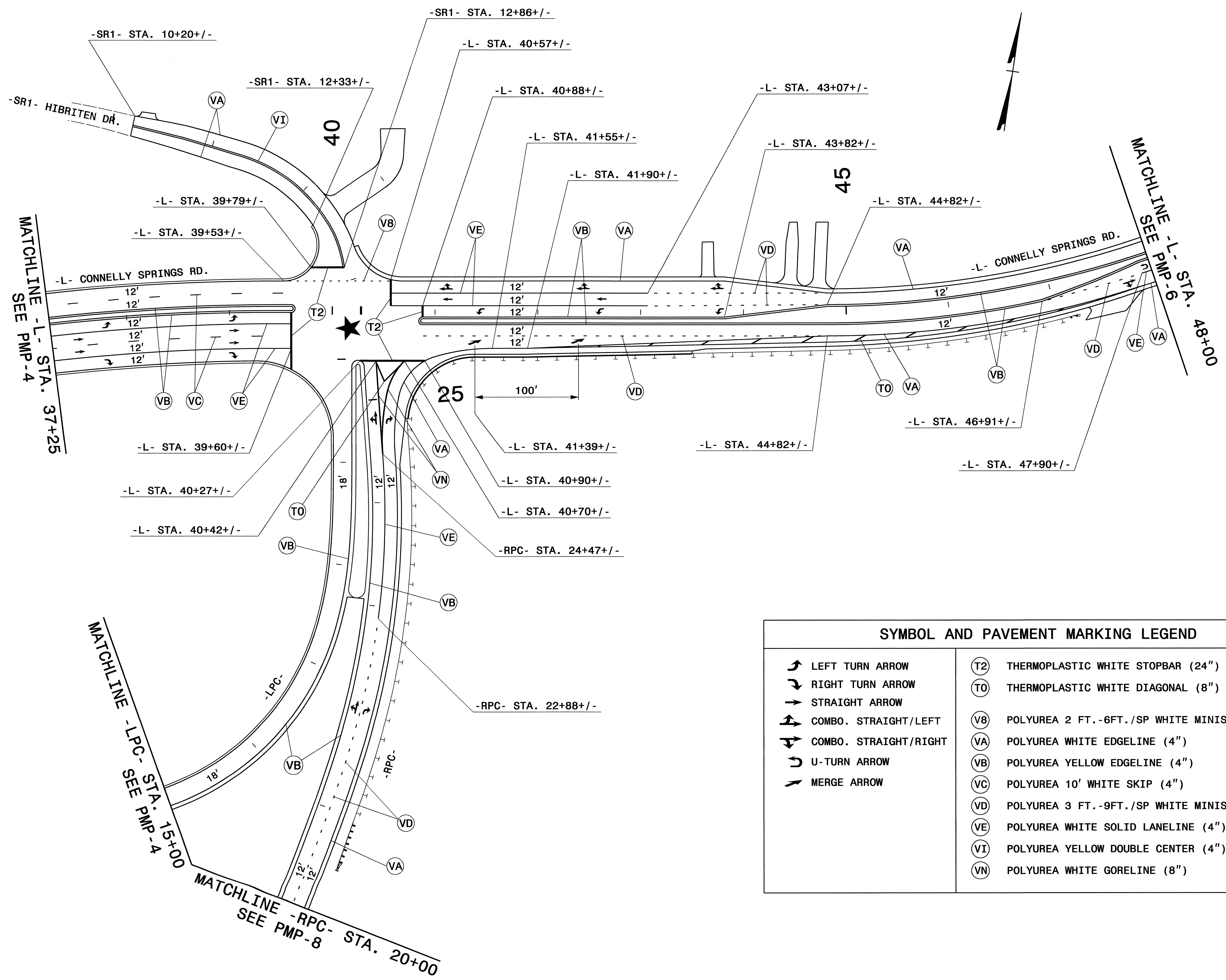
SYMBOL AND PAVEMENT MARKING LEGEND

	LEFT TURN ARROW		THERMOPLASTIC WHITE STOPBAR (24")
	RIGHT TURN ARROW		THERMOPLASTIC WHITE DIAGONAL (8")
	STRAIGHT ARROW		POLYUREA WHITE EDGELINE (4")
	ALPHANUMERIC CHAR.		POLYUREA YELLOW EDGELINE (4")
			POLYUREA 10' WHITE SKIP (4")
			POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (4")
			POLYUREA WHITE SOLID LANELINE (4")
			POLYUREA YELLOW DOUBLE CENTER (4")
			POLYUREA WHITE GORELINE (8")

PAVEMENT MARKING DETAIL

31-JAN-2012 14:30
 R:\Traffic\Signing\CADD\PMU-221B_Sgn_PMP_new-4.dgn
 dboard AT 1E244736


TIP NO.	SHEET NO.
U-2211B	PMP-5
APPROVED:	<i>[Signature]</i>
DATE:	2/1/12
SEAL	

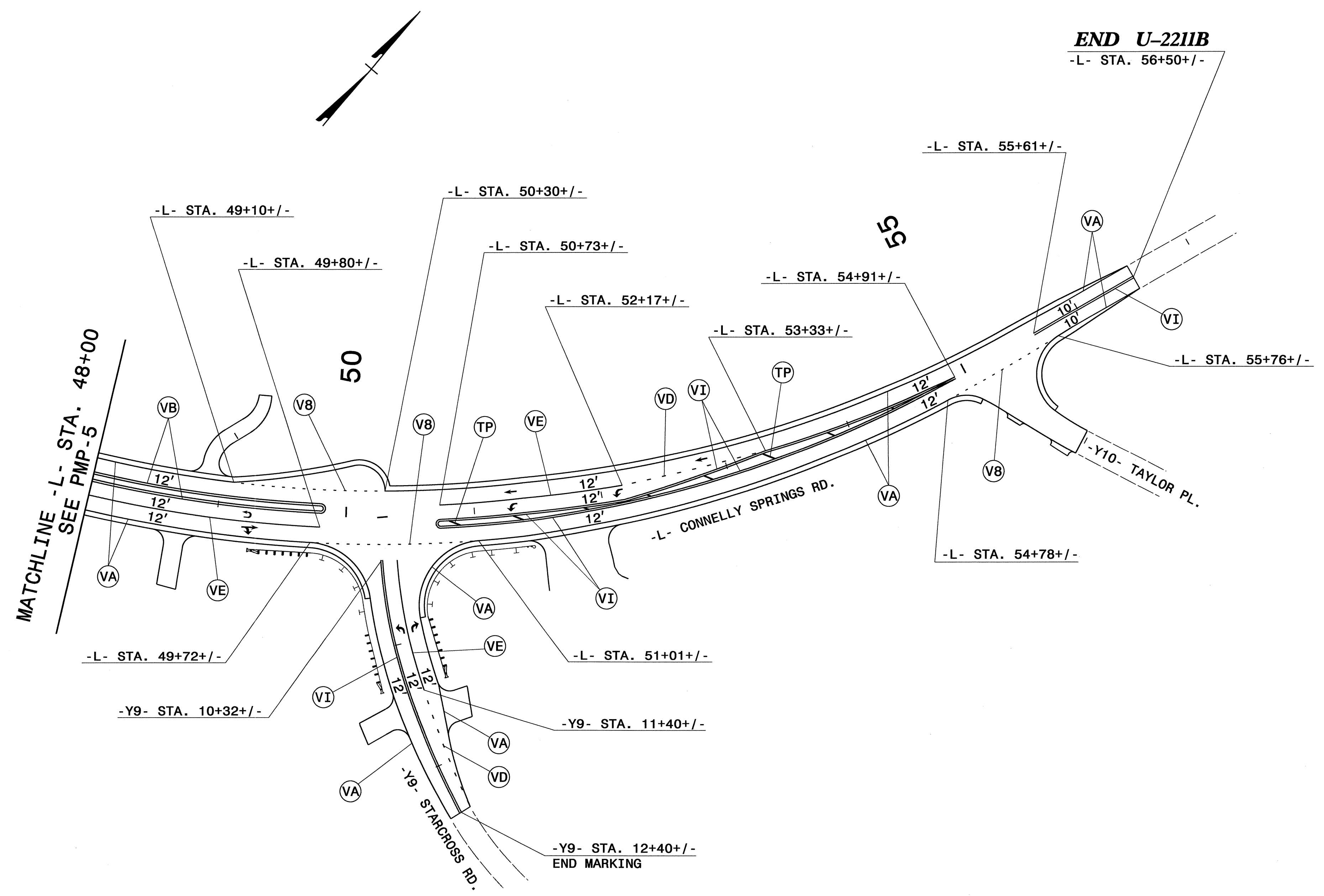


SYMBOL AND PAVEMENT MARKING LEGEND	
	T2 THERMOPLASTIC WHITE STOPBAR (24")
	T0 THERMOPLASTIC WHITE DIAGONAL (8")
	V8 POLYUREA 2 FT.-6FT./SP WHITE MINISKIP (4")
	VA POLYUREA WHITE EDGELINE (4")
	VB POLYUREA YELLOW EDGELINE (4")
	VC POLYUREA 10' WHITE SKIP (4")
	VD POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (4")
	VE POLYUREA WHITE SOLID LANELINE (4")
	VI POLYUREA YELLOW DOUBLE CENTER (4")
	VN POLYUREA WHITE GORELINE (8")













PAVEMENT MARKING DETAIL

31-JAN-2012 14:31
 R:\Traffic\Signing\CADD\PMU\U-2211B_Sgn_PMP_new-5.dgn
 gshepard AT 11244736

TIP NO.	SHEET NO.
U-2211B	PMP-6
APPROVED:	<i>[Signature]</i>
DATE:	2/1/12
SEAL	




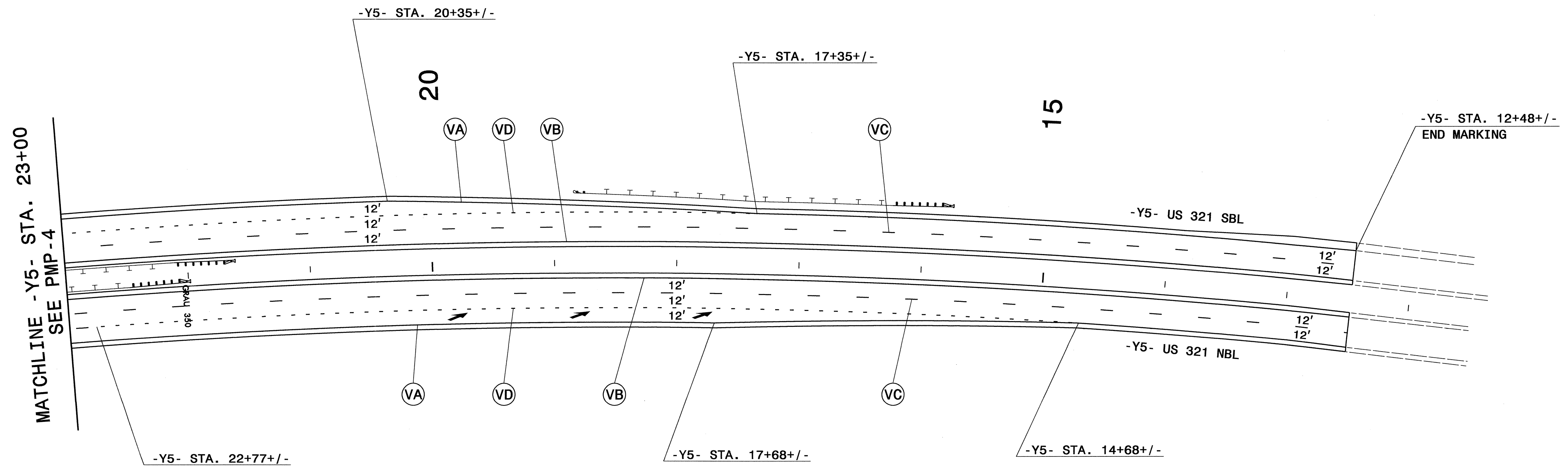
SYMBOL AND PAVEMENT MARKING LEGEND

	LEFT TURN ARROW		THERMOPLASTIC YELLOW DIAGONAL (8")
	RIGHT TURN ARROW		POLYUREA 2 FT. -6FT. /SP WHITE MINISKIP (4")
	STRAIGHT ARROW		POLYUREA WHITE EDGELINE (4")
	COMBO. STRAIGHT/RIGHT		POLYUREA YELLOW EDGELINE (4")
	U-TURN ARROW		POLYUREA 3 FT. -9FT. /SP WHITE MINISKIP (4")
			POLYUREA WHITE SOLID LANELINE (4")
			POLYUREA YELLOW DOUBLE CENTER (4")

PAVEMENT MARKING DETAIL

31-JAN-2012 14:33
 R:\Projects\Signaling\CADD\PMU-U-2211B_Sgn_PMP_new-6.dgn
 gnsbard AL 1E244736

TIP NO. U-2211B	SHEET NO. PMP-7
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	
	




SYMBOL AND PAVEMENT MARKING LEGEND

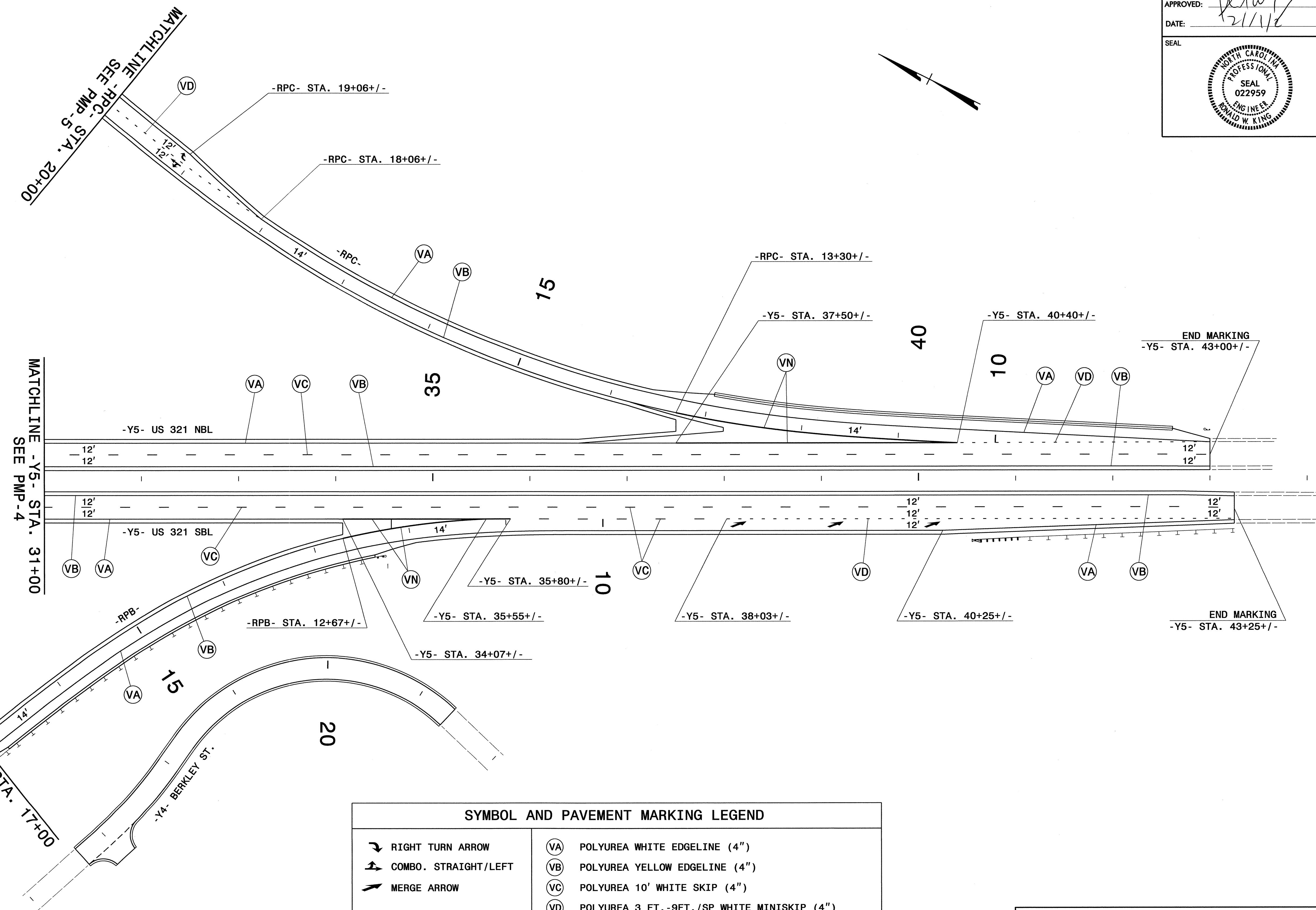
 MERGE ARROW








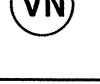
- (VA) POLYUREA WHITE EDGELINE (4")
- (VB) POLYUREA YELLOW EDGELINE (4")
- (VC) POLYUREA 10' WHITE SKIP (4")
- (VD) POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (4")

PAVEMENT MARKING DETAIL

31-JAN-2012 14:34
 R:\Traffic\Signing\CADD\PMU\U-2211B_Sgn_PMP_new-7.dgn
 gibeard AT 1E244736

TIP NO. U-2211B	SHEET NO. PMP-8
APPROVED: <i>[Signature]</i>	
DATE: 2/1/12	
SEAL	
	



SYMBOL AND PAVEMENT MARKING LEGEND	
	RIGHT TURN ARROW
	COMBO. STRAIGHT/LEFT
	MERGE ARROW
	POLYUREA WHITE EDGELINE (4")
	POLYUREA YELLOW EDGELINE (4")
	POLYUREA 10' WHITE SKIP (4")
	POLYUREA 3 FT.-9FT./SP WHITE MINISKIP (4")
	POLYUREA WHITE GORELINE (8")

PAVEMENT MARKING DETAIL

31-JAN-2012 14:36
 R:\Traffic\Signing\CADD\PMU-U-2211B_Sgn_PMP_new-8.dgn
 gmbear