

09/08/09

See Sheet 1-A For Index of Sheets
See Sheet 1-B for conventional symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

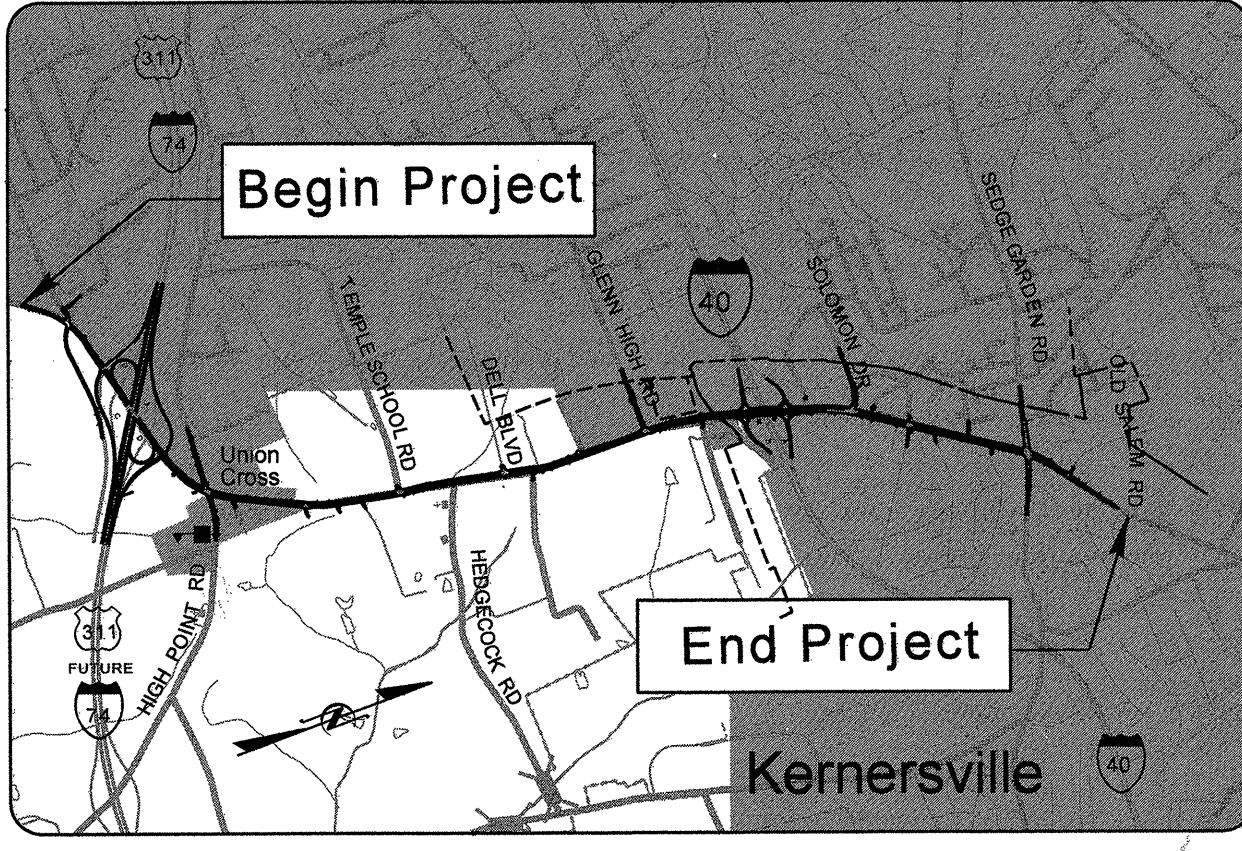
FORSYTH COUNTY

| | | | |
|-----------------|-----------------------------|-------------|--------------|
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | U-4909 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 40278.1.1 | STP-2643(2) | PE | |
| 40278.2.1 | STPHPP-2643(3) | RW/UTIL | |
| 40278.3.1 | STP-2643(5) | CONST | |

LOCATION: WINSTON SALEM - SR 2643 (UNION CROSS RD.) FROM SR 2691 (WALLBURG RD) TO SR 2632 (SEDE GARDEN RD.)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURES, AND SIGNALS

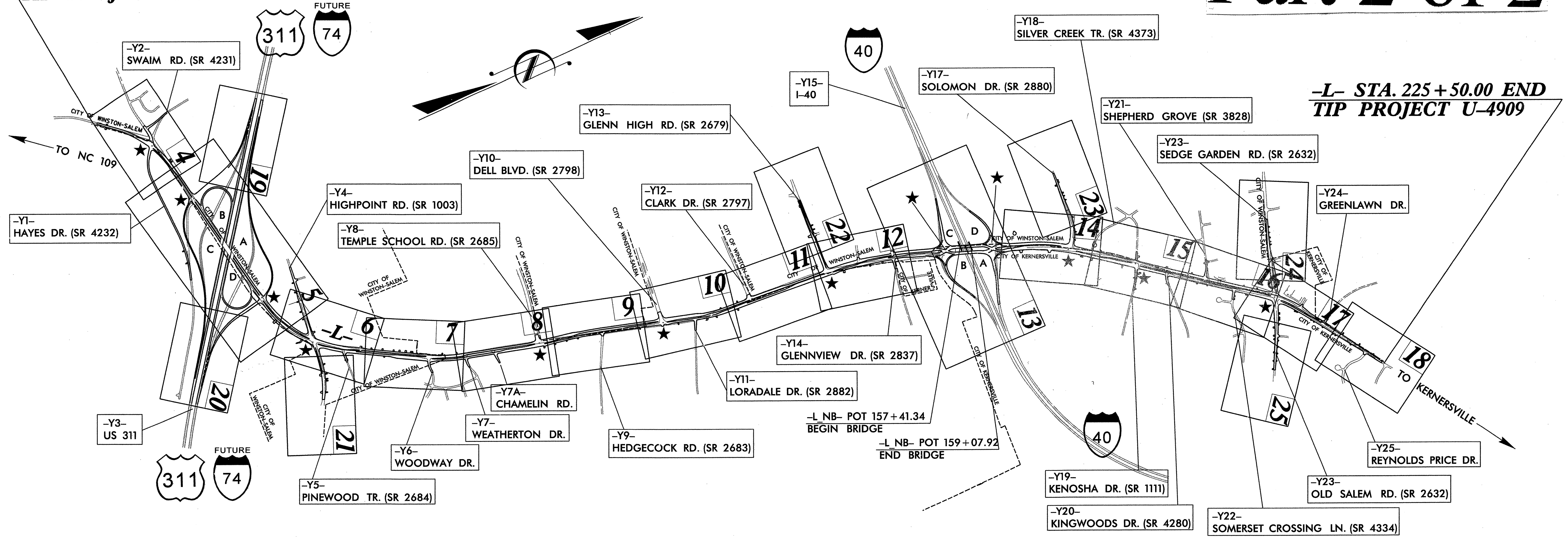
Part 2 of 2



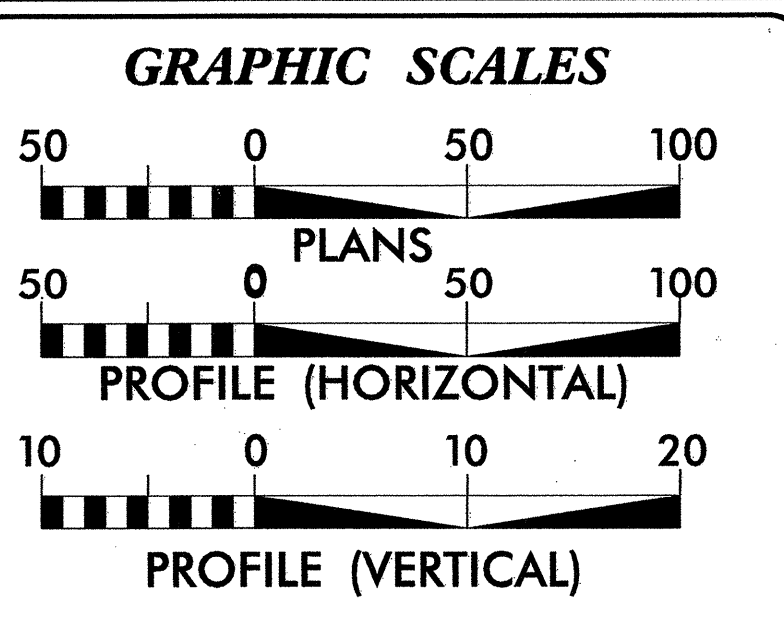
VICINITY MAP

-L- STA. 7+40.00 BEGIN
TIP PROJECT U-4909

-L- STA. 225+50.00 END
TIP PROJECT U-4909



NOTES:
1. THIS IS A PARTIAL CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON PLANS.



DESIGN DATA

| | |
|---------------|-------------------|
| ADT 2011 | = 25,120 |
| ADT 2031 | = 41,520 |
| DHV | = 10% |
| D | = 60% |
| T | = 9% * |
| V | = 50 MPH |
| CLASS | = URBAN COLLECTOR |
| * DUAL | = 6% |
| DRAINAGE TIER | = REGIONAL |

PROJECT LENGTH

| | |
|-------------------------------------|----------------|
| LENGTH ROADWAY TIP PROJECT U-4909 | 4.131 mi |
| LENGTH STRUCTURE TIP PROJECT U-4909 | 0.032 mi |
| TOTAL LENGTH TIP PROJECT U-4909 | 4.099 mi |

PLANS PREPARED BY:

RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE, SUITE 350
RALEIGH, NORTH CAROLINA 27609
NC LICENSE NO. F-0112

FOR
DIVISION OF HIGHWAYS

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
AUGUST 15, 2008

LETTING DATE:
DECEMBER 20, 2011

J.T. PEACOCK, JR., P.E.
PROJECT ENGINEER

MICHAEL T. MERRITT, P.E.
PROJECT DESIGN ENGINEER

NC DOT CONTACT:
K. ZAK HAMIDI, PE
PROJECT ENGINEER - PROJECT SERVICES

HYDRAULICS ENGINEER

Matthew L. Cool
SIGNATURE: 10/7/11

ROADWAY DESIGN ENGINEER

Michael T. Merritt
SIGNATURE: 10/17/2011

Professional Engineer Seals for Matthew L. Cool and Michael T. Merritt.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

Art M. Miller
STATE HIGHWAY DESIGN ENGINEER

10/5/2011
R:\Roadway\Proj\U4909_rdy_tsh.dgn
jbeauchaine

TIP PROJECT: U4909

CONTRACT: C202745

T.I.P.: U-4909

CONTRACT:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
FORSYTH COUNTY

| | |
|------------------------------------|--------------------|
| TIP NO. U-4909 | SHEET NO. PMP-1 |
| APPROVED: <i>Michael T. Rzepka</i> | |
| DATE: 9-2-11 | |
| SEAL | |
| | |

INDEX

| SHEET NO. | DESCRIPTION |
|----------------|---|
| PMP-1 | PAVEMENT MARKING PLAN COVER SHEET |
| PMP-1A | PAVEMENT MARKING SCHEDULE |
| PMP-2 - PMP-21 | PAVEMENT MARKING DETAIL |
| PMP-22 | CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL |

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 JULY 2006 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 |
| 1205.07 | PAVEMENT MARKINGS - PEDESTRIAN CROSSINGS |
| 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 |
| 1251.01 | RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT |
| 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 |
| 1264.01 | OBJECT MARKERS |
| 1264.02 | PLACEMENT OF OBJECT MARKERS |
| 1267.01 | FLEXIBLE DELINEATOR INSTALLATION |
| 1267.02 | FLEXIBLE DELINEATOR SPACING |
| 1267.03 | FLEXIBLE DELINEATOR - INTERCHANGES |

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 (EXCEPT US 311) | POLYUREA | ----- |
| US 311 & US 311 RAMPS | POLYUREA | SNOWPLOWABLE |

- D) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- E) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- G) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- H) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE CONCRETE SURFACES PRIOR TO PLACING POLYUREA PAVEMENT MARKING.
- I) USE HEATED IN PLACE THERMOPLASTIC OR COLD APPLIED PLASTIC PAVEMENT MARKING FOR STOP BAR, SYMBOLS, CHARACTERS AND MARKING WHERE POLYUREA IS NOT PRACTICAL.
- J) MARKERS SHALL BE INSTALLED ACCORDING TO THE NC DOT ROADWAY STANDARD DRAWING 1250.01.
- K) PLACE ALL CROSSWALKS 10' WIDE.
- L) FOR FINAL SURFACE COURSE LAYER USING SF9.5A ASPHALT, USE THERMOPLASTIC IN PLACE OF POLYUREA PAVEMENT MARKINGS.
- M) FOR COLD APPLIED PLASTIC PAVEMENT MARKINGS, USE TYPE II OR TYPE III.

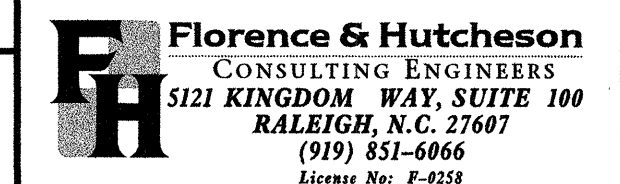
PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
MATT TRACEY SIGNING & DELINEATION PROJECT DESIGN ENGINEER



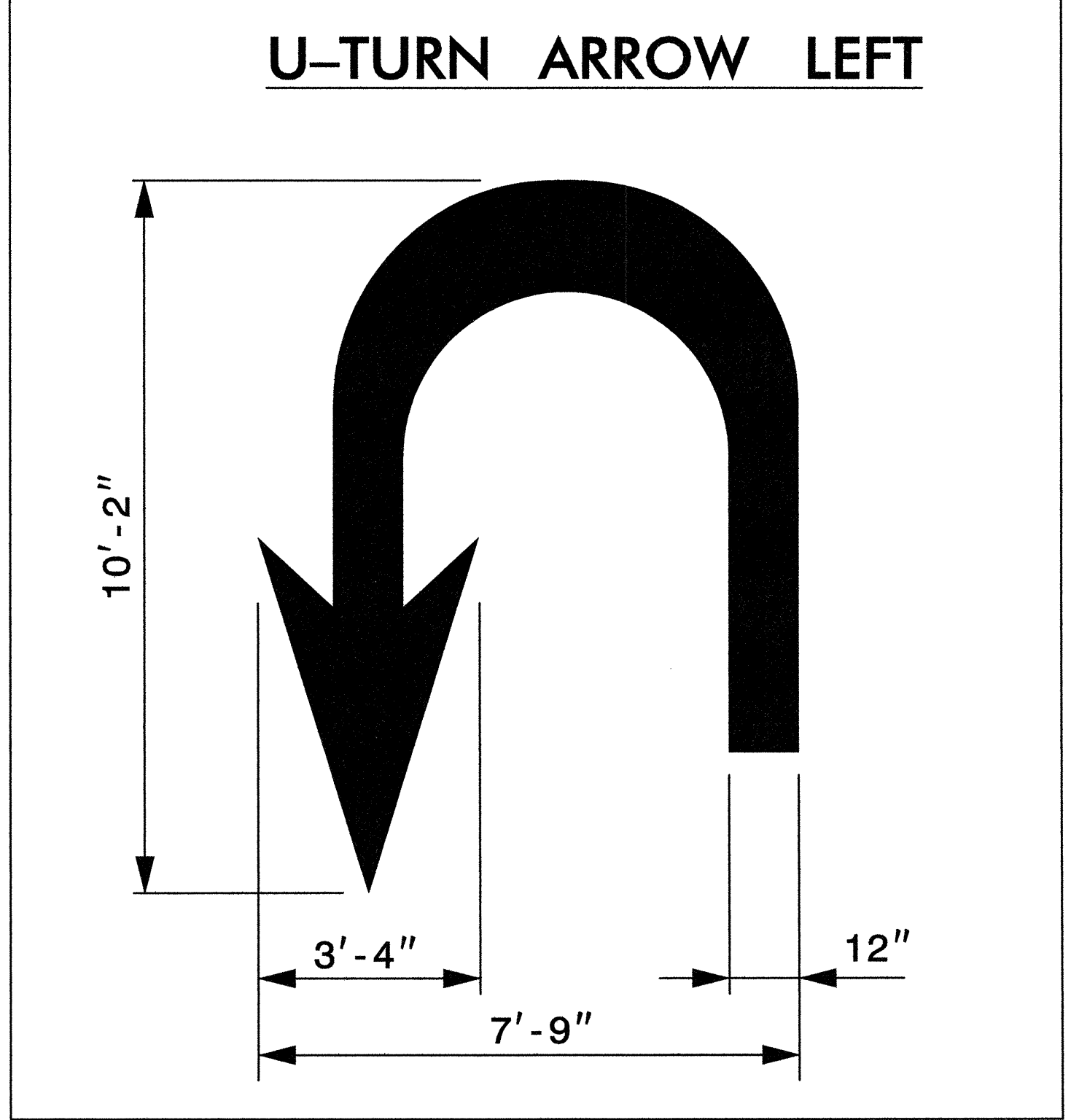
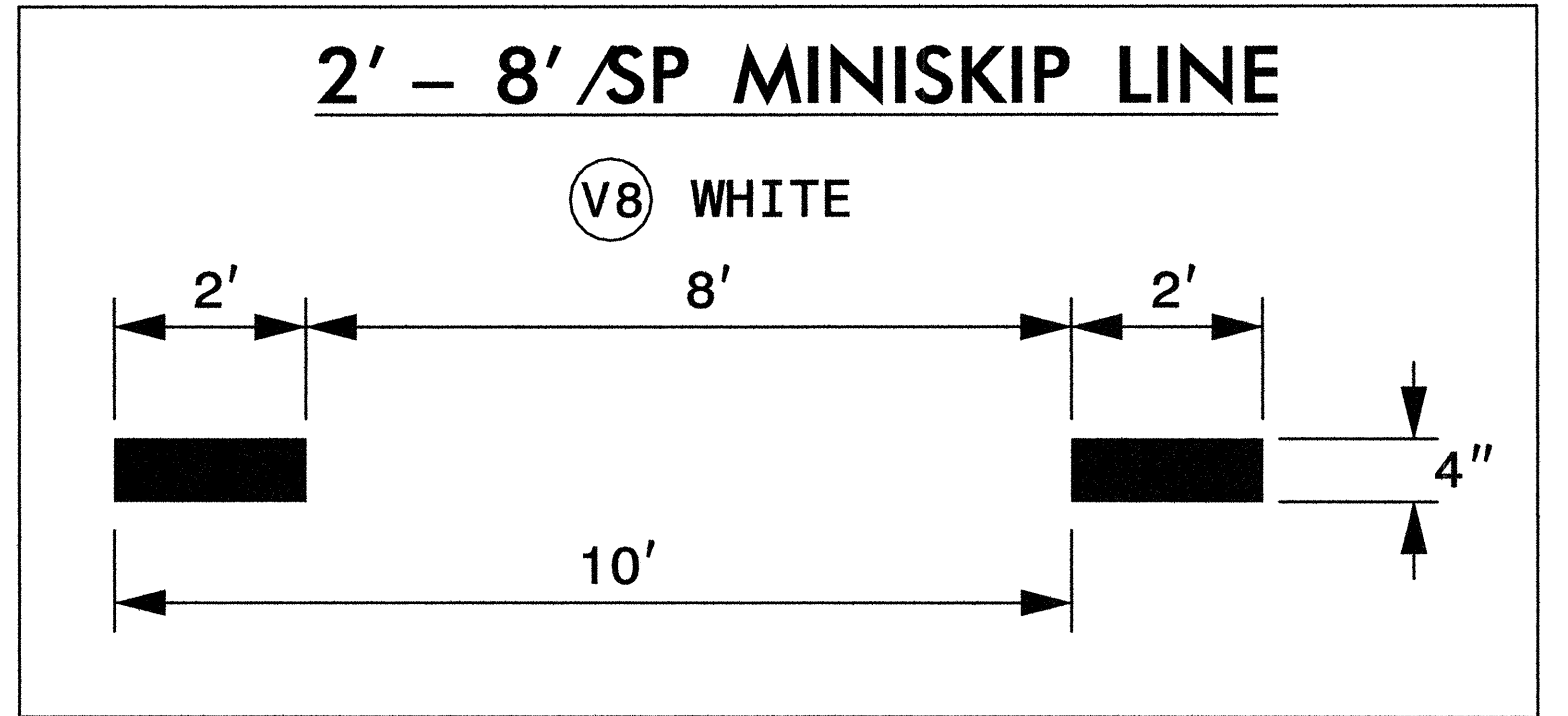
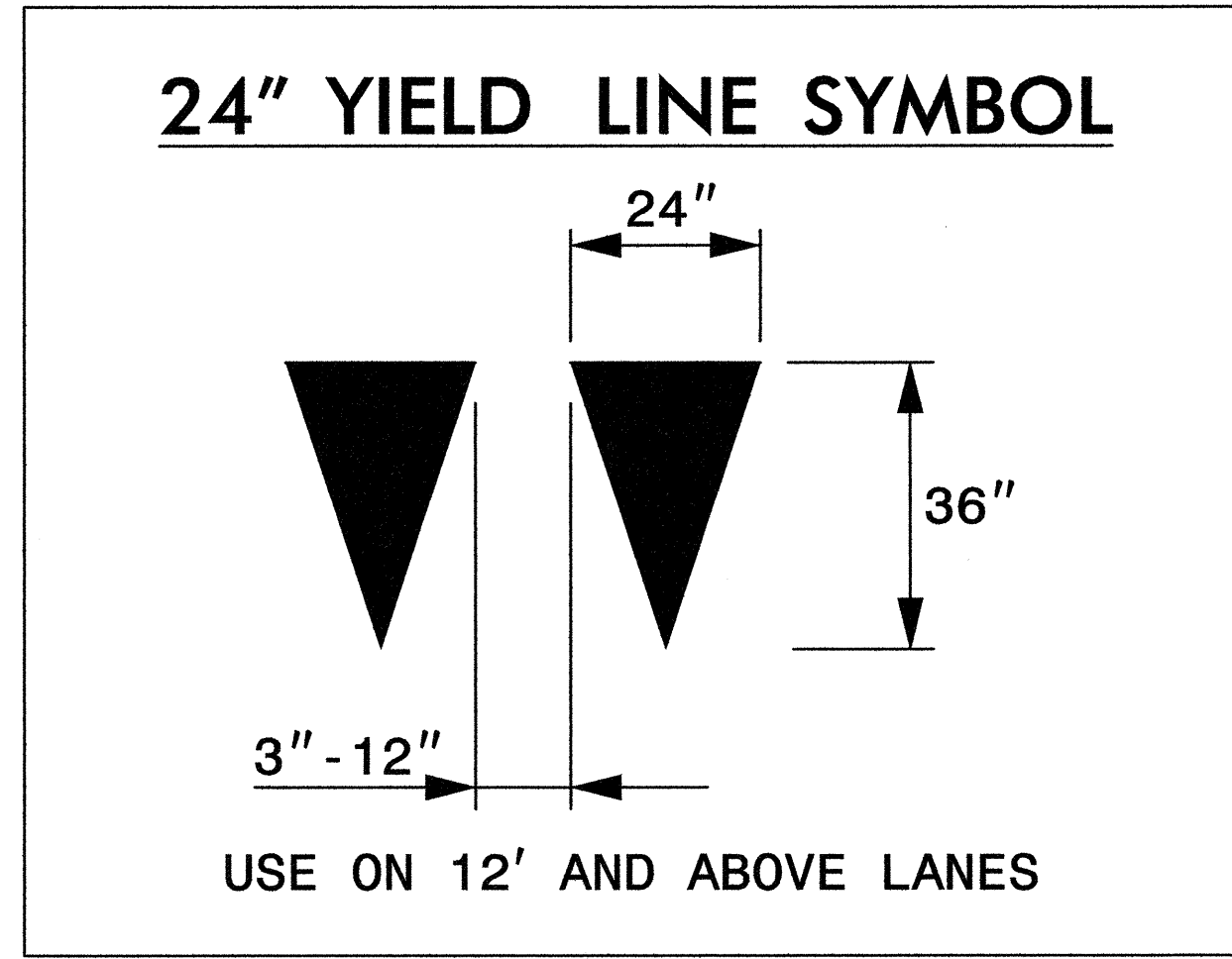
PLAN PREPARED BY: FLORENCE & HUTCHESON

M. T. RZEPKA, P.E. PROJECT ENGINEER
G. E. PARKER DESIGN ENGINEER
Y. T. MARIOTTE DESIGN TECHNICIAN



FINAL PAV'T MARKING SCHEDULE

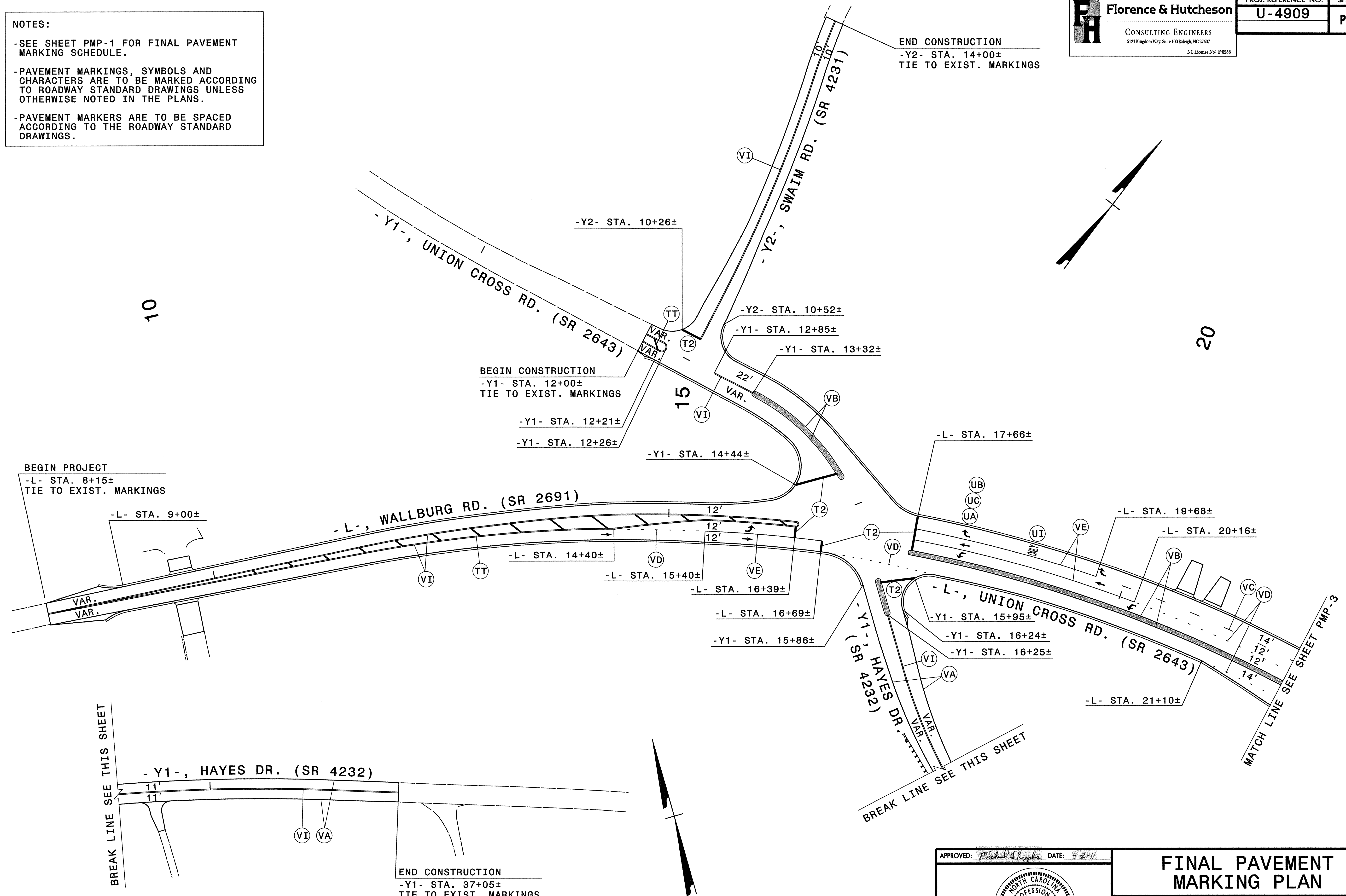
| SYMBOL | DESCRIPTION | BREAKDOWN | PAY ITEM |
|---------------------------------|--|-----------|------------------------------------|
| PAVEMENT MARKING LINES | | | |
| VA | WHITE EDGELINE | | POLYUREA (4", 20 mils) |
| VB | YELLOW EDGELINE | | |
| VC | 10 ft. WHITE SKIP | | POLYUREA (4", 20 mils) |
| VD | 2 ft. WHITE MINISKIP | | |
| VE | WHITE SOLID LANE LINE | | |
| VF | 10 ft. YELLOW SKIP | | |
| VH | YELLOW SINGLE CENTER LINE | | |
| VI | YELLOW DOUBLE CENTER LINE | | |
| V8 | 2 ft. - 8 ft./SP WHITE MINISKIP | | |
| V7 | YELLOW EDGELINE | | POLYUREA (6", 20 mils) |
| VP | WHITE GORELINE | | POLYUREA (8", 20 mils) |
| TT | YELLOW DIAGONAL | | THERMOPLASTIC (8", 90 mils) |
| TQ | WHITE DIAGONAL | | |
| TV | WHITE CROSSWALK LINE | | THERMOPLASTIC (8", 120 mils) |
| T2 | WHITE STOPBAR | | THERMOPLASTIC (24", 120 mils) |
| T3 | WHITE CROSSWALK LINE | | |
| PAVEMENT MARKING SYMBOLS | | | |
| UA | LEFT TURN ARROW | | THERMOPLASTIC SYMBOL (90 mils) |
| UB | RIGHT TURN ARROW | | |
| UC | STRAIGHT ARROW | | |
| UD | COMBO STRAIGHT / LEFT TURN ARROW | | |
| UE | COMBO STRAIGHT / RIGHT TURN ARROW | | |
| UM | 24" YIELD LINE TRIANGLE PAVEMENT MARKING | | |
| UT | U TURN ARROW | | |
| UI | ALPHANUMERIC CHARACTER | | THERMOPLASTIC CHARACTER (120 mils) |
| DA | LEFT TURN ARROW | | COLD APPLIED PLASTIC SYMBOL |
| DC | STRAIGHT ARROW | | |
| DI | ALPHANUMERIC CHARACTER | | COLD APPLIED PLASTIC CHARACTER |
| PAVEMENT MARKERS | | | |
| MF | CRYSTAL AND RED | | SNOWPLOWABLE RAISED |



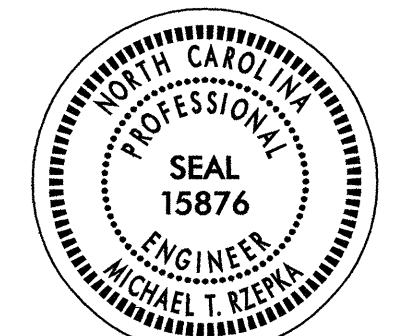
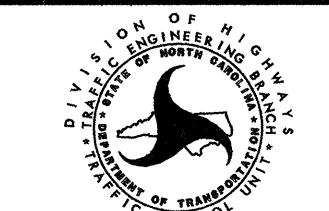
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| | DATE: SEPT '11 | |
| | DWG. BY: YTM | |
| | DESIGN BY: GEP | |
| REVIEWED BY: MTR | REVISIONS | |

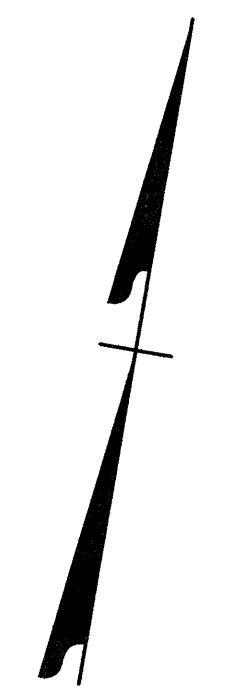
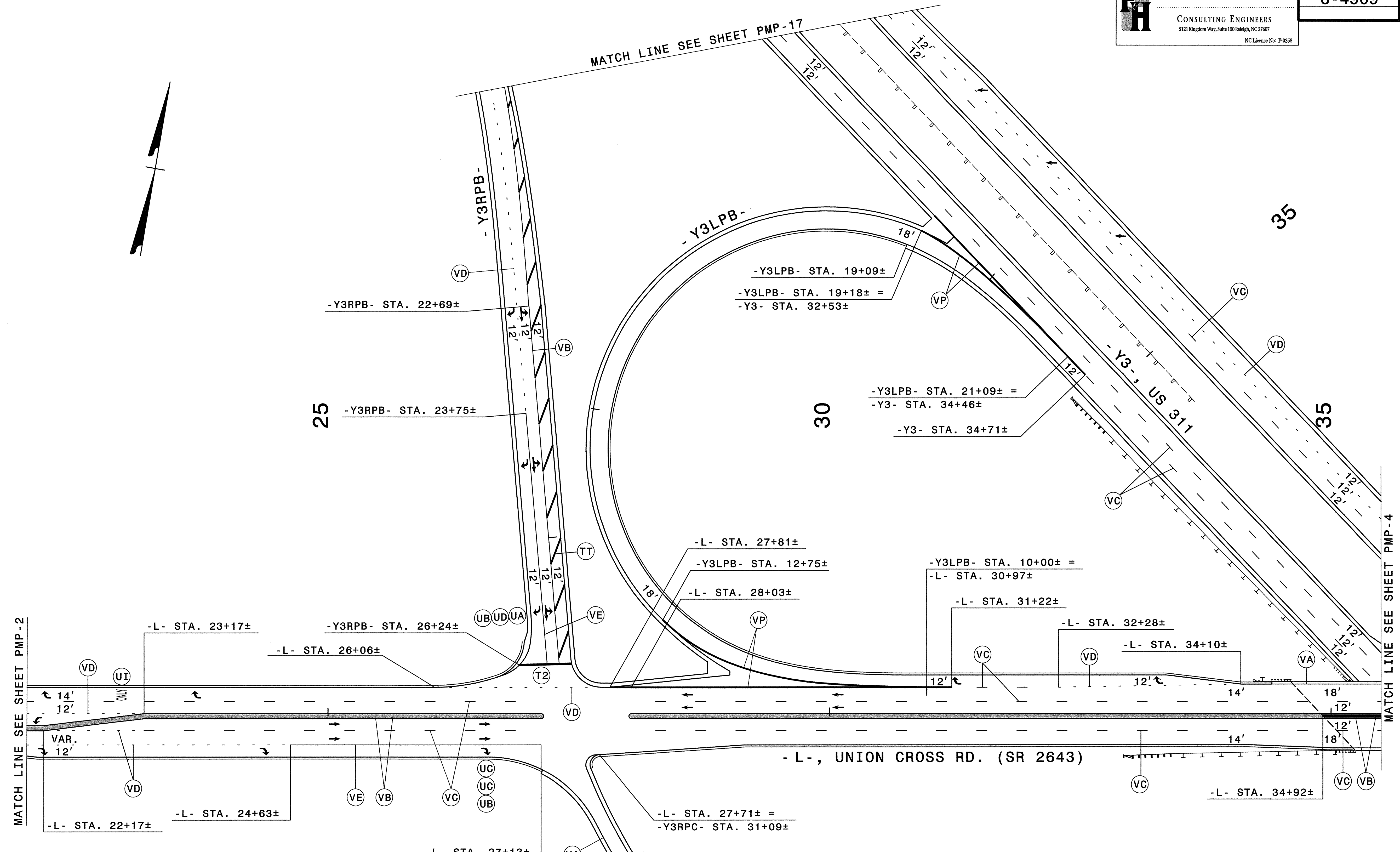
NOTES:

- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
- PAVEMENT MARKINGS, SYMBOLS AND CHARACTERS ARE TO BE MARKED ACCORDING TO ROADWAY STANDARD DRAWINGS UNLESS OTHERWISE NOTED IN THE PLANS.
- PAVEMENT MARKERS ARE TO BE SPACED ACCORDING TO THE ROADWAY STANDARD DRAWINGS.



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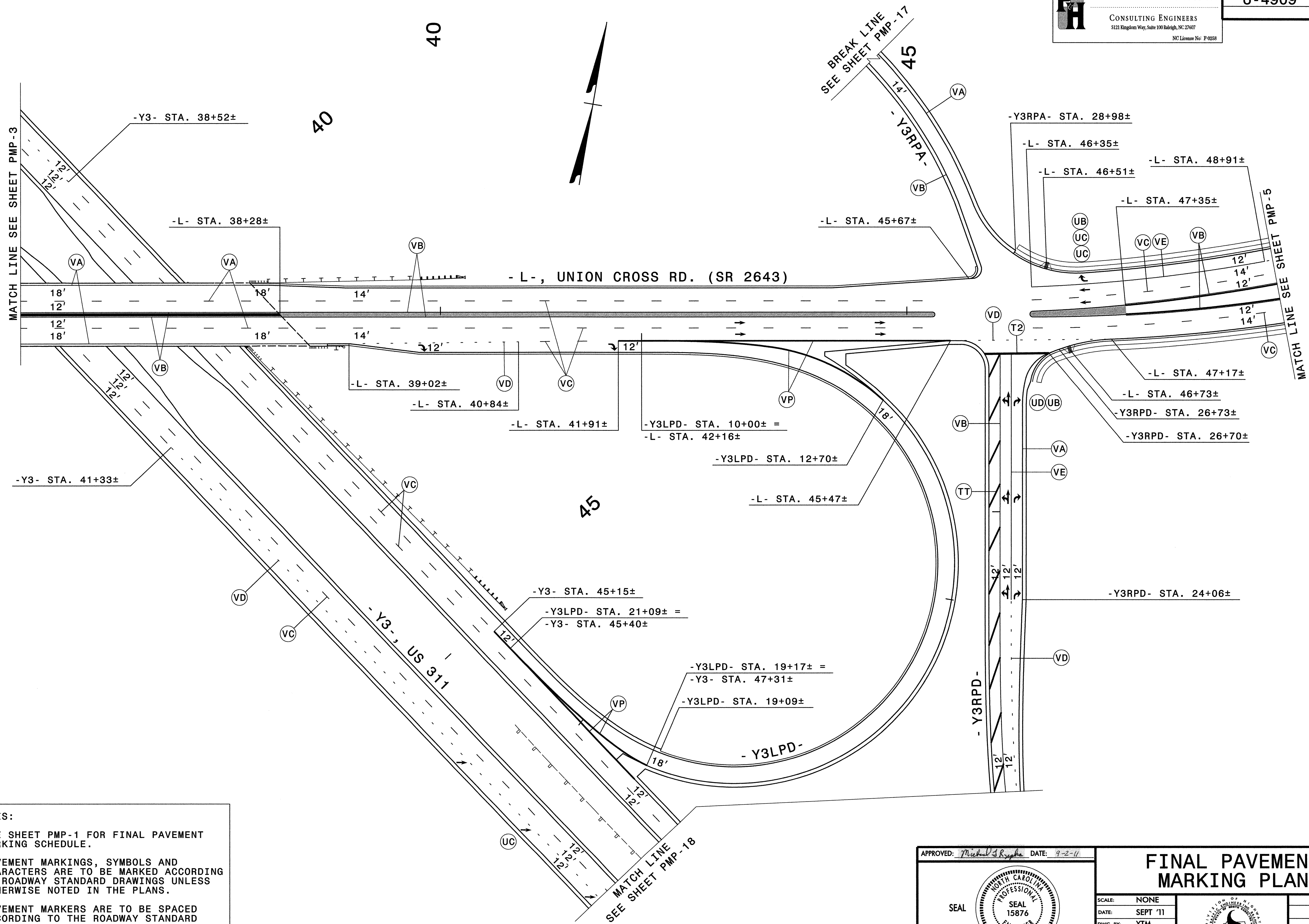
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APPROVED: *Michael T. Kierma* DATE: 9-2-11

SEAL

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NOTES:

- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
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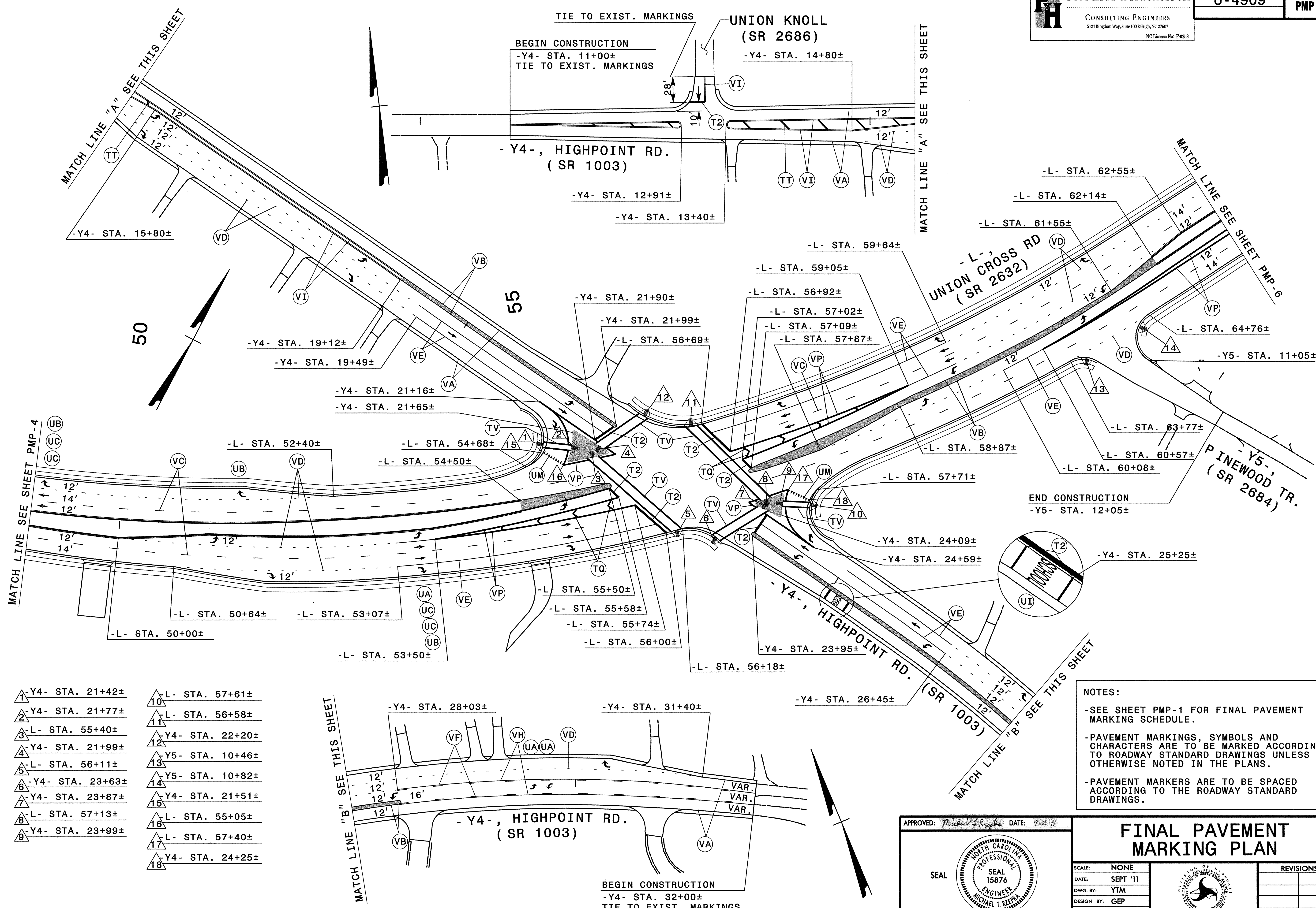
APPROVED: *Michael T. Rzepka* DATE: 9-2-11

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 15876
 MICHAEL T. RZEPKA

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| FINAL PAVEMENT MARKING PLAN | | REVISIONS | |
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- ▲ -Y4- STA. 21+42±
- ▲ -Y4- STA. 21+77±
- ▲ -L- STA. 55+40±
- ▲ -Y4- STA. 21+99±
- ▲ -L- STA. 56+11±
- ▲ -Y4- STA. 23+63±
- ▲ -Y4- STA. 23+87±
- ▲ -L- STA. 57+13±
- ▲ -Y4- STA. 23+99±
- ▲ -L- STA. 57+61±
- ▲ -L- STA. 56+58±
- ▲ -Y4- STA. 22+20±
- ▲ -Y5- STA. 10+46±
- ▲ -Y5- STA. 10+82±
- ▲ -Y4- STA. 21+51±
- ▲ -L- STA. 55+05±
- ▲ -L- STA. 57+40±
- ▲ -Y4- STA. 24+25±

NOTES:

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APPROVED: *Michael T. Neppa* DATE: 9-2-11

SEAL

PROFESSIONAL ENGINEER
 SEAL 15876
 MICHAEL T. NEPPA

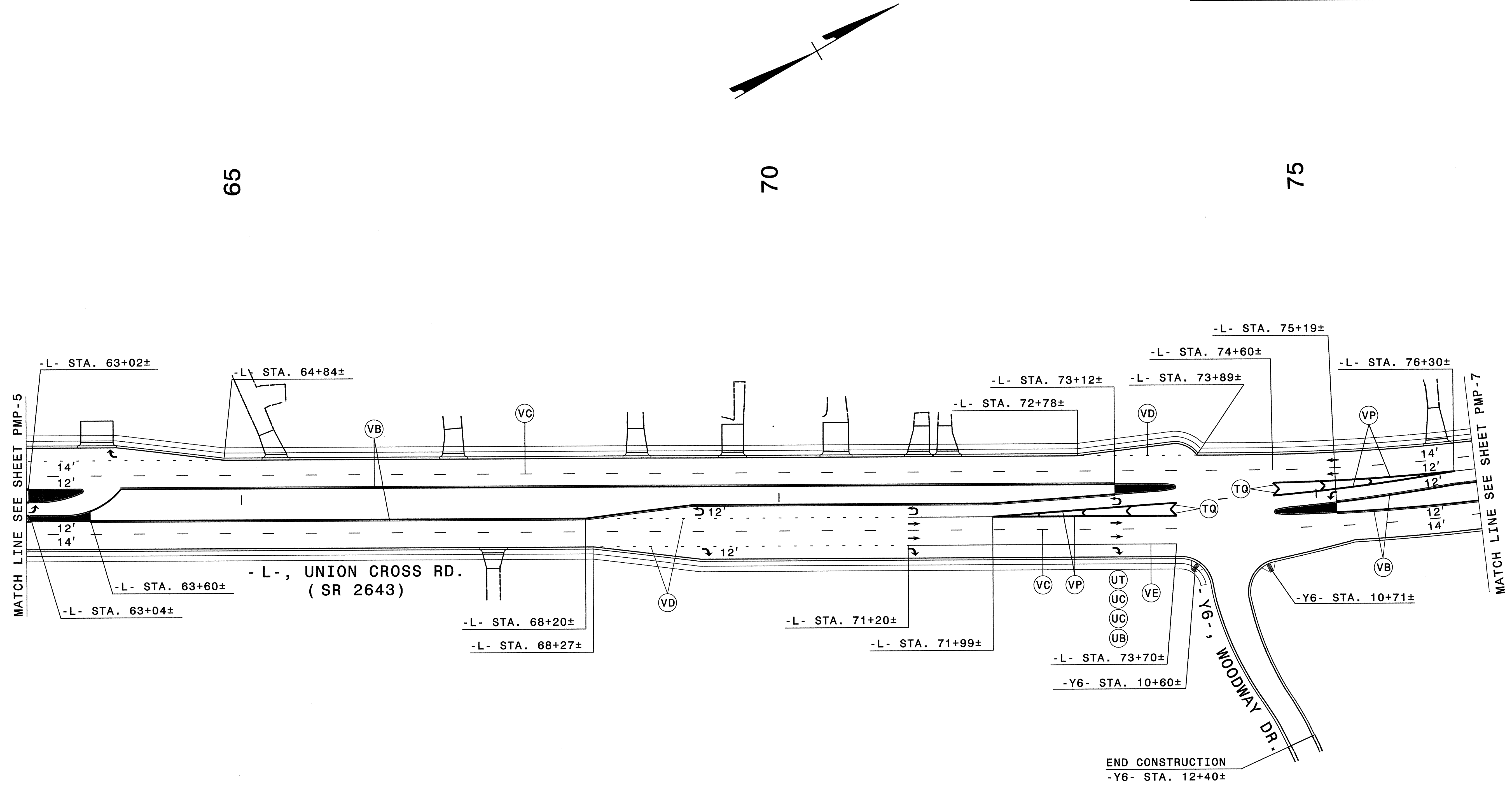
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REVISIONS


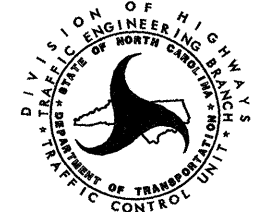
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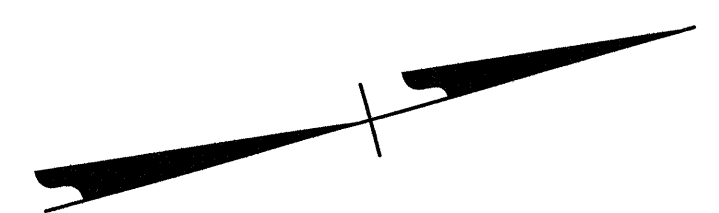


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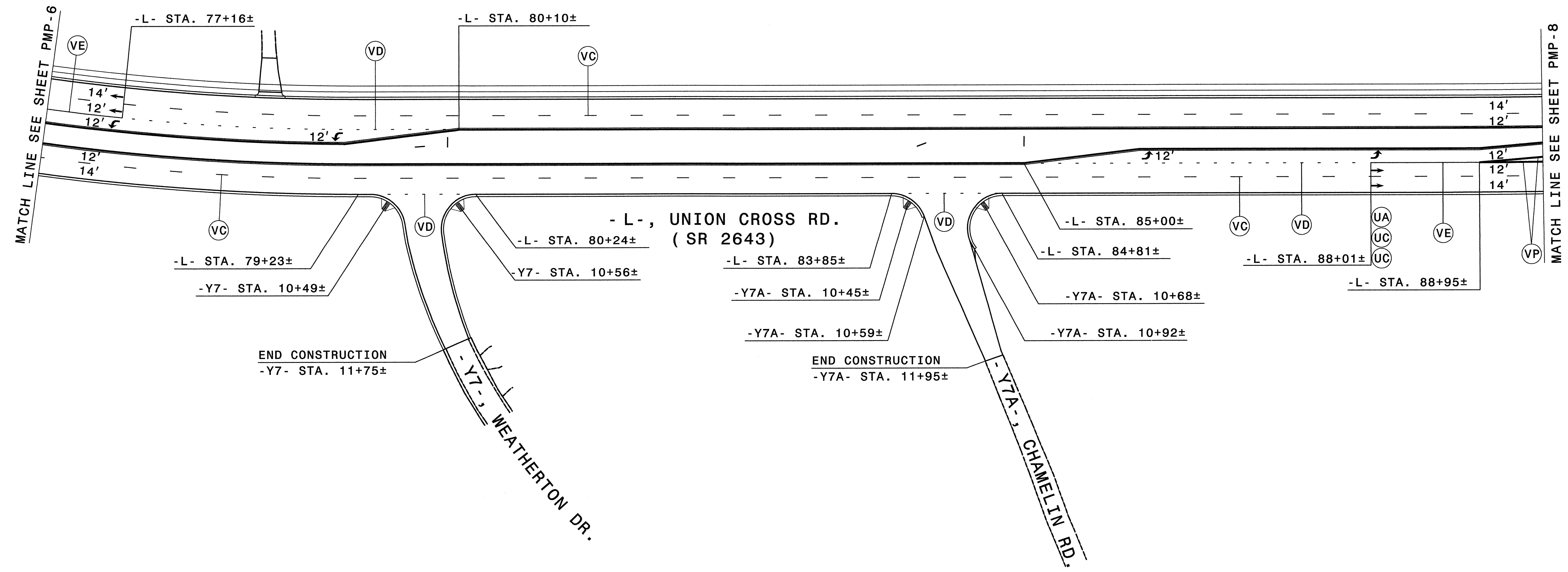
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NOTES:

- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
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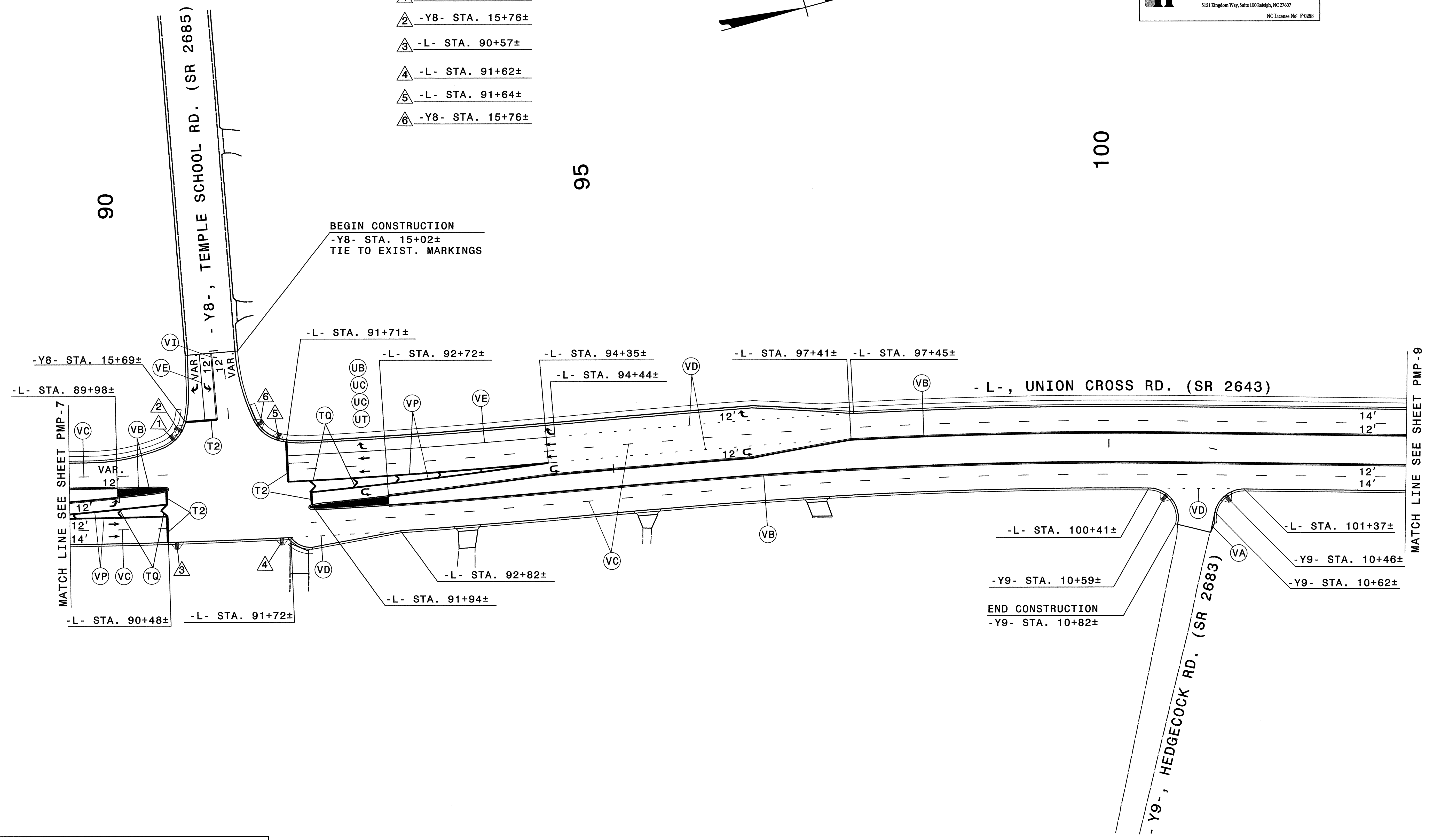
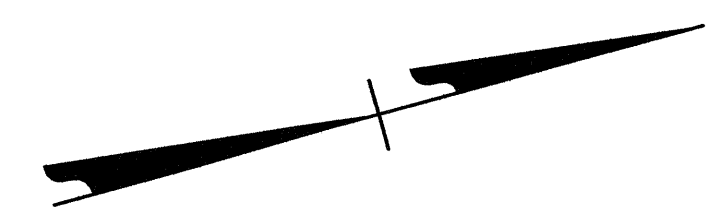
APPROVED: *Michael T. Klenka* DATE: 9-2-11

SEAL

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| REVIEWED BY: | MTR | | | |

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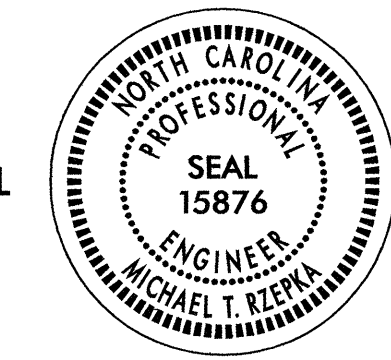
- ▲ -L- STA. 90+56±
- ▲ -Y8- STA. 15+76±
- ▲ -L- STA. 90+57±
- ▲ -L- STA. 91+62±
- ▲ -L- STA. 91+64±
- ▲ -Y8- STA. 15+76±



NOTES:

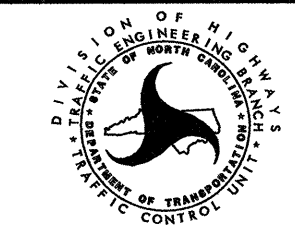
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
- PAVEMENT MARKINGS, SYMBOLS AND CHARACTERS ARE TO BE MARKED ACCORDING TO ROADWAY STANDARD DRAWINGS UNLESS OTHERWISE NOTED IN THE PLANS.
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APPROVED: *Michael T. Rzepka* DATE: 9-2-11



FINAL PAVEMENT MARKING PLAN

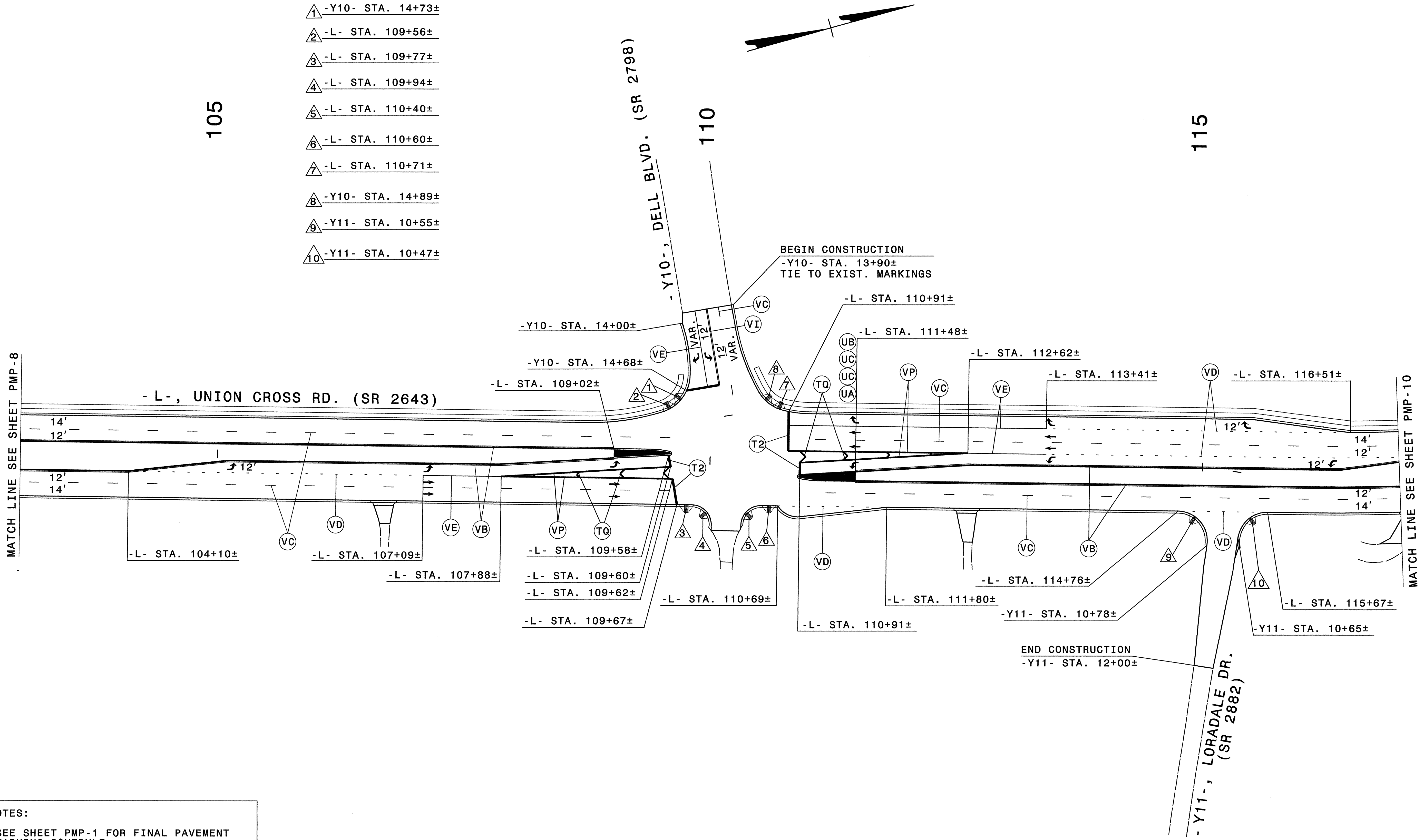
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- 1 -Y10- STA. 14+73±
- 2 -L- STA. 109+56±
- 3 -L- STA. 109+77±
- 4 -L- STA. 109+94±
- 5 -L- STA. 110+40±
- 6 -L- STA. 110+60±
- 7 -L- STA. 110+71±
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- 9 -Y11- STA. 10+55±
- 10 -Y11- STA. 10+47±



MATCH LINE SEE SHEET PMP-8

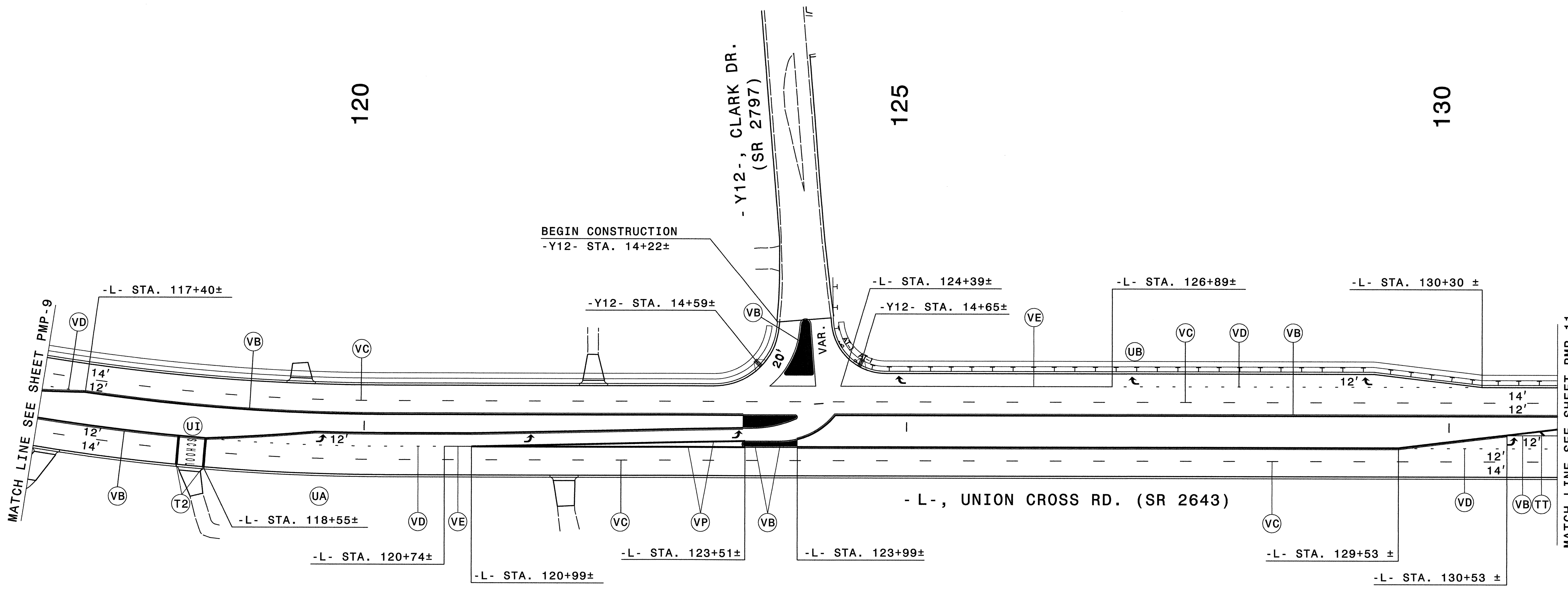
MATCH LINE SEE SHEET PMP-10

NOTES:

- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
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| APPROVED: <i>Michael T. Zepke</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | | | | | | | | |
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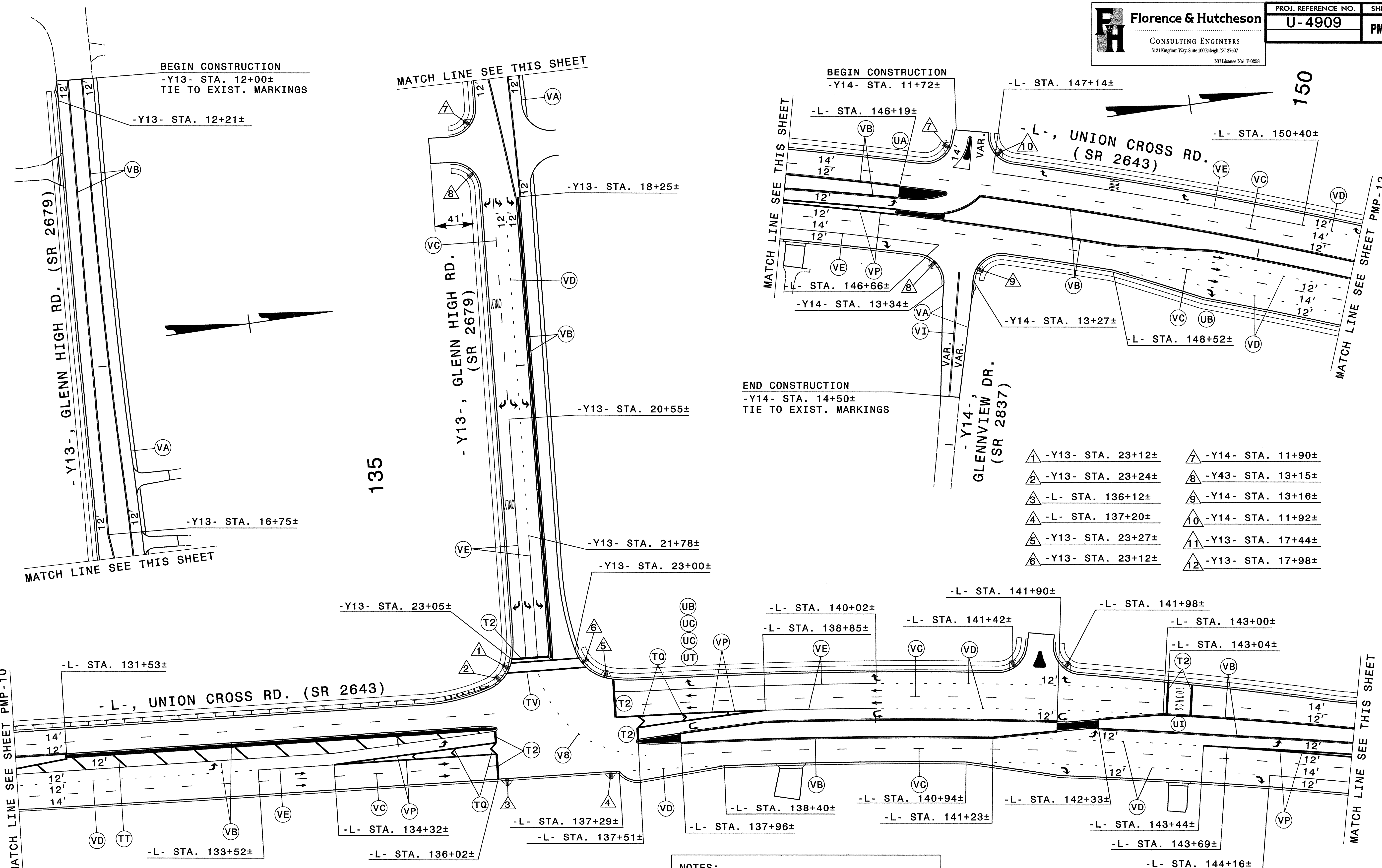


NOTES:

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- PAVEMENT MARKINGS, SYMBOLS AND CHARACTERS ARE TO BE MARKED ACCORDING TO ROADWAY STANDARD DRAWINGS UNLESS OTHERWISE NOTED IN THE PLANS.
- PAVEMENT MARKERS ARE TO BE SPACED ACCORDING TO THE ROADWAY STANDARD DRAWINGS.

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| APPROVED: <i>Michael T. Kizka</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | |
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| SCALE: NONE | | REVISIONS |
| DATE: SEPT '11 | | |
| DWG. BY: YTM | | |
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END CONSTRUCTION
-Y14- STA. 14+50±
TIE TO EXIST. MARKINGS

- | | |
|---------------------|----------------------|
| 1 -Y13- STA. 23+12± | 7 -Y14- STA. 11+90± |
| 2 -Y13- STA. 23+24± | 8 -Y43- STA. 13+15± |
| 3 -L- STA. 136+12± | 9 -Y14- STA. 13+16± |
| 4 -L- STA. 137+20± | 10 -Y14- STA. 11+92± |
| 5 -Y13- STA. 23+27± | 11 -Y13- STA. 17+44± |
| 6 -Y13- STA. 23+12± | 12 -Y13- STA. 17+98± |

NOTES:

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APPROVED: *Michael J. Ryzha* DATE: 9-2-11

SEAL

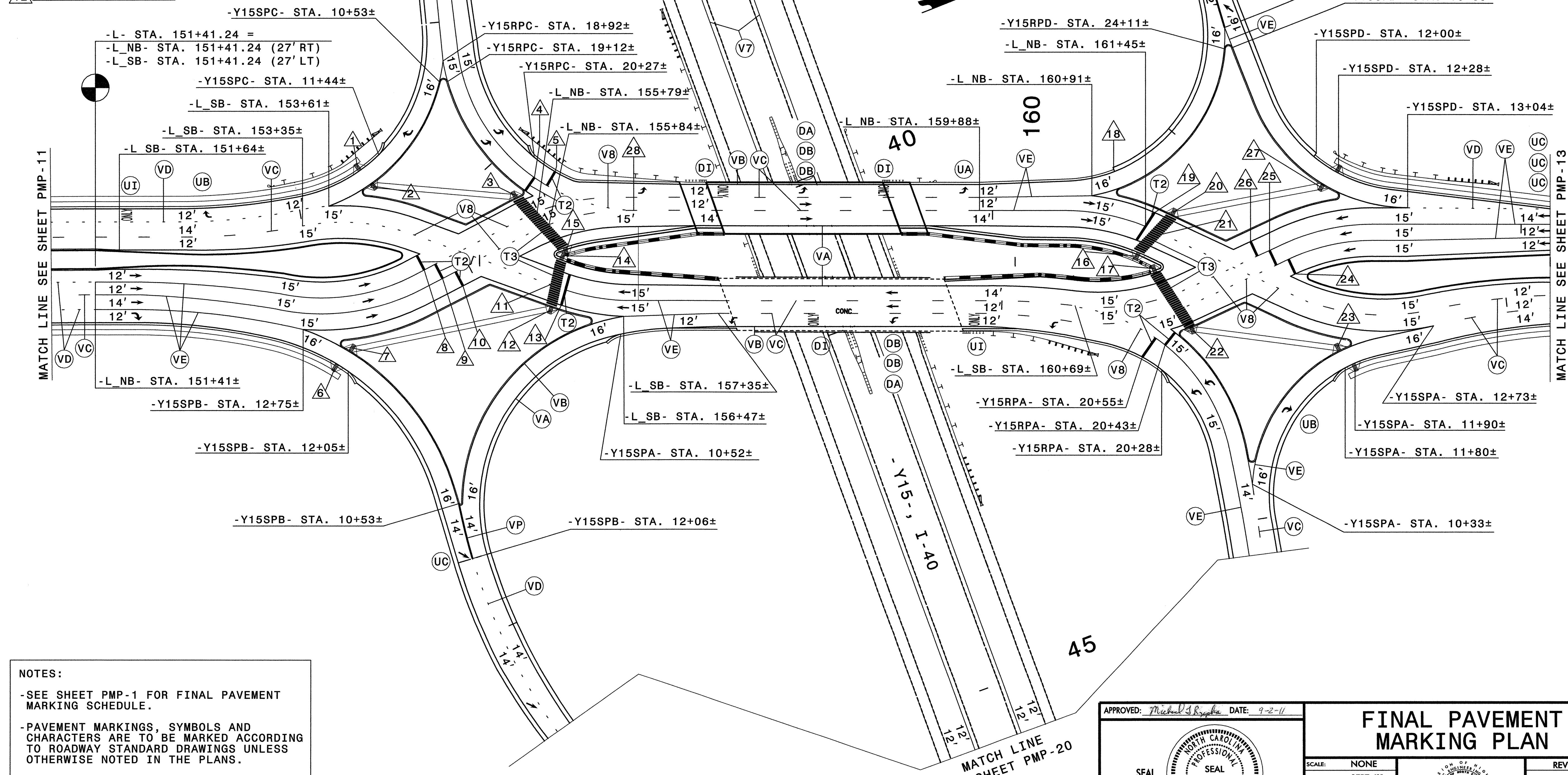
FINAL PAVEMENT MARKING PLAN

SCALE: NONE
DATE: SEPT '11
DWG. BY: YTM
DESIGN BY: GEP
REVIEWED BY: MTR

| REVISIONS |
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- 1 -Y15SPC- STA. 11+68±
- 2 -Y15SPC- STA. 11+66±
- 3 -Y15RPC- STA. 20+34±
- 4 -Y15RPC- STA. 20+40±
- 5 -Y15SPC- STA. 20+55±
- 6 -Y15SPB- STA. 12+32±
- 7 -Y15SPB- STA. 12+28±
- 8 -L_NB- STA. 154+61±
- 9 -L_NB- STA. 154+73±
- 10 -L_NB- STA. 154+87±
- 11 -L_SB- STA. 155+77±
- 12 -L_SB- STA. 155+85±
- 13 -L_SB- STA. 155+92±
- 14 -L_SB- STA. 155+78±
- 15 -L_NB- STA. 155+92±
- 16 -L_NB- STA. 161+49±
- 17 -L_SB- STA. 161+52±
- 18 -Y15RPD- STA. 25+68±
- 19 -L_NB- STA. 161+48±
- 20 -L_NB- STA. 161+63±
- 21 -L_NB- STA. 161+62±
- 22 -Y15RPA- STA. 20+32±
- 23 -Y15SPA- STA. 11+83±

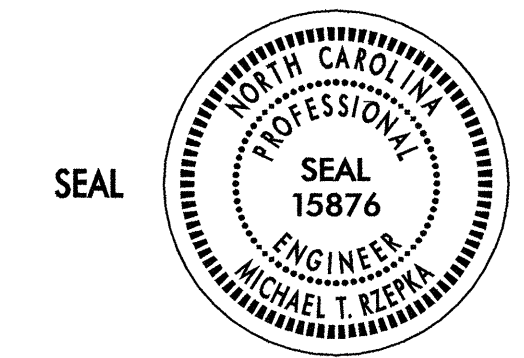
- 24 -L_SB- STA. 162+74±
- 25 -L_SB- STA. 162+61±
- 26 -L_SB- STA. 162+48±
- 27 -Y15SPD- STA. 12+23±
- 28 -L_NB- STA. 156+65±



NOTES:

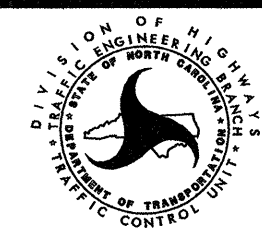
- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
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APPROVED: *Michael T. Rzepka* DATE: 9-2-11

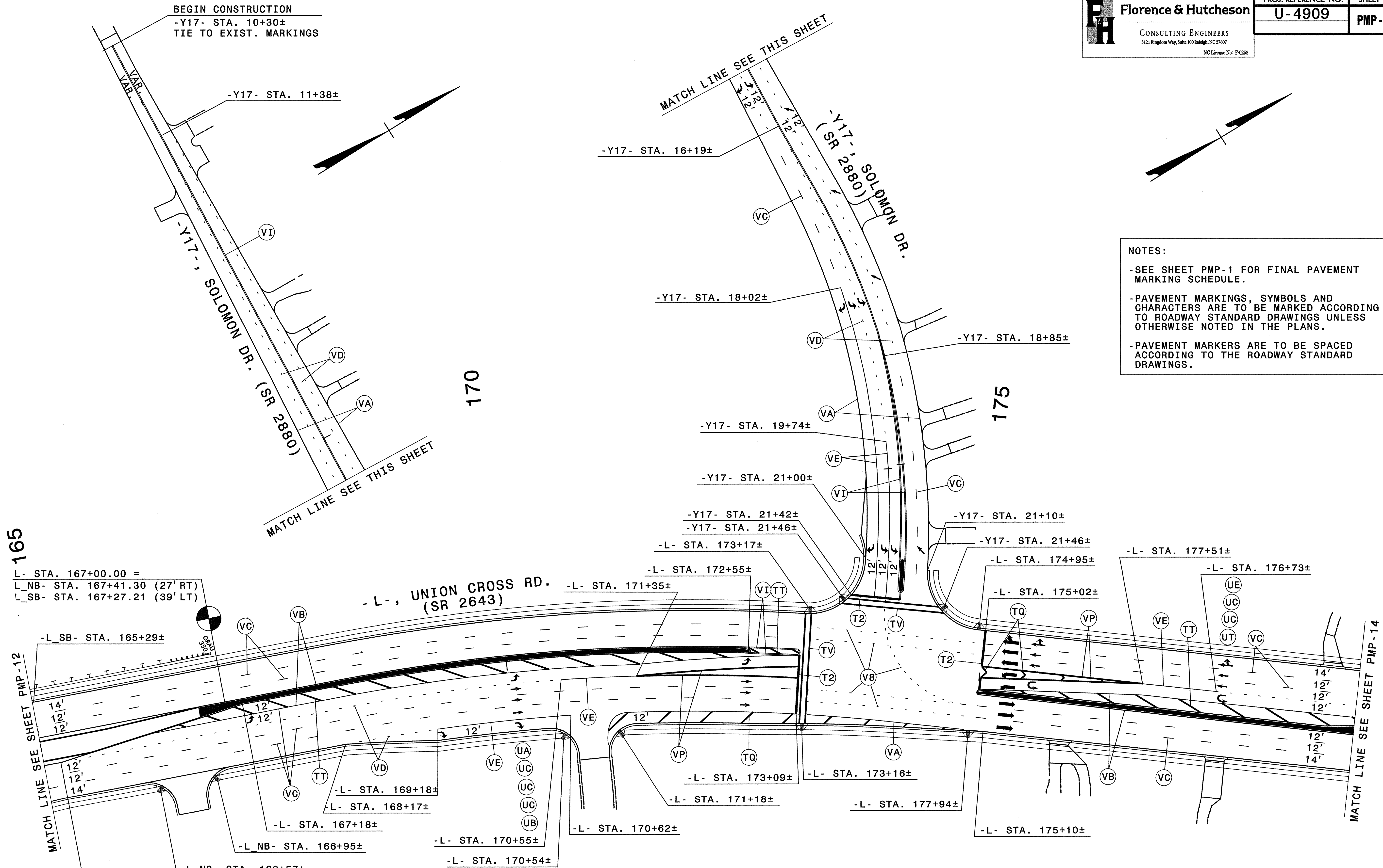


FINAL PAVEMENT MARKING PLAN

SCALE: NONE
 DATE: SEPT '11
 DWG. BY: YTM
 DESIGN BY: GEP
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NOTES:

- SEE SHEET PMP-1 FOR FINAL PAVEMENT MARKING SCHEDULE.
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165

L- STA. 167+00.00 =
 L_NB- STA. 167+41.30 (27' RT)
 L_SB- STA. 167+27.21 (39' LT)

APPROVED: *Michael T. Remy* DATE: 9-2-11

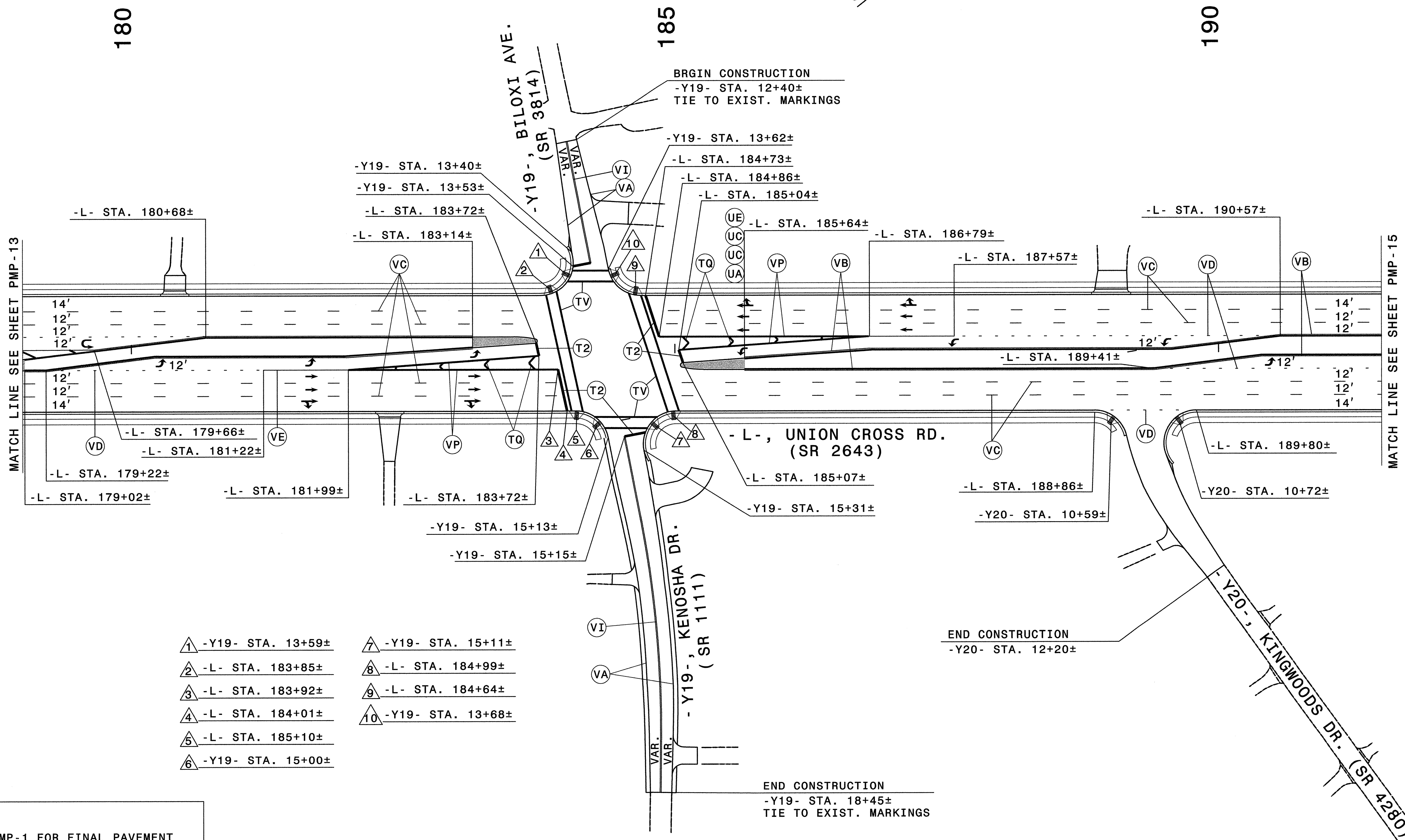
FINAL PAVEMENT MARKING PLAN

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| SCALE: NONE | | REVISIONS |
| DATE: SEPT '11 | | |
| DWG. BY: YTM | | |
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|---------------------|----------------------|
| 1 -Y19- STA. 13+59± | 7 -Y19- STA. 15+11± |
| 2 -L- STA. 183+85± | 8 -L- STA. 184+99± |
| 3 -L- STA. 183+92± | 9 -L- STA. 184+64± |
| 4 -L- STA. 184+01± | 10 -Y19- STA. 13+68± |
| 5 -L- STA. 185+10± | |
| 6 -Y19- STA. 15+00± | |

NOTES:

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END CONSTRUCTION
 -Y20- STA. 12+20±

END CONSTRUCTION
 -Y19- STA. 18+45±
 TIE TO EXIST. MARKINGS

APPROVED: *Michael J. Rippe* DATE: 9-2-11

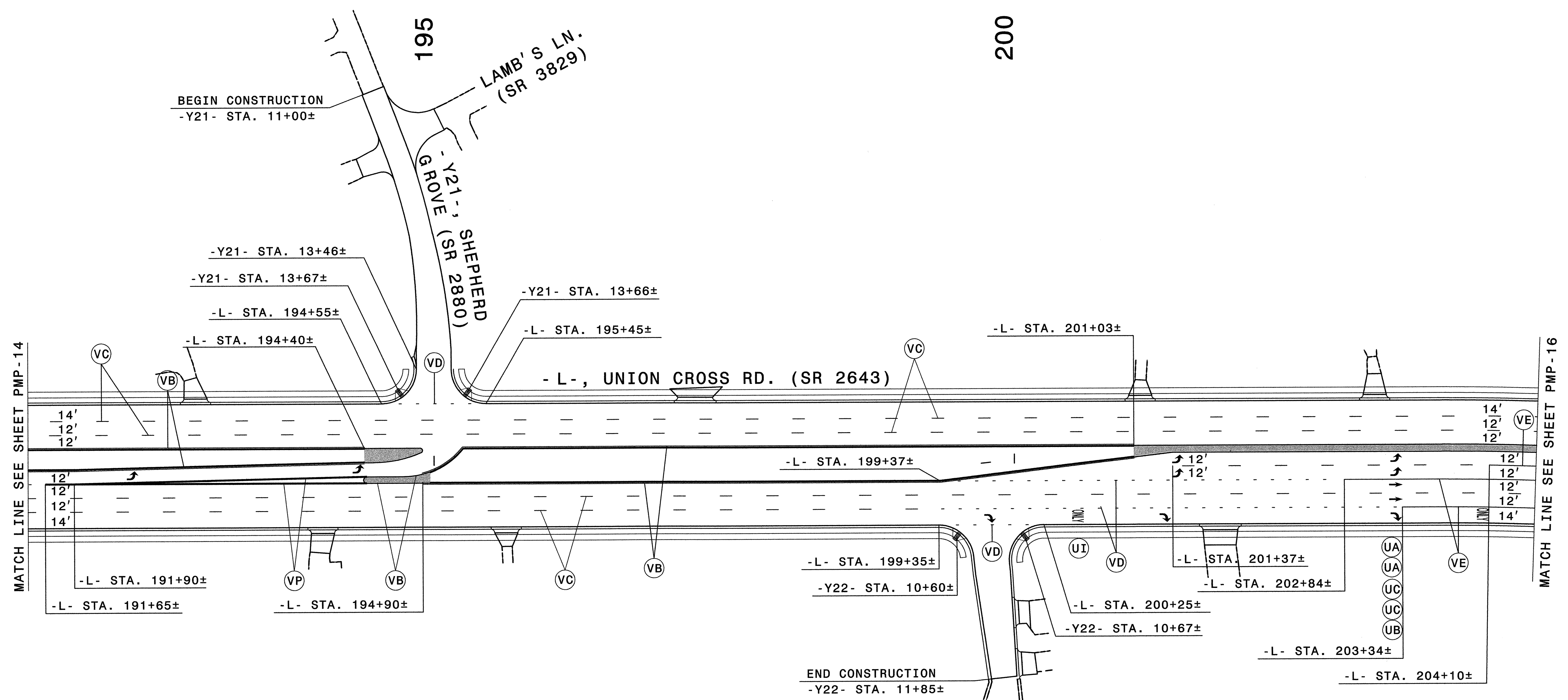
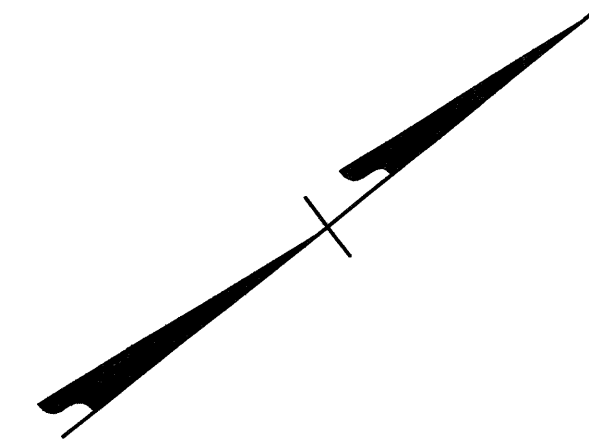
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FINAL PAVEMENT MARKING PLAN

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| SCALE: NONE | | REVISIONS |
| DATE: SEPT '11 | | |
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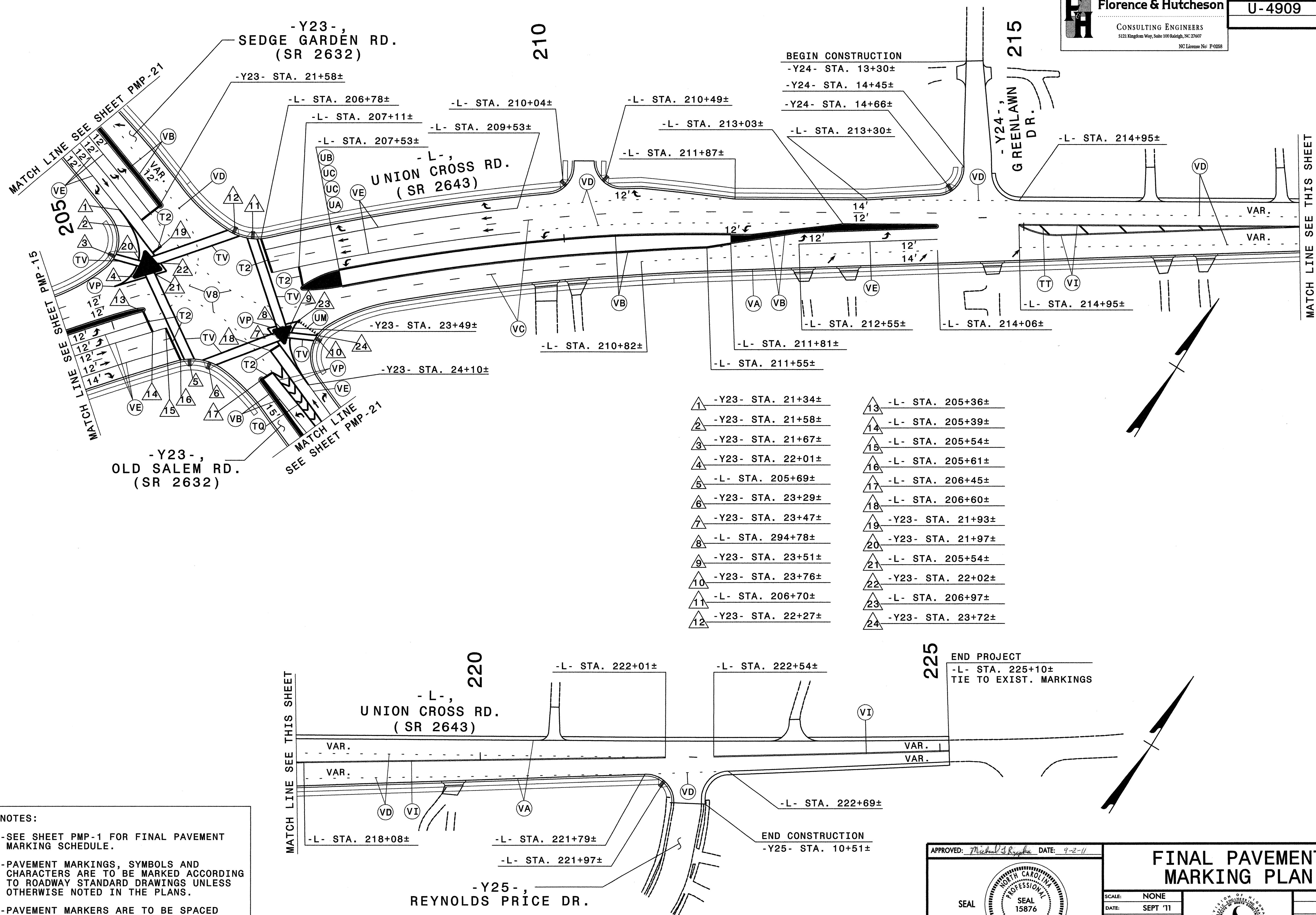


NOTES:

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| APPROVED: <i>Michael T. Ziemba</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | | |
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| | DATE: SEPT '11 | | |
| | DWG. BY: YTM | | REVISIONS |
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|----------------------|----------------------|
| 1 -Y23- STA. 21+34± | 13 -L- STA. 205+36± |
| 2 -Y23- STA. 21+58± | 14 -L- STA. 205+39± |
| 3 -Y23- STA. 21+67± | 15 -L- STA. 205+54± |
| 4 -Y23- STA. 22+01± | 16 -L- STA. 205+61± |
| 5 -L- STA. 205+69± | 17 -L- STA. 206+45± |
| 6 -Y23- STA. 23+29± | 18 -L- STA. 206+60± |
| 7 -Y23- STA. 23+47± | 19 -Y23- STA. 21+93± |
| 8 -L- STA. 294+78± | 20 -Y23- STA. 21+97± |
| 9 -Y23- STA. 23+51± | 21 -L- STA. 205+54± |
| 10 -Y23- STA. 23+76± | 22 -Y23- STA. 22+02± |
| 11 -L- STA. 206+70± | 23 -L- STA. 206+97± |
| 12 -Y23- STA. 22+27± | 24 -Y23- STA. 23+72± |

NOTES:

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END PROJECT
 -L- STA. 225+10±
 TIE TO EXIST. MARKINGS

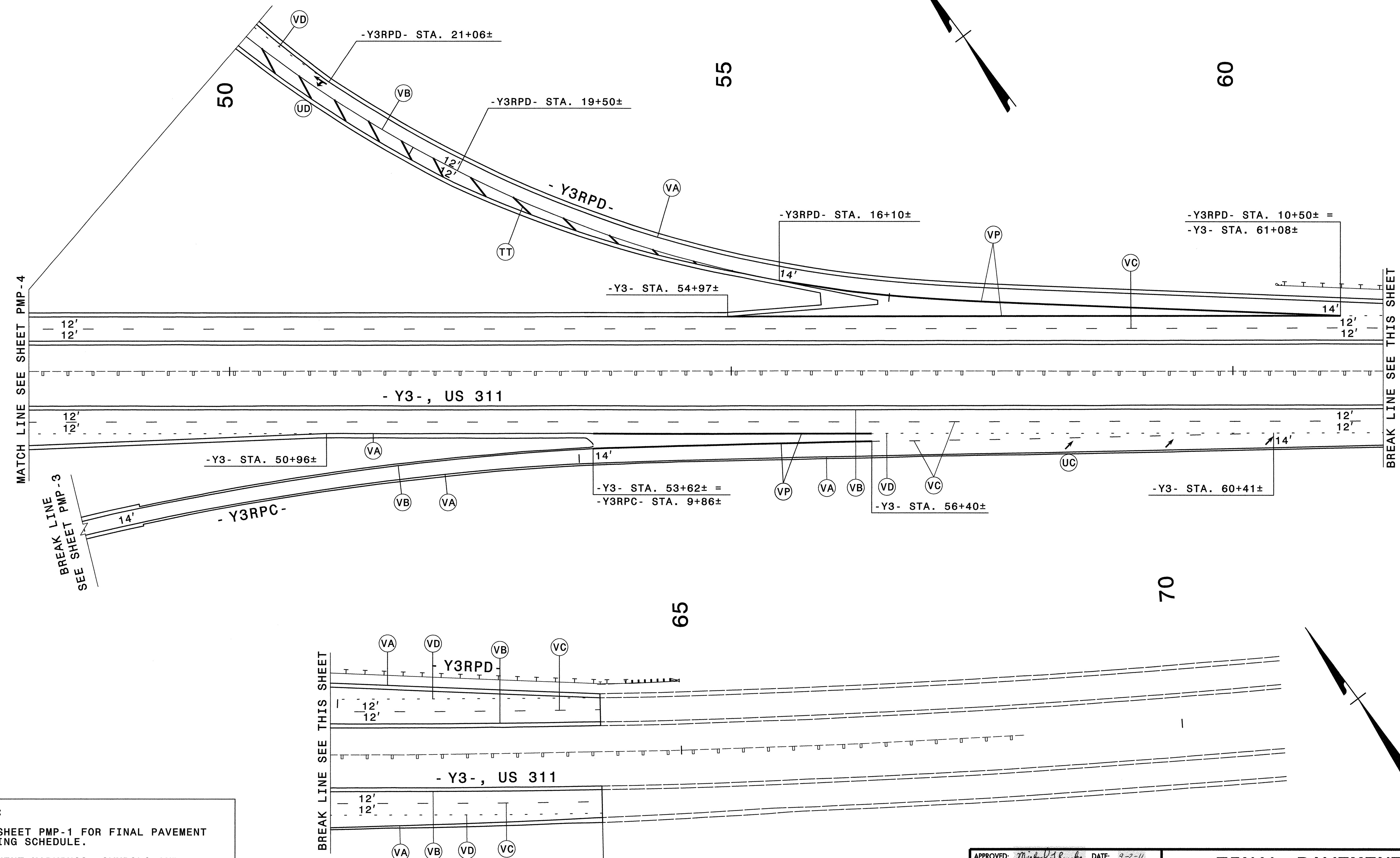
APPROVED: *Michael J. Ryznar* DATE: 9-2-11

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FINAL PAVEMENT MARKING PLAN

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MATCH LINE SEE SHEET PMP-4

BREAK LINE SEE THIS SHEET

BREAK LINE SEE SHEET PMP-3

BREAK LINE SEE THIS SHEET

NOTES:

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END CONSTRUCTION
 -Y3- STA. 64+20±
 TIE TO EXIST. MARKINGS

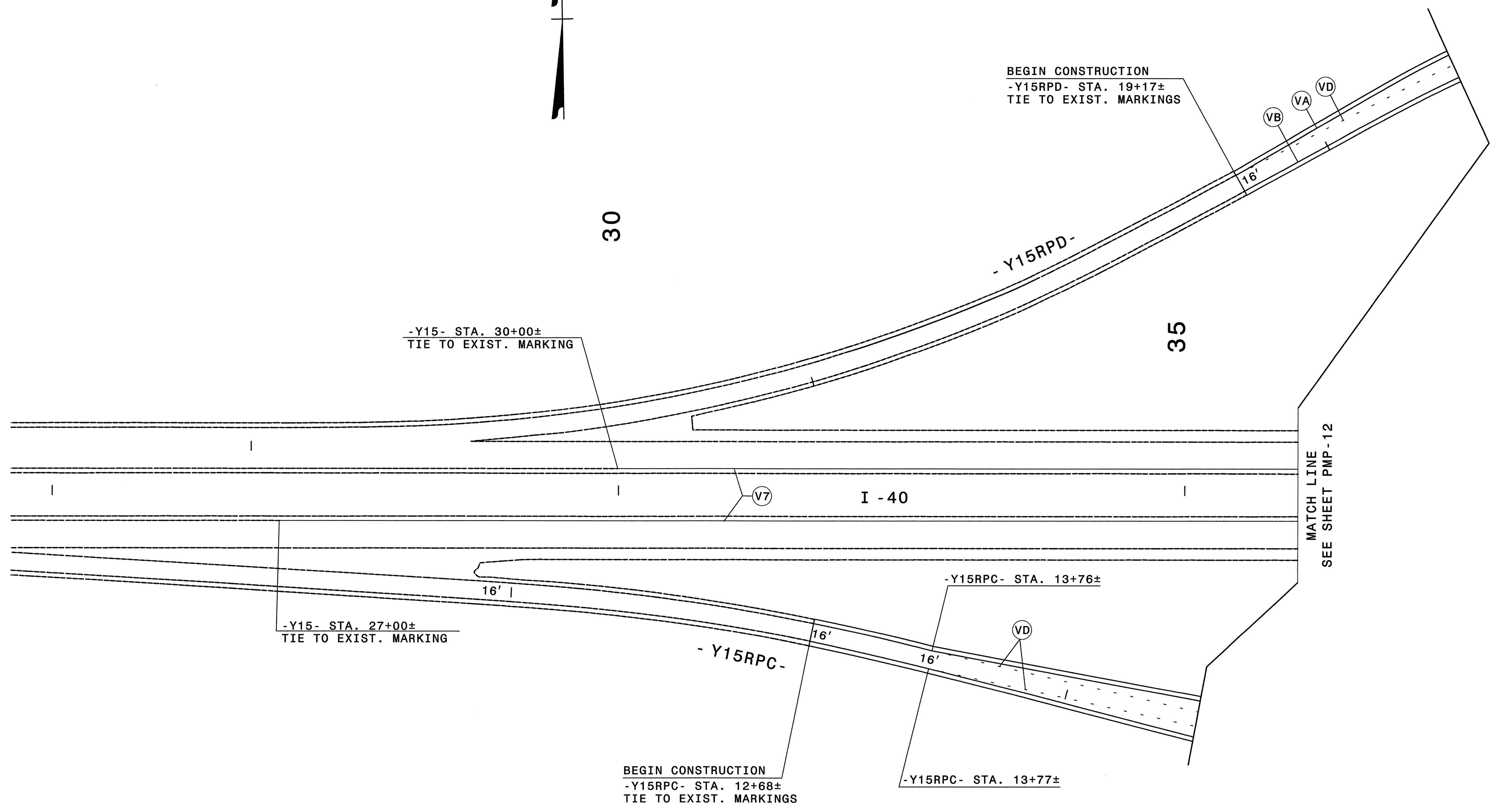
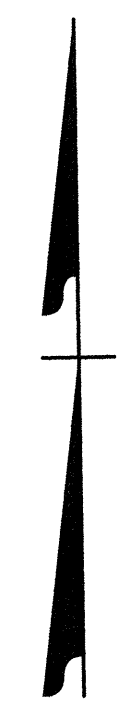
APPROVED: *Michael T. Repka* DATE: 9-2-11

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FINAL PAVEMENT MARKING PLAN

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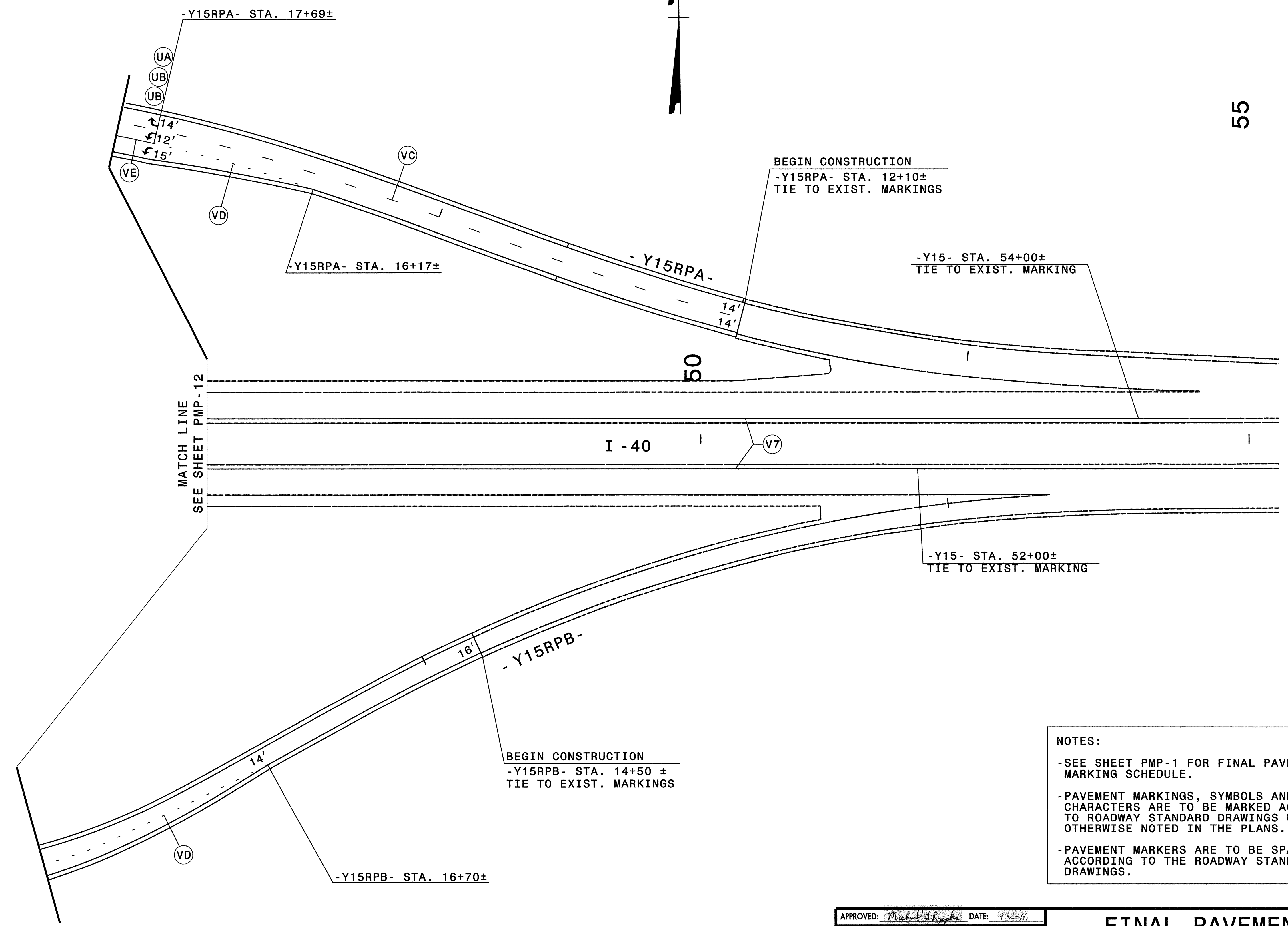


NOTES:

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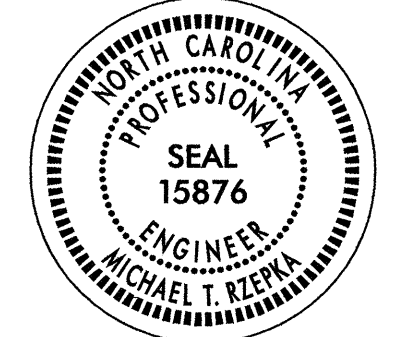
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| APPROVED: <i>Michael T. Keppel</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | |
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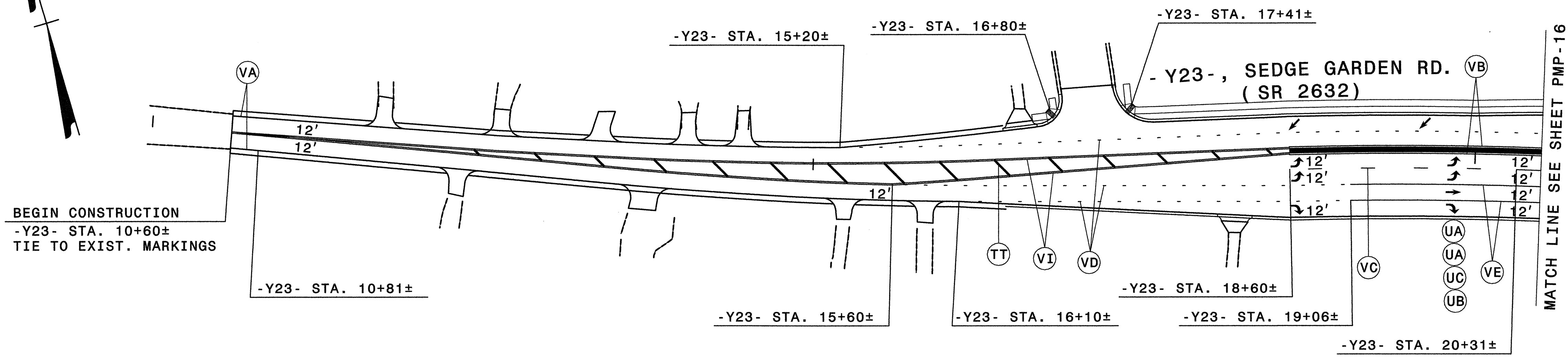
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NOTES:

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| APPROVED: <i>Michael T. Rzepka</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | | | | | | | | | |
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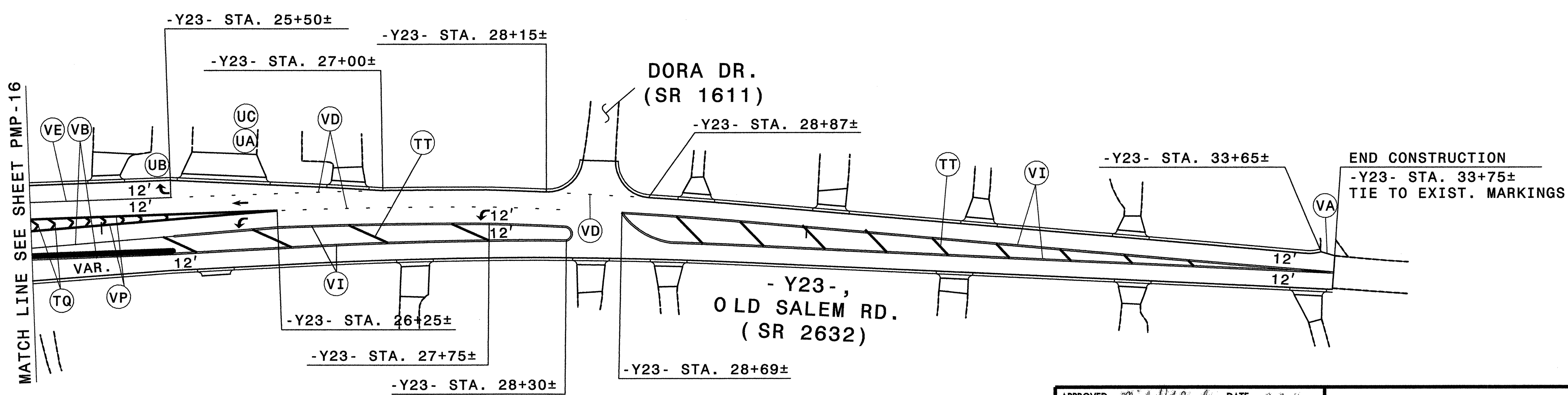


BEGIN CONSTRUCTION
 -Y23- STA. 10+60±
 TIE TO EXIST. MARKINGS

MATCH LINE SEE SHEET PMP-16

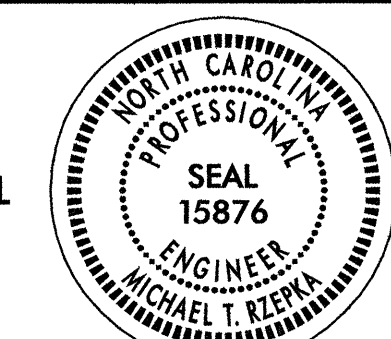
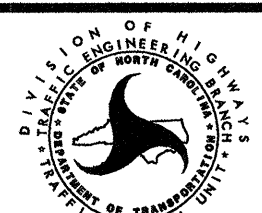
NOTES:

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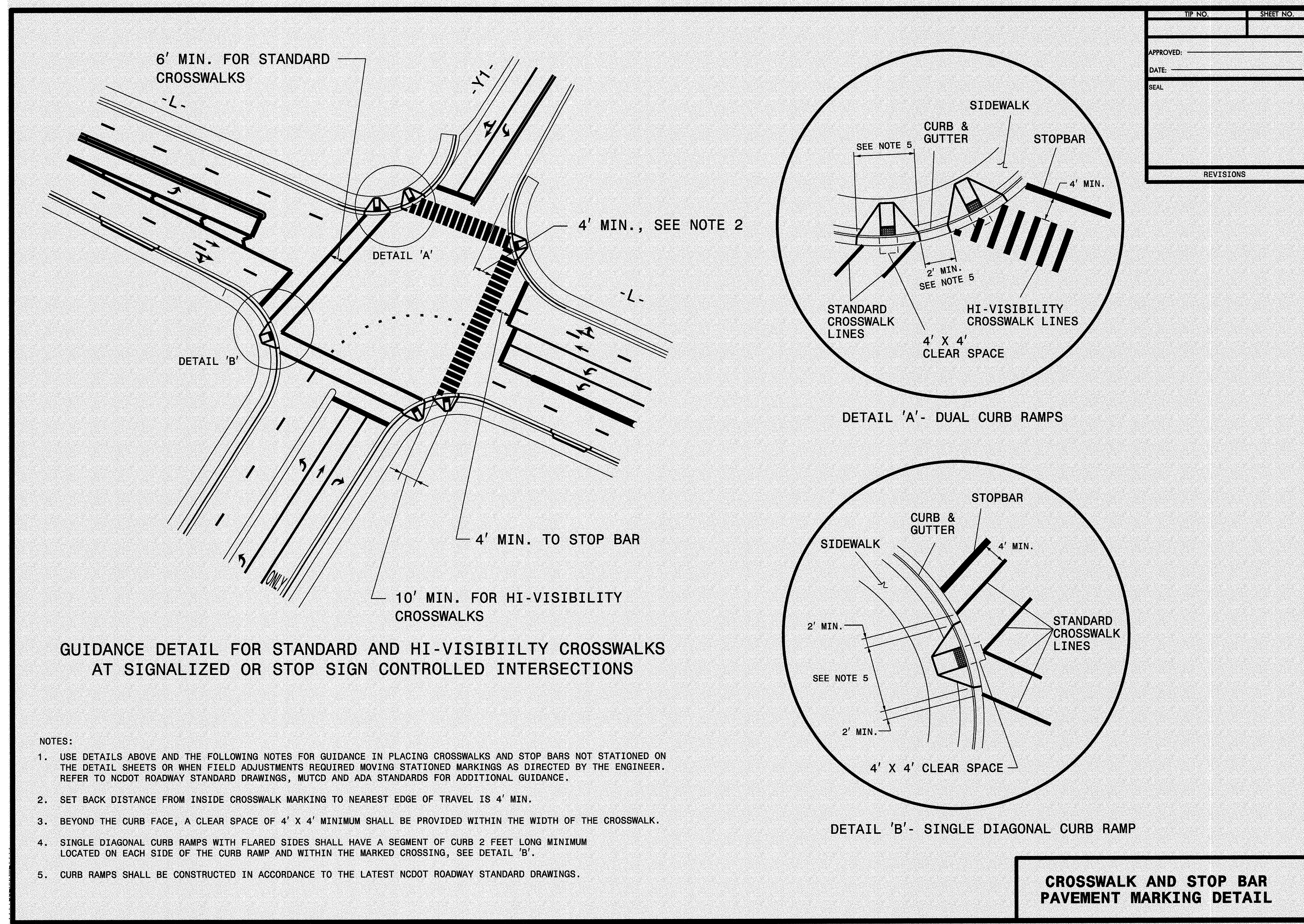


END CONSTRUCTION
 -Y23- STA. 33+75±
 TIE TO EXIST. MARKINGS

MATCH LINE SEE SHEET PMP-16

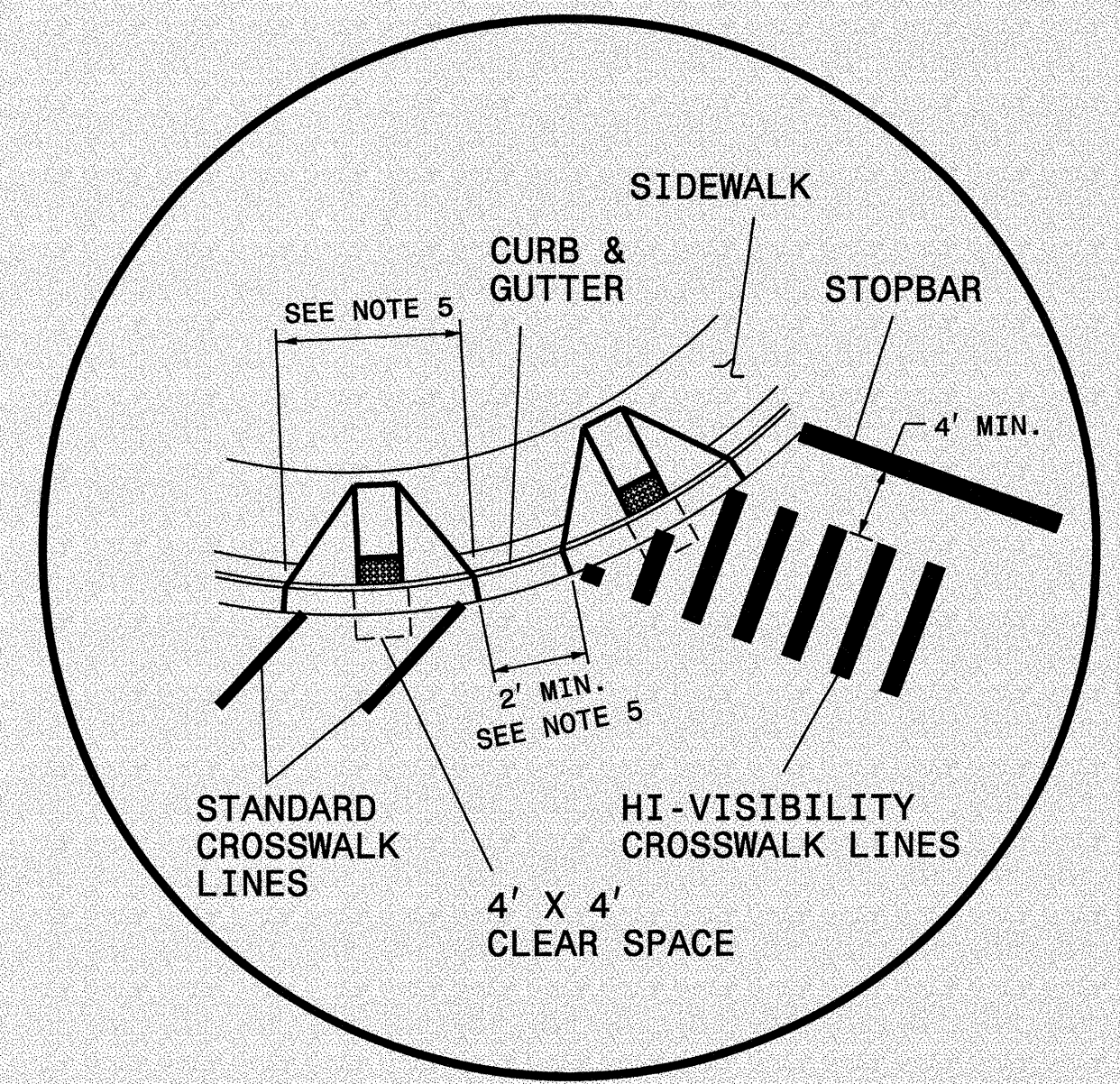
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| APPROVED: <i>Michael T. Repp</i> DATE: 9-2-11 | FINAL PAVEMENT MARKING PLAN | |
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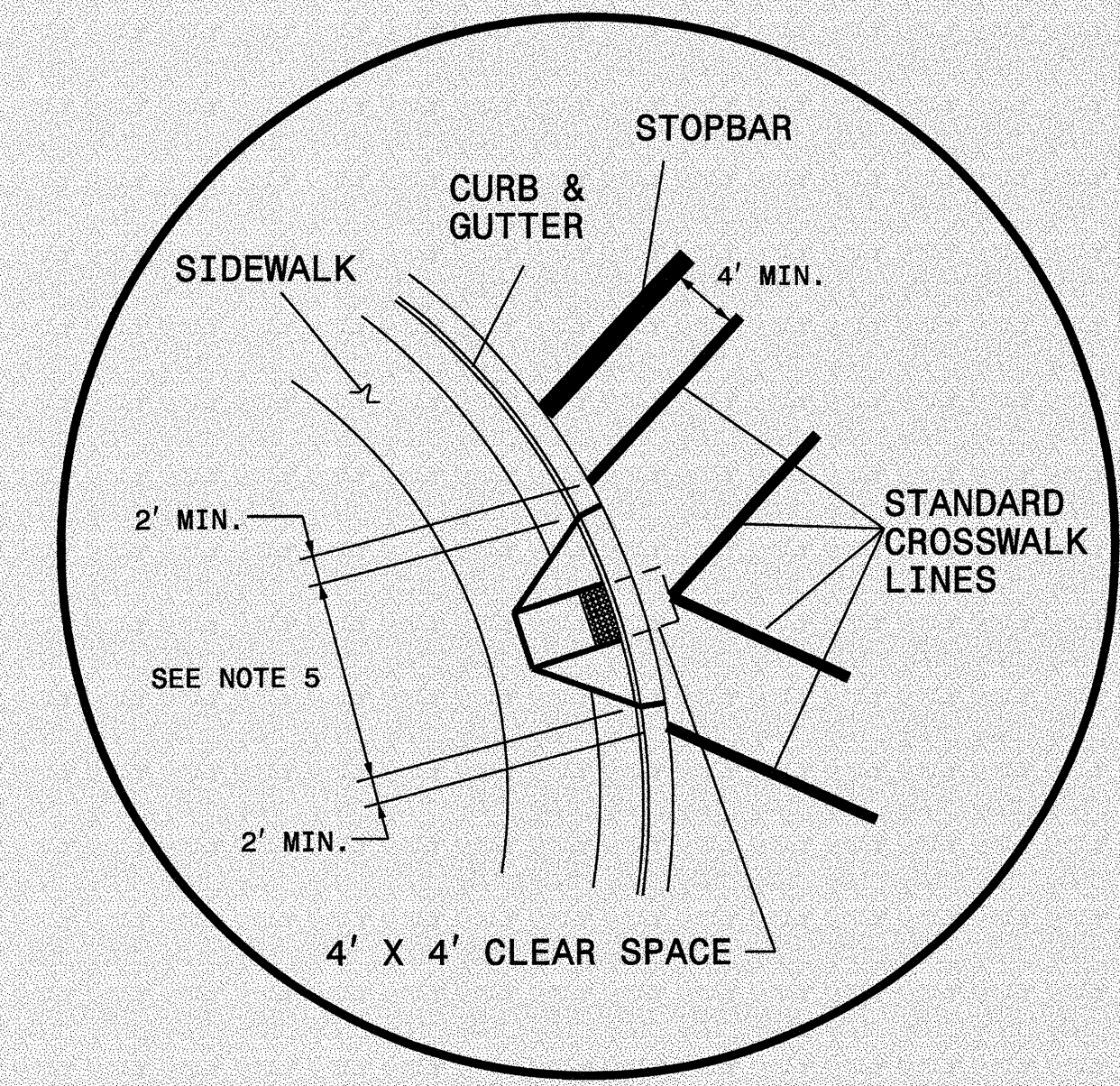


GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS

- NOTES:
- USE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALKS AND STOP BARS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
 - SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
 - BEYOND THE CURB FACE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
 - SINGLE DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 2 FEET LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING, SEE DETAIL 'B'.
 - CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.



DETAIL 'A' - DUAL CURB RAMPS

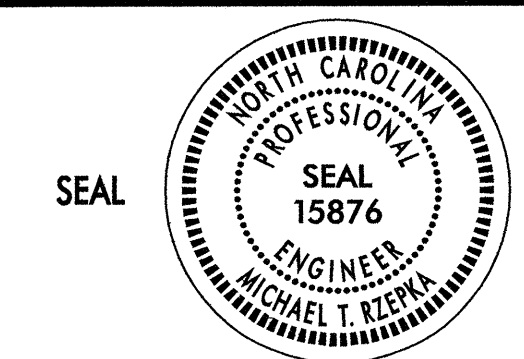


DETAIL 'B' - SINGLE DIAGONAL CURB RAMP

CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL

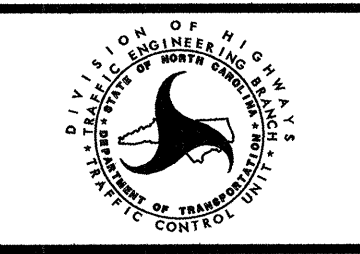
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| REVISIONS | |

APPROVED: *Michael J. Ryznar* DATE: 9-2-11



FINAL PAVEMENT MARKING PLAN

SCALE: NONE
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