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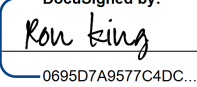

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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
ALLEGHANY COUNTY**

**LOCATION: SPARTA BYPASS FROM SR 1172 (GRANDVIEW DR.)  
TO US 21- NEW LOCATION**

TIP NO. R-4060	SHEET NO. PMP-1
APPROVED:  DATE: 4/4/2016	
SEAL 	
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**T.I.P.: R-4060**

**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
1205.04	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
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

**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	Polyurea w/Highly Reflective Elements	Snowplowable on US-21 All others match existing

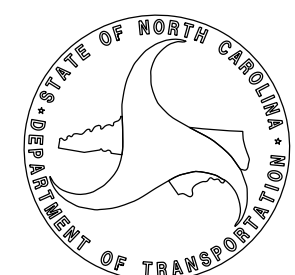
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- E) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- F) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- G) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- H) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
- I) 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.
- J) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.
- K) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD APPLIED PLASTIC. IF TYPE III COLD APPLIED PLASTIC IS USED, IT SHALL BE PAID FOR USING THE TYPE II COLD APPLIED PLASTIC PAY ITEM.

**INDEX**

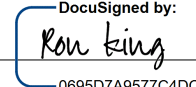

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3-5	PAVEMENT MARKING DETAILS

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

K. L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER  
J. G. MARTINEZ SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN



**CONTRACT:**

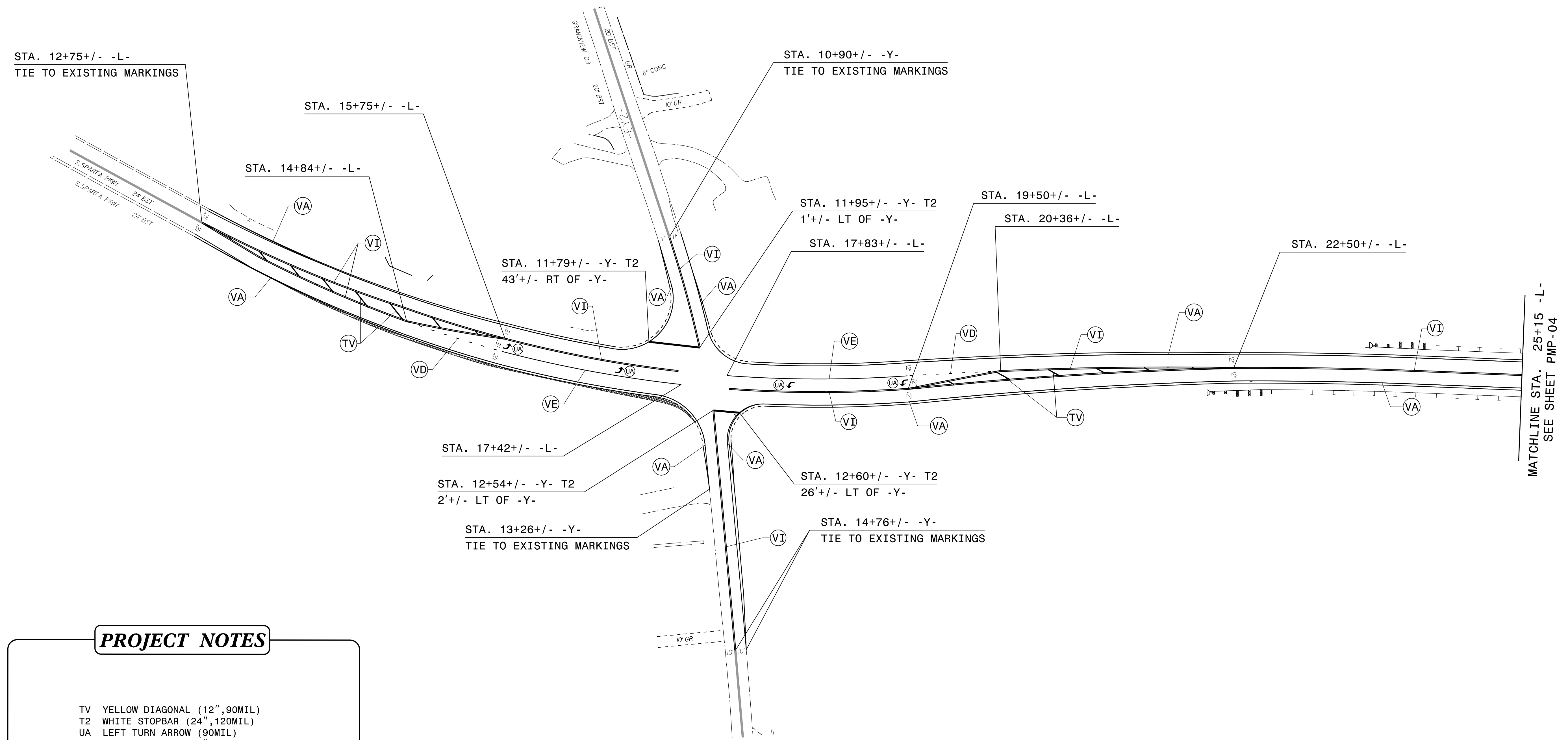
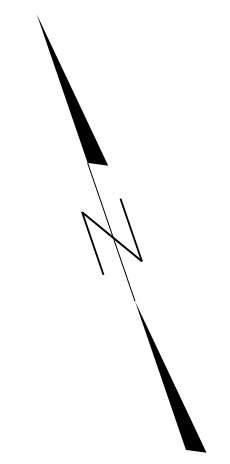
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**PAVEMENT  
MARKING SCHEDULE**

SYMBOL	DESCRIPTION	FINAL PAVEMENT MARKINGS
TV	YELLOW DIAGONAL	THERMOPLASTIC(12", 90 MILS)
T2	WHITE STOPBAR	THERMOPLASTIC(24", 120 MILS)
VA	WHITE EDGELINE	POLYUREA (4") Highly Reflective Elements
VD	3 FT. - 9 FT./SP WHITE MINISKIP	
VE	WHITE SOLID LANE LINE	
VI	YELLOW DOUBLE CENTER	
UA	LEFT TURN ARROW	THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS)
UB	RIGHT TURN ARROW	
		MARKERS
		SNOWPLOWABLE RAISED PAVEMENT MARKERS
ME	YELLOW & YELLOW	
MF	CRYSTAL & RED	

**PAVEMENT MARKING SCHEDULE**

01-APR-2016 14:24  
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lgmar@mez AT 1E274401



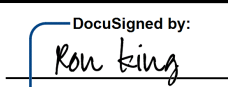

**PROJECT NOTES**

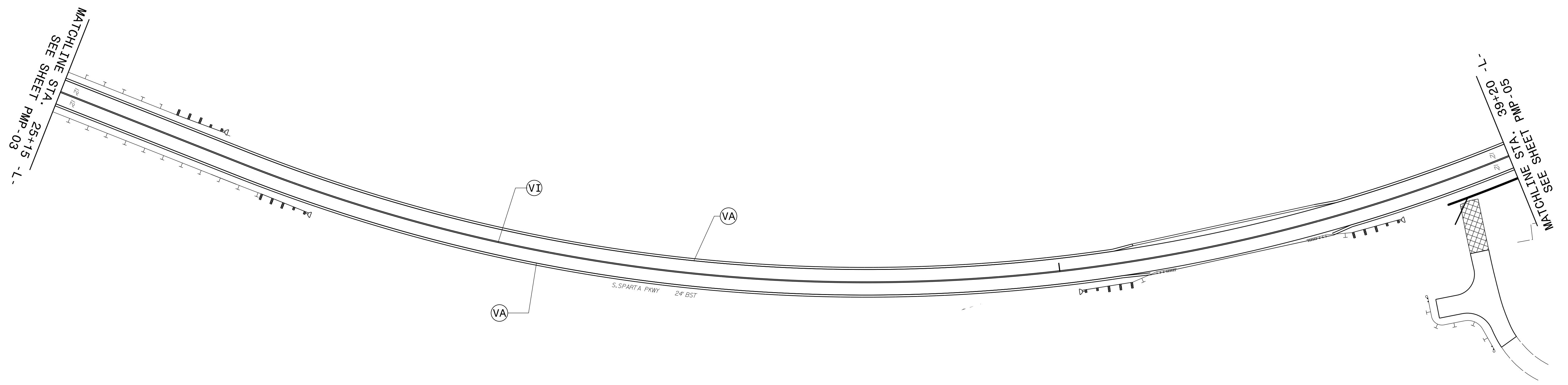
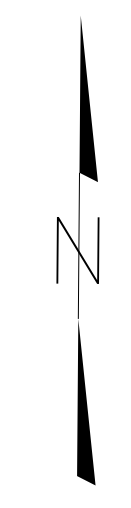
- TV YELLOW DIAGONAL (12", 90MIL)
- T2 WHITE STOPBAR (24", 120MIL)
- UA LEFT TURN ARROW (90MIL)
- VA WHITE EDGE LINE (4")
- VD 3FT.-9FT./SP WHITE MINISKIP (4")
- VE WHITE SOLID LANE LINE (4")
- VI YELLOW DOUBLE CENTER (4")

**PAVEMENT MARKING DETAIL**

01-APR-2016 14:26  
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 jgmer-tneez AT 1E274401



TIP NO.	SHEET NO.
R-4060	PMP-4
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DATE: 4/4/2016	
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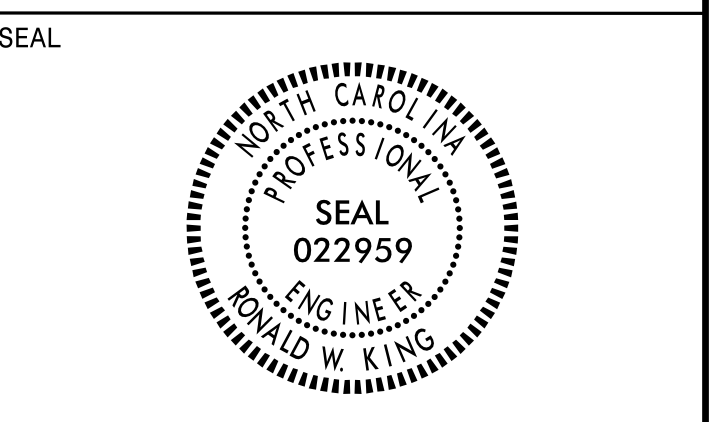
**PROJECT NOTES**

- VA WHITE EDGE LINE (4")
- VI YELLOW DOUBLE CENTER (4")

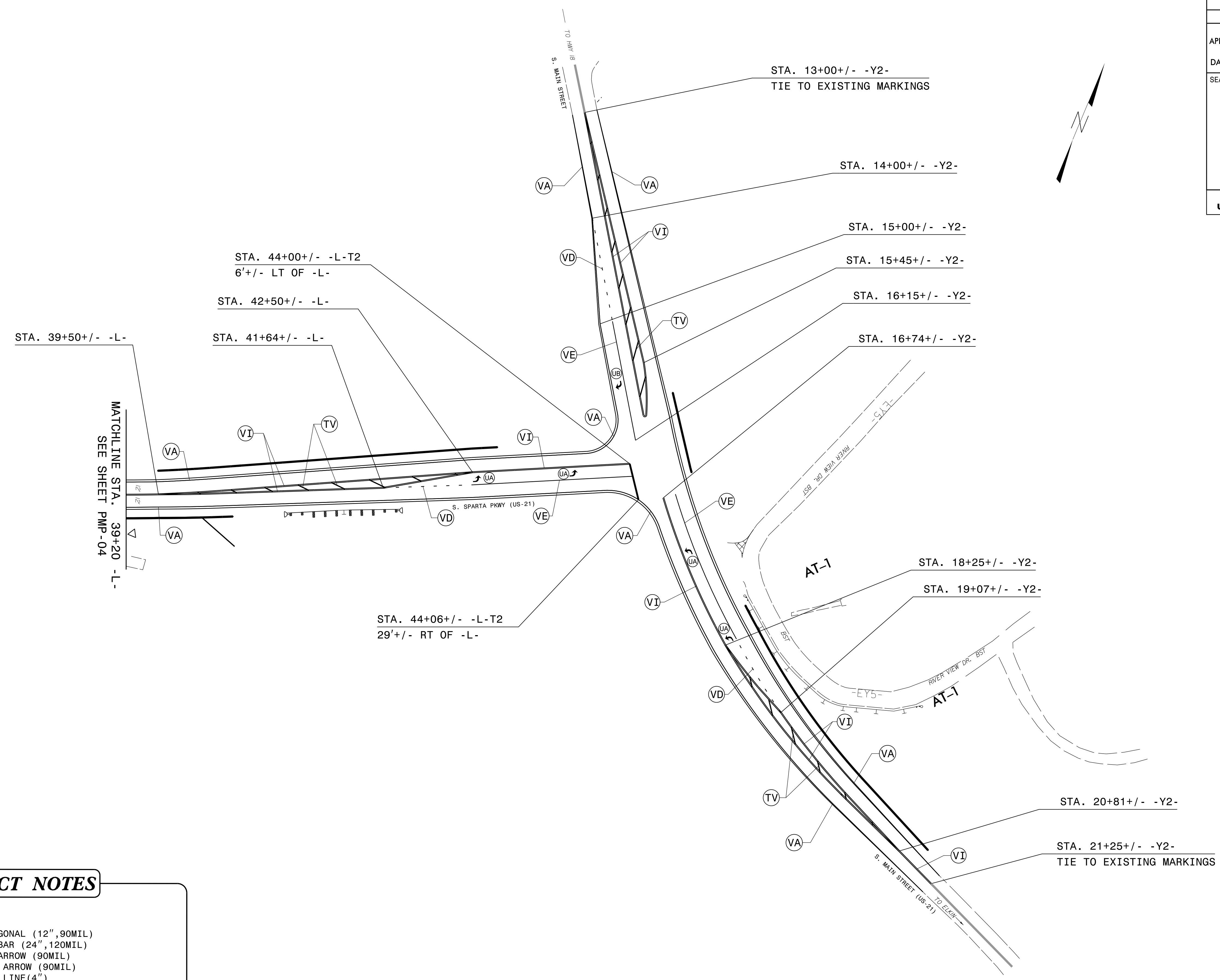
**PAVEMENT MARKING DETAIL**

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 jgmer-tinez AT 1E274401

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 Ronald W. King  
 099607A867C4DC...  
 DATE: 4/4/2016



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**PROJECT NOTES**

- TV YELLOW DIAGONAL (12",90MIL)
- T2 WHITE STOPBAR (24",120MIL)
- UA LEFT TURN ARROW (90MIL)
- UB RIGHT TURN ARROW (90MIL)
- VA WHITE EDGE LINE(4")
- VD 3FT.-9FT./SP WHITE MINISKIP (4")
- VE WHITE SOLID LANE LINE (4")
- VI YELLOW DOUBLE CENTER (4")

**PAVEMENT MARKING DETAIL**

01-APR-2016 10:02  
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