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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
CUMBERLAND COUNTY**

**LOCATION: BRIDGE NO. 22 OVER I-95 BUSINESS /US 301 ON NC 59**

<small>TIP NO.</small> B-4491	<small>SHEET NO.</small> PMP-1
<small>APPROVED:</small> <i>Ayman Alqudwah</i> <small>11/15/2017</small>	
<small>DATE:</small> 11/15/2017	
	
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**T.I.P.: B-4491**

**CONTRACT: 204076**

**B-4491 FINAL PAVEMENT  
MARKING SCHEDULE**

SYMBOL	DESCRIPTION
	<u>THERMOPLASTIC (24", 120 MILS)</u>
T2	WHITE STOPBAR
	<u>THERMOPLASTIC (4", 90 MILS)</u>
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
	<u>THERMOPLASTIC (4", 120 MILS)</u>
T8	2 FT. - 6 FT./SP WHITE MINSKIP
T9	2 FT. - 6 FT./SP YELLOW MINSKIP
TC	10 FT. WHITE SKIP
TD	3 FT. - 9 FT./SP WHITE MINSKIP
TE	WHITE SOLD LANE LINE
TI	YELLOW BOUBLE CENTER
	<u>THERMOPLASTIC (6", 90 MILS)</u>
T6	WHITE EDGELINE
T7	YELLOW EDGELINE
	<u>THERMOPLASTIC (6", 120 MILS)</u>
TJ	10 FT. WHITE SKIP
TK	3 FT. - 9 FT./SP WHITE MINSKIP
TL	WHITE SOLD LANE LINE
	<u>THERMOPLASTIC (8", 90 MILS)</u>
TN	WHITE GORELINE
TO	WHITE DIAGONAL
TP	YELLOW DIAGONAL
	<u>THERMOPLASTIC (8", 120 MILS)</u>
TR	WHITE SOLD LANE LINE
T13	3 FT. - 9 FT./SP WHITE MINSKIP
	<u>THERMOPLASTIC (12", 90 MILS)</u>
TS	WHITE GORELINE
	<u>COLD APPLIED PLASTIC (4")</u>
CA	WHITE EDGELINE
CB	YELLOW EDGELINE
CC	10 FT. WHITE SKIP
CD	3 FT. - 9 FT./SP WHITE MINSKIP
	<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UD	COMBO LEFT/STRAIGHT ARROW
UE	COMBO RIGHT/STRAIGHT ARROW
UF	COMBO LEFT/RIGHT ARROW
UG	COMBO LEFT/RIGHT/STRAIGHT ARROW
UP	MERGE ARROW
UQ	RAMP ARROW SYMBOL
UT	U-TURN ARROW
UZ	WRONG WAY RAMP ARROW
	<u>THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)</u>
UI	ALPHANUMERIC CHARACTER

**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 2018 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
1205.08	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
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

**(MARKERS)**

PERMANENT RAISED PAVEMENT MARKERS

MA	YELLOW & YELLOW
MB	CRYSTAL & RED

**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- (NC 59)  | THERMOPLASTIC                            | PERMANENT RAISED MARKER |
| -Y- LINES    | THERMOPLASTIC                            | PERMANENT RAISED MARKER |
| BRIDGE DECKS | COLD APPLIED PLASTIC<br>(TYPE II OR III) | PERMANENT RAISED MARKER |
- 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 COLD APPLIED PLASTIC 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.
- H) 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.
- I) 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.

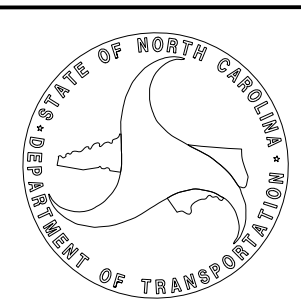
**INDEX**

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-4	PAVEMENT MARKING DETAIL

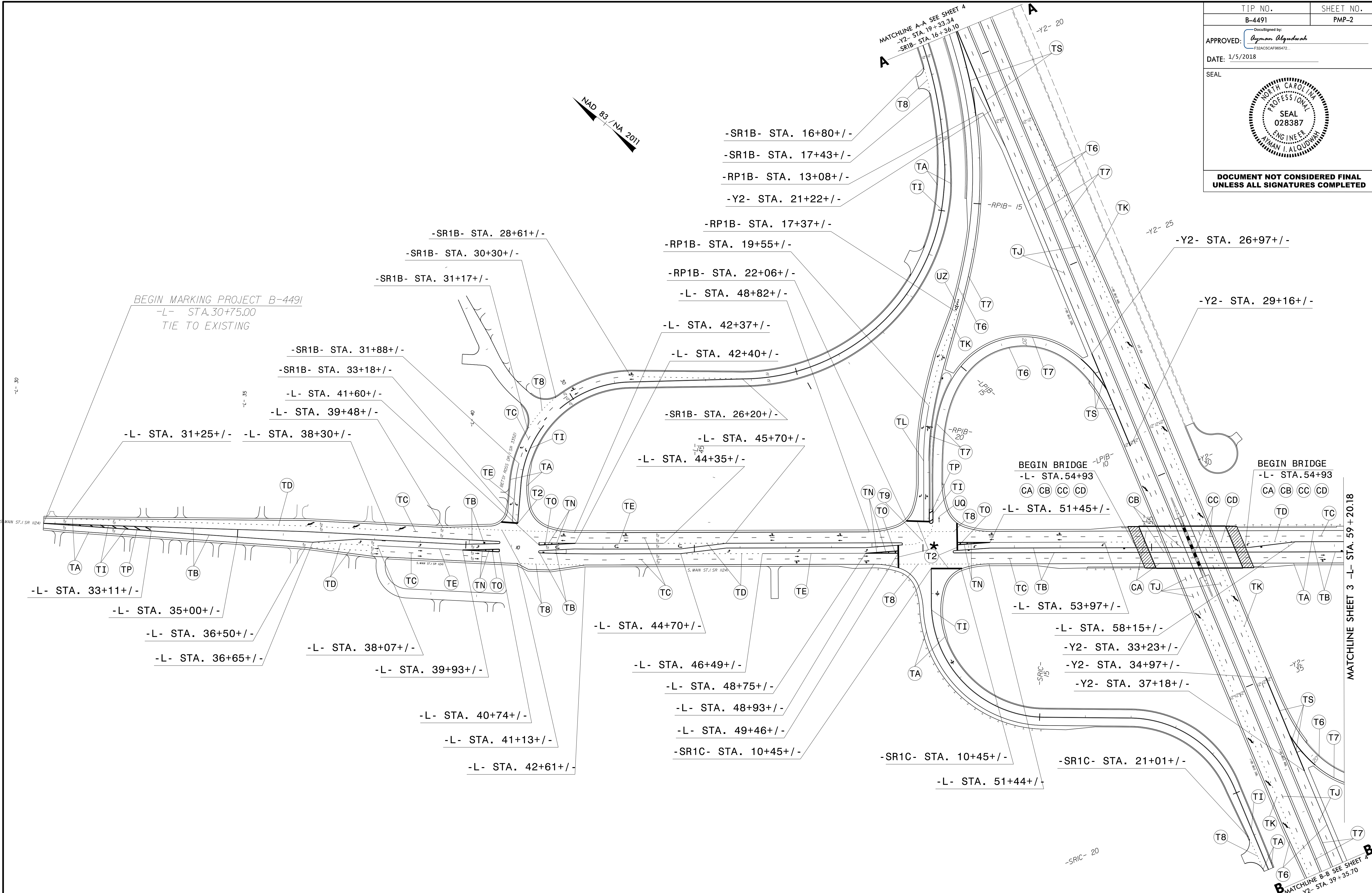
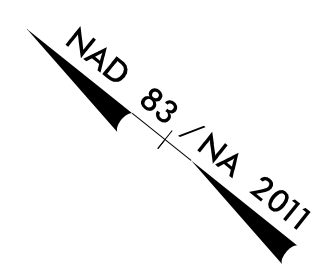
PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

AYMAN ALQUDWAH, PE, CPM SIGNING & DELINEATION REGIONAL ENGINEER

ERIC E WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



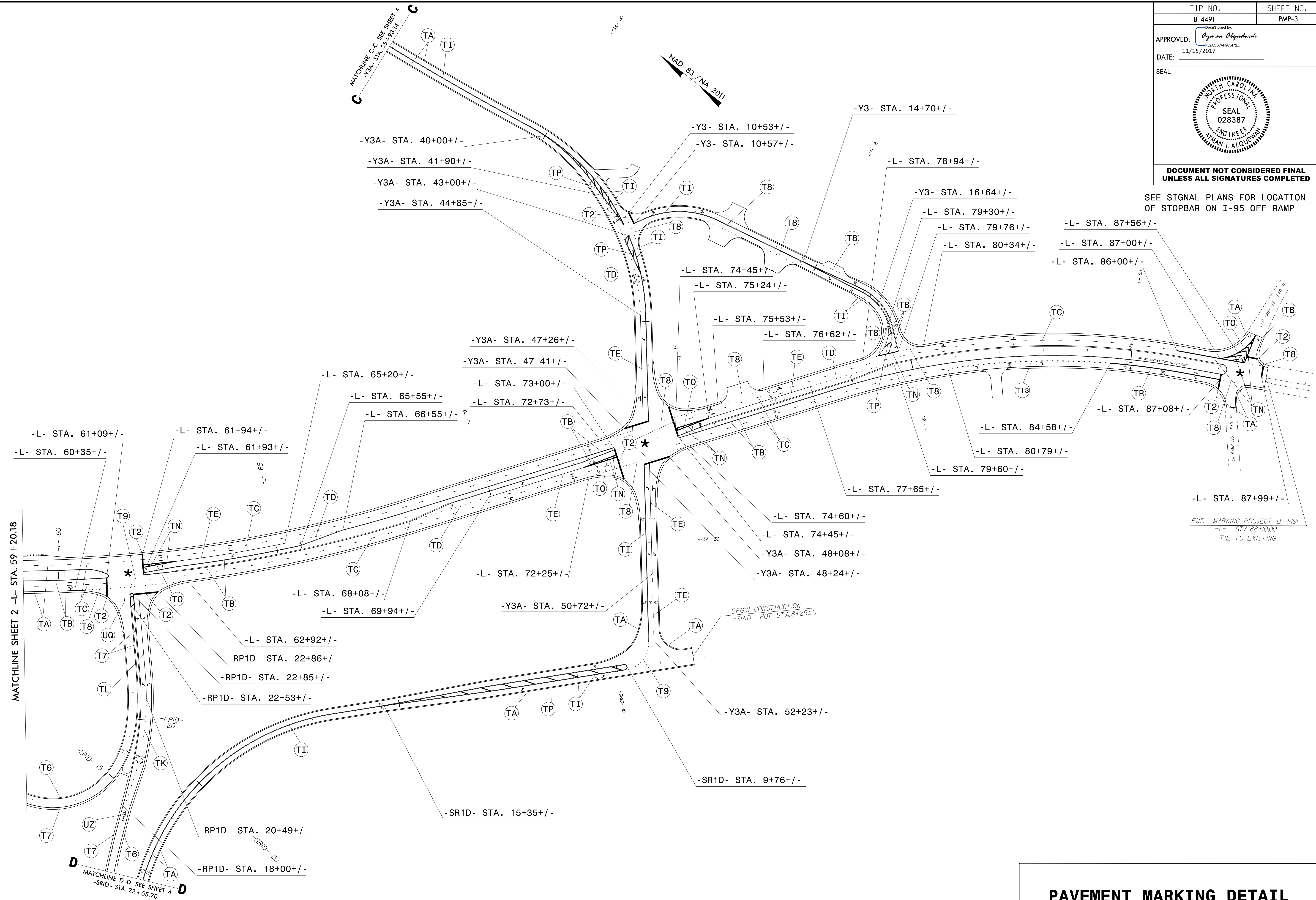
TIP NO.	SHEET NO.
B-4491	PMP-2
APPROVED: <i>Ayman Alqudwa</i> F32AC5CAF965472	
DATE: 1/5/2018	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



0/05/18  
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 User:rtickard

**PAVEMENT MARKING DETAIL**

SEE SIGNAL PLANS FOR LOCATION  
OF STOPBAR ON I-95 OFF RAMP



**PAVEMENT MARKING DETAIL**

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 User: rickward



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 User:rtickard

**PAVEMENT MARKING DETAIL**