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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CUMBERLAND COUNTY**

LOCATION: I-95 FROM MILE MARKER 40 TO MILE MARKER 53 (REHABILITATION).

TIP NO. I-5731	SHEET NO. PMP-1
DocuSigned by: <i>Ayman Alquodwah</i>	
APPROVED: F52AC5CAF965472...	
DATE: 1/7/2016	
SEAL	
	

T.I.P.: I-5731

CONTRACT:

**I-5731 FINAL PAVEMENT
MARKING SCHEDULE**

SYMBOL	(FINAL PAVEMENT MARKINGS)
	<u>THERMOPLASTIC (24", 120 MILS)</u>
T2	WHITE STOPBAR
	<u>THERMOPLASTIC (8", 120 MILS)</u>
TQ	WHITE DIAGONAL
	<u>THERMOPLASTIC (4", 120 MILS)</u>
T8	2 FT. - 6 FT./SP WHITE MINSKIP
TI	YELLOW DOUBLE 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
	<u>THERMOPLASTIC (8", 90 MILS)</u>
TN	WHITE GORELINE
	<u>THERMOPLASTIC (12", 90 MILS)</u>
TS	WHITE GORELINE
	<u>THERMOPLASTIC (12", 120 MILS)</u>
T14	3 FT. - 9 FT./SP WHITE MINSKIP
	<u>POLYUREA (6", HIGHLY REFLECTIVE ELEMENTS)</u>
V6	WHITE EDGELINE
V7	YELLOW EDGELINE
VJ	10 FT. WHITE SKIP
VK	3 FT. - 9 FT./SP WHITE MINSKIP
	<u>POLYUREA (12", HIGHLY REFLECTIVE ELEMENTS)</u>
V14	3 FT. - 9 FT./SP WHITE MINSKIP
	<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UD	COMBO LEFT/STRAIGHT ARROW
UP	MERGE ARROW
UQ	RAMP ARROW SYMBOL
	(MARKERS)
	<u>SNOWPLOWABLE RAISED PAVEMENT MARKERS</u>
ME	YELLOW & YELLOW
MF	CRYSTAL & RED

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
1205.08	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
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
I-95 -L-	THERMOPLASTIC	SNOWPLOWABLE
I-95 -RAMPS-	THERMOPLASTIC	SNOWPLOWABLE
I-95 -BRIDGES-	POLYUREA W/ 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) 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.
 - F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.
 - G) PAVEMENT MARKING SHOULD END AT RESURFACING LIMITS ON RAMPS.

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SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-17	PAVEMENT MARKING DETAIL

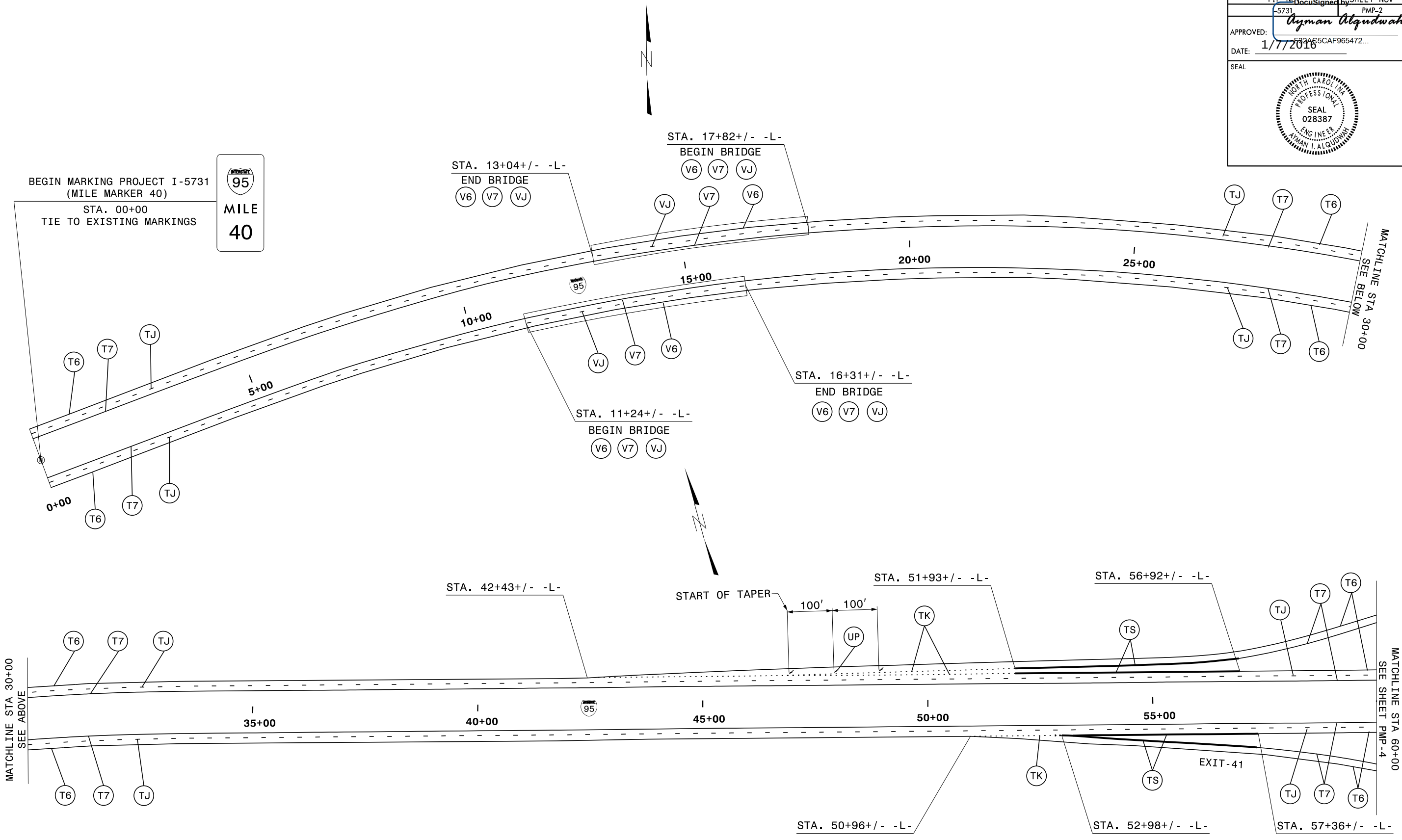
PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

AYMAN ALQUODWAH, PE, CPM SIGNING & DELINEATION REGIONAL ENGINEER
BASIR A. RASHID SIGNING & DELINEATION PROJECT DESIGN ENGINEER



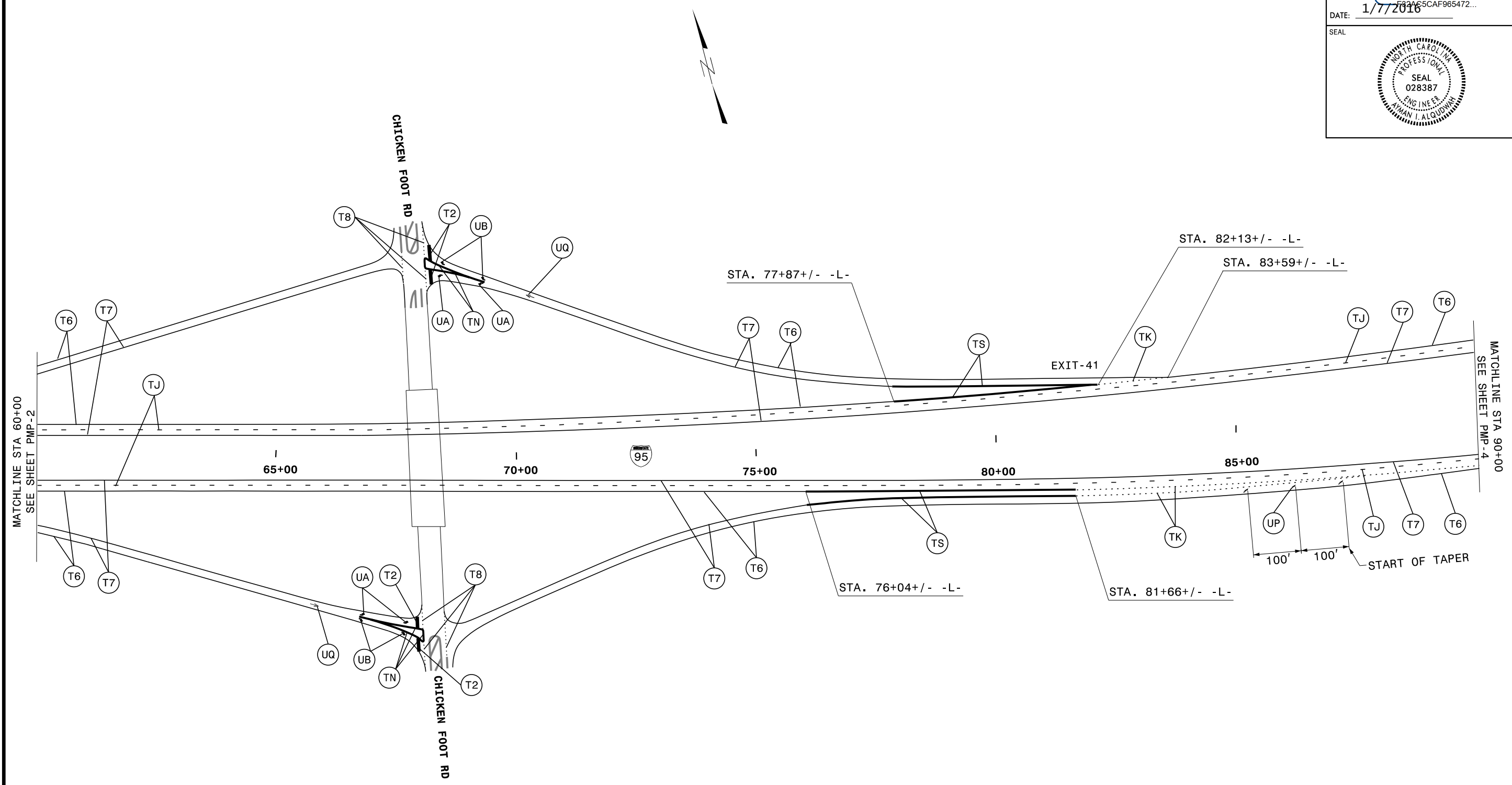
TIP NO. 5731 SHEET NO. PMP-2
 Approved by: *Ayman Alqudwah*
 DATE: 1/7/2016
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 028387
 AYMAN I. ALQUDWAH

BEGIN MARKING PROJECT I-5731
 (MILE MARKER 40)
 STA. 00+00
 TIE TO EXISTING MARKINGS




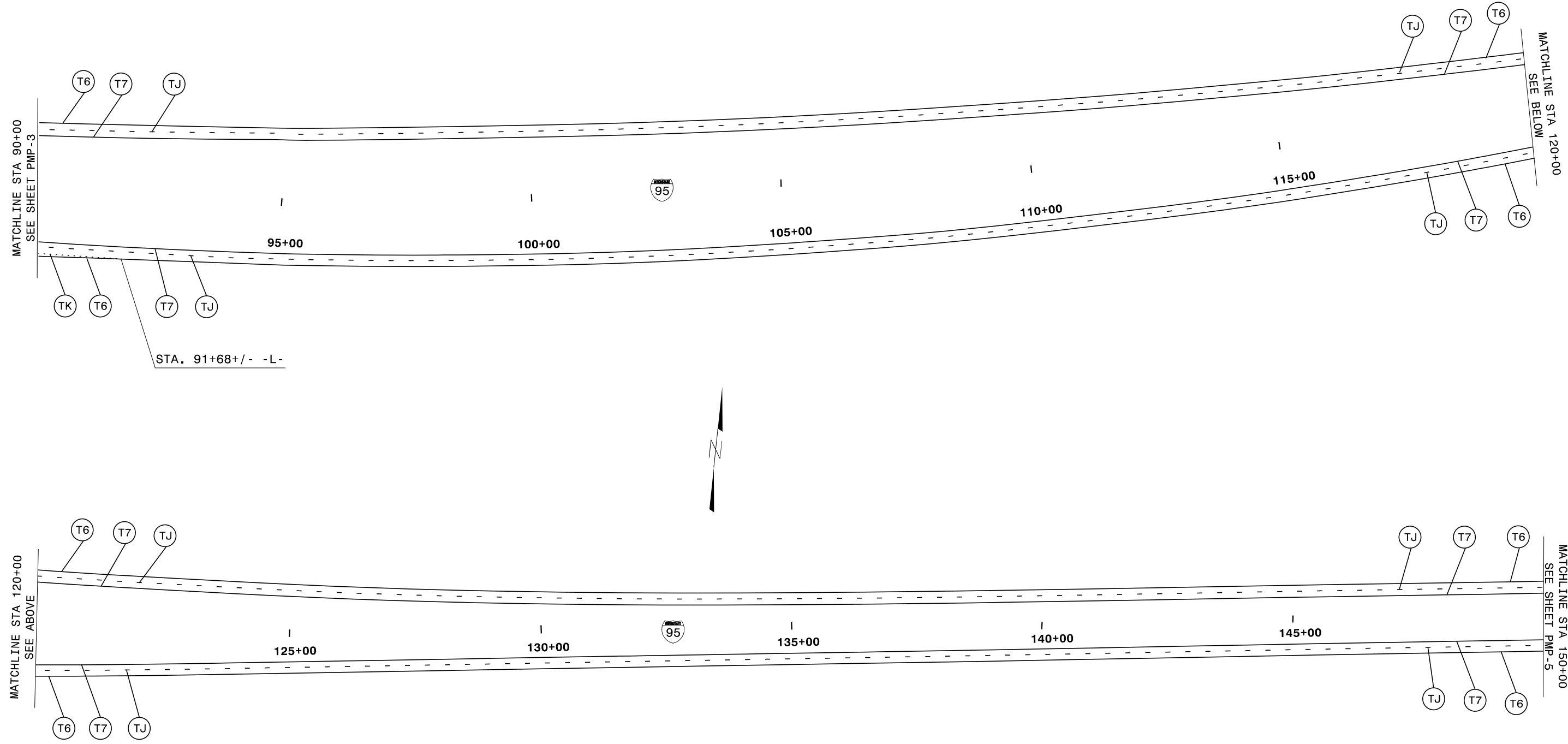
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TIP NO.	DocuSigned by	SHEET NO.
5731	<i>Ayman Alqudwah</i>	PMP-3
APPROVED:		
DATE:	1/7/2016	
SEAL		




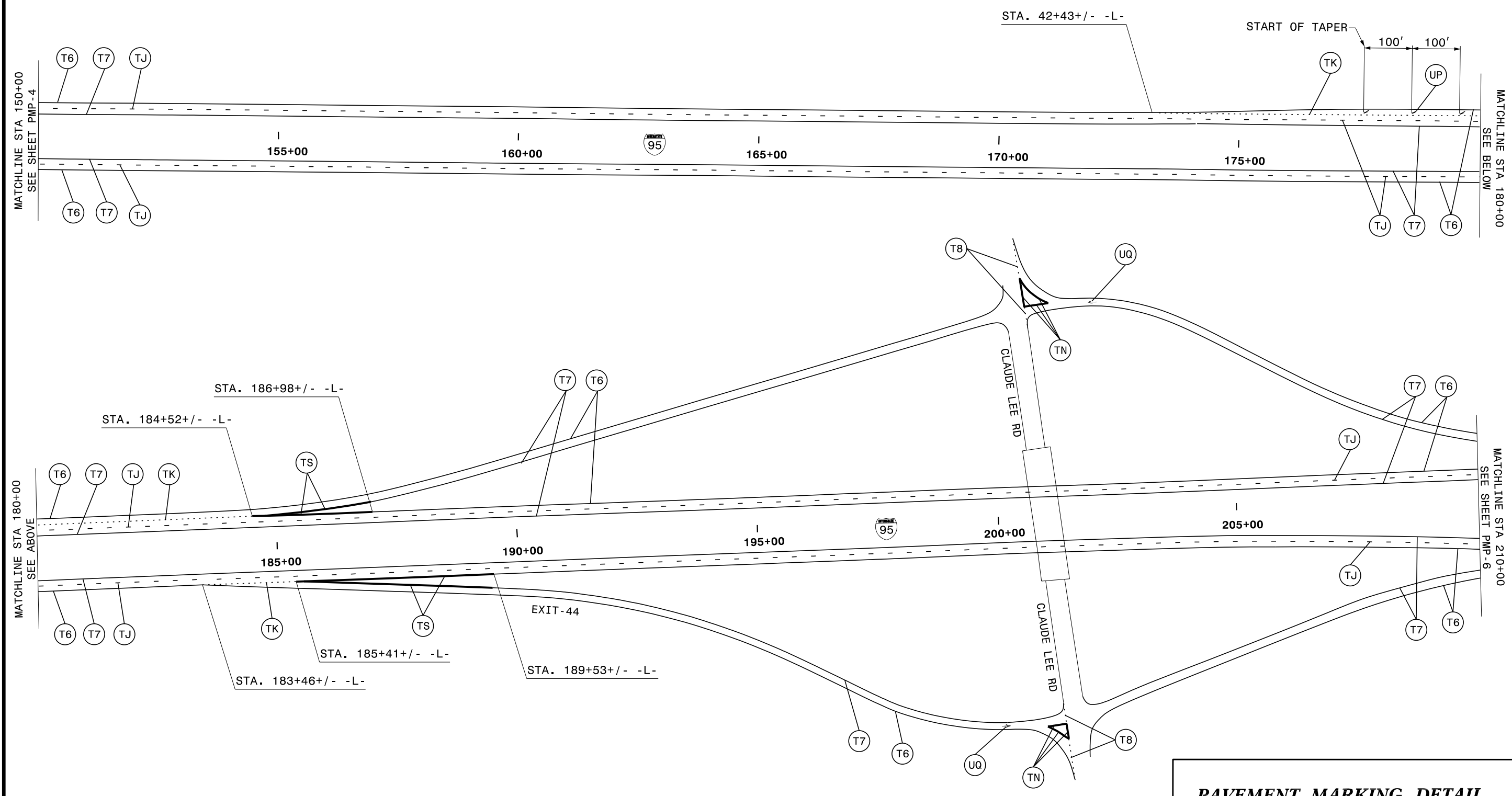
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 APPROVED: *Ayman Alqudwah*
 DATE: 1/7/2016
 SEAL





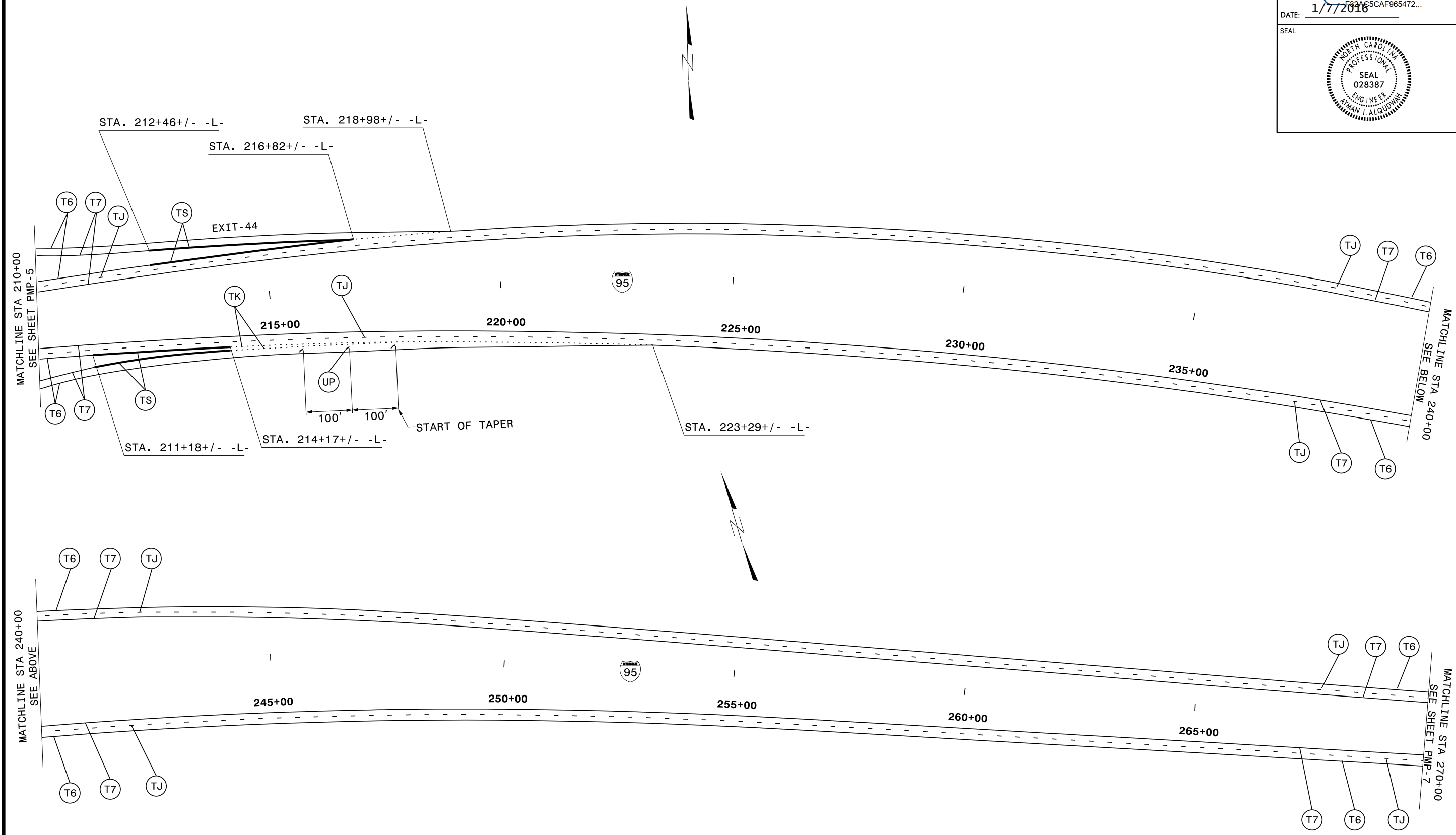
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 APPROVED: *Ayman Alqudwah*
 DATE: 1/17/2016
 SEAL




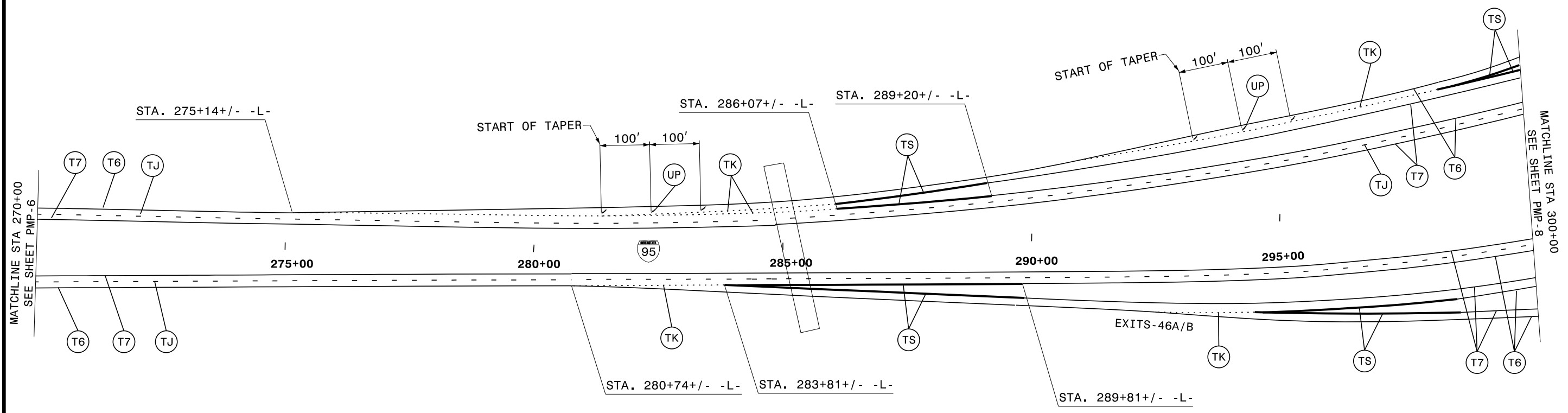
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 APPROVED: *Ayman Alqudwah*
 DATE: 1/7/2016
 SEAL




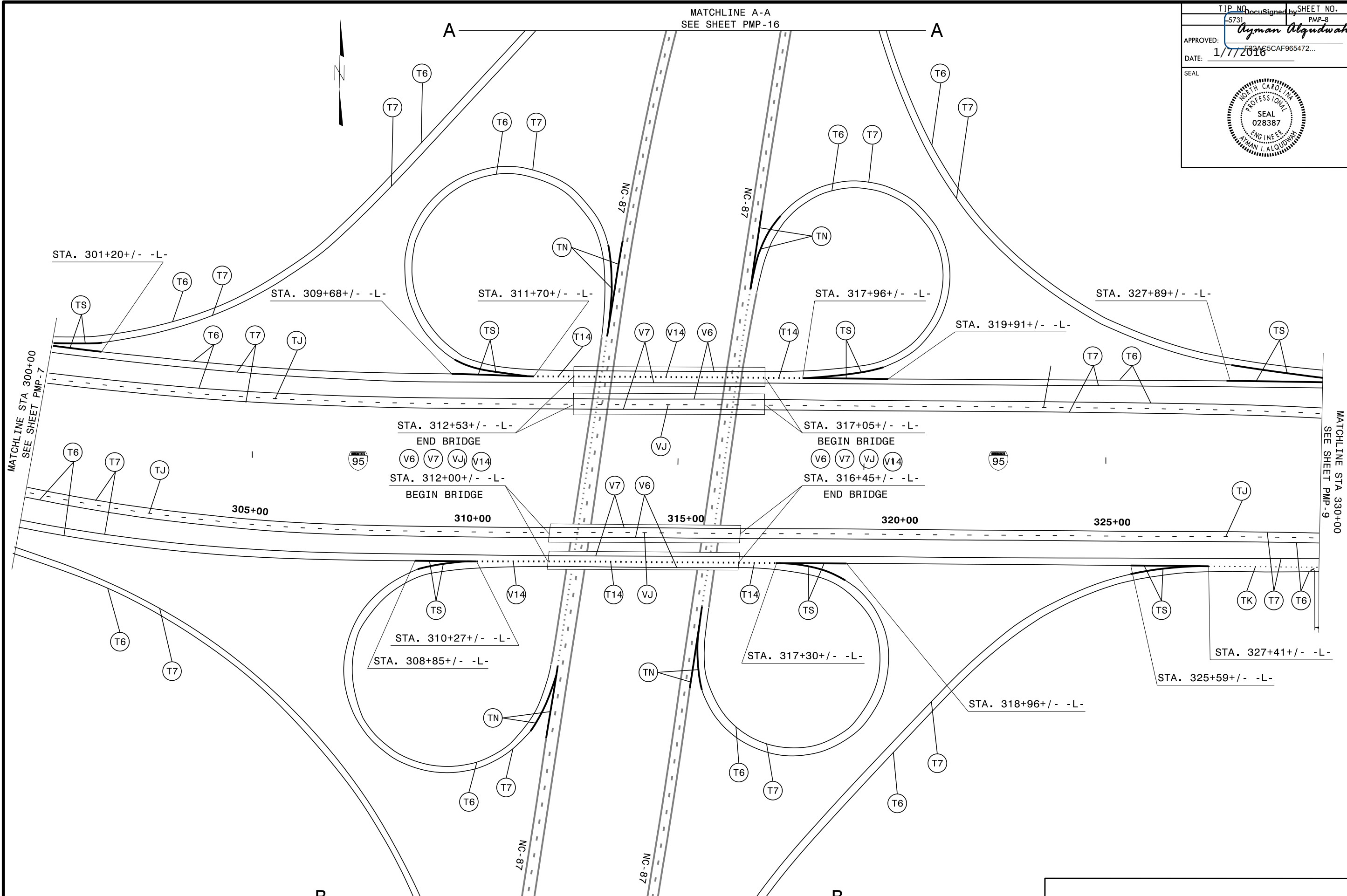
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APPROVED: <i>Ayman Alqudwah</i>		
DATE: 1/7/2016		
SEAL		



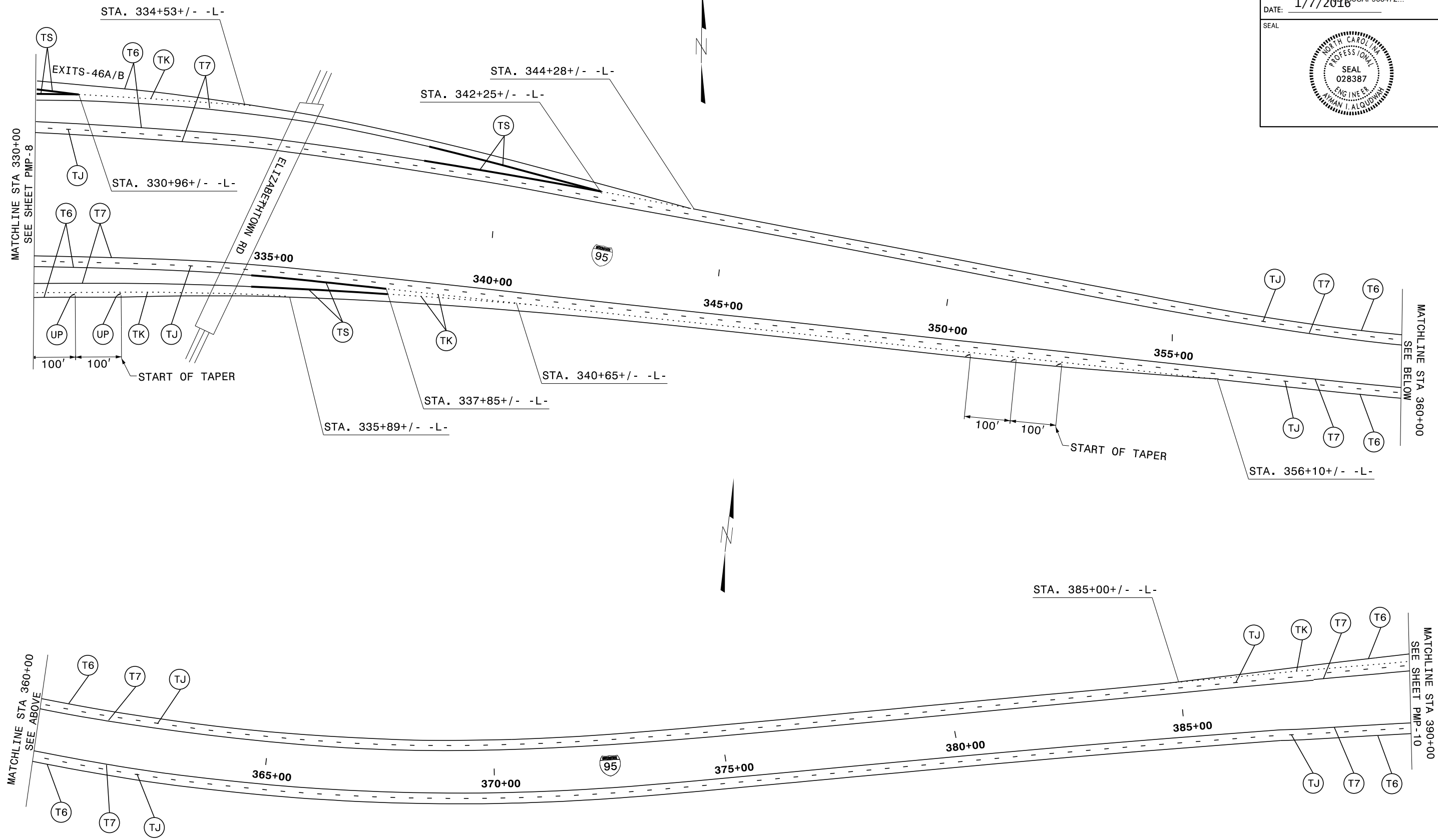
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TIP NO. 5731 SHEET NO. PMP-8
 Approved by: *Ayman Alqudwah*
 DATE: 1/17/2016
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 028387
 AYMAN I. ALQUDWAH




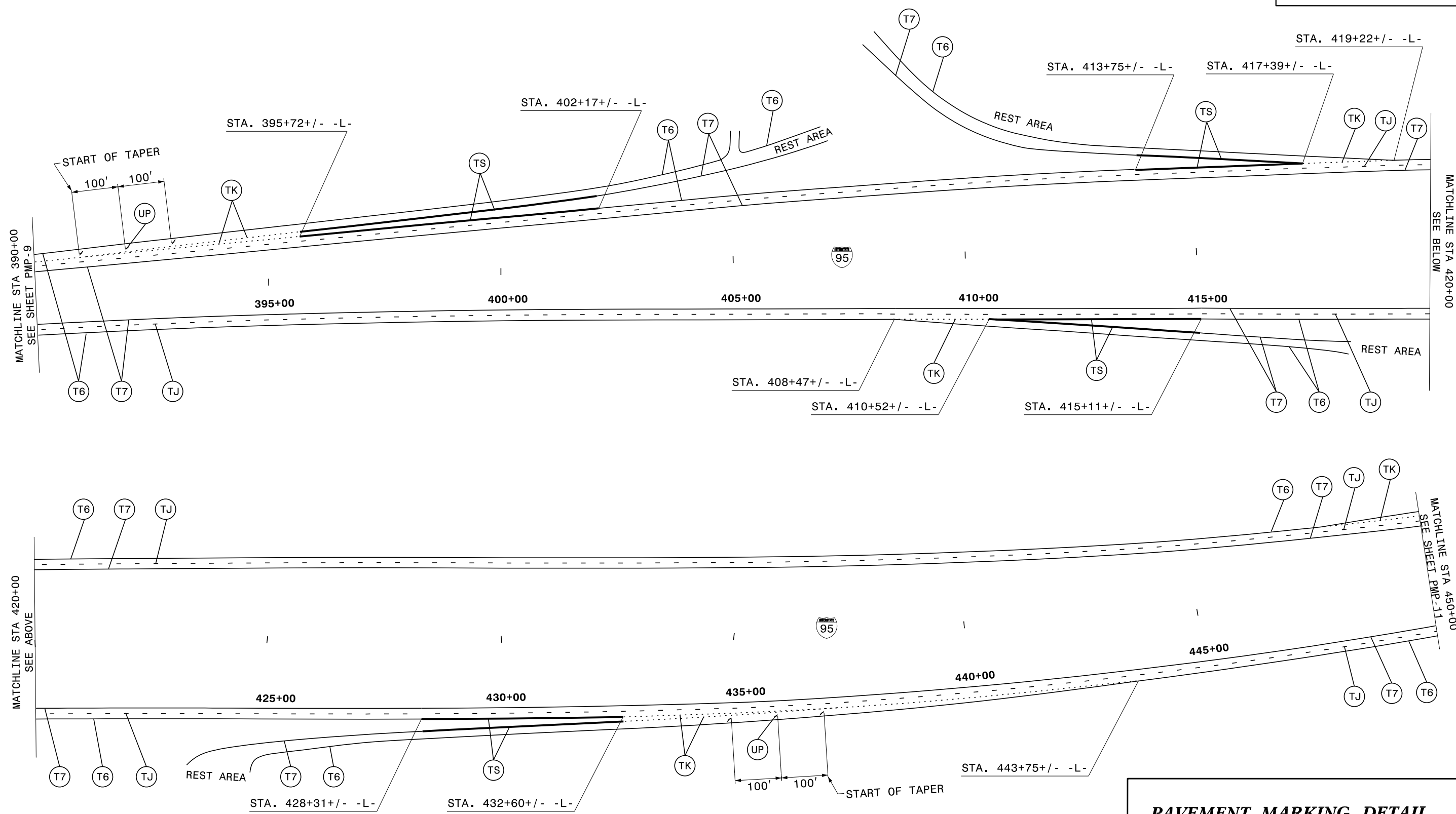
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APPROVED: <i>Ayman Alqudwah</i>		
DATE: 1/17/2016		
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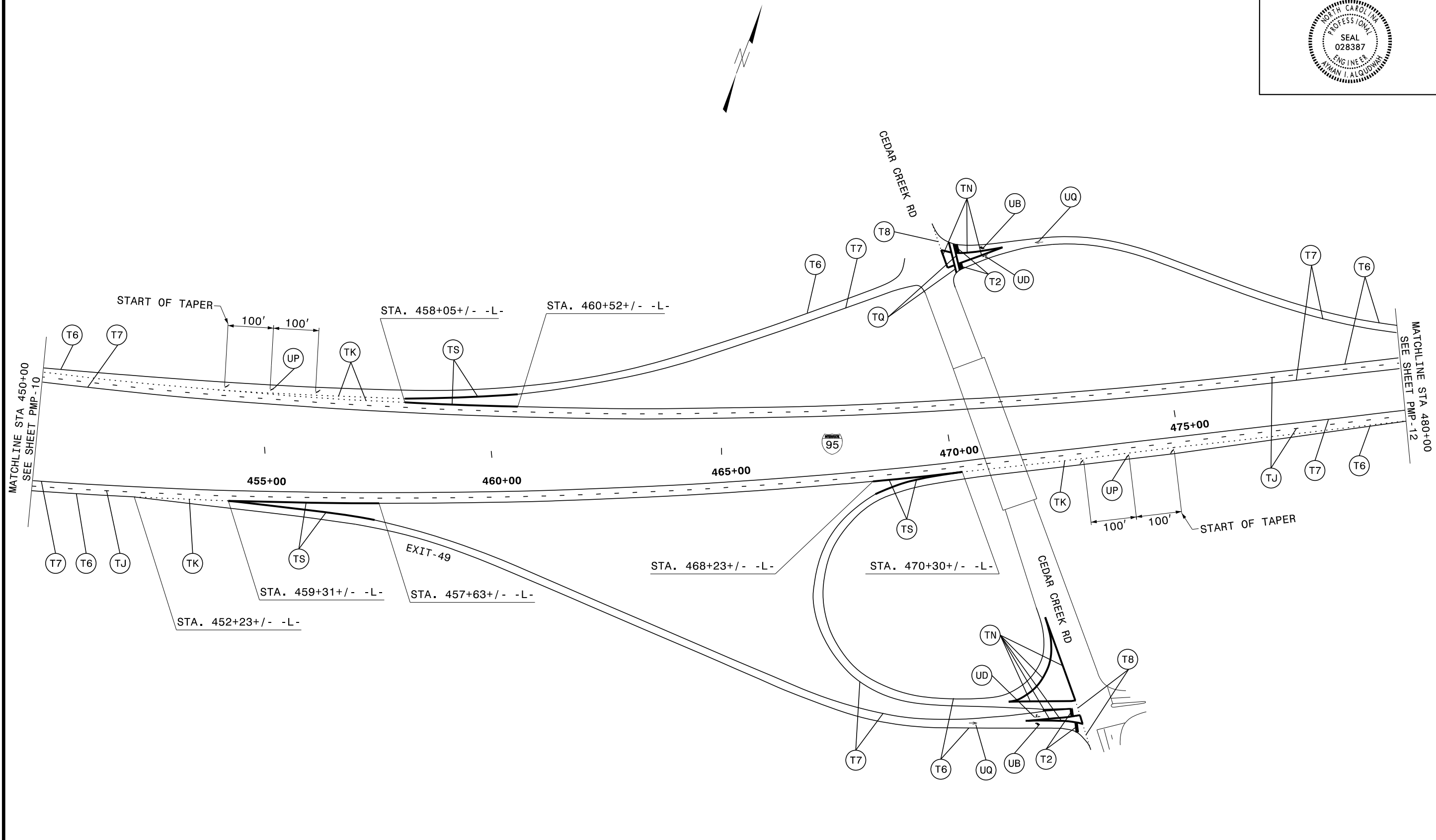


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 Approved by: *Ayman Alqudwah*
 APPROVED: F32A65CAF965472...
 DATE: 1/17/2016
 SEAL


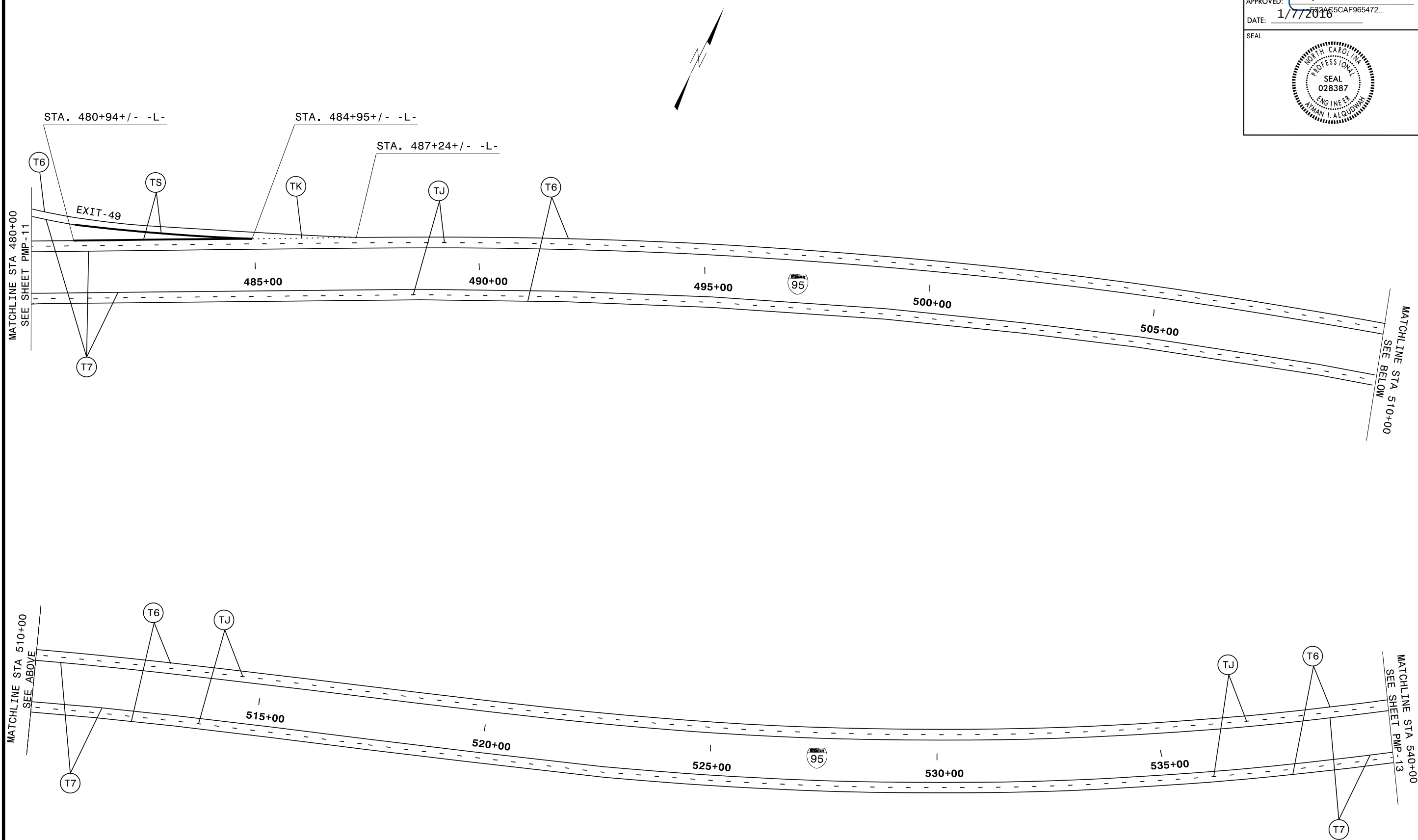


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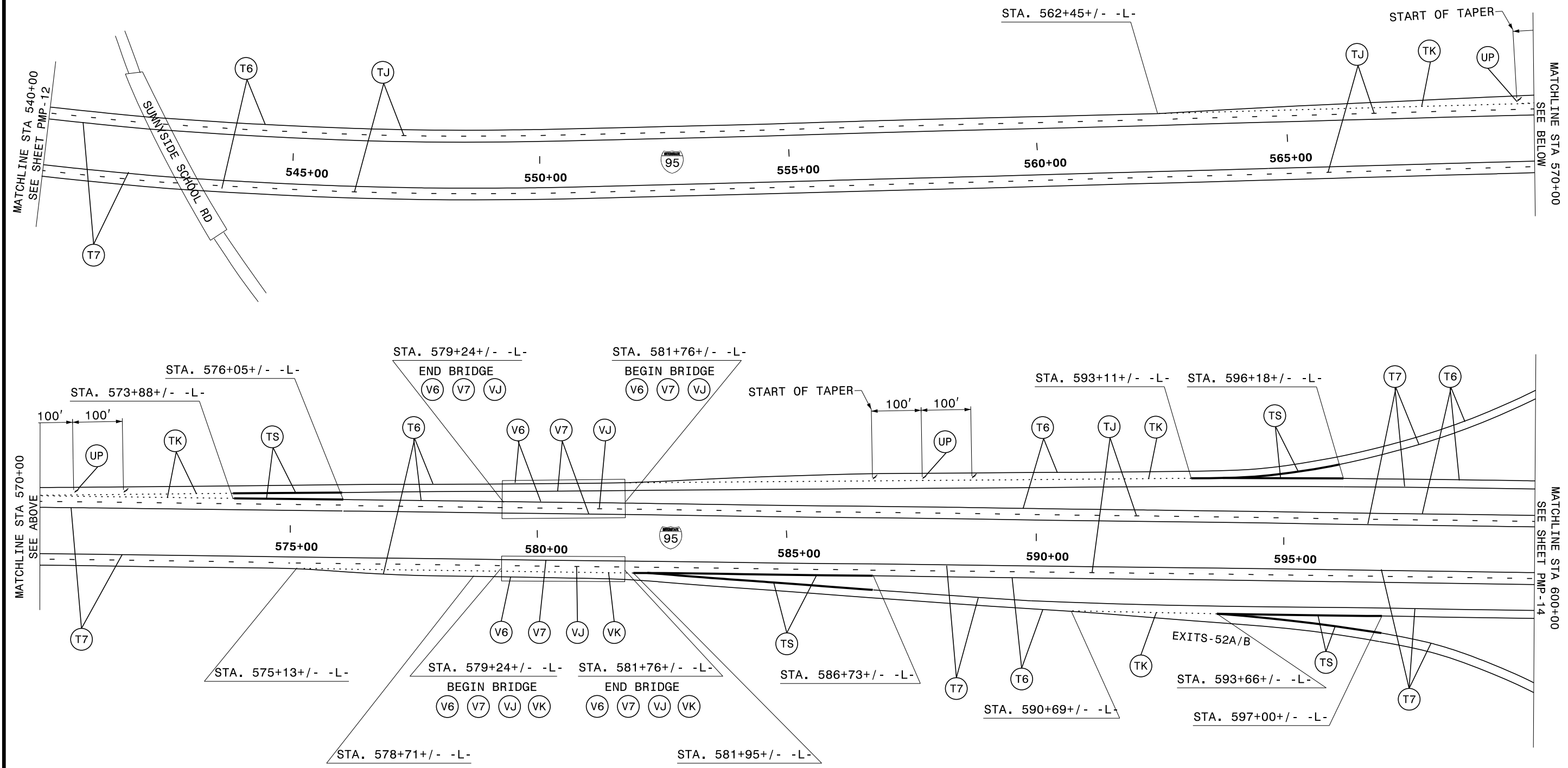
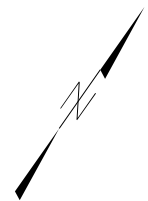
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APPROVED:		
DATE:	1/7/2016	
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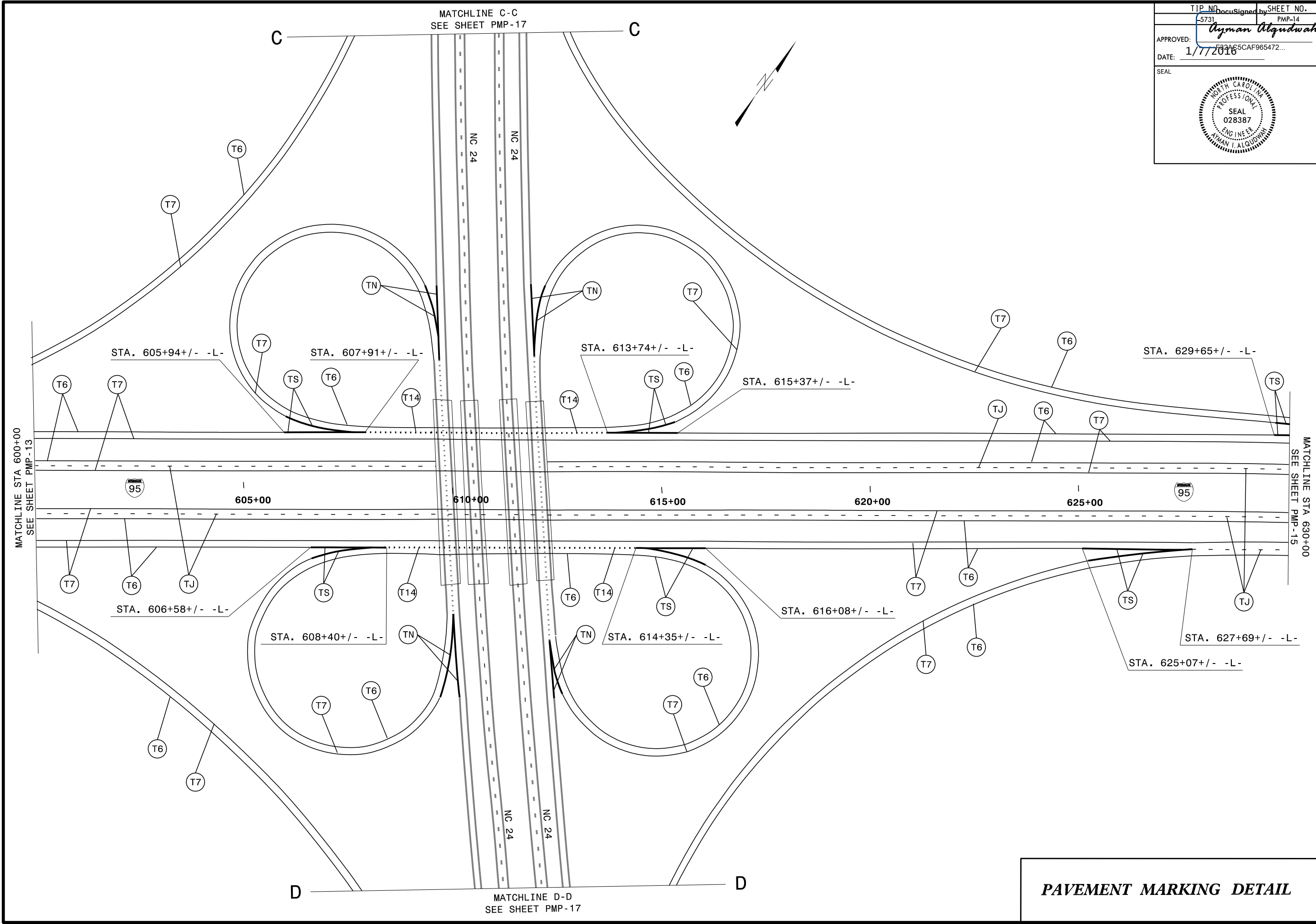
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TIP NO. 5731 SHEET NO. PMP-13
 Approved by: *Ayman Alqudwah*
 DATE: 1/17/2016
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 028387
 AYMAN I. ALQUDWAH



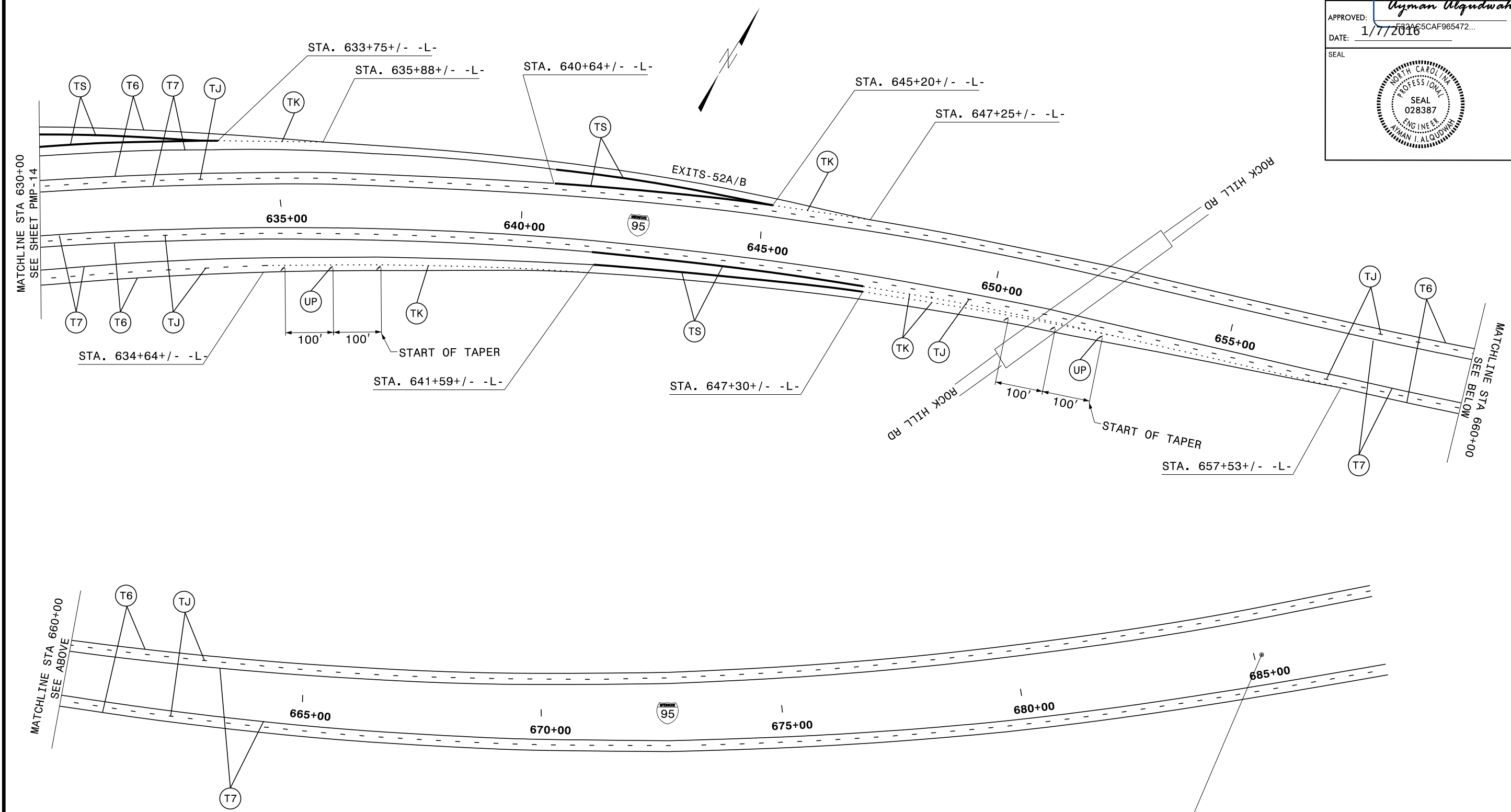
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5731	<i>Ayman Alqudwah</i>	PMP-14
APPROVED:		
DATE: 1/17/2016		
SEAL		

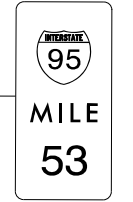


PAVEMENT MARKING DETAIL

TIP NO. I-5731 SHEET NO. PMP-15
 APPROVED: *Ayman Alqudwah*
 DATE: 1/7/2016
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 028387
 AYMAN I. ALQUDWAH

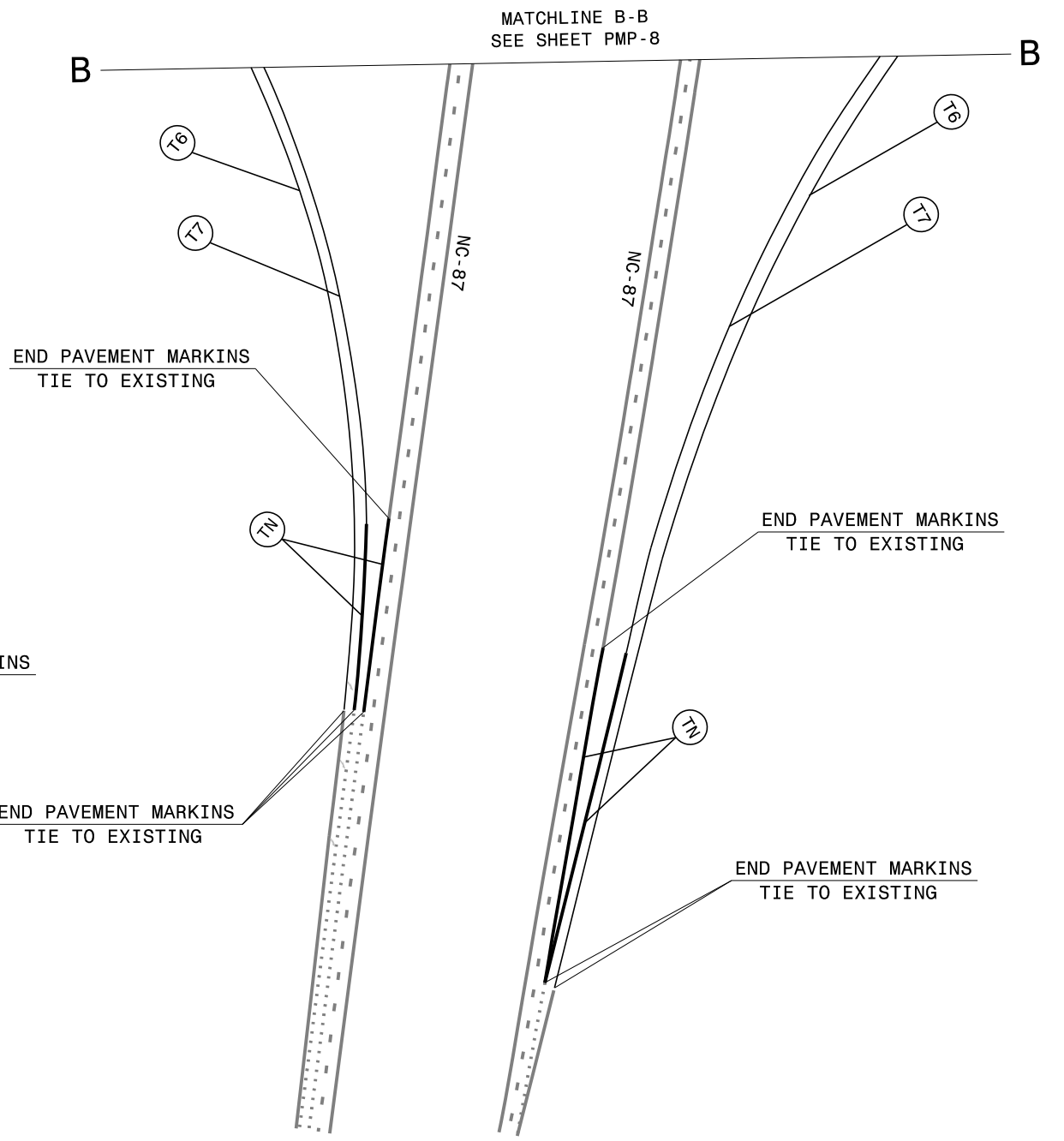
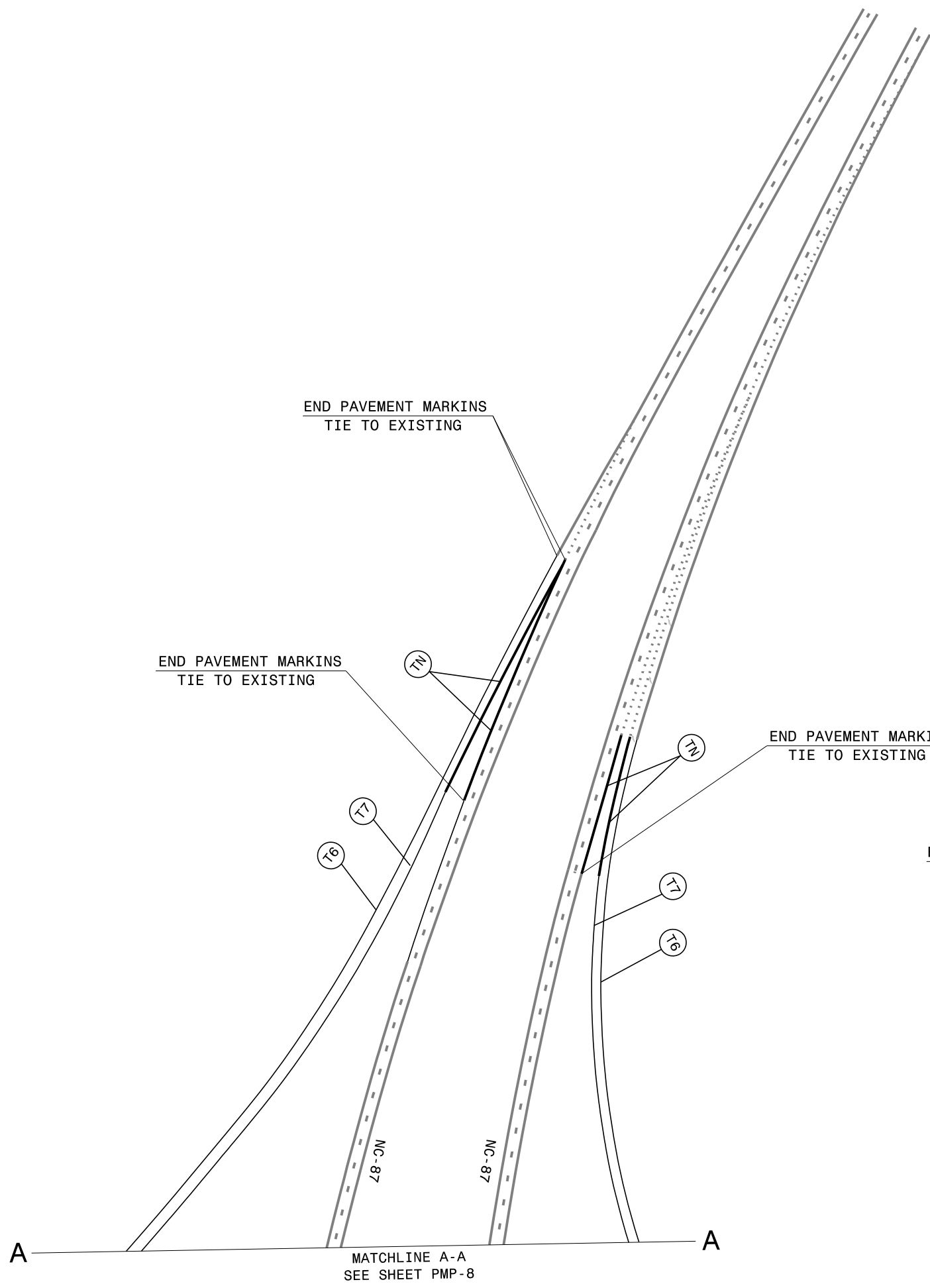
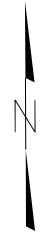


END MARKING PROJECT I-5731
 (MILE MARKER 53)
 STA. 685+10(±)
 TIE TO I-5788




PAVEMENT MARKING DETAIL

TIP NO.	DocuSigned by:	SHEET NO.
5731	<i>Ayman Alqudwah</i>	PMP-16
APPROVED:		
DATE: 1/7/2016		
SEAL		



PAVEMENT MARKING DETAIL

TIP NO.	DocuSigned by:	SHEET NO.
5731	<i>Ayman Alqudwah</i>	PMP-17
APPROVED:		
DATE: 1/17/2016		
SEAL		



END PAVEMENT MARKINS
TIE TO EXISTING

END PAVEMENT MARKINS
TIE TO EXISTING

END PAVEMENT MARKINS
TIE TO EXISTING

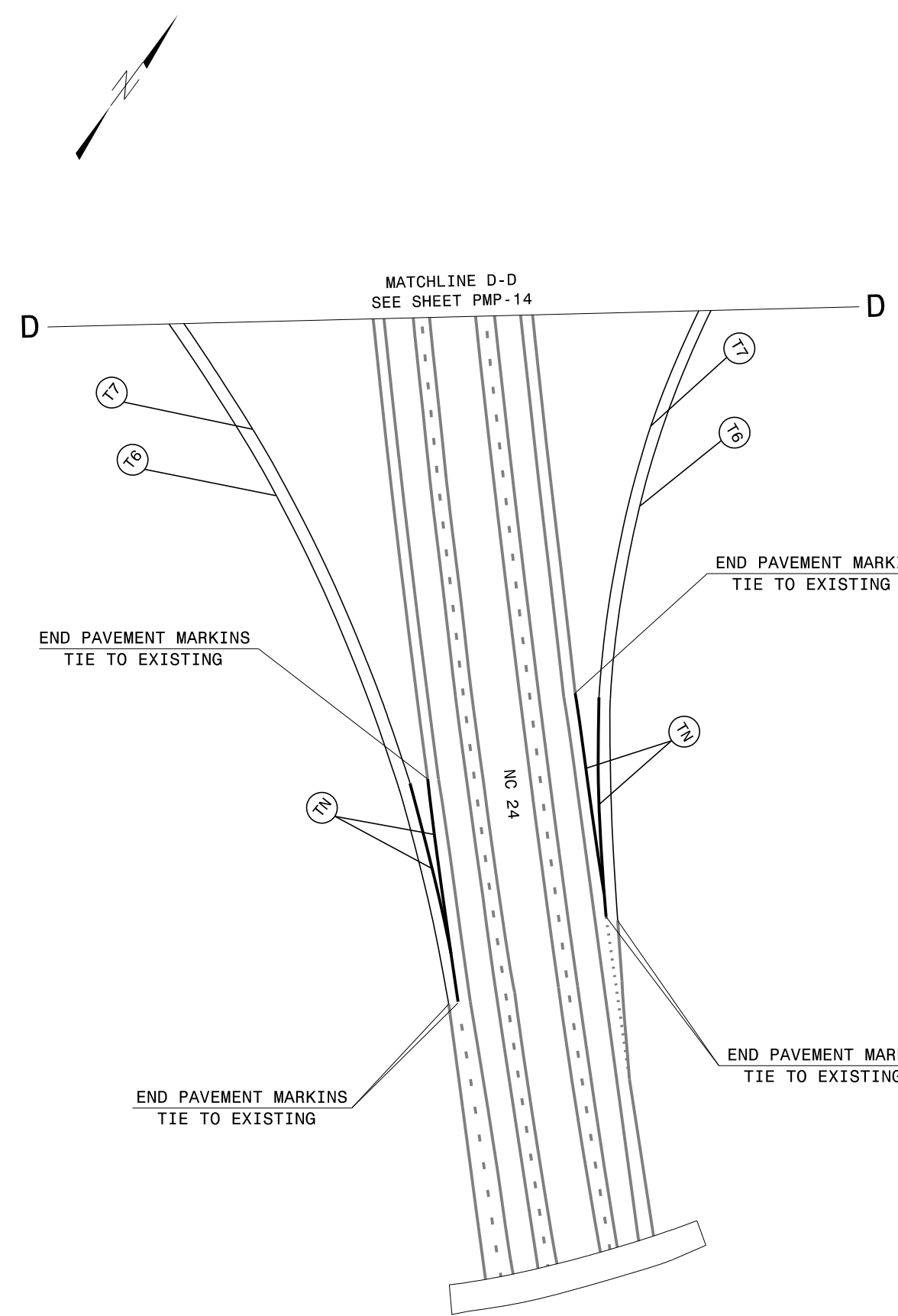
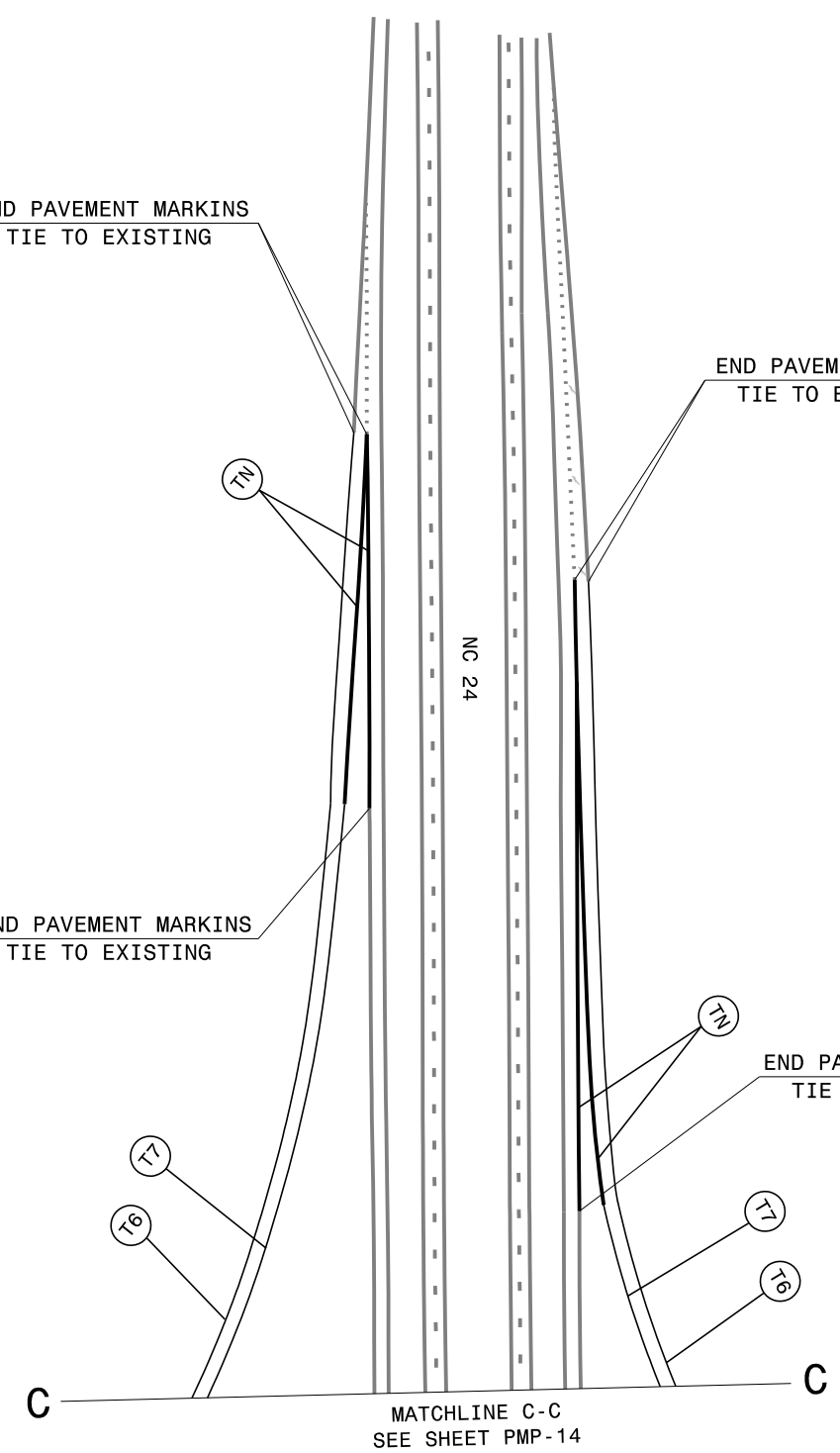
END PAVEMENT MARKINS
TIE TO EXISTING

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TIE TO EXISTING



PAVEMENT MARKING DETAIL