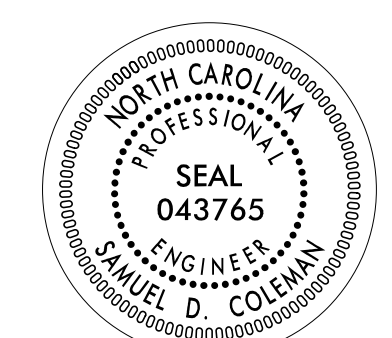


TIP NO.	SHEET NO.
R-5014	PMP-1
APPROVED: <i>Samuel Coleman</i> <small>0828967FD7254D9</small>	
DATE: 4/29/2021	
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T.I.P.: R-5014

**STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 DARE COUNTY**

**LOCATION: SR 1217 (COLINGTON RD) FROM DEAD END TO US 158
 CROATAN HIGHWAY IN KILL DEVIL HILLS**

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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
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
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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:

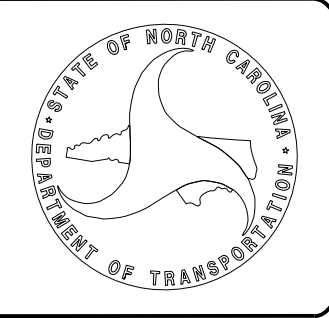
ROAD NAME	MARKING	MARKER
SR 1217 (COLINGTON RD)	THERMOPLASTIC	PERMANENT RAISED MARKERS
CONCRETE BRIDGE DECKS	COLD APPLIED PLASTIC	PERMANENT RAISED MARKERS TYPE II OR III
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS 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) 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.
- G) 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.
- H) ALL BICYCLE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE HEATED-IN-PLACE PAY ITEM.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2-2A	PAVEMENT MARKING SCHEDULE AND NO-TRACK CROSSWALK STANDARD
PMP-3-19	PAVEMENT MARKING DETAIL SHEETS

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

AYMAN ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
 ERIC WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN



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PROJ. REFERENCE NO.	SHEET NO.
R-5014	PMP-2

FINAL PAVEMENT MARKING SCHEDULE

- T2 WHITE STOPBAR (24", 90 MIL)
- T3 WHITE CROSSWALK LINE (24", 90 MIL)

- T8 2 FT. - 6 FT./SP WHITE MINISKIP (4", 90 MIL)
- TC 10 FT. WHITE SKIP (4", 90 MIL)
- TD 3 FT. - 9 FT./SP WHITE MINISKIP (4", 90 MIL)
- TE WHITE SOLID LANE LINE (4", 90 MIL)
- TI YELLOW DOUBLE CENTER (4", 90 MIL)

- TA WHITE EDGELINE (4", 90 MIL)

- TN WHITE GORELINE (8", 90 MIL)
- TP YELLOW DIAGONAL (8", 90 MIL)

- TQ WHITE CROSSWALK LINE (8", 90 MIL)

- UA LEFT TURN ARROW (90 MIL)
- UB RIGHT TURN ARROW (90 MIL)
- UC STRAIGHT ARROW (90 MIL)
- UI ALPHANUMERIC CHAR. (90 MIL)
- UJ BICYCLE SYMBOL, HEATED-IN-PLACE (90 MIL)
- UK BICYCLE STRAIGHT ARROW, HEATED-IN-PLACE (90 MIL)
- UO BICYCLE LEFT ARROW, HEATED-IN-PLACE (90 MIL)

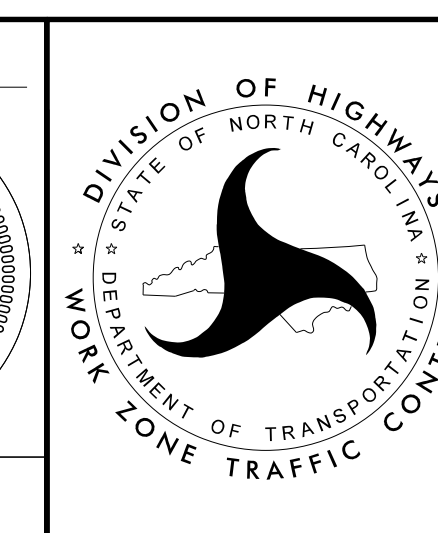
- MA PERMANENT RAISED MARKER YELLOW & YELLOW
- MB PERMANENT RAISED MARKER CRYSTAL & RED

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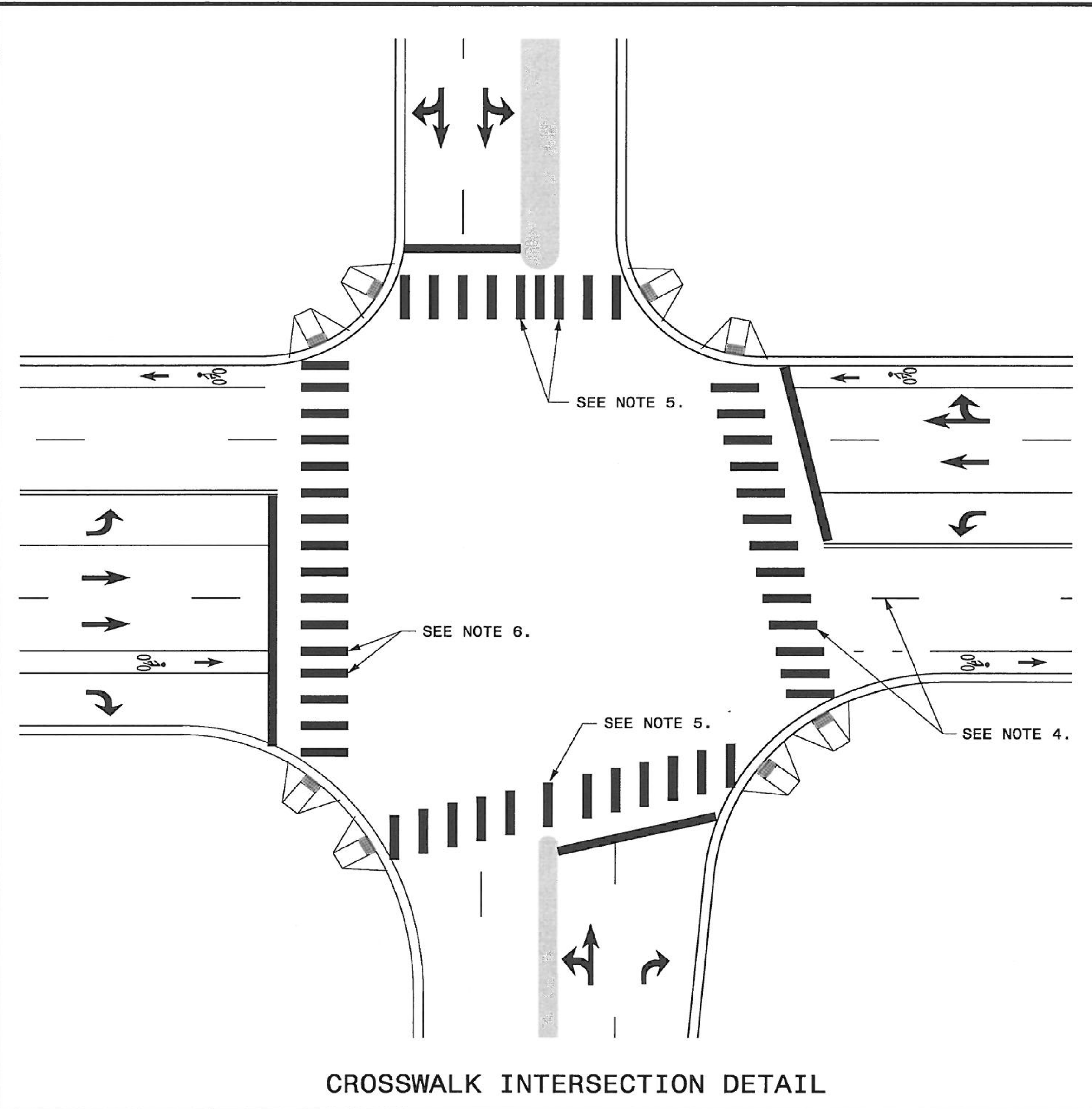
PAVEMENT MARKING
 SCHEDULE SHEET

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

5-18

ENGLISH TYPICAL DRAWING FOR
PAVEMENT MARKINGS
 HI-VISIBILITY CROSSWALKS
 NO-TRACK MARKING GUIDANCE

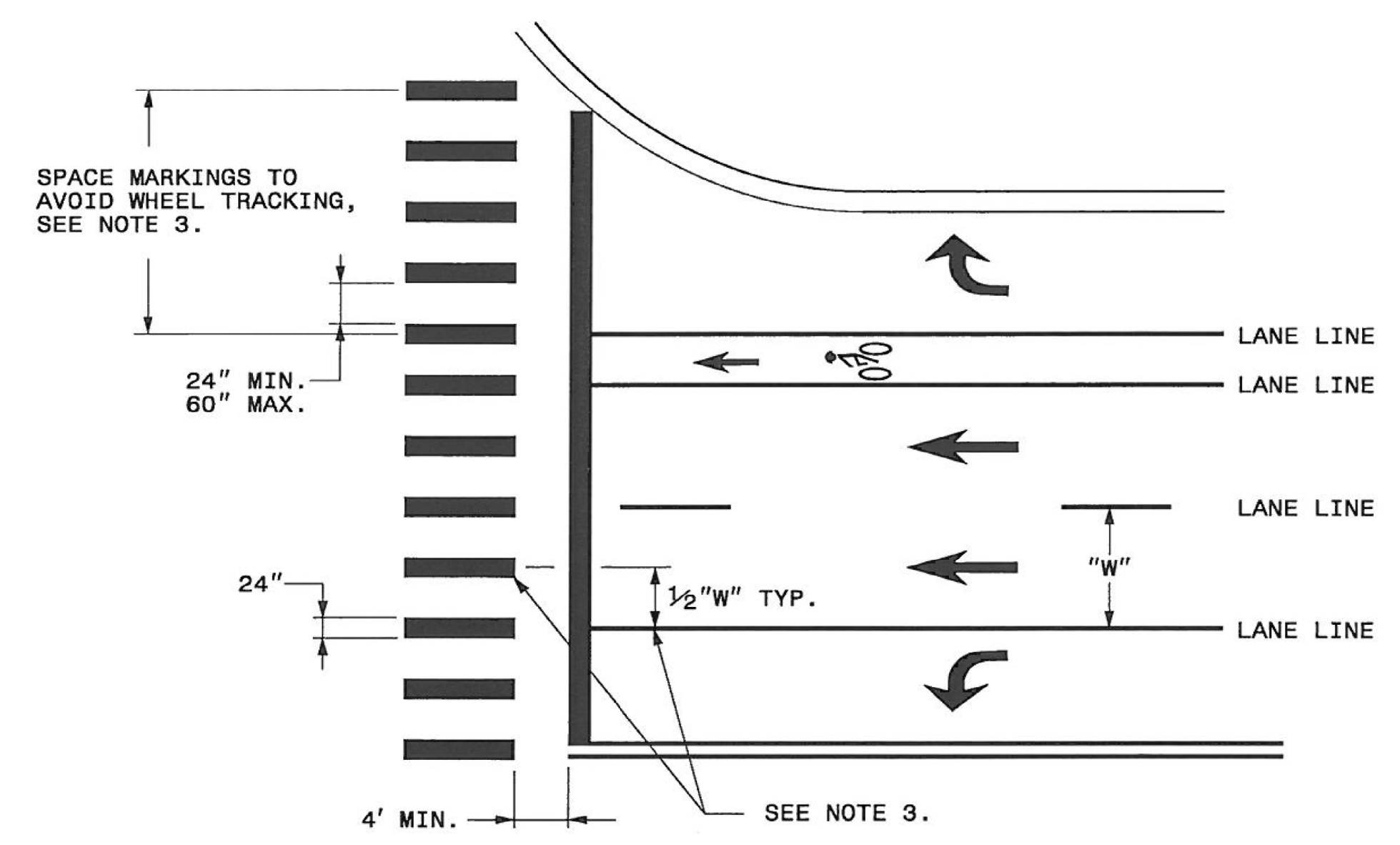
SHEET 1 OF 1



CROSSWALK INTERSECTION DETAIL

GENERAL NOTES:

- 1- THE GUIDANCE IN THIS DETAIL IS TO BE USED WHEN NO-TRACK SPACING OF HI-VISIBILITY MARKINGS IS REQUESTED.
- 2- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH PAVEMENT MARKING GUIDANCE SHOWN ON ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.07.
- 3- PLACE MARKINGS TO AVOID WHEELPATH OF VEHICLES. MARKINGS TYPICALLY WILL BE LOCATED CENTERED AT THE LANE LINES AND EDGE LINES WITH ONE ADDITIONAL MARKING CENTERED IN THE MIDDLE OF THE LANE. AT WIDE LANE WIDTHS DUE TO TAPERS AND LARGE RADII, LOCATE MARKINGS AT BEST SPACING TO AVOID WHEEL TRACKING. THE SPACE BETWEEN MARKINGS SHALL NOT BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.
- 4- WHERE THE CROSSWALK IS SKEWED TO THE LANE LINES, THE MARKINGS SHOULD BE PARALLEL TO THE LANE LINES.
- 5- PLACE MARKINGS ON BOTH EDGES OF THE NOSE OF A MEDIAN. FOR NARROW MEDIANS LESS THAN 4 FEET, A SINGLE MARKING MAY BE USED. FOR WIDE MEDIANS, INSTALL ADDITIONAL MARKINGS IN THE MEDIAN AREA. THE SPACE BETWEEN THE MARKINGS SHALL NOT TO BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.
- 6- LOCATE MARKINGS CENTERED ON BICYCLE LANE LINES. MARKINGS SHALL NOT BE LOCATED IN THE CENTER OF THE BICYCLE PATH.



CROSSWALK MARKING DETAIL

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

5-18

ENGLISH TYPICAL DRAWING FOR
PAVEMENT MARKINGS
 HI-VISIBILITY CROSSWALKS
 NO-TRACK MARKING GUIDANCE

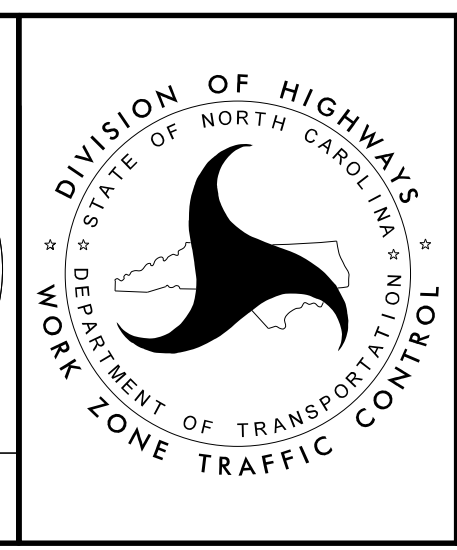
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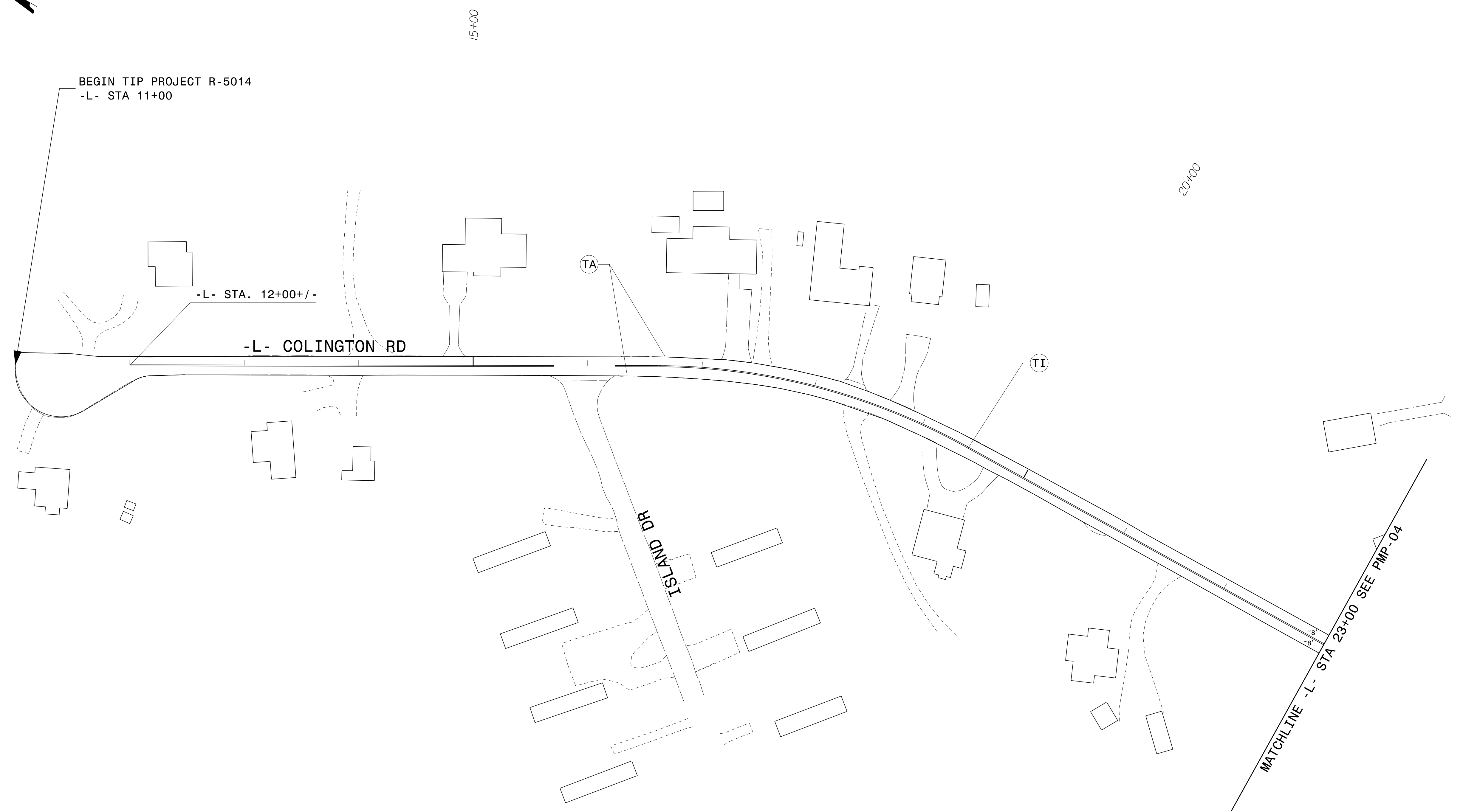
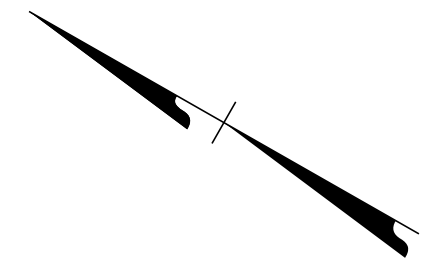
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PAVEMENT MARKING
 NO-TRACK CROSSWALK
 STANDARD

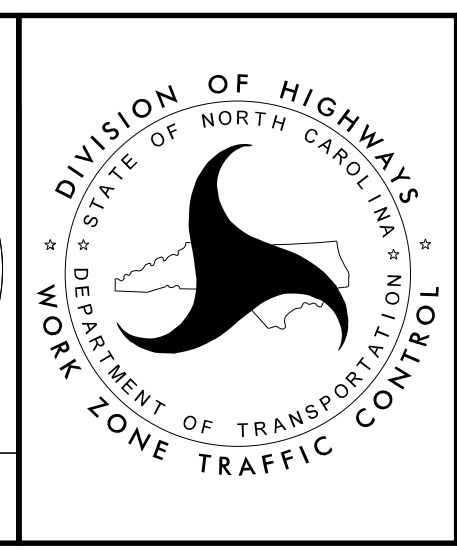


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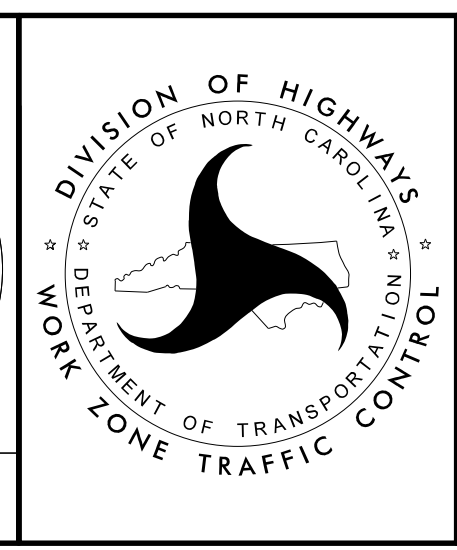
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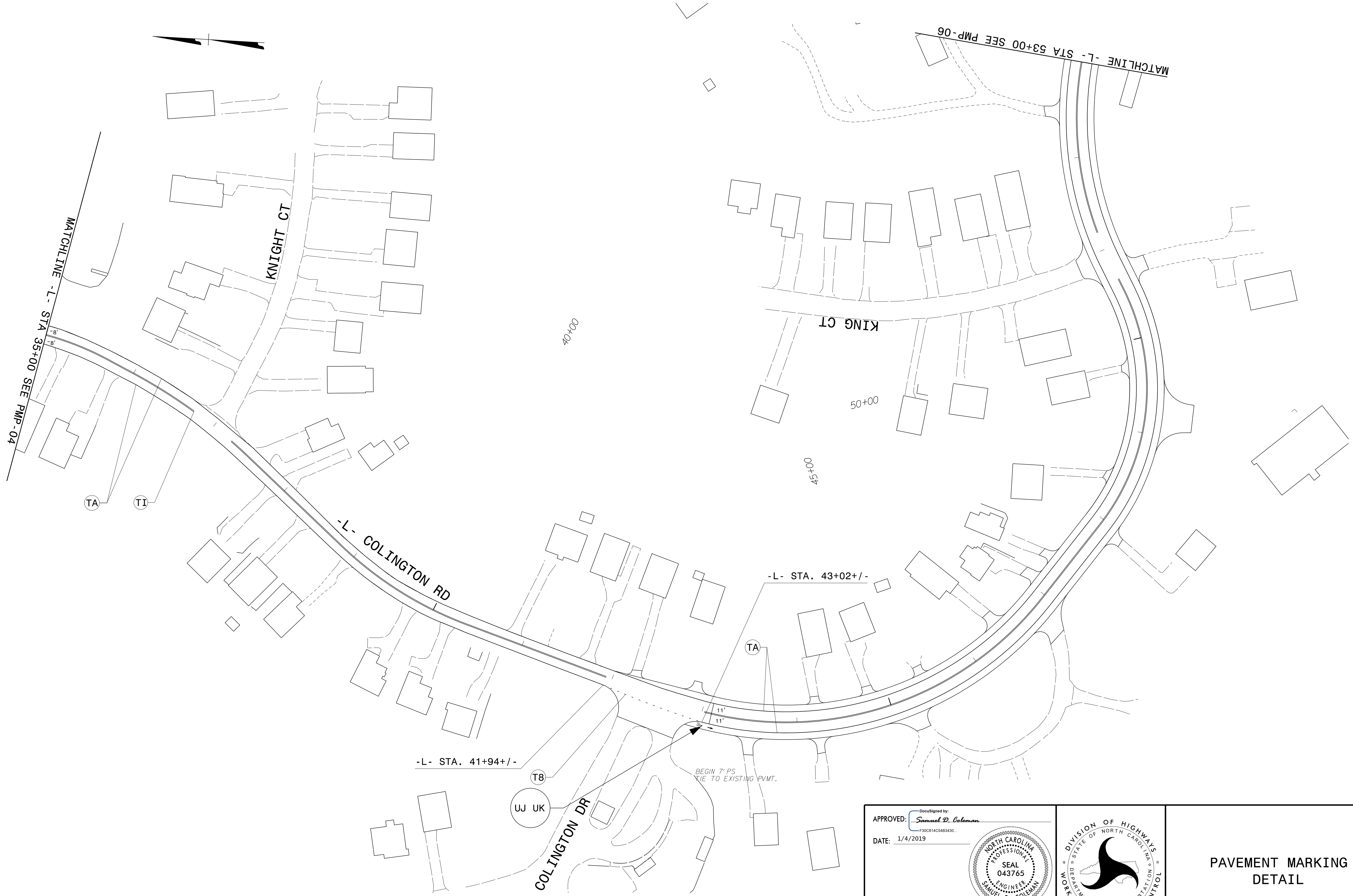
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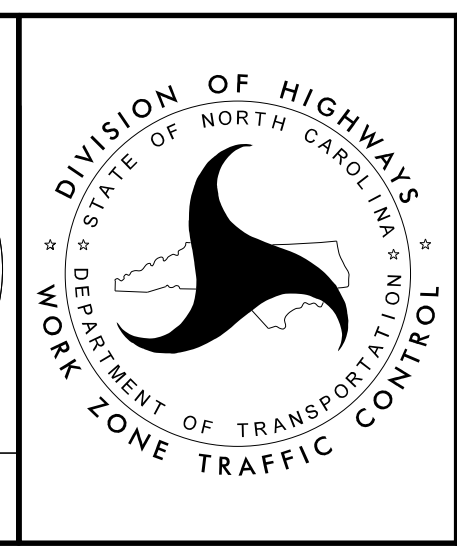
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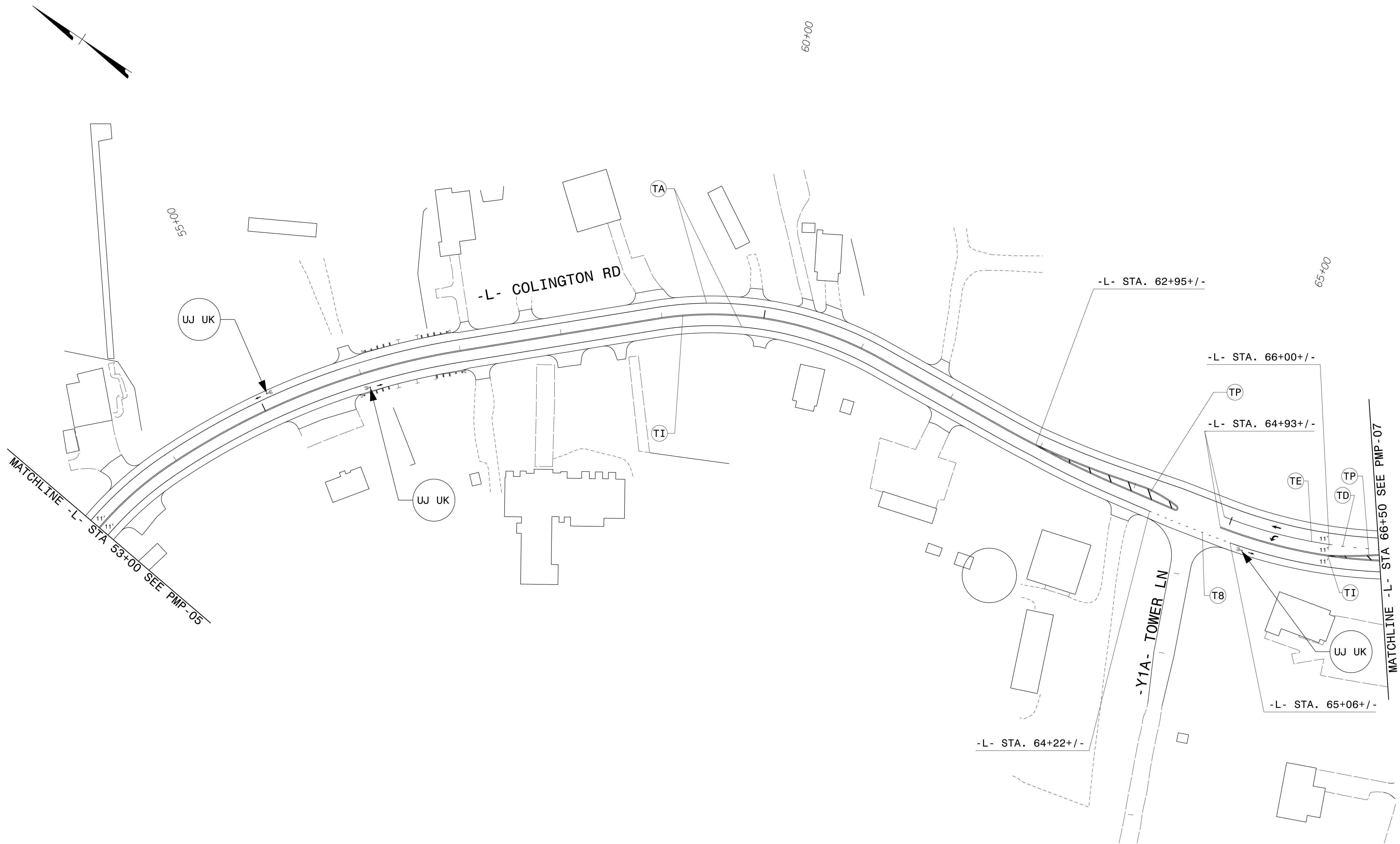
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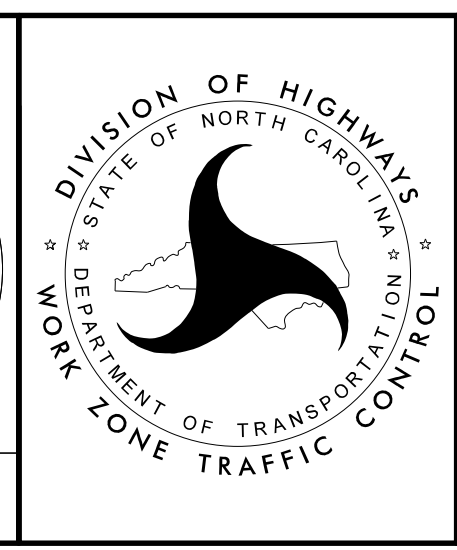
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 DATE: 1/4/2019

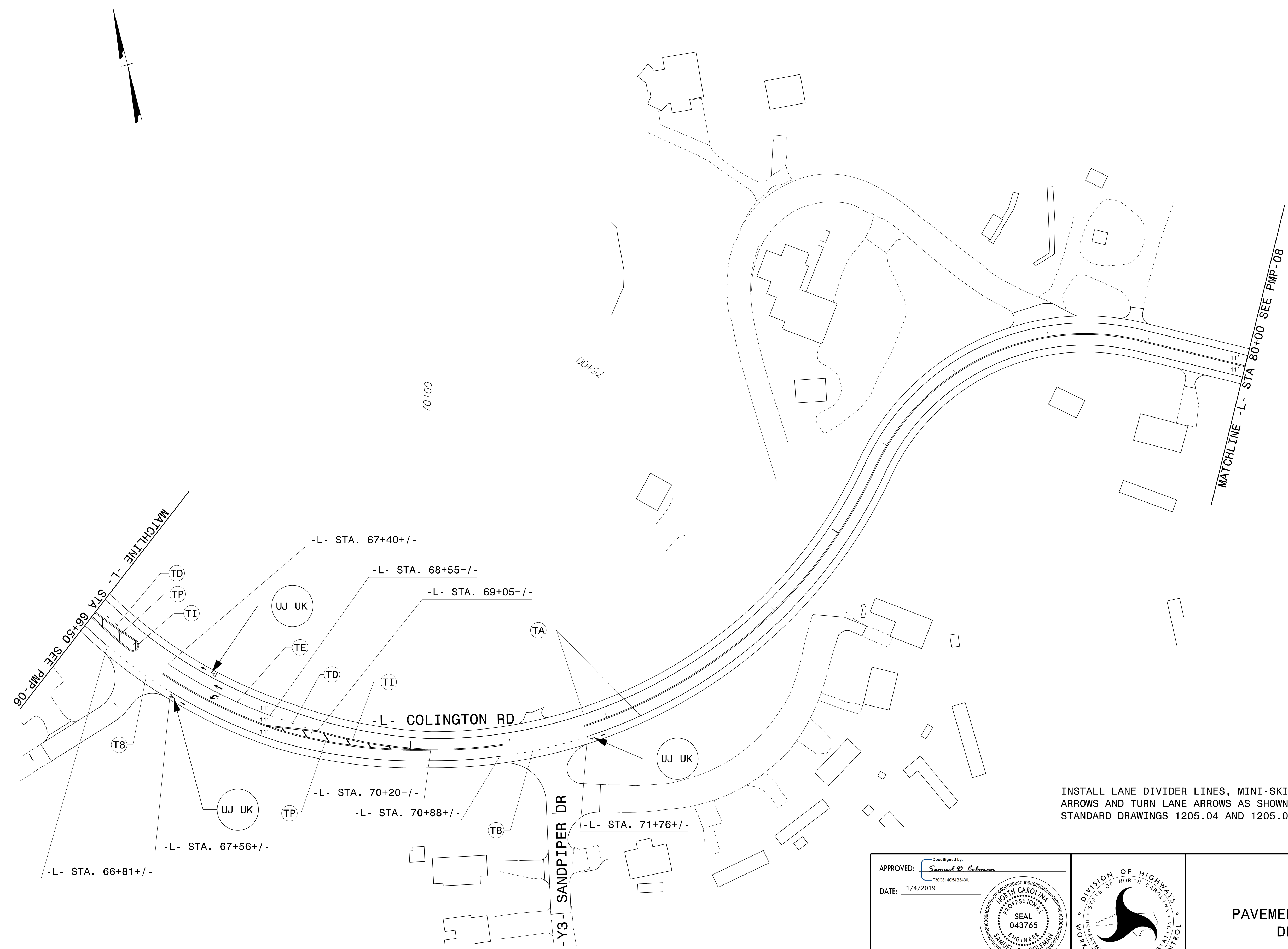
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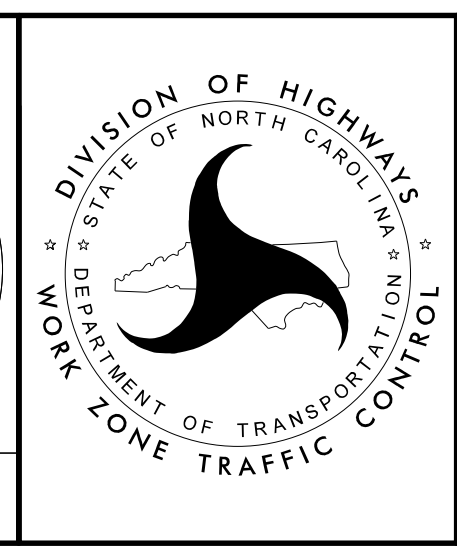
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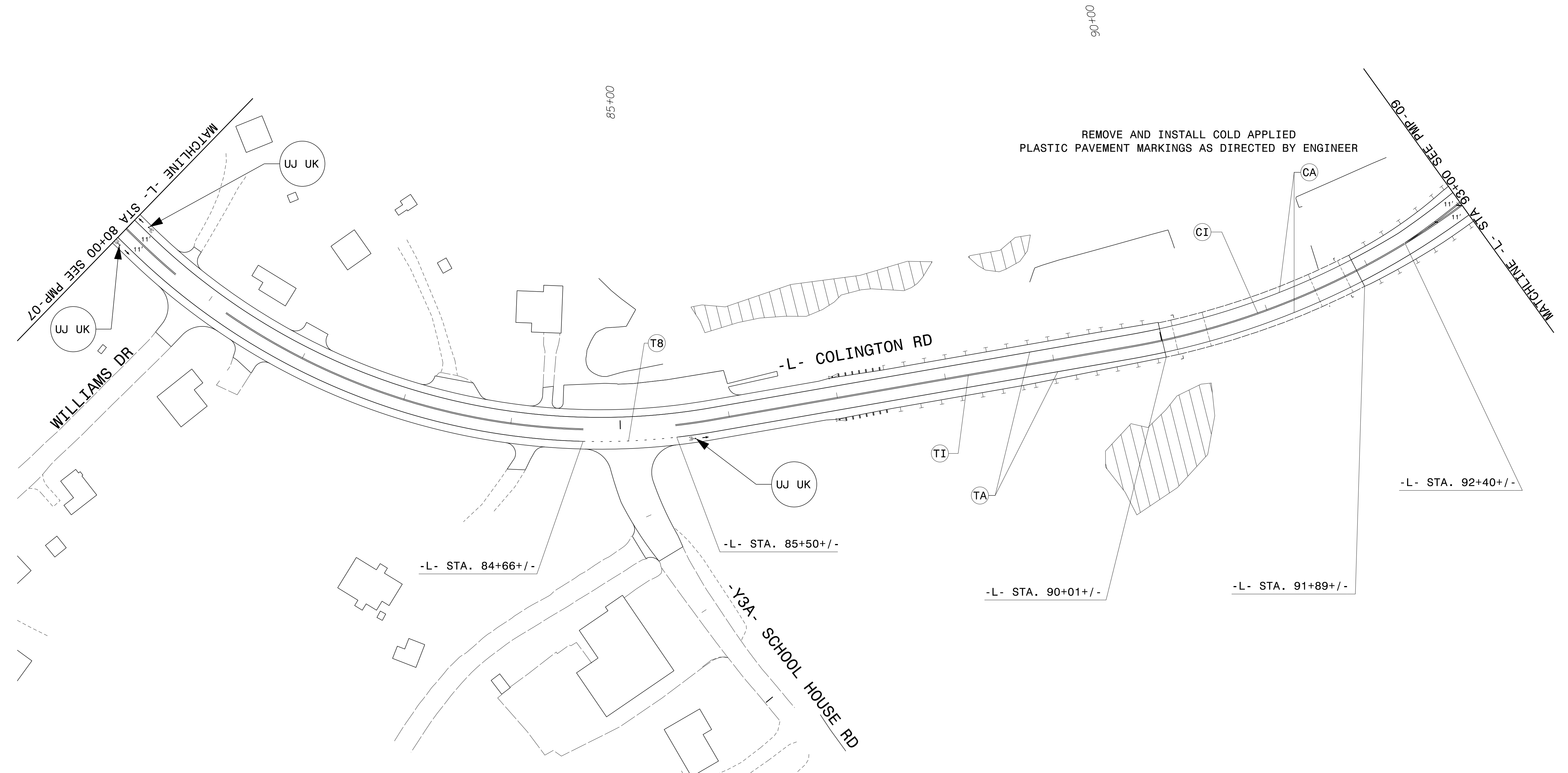
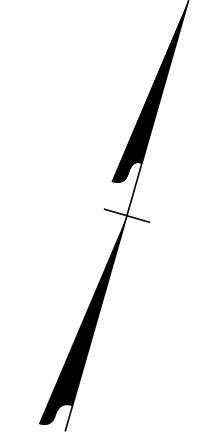
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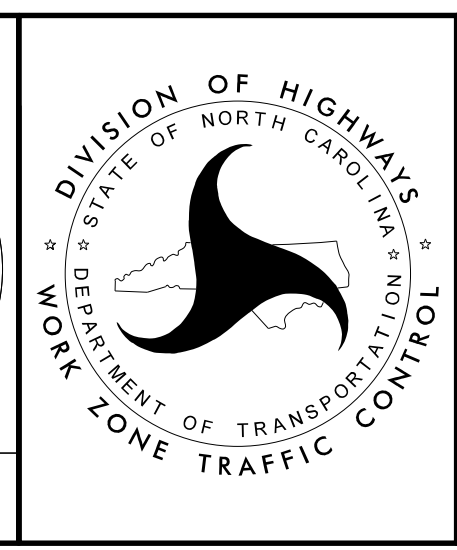


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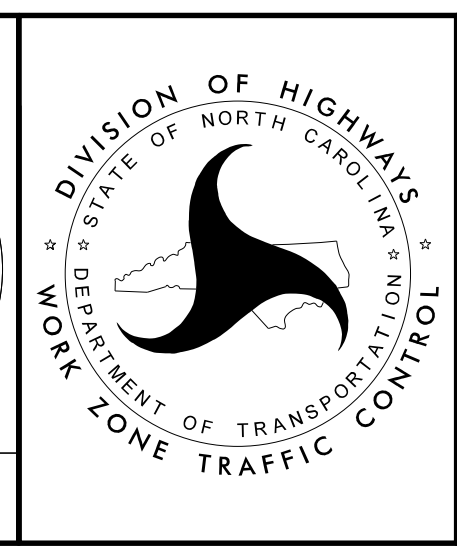
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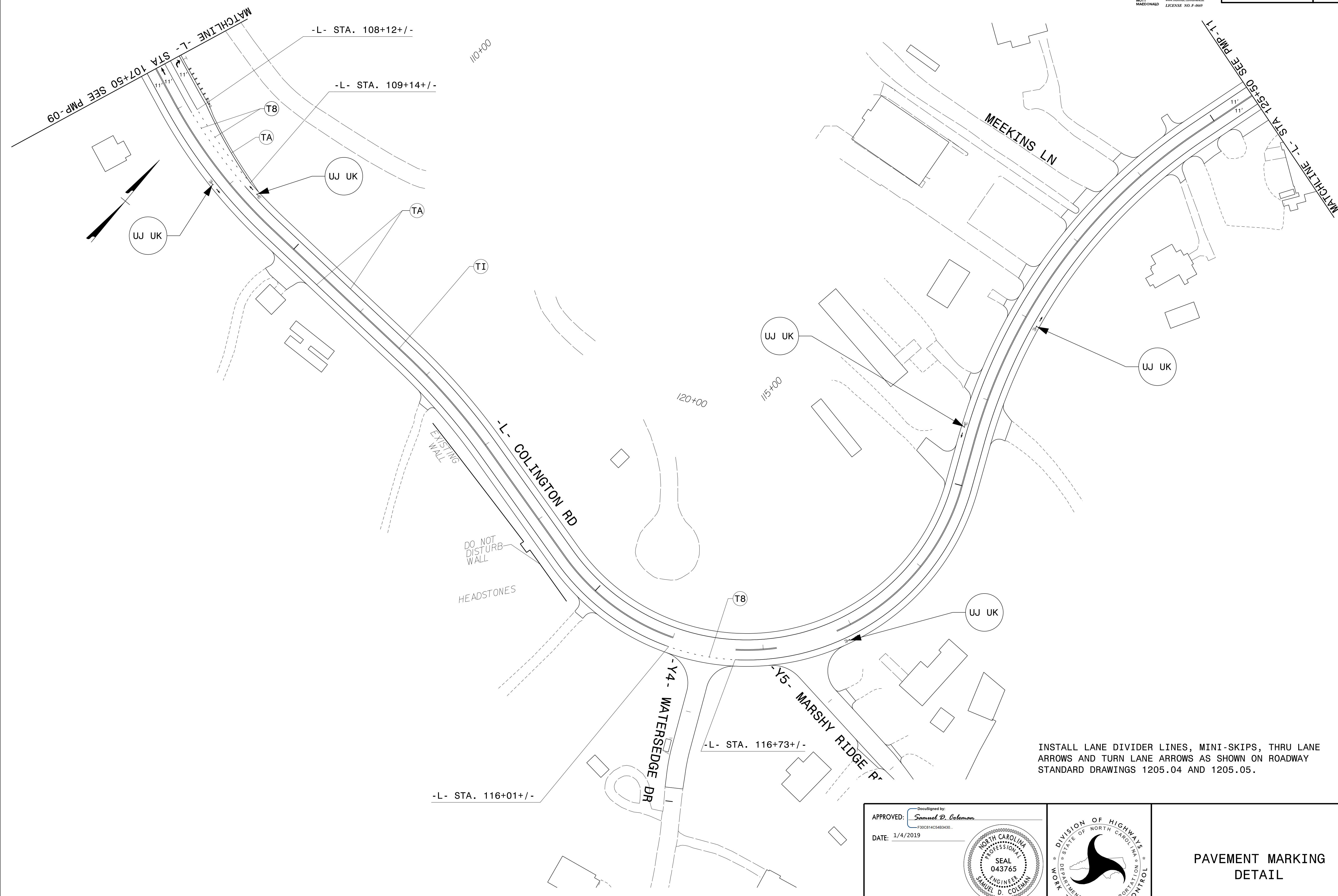
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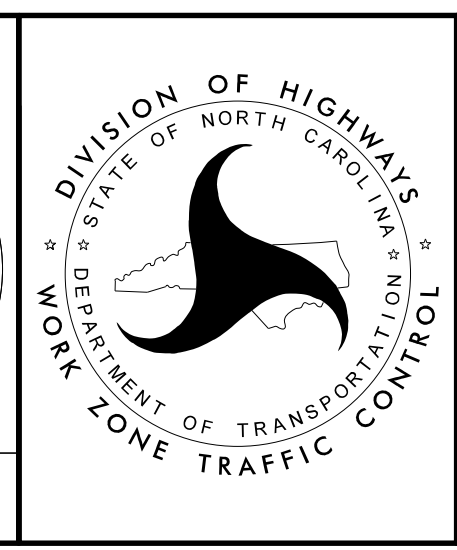
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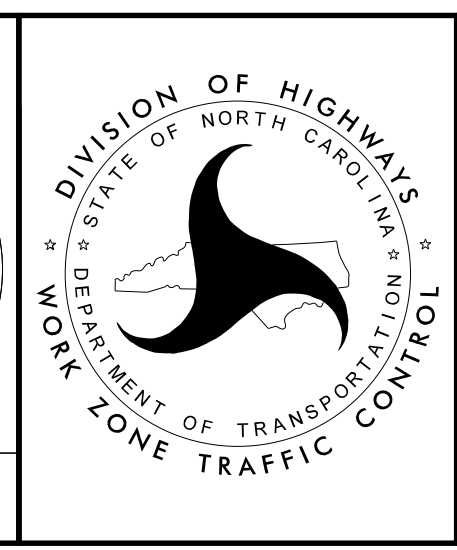


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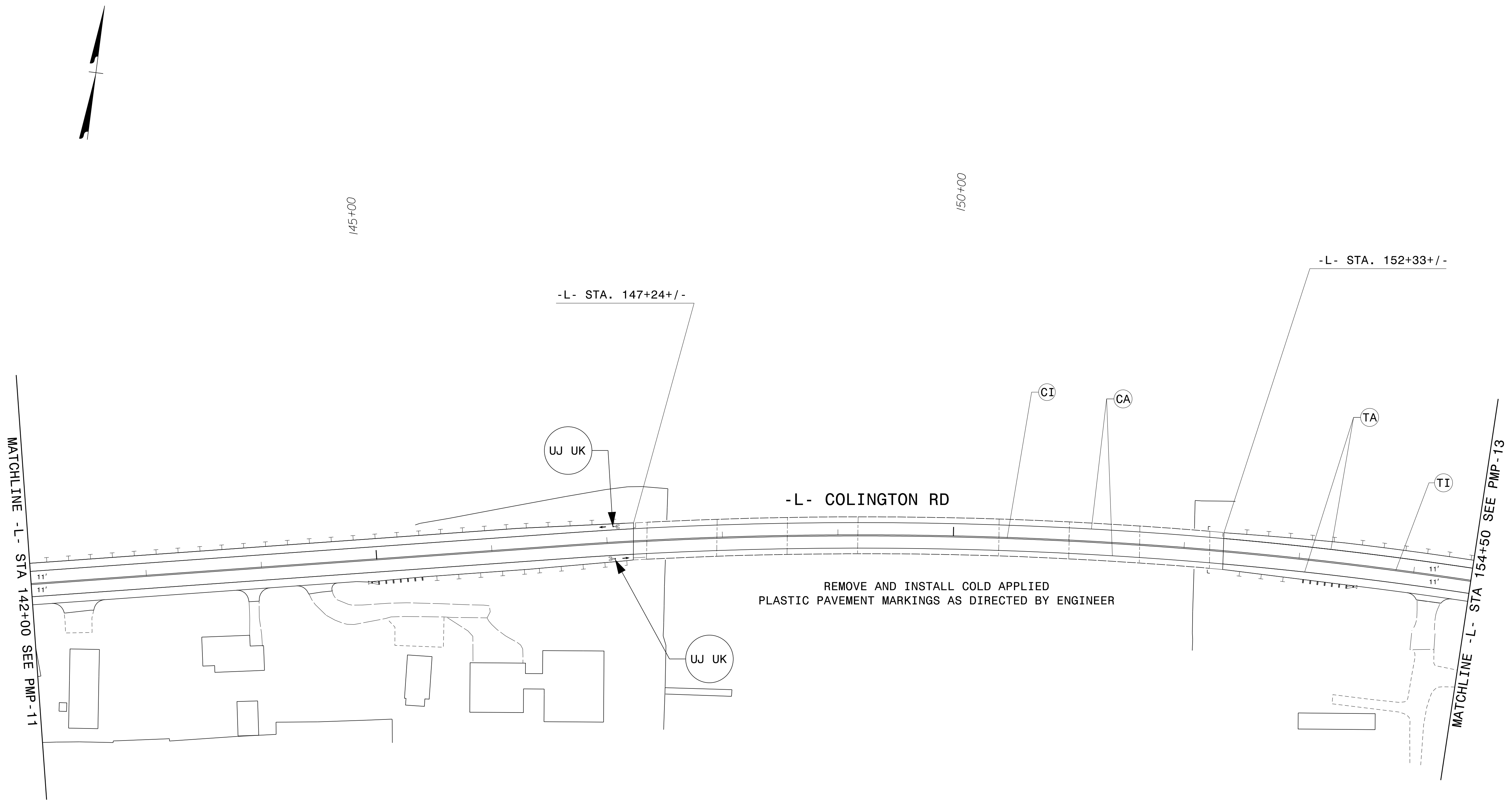
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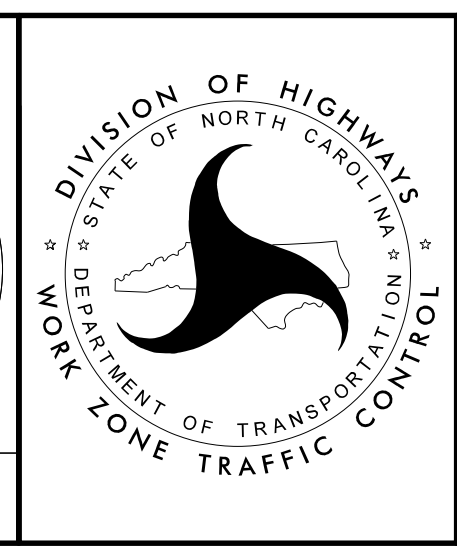
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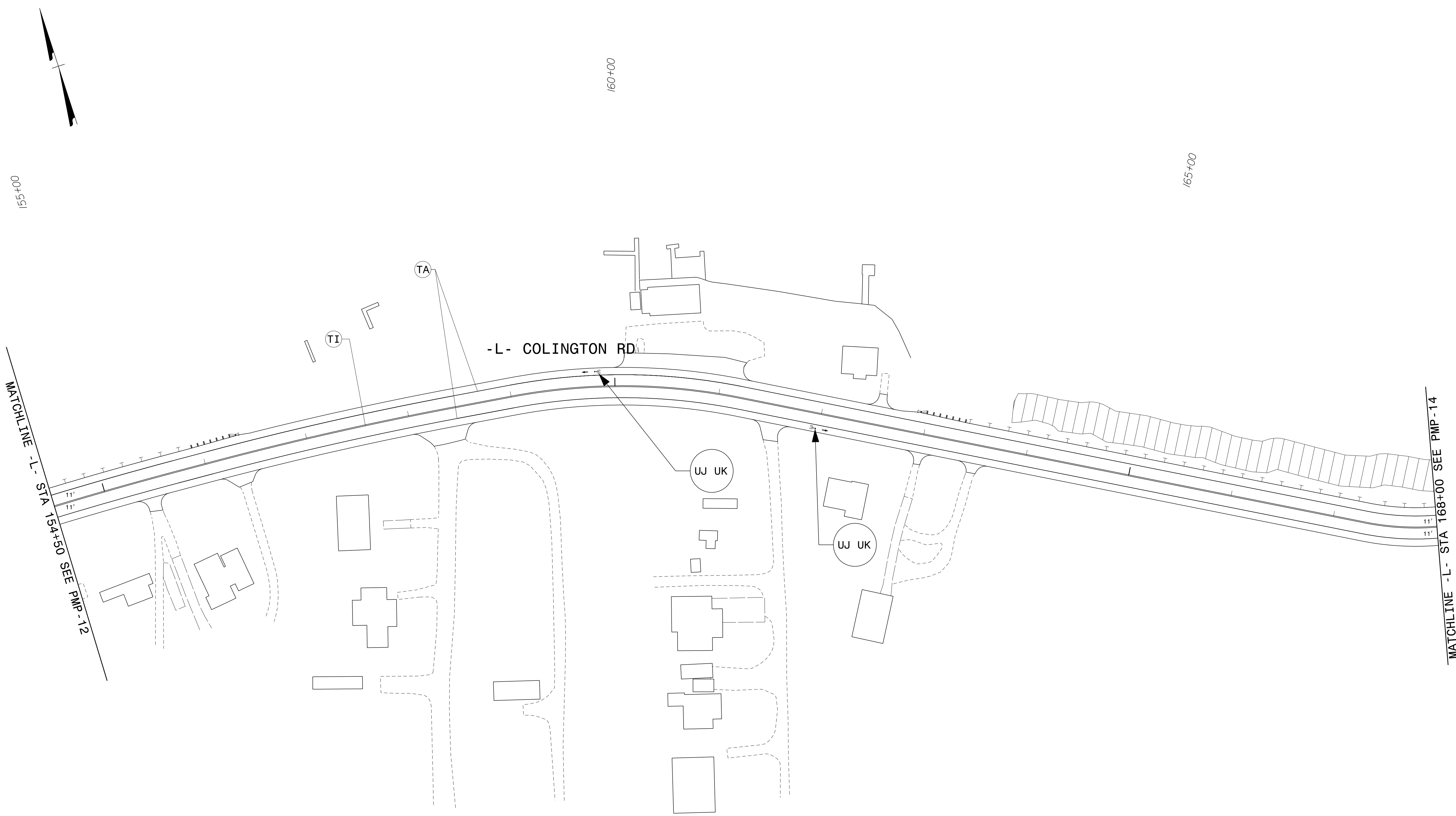
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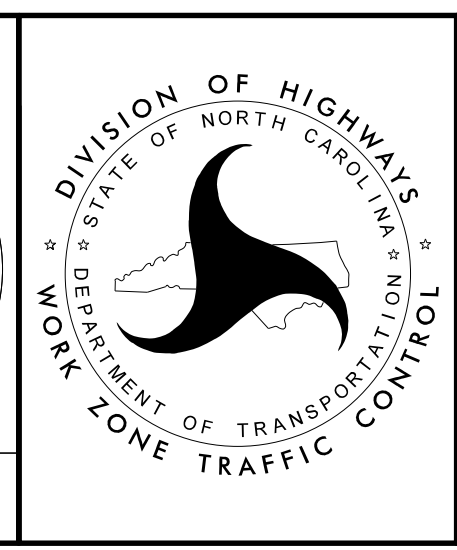
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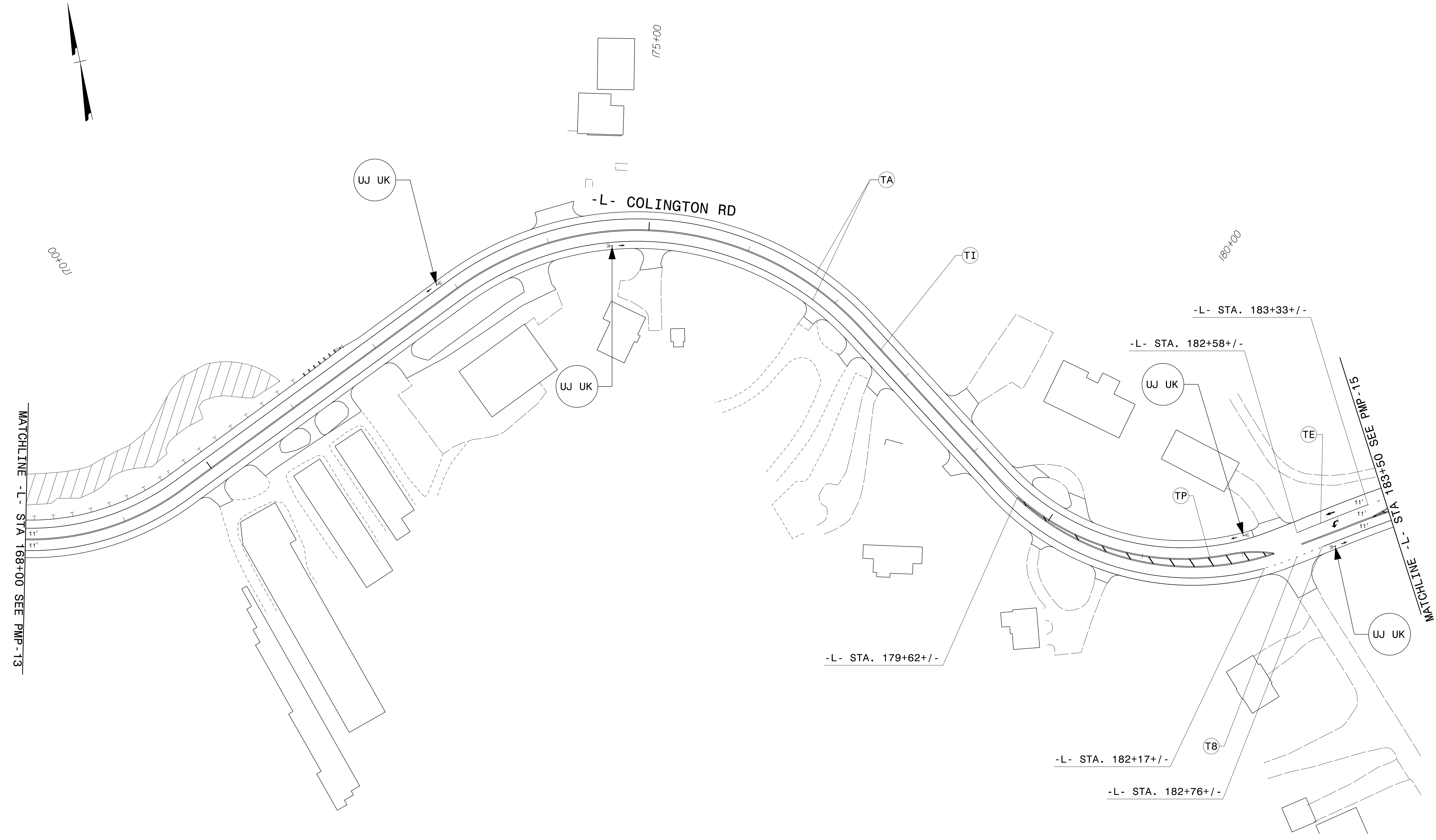
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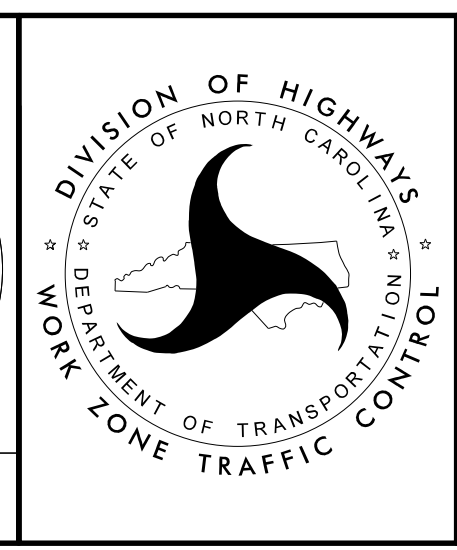
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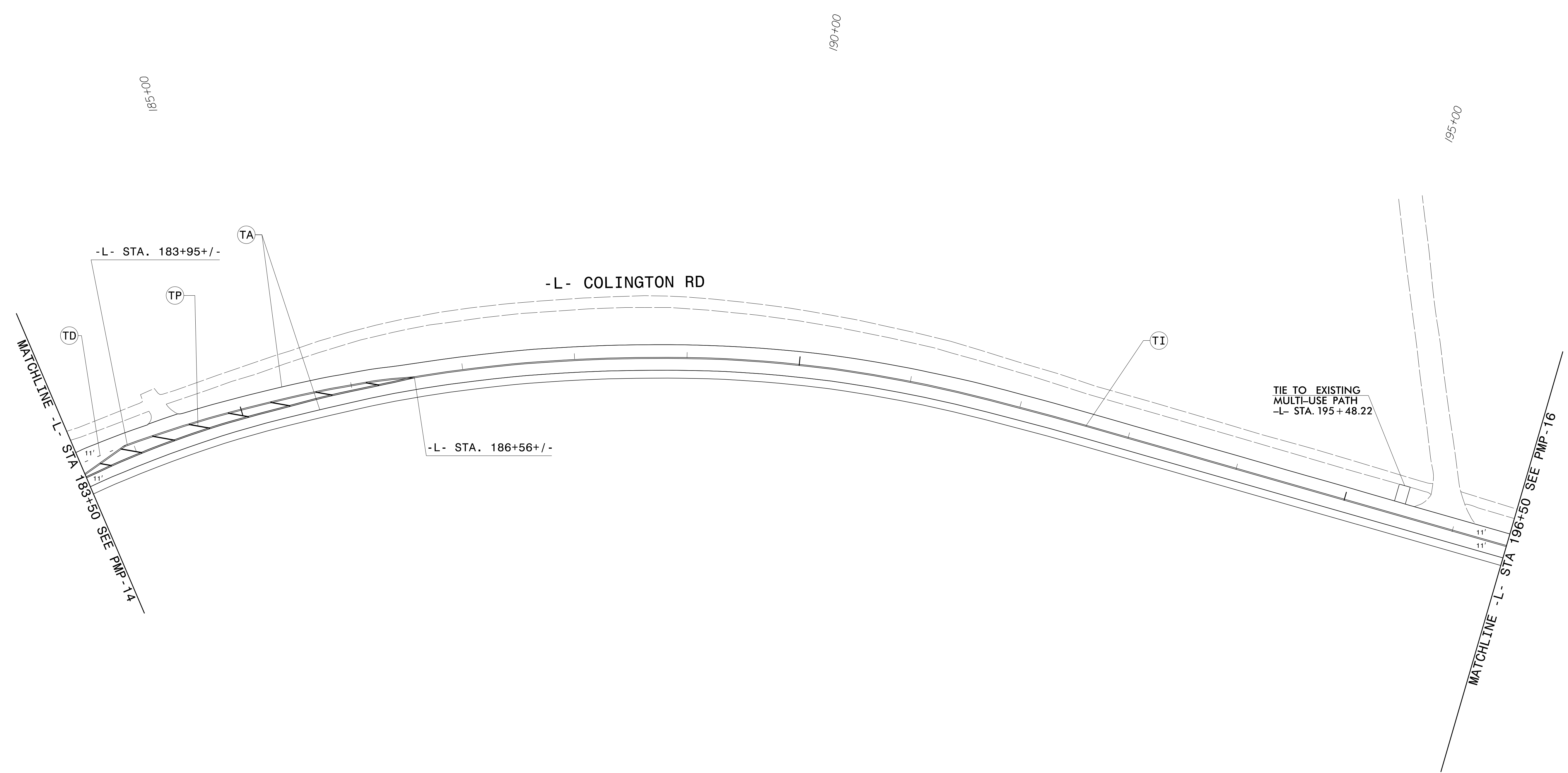
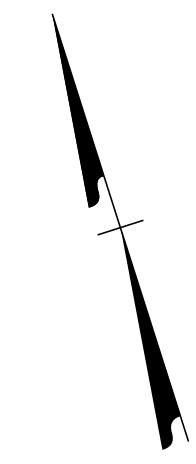
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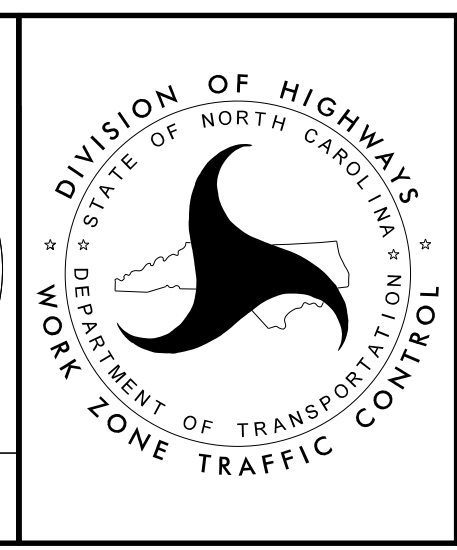


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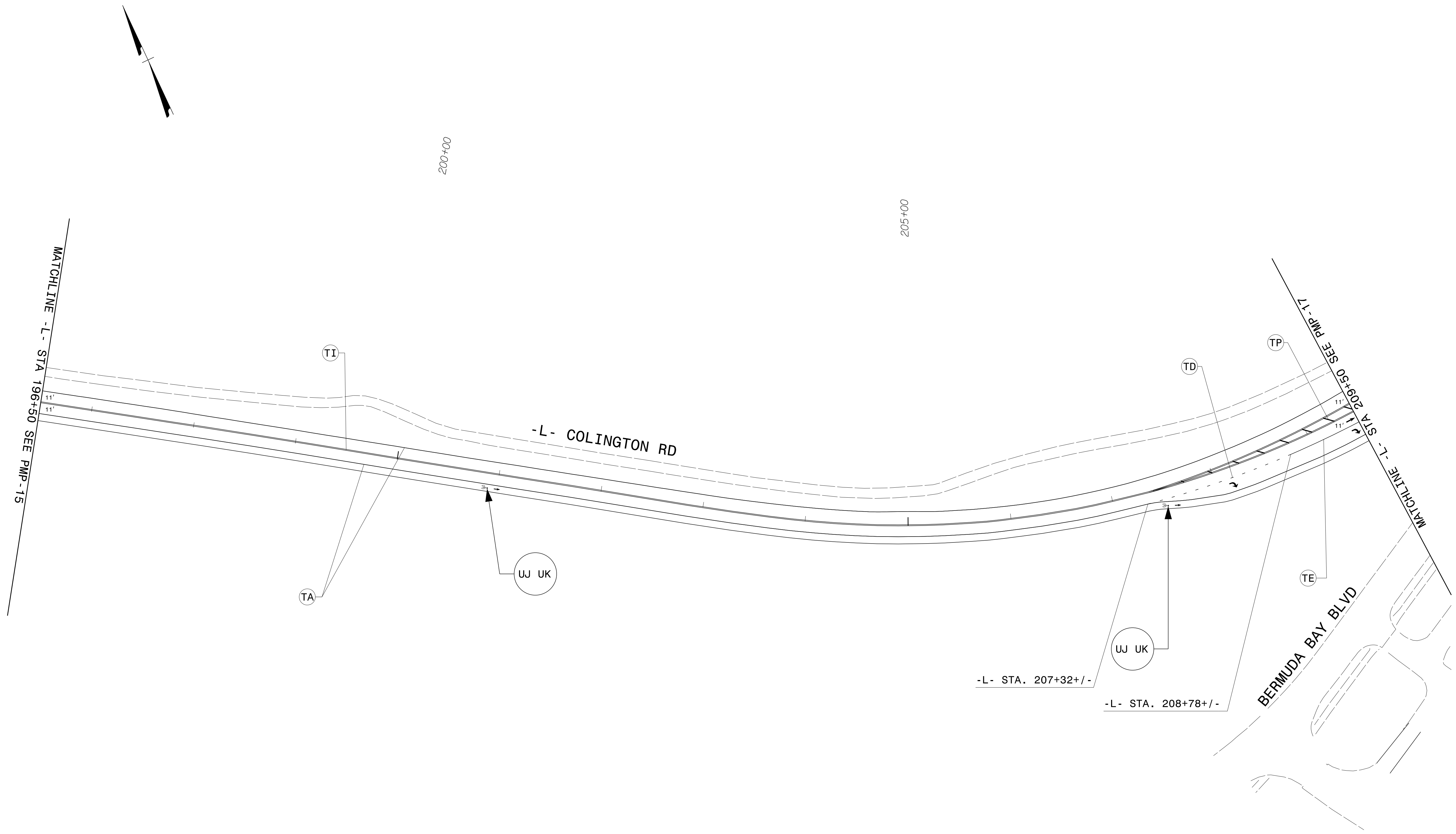
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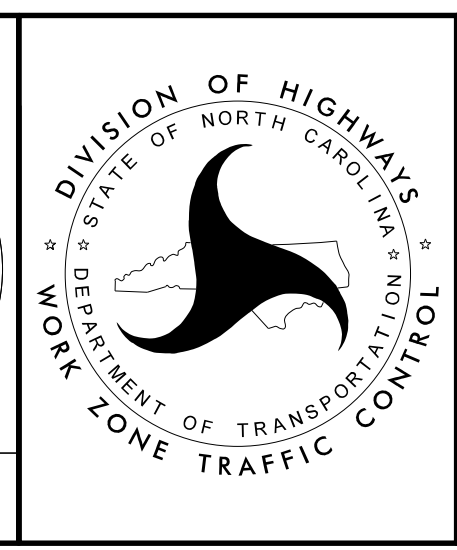


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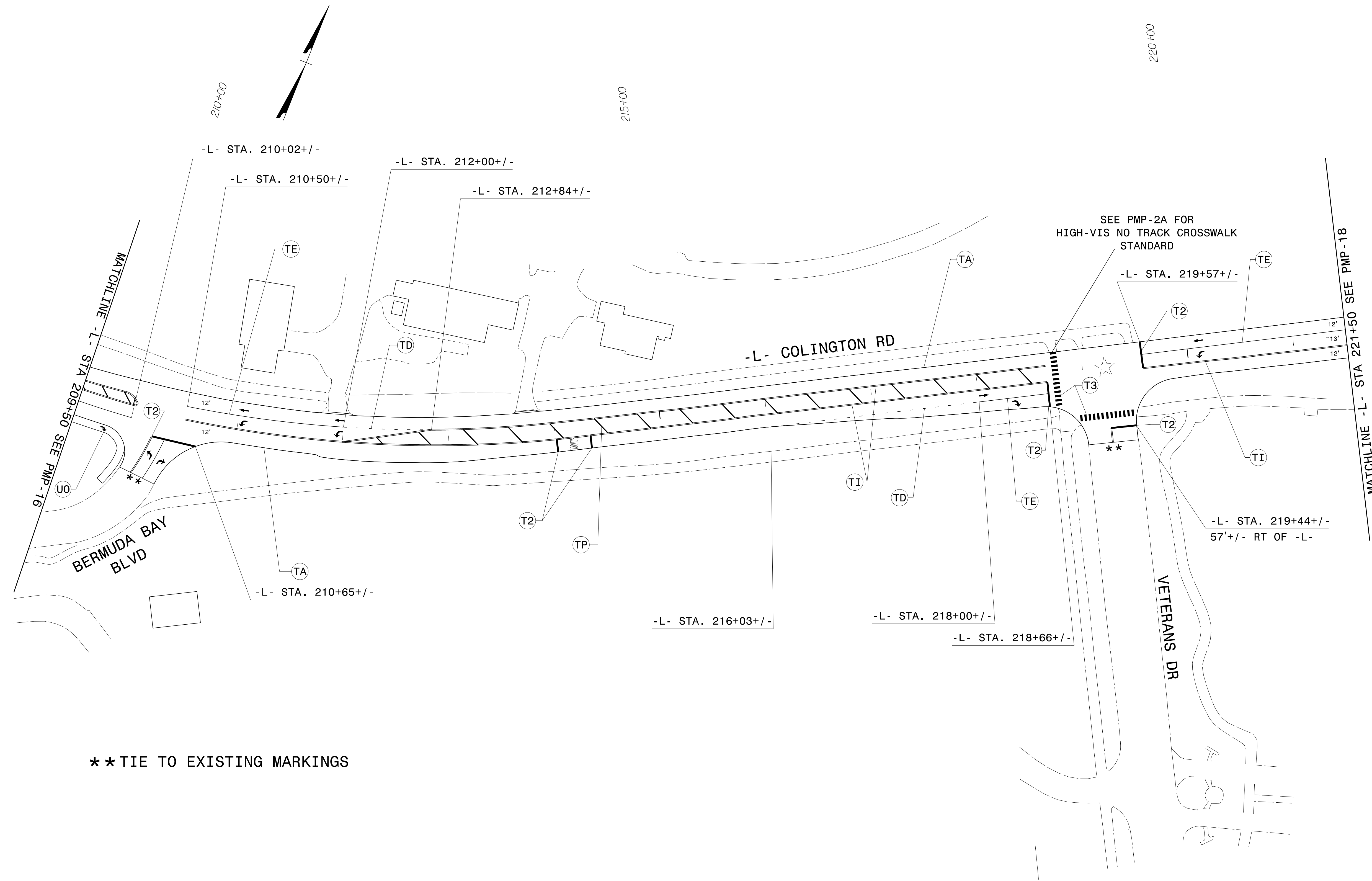
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APPROVED: *Samuel D. Coleman*
 DATE: 1/4/2019

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**PAVEMENT MARKING
 DETAIL**



INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

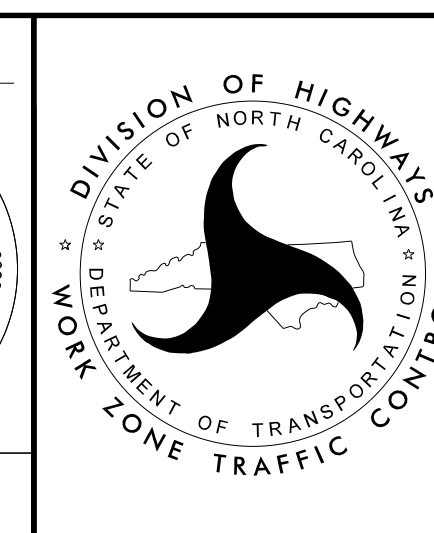
**TIE TO EXISTING MARKINGS

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 DATE: 1/4/2019

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 Samuel D. Coleman
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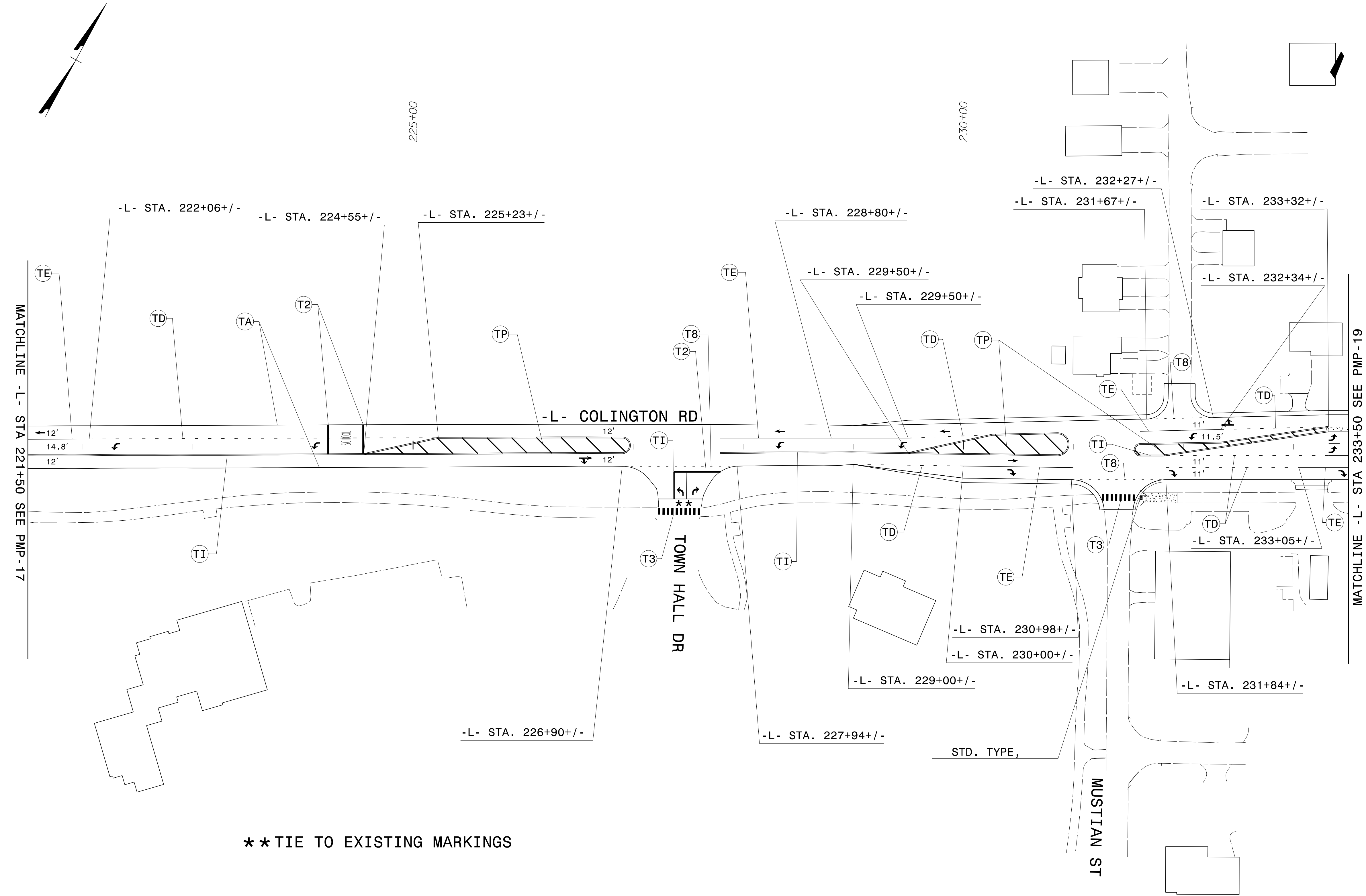
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
 043765
 SAMUEL D. COLEMAN

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PAVEMENT MARKING DETAIL

01/04/19
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 User:COL85144



** TIE TO EXISTING MARKINGS

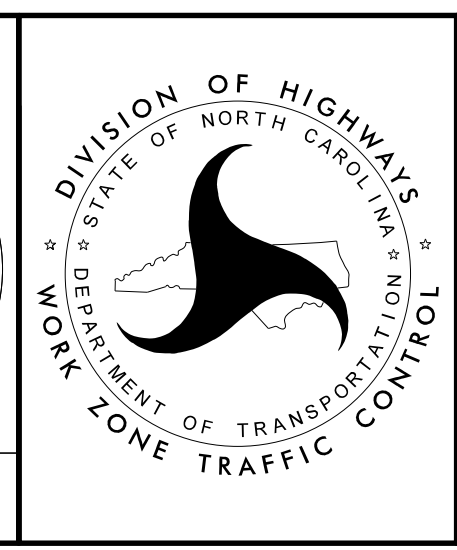
INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

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 DATE: 1/4/2019

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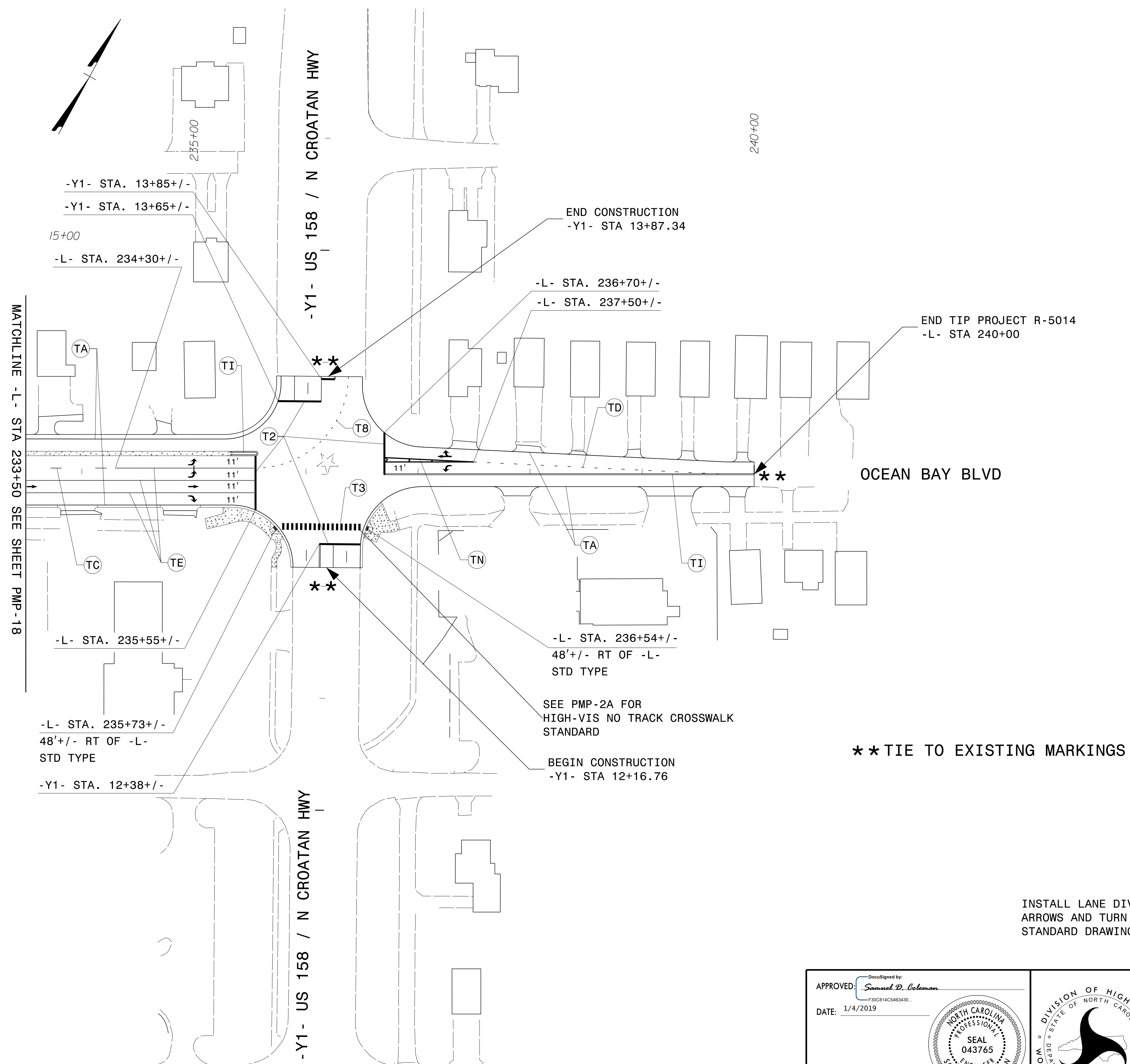
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INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

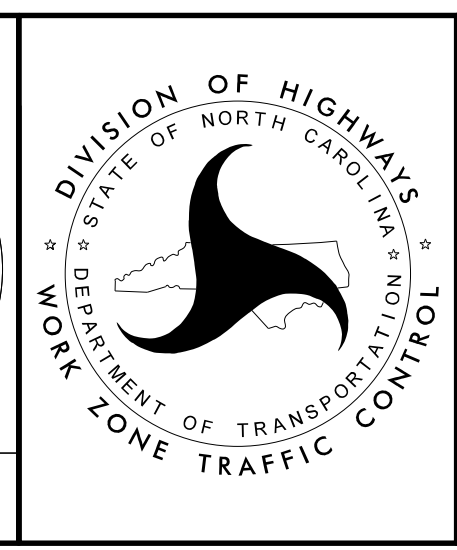
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**PAVEMENT MARKING
 DETAIL**