

9:25:17 AM C:\projects\19-77 Division 6 On Call\02 US 701 over Cape Fear River\NCDOT\Traffic\TrafficControl\TCP\ Pavement Marking\210.005.158061009011.PM_PMP_01.dgn

WBS 48793.3.1

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
BLADEN COUNTY**

**LOCATION: EMERGENCY REPLACEMENT OF BRIDGE NO. 080016 & NO. 080017
OVER CAPE FEAR RIVER ON US 701, NC 41 & NC 242
TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURES**

WBS NO. 48793.3.1	SHEET NO. PMP - 1
APPROVED: <small>DESIGNED BY: J. STUART BOURNE</small>	
DATE: 8/12/2020	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INDEX

SHEET NO.	DESCRIPTION
PMP - 1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP - 2 - 4	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 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
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
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
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
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

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:

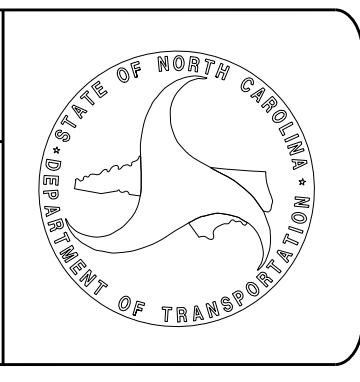
ROAD NAME	MARKING	MARKER
US 701	THERMOPLASTIC	RAISED
BRIDGE DECK	POLYUREA	RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED 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 (POLYUREA) 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.

PAVEMENT MARKING SCHEDULE

THERMO (4", 90 MIL)		
T1	WHITE EDGELINE	
T3	10 FT. WHITE SKIP	
T4	3 FT.-9 FT. SP WHITE MINISKIP	
T10	YELLOW EDGELINE	
THERMO (8", 90 MIL)		
T44	3 FT.-9 FT. SP WHITE MINI SKIP	
POLYUREA (4", 20 MIL)		
V1	WHITE EDGELINE	
V3	10 FT. WHITE SKIP	
V10	YELLOW EDGELINE	
THERMO. PAVEMENT MRKING SYMBOLS (90 MIL)		
UA	LEFT ARROW	
UC	THRU ARROW	
PAVEMENT MARKERS		
MB	RAISED MARKER	CRYSTAL/RED

PLAN SUBMITTED TO: NCDOT DIVISION 6

<u>FRANK D. WEST JR.</u>	DIVISION TRAFFIC ENGINEER
<u>AYMAN I. ALQUDWAH, P.E.</u>	SIGNING AND DELINEATION REGIONAL ENGINEER

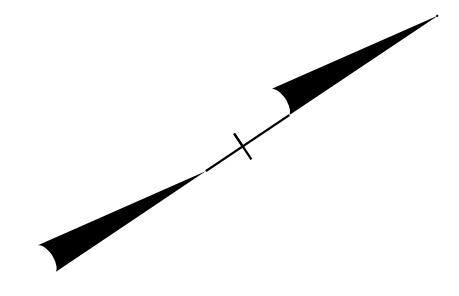
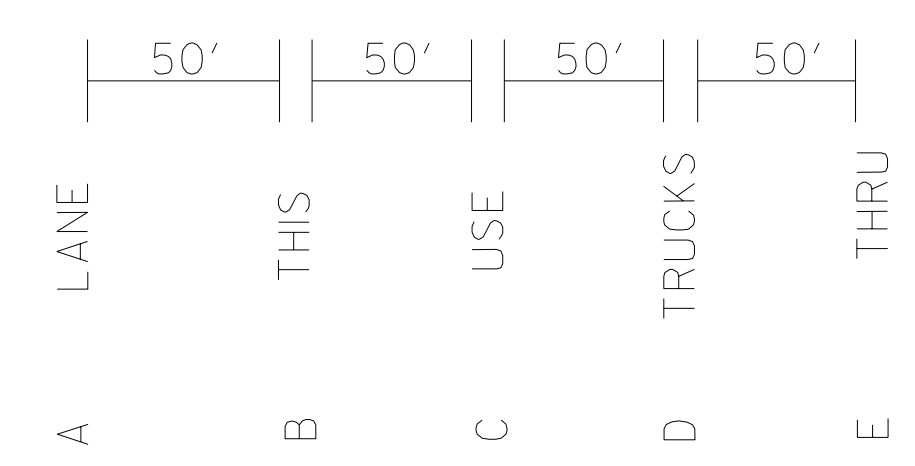


PLAN PREPARED BY: INFRASTRUCTURE CONSULTING & ENGINEERING

<u>J. STUART BOURNE, PE</u>	PROJECT ENGINEER
<u>MOHIT MATHEW, EIT</u>	TRAFFIC E.I.T.

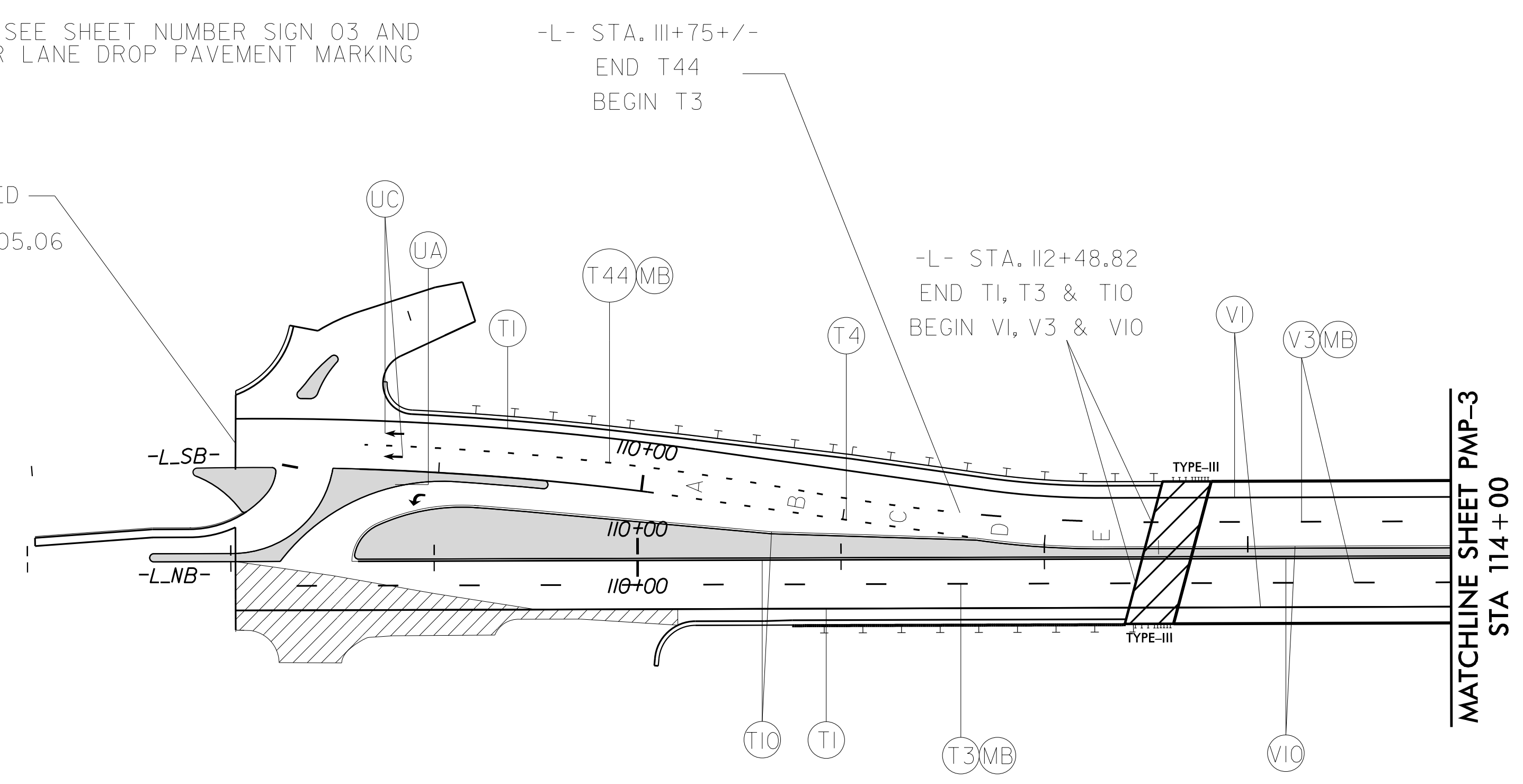
ICE of CAROLINAS, PLLC

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REFERENCE SIGN NUMBER 402. SEE SHEET NUMBER SIGN 03 AND RSD 1205.06 SHEET 1 OF 5 FOR LANE DROP PAVEMENT MARKING

NOTE: REPLACE PAVEMENT MARKINGS OBLITERATED DUE TO PAVEMENT MILLING BETWEEN -L- STA. 103+63+/- TO 107+03+/- ACCORDING TO RSD 1205.06 SHEET 1 OF 5.

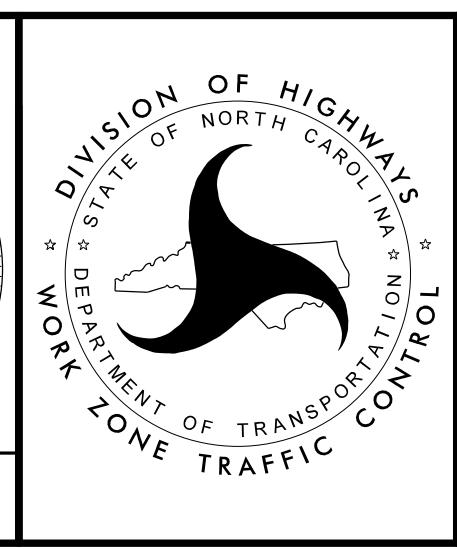


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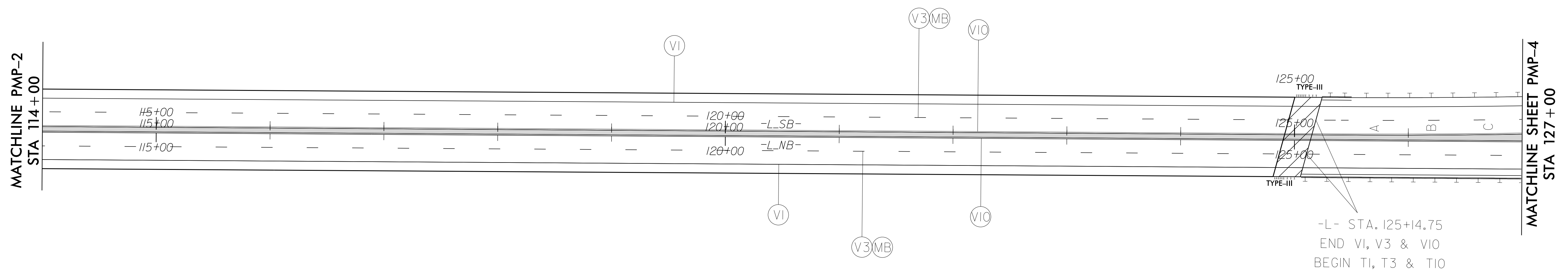
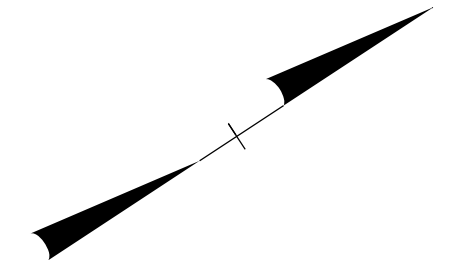
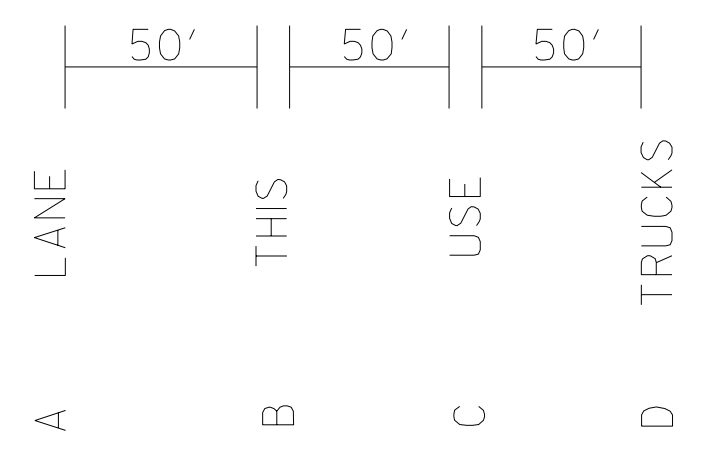
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PAVEMENT MARKING DETAIL



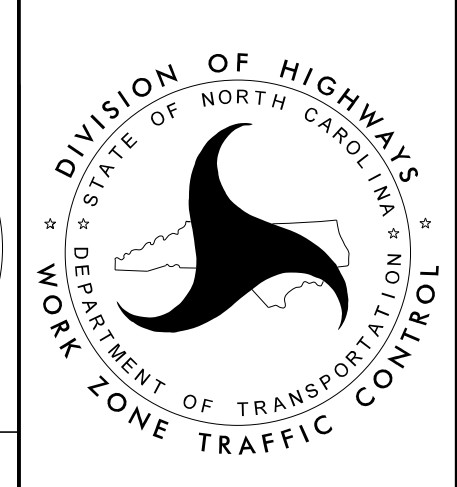
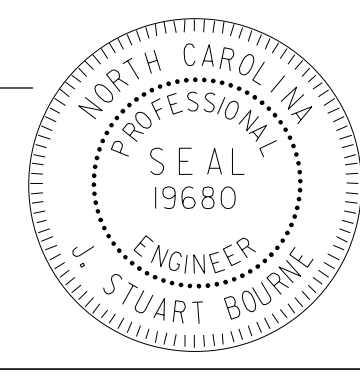
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J. Stuart Bourne
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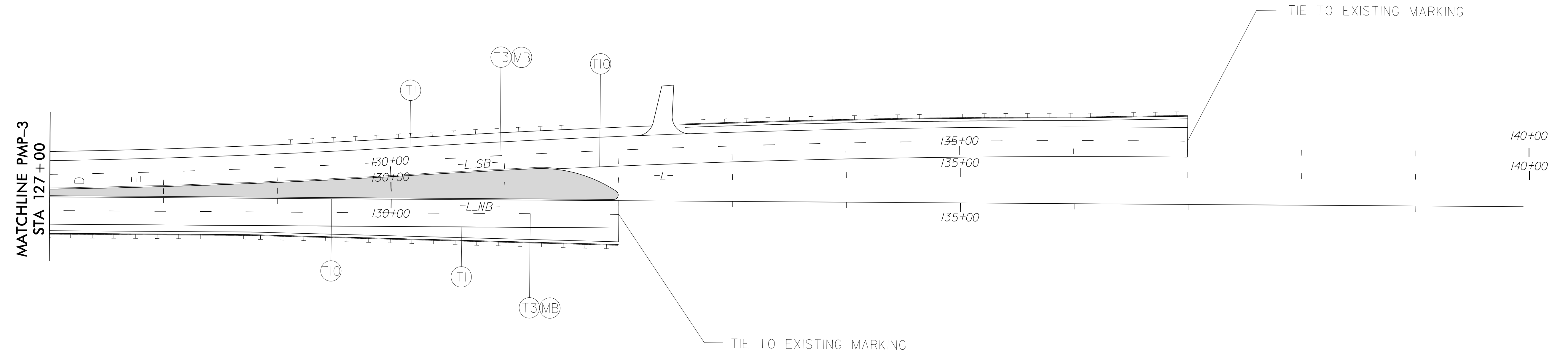
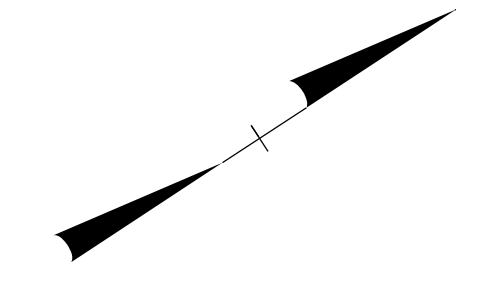
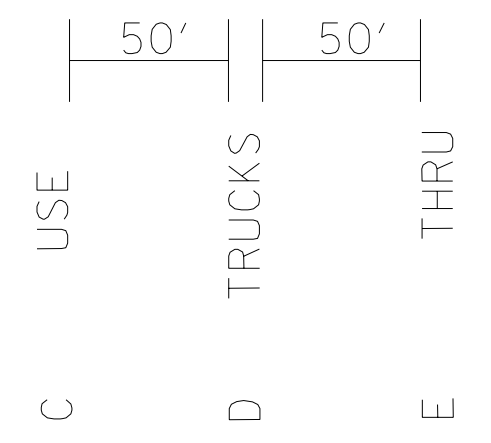
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PAVEMENT
MARKING
DETAIL



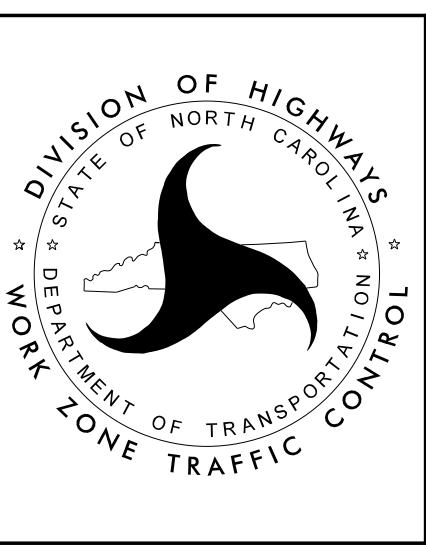
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DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

PAVEMENT
MARKING
DETAIL