


T.I.P.: B-5869

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
BURKE COUNTY**

**LOCATION: BRIDGE NO. 99 ON US 64/US 70 (FLEMING DRIVE)
OVER SOUTHERN RAILROAD**

TIP NO. B-5869	SHEET NO. PMP-1
APPROVED: <u>Michael T. Rzepka</u>	
DATE: <u>3/27/2023</u>	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, GENERAL NOTES, ROADWAY STANDARD DRAWINGS, INDEX, AND PAVEMENT MARKING SCHEDULE
PMP-1A	PAVEMENT MARKING DETAIL
PMP-2 THRU PMP-3	PAVEMENT MARKING PLANS

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 ROADS	POLYUREA	SNOWPLOWABLE (RAISED ON BRIDGE DECKS)

B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

D) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING POLYUREA PAVEMENT MARKING MATERIAL.

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.

PAVEMENT MARKING SCHEDULE

T42	THERMOPLASTIC 8" YELLOW DIAGONAL (90 MIL)
T46	THERMOPLASTIC 8" WHITE CROSSWALK LINE (90 MIL)
T52	THERMOPLASTIC 12" YELLOW DIAGONAL (90 MIL)
T61	THERMOPLASTIC 24" WHITE STOPBAR (90 MIL)
T70	THERMOPLASTIC LEFT TURN ARROW (90 MIL)
T71	THERMOPLASTIC RIGHT TURN ARROW (90 MIL)
T72	THERMOPLASTIC STRAIGHT ARROW (90 MIL)
T74	THERMOPLASTIC COMBO RIGHT-STRAIGHT ARROW (90 MIL)
T75	THERMOPLASTIC COMBO LEFT-RIGHT ARROW (90 MIL)
T100	THERMOPLASTIC ALPHANUMERIC CHARACTER (90 MIL)
V2	POLYUREA 4" WHITE SOLID LANE LINE (20 MIL)
V3	POLYUREA 4" 10'-30'/SP. WHITE SKIP (20 MIL)
V4	POLYUREA 4" 3'-9'/SP. WHITE MINI-SKIP (20 MIL)
V5	POLYUREA 4" 2'-6'/SP. WHITE MINI-SKIP (20 MIL)
V10	POLYUREA 4" YELLOW EDGELINE (20 MIL)
V11	POLYUREA 4" YELLOW SINGLE CENTER (20 MIL)
V12	POLYUREA 4" 10'-30'/SP. YELLOW SKIP (20 MIL)
V13	POLYUREA 4" YELLOW DOUBLE CENTER (20 MIL)
V40	POLYUREA 8" WHITE GORELINE (20 MIL)

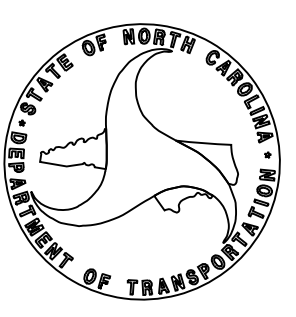
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - 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 MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
(SHEET 1 OF 2 ONLY. SEE PMP-1A FOR REVISED SHEET 2 OF 2)	
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
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

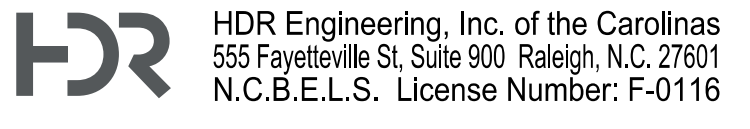
PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN	SIGNING & DELINEATION STANDARDS ENGINEER
WALTER JOHNSON	SIGNING & DELINEATION PROJECT DESIGN ENGINEER




PLAN PREPARED BY: HDR ENGINEERING, INC. OF THE CAROLINAS

MIKE RZEPKA, P.E.	SIGNING & DELINEATION PROJECT DESIGN ENGINEER
CHRIS HARNDEN	SIGNING & DELINEATION PROJECT DESIGN TECHNICIAN



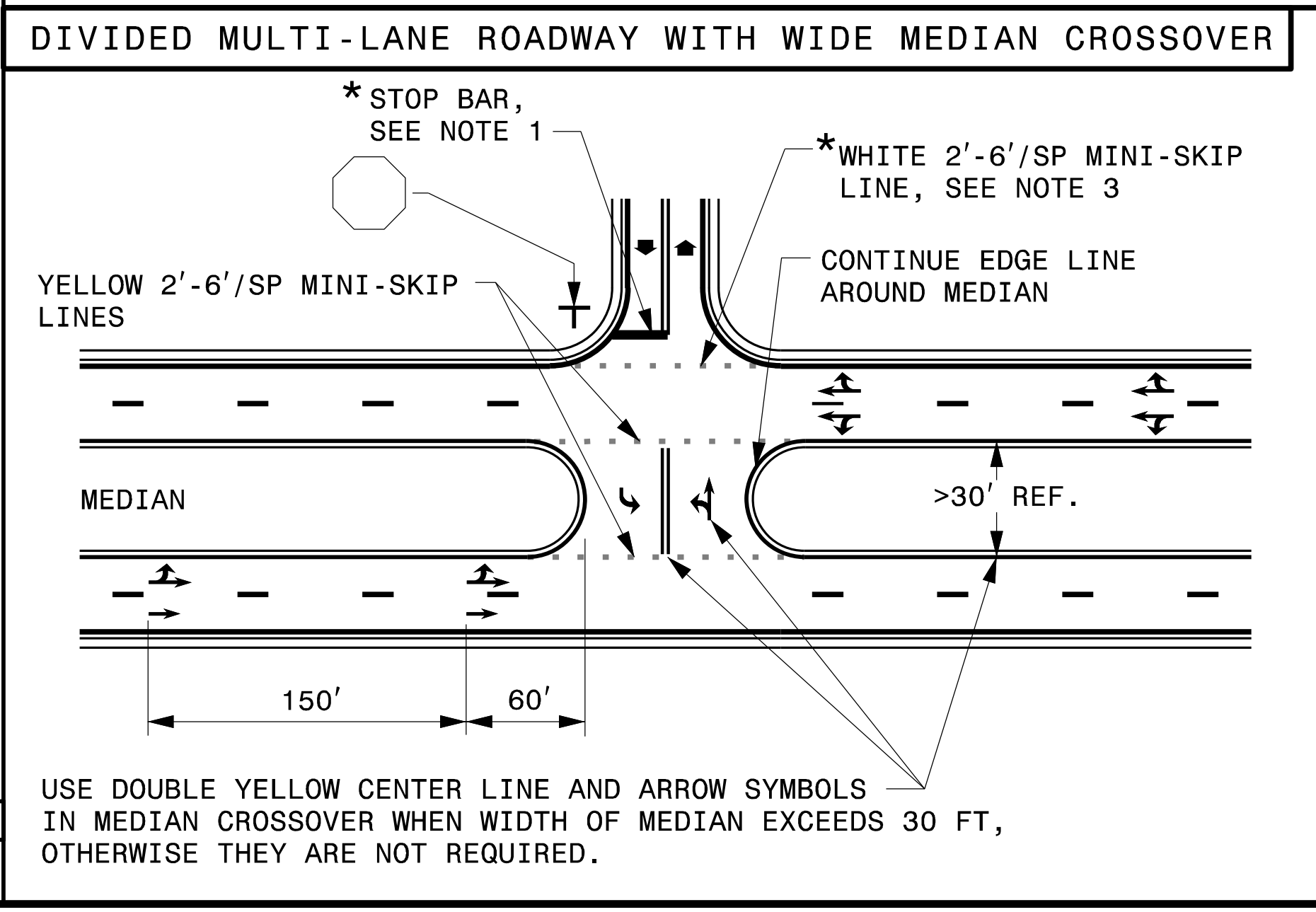
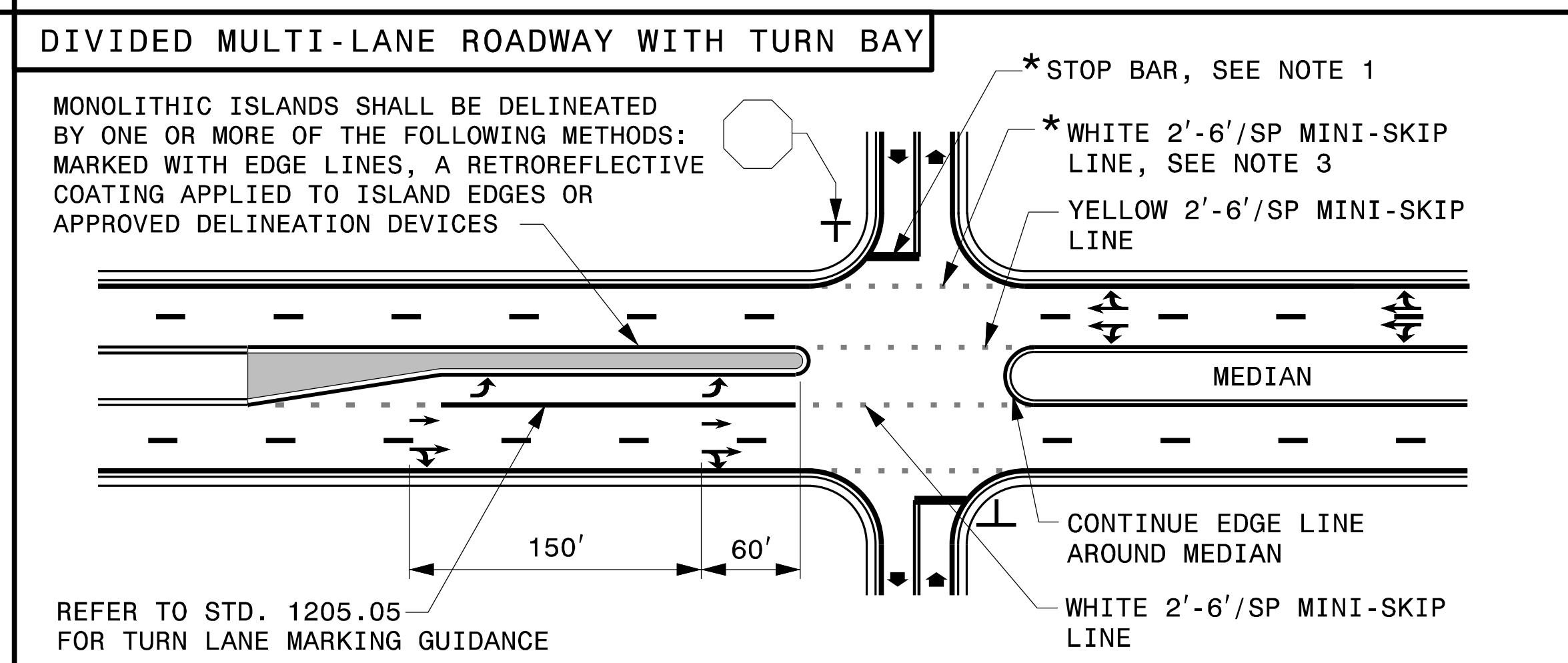
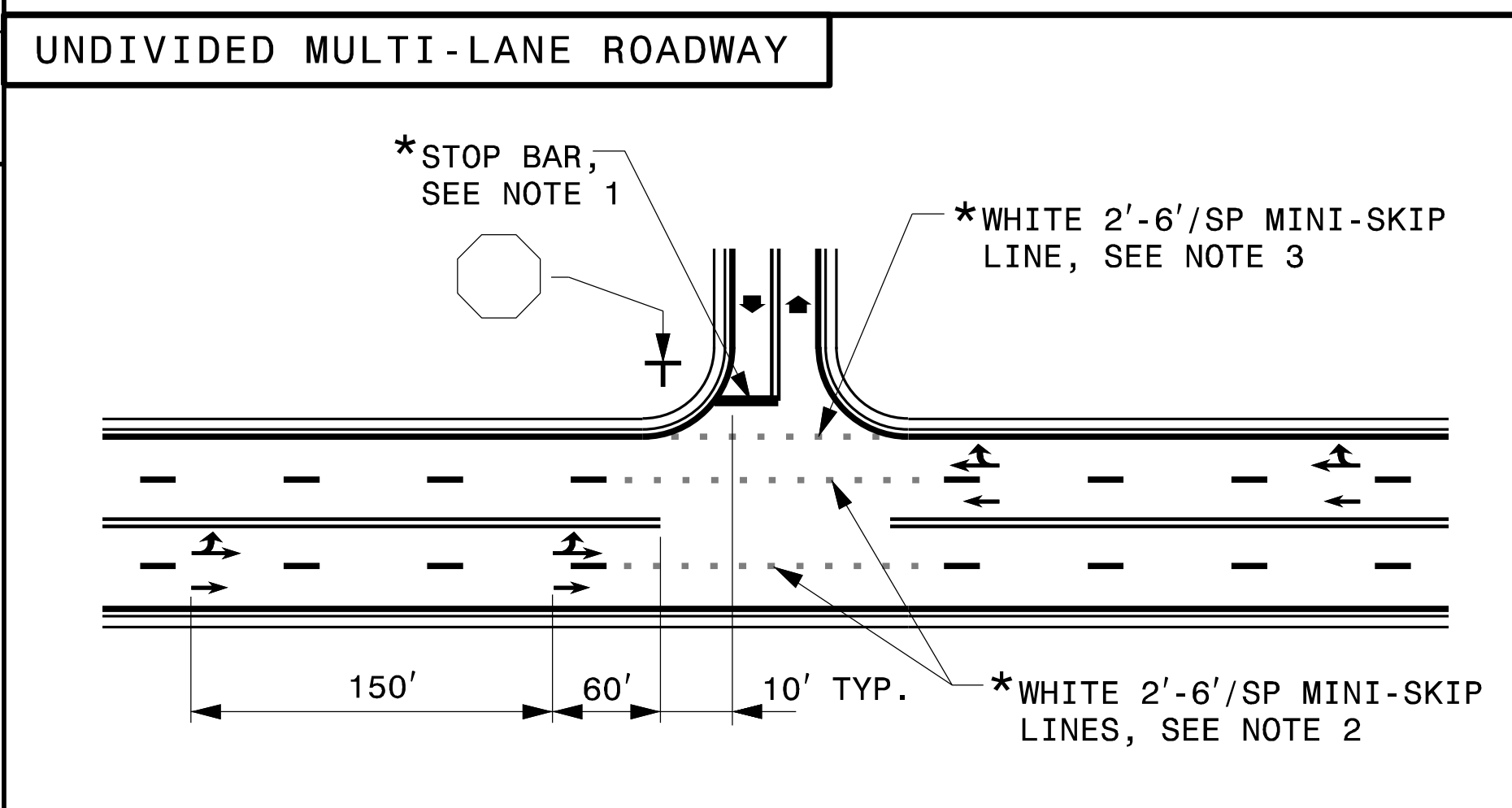
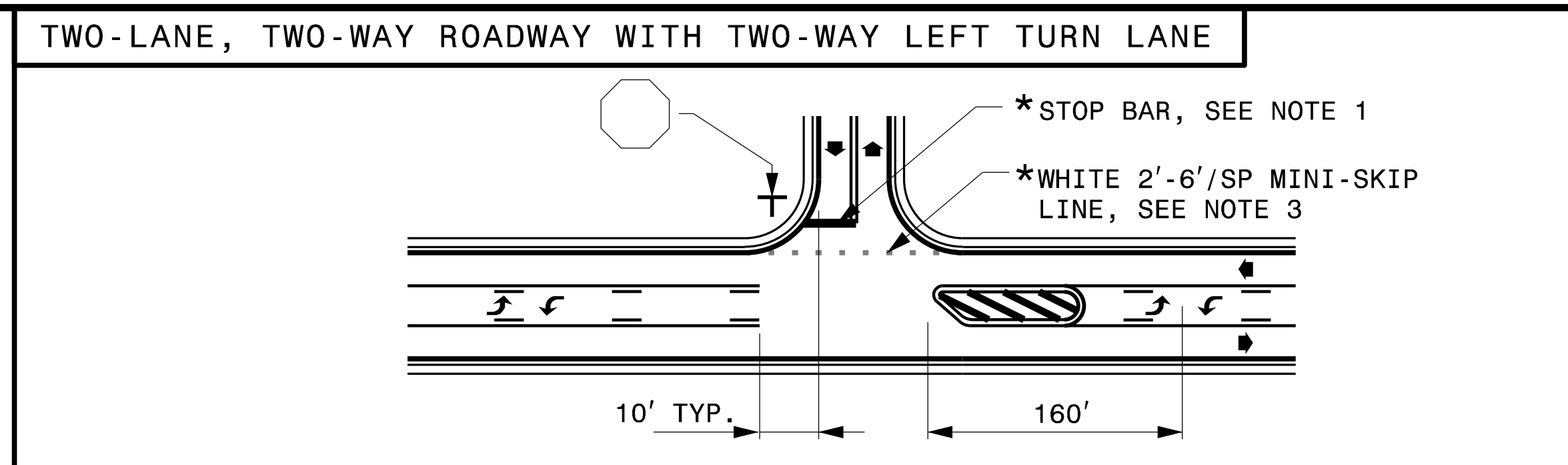
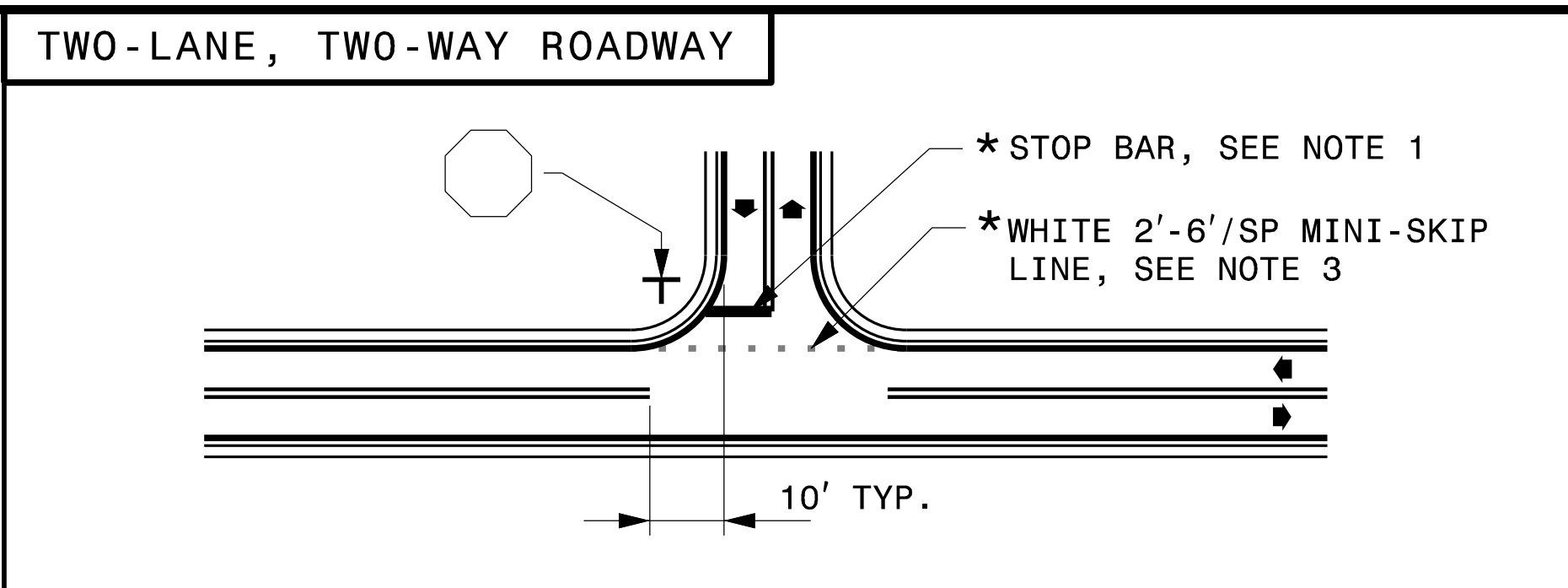
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TIP NO.	SHEET NO.
B-5869	RMP-1A
APPROVED: <i>Matthew V. Springer</i>	
DATE: 8/13/2019	
SEAL	
	

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

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 INTERSECTIONS

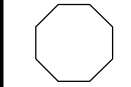

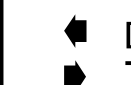

SHEET 2 OF 2
1205D04



GENERAL NOTES:

- 1- PLACEMENT OF STOP BARS AT NON-SIGNALIZED INTERSECTIONS IS OPTIONAL AND USED WHERE IT IS IMPORTANT TO INDICATE THE POINT WHICH VEHICLES ARE REQUIRED TO STOP. PLACE STOP BARS NO LESS THAN 4 FEET AND NO MORE THAN 30 FEET FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY. USE 10 FEET AS THE TYPICAL SETBACK DISTANCE OR AS DIRECTED BY THE ENGINEER.
- 2- MINI-SKIP LANE LINE EXTENSIONS SHOULD BE USED AT INTERSECTIONS THAT HAVE REDUCED VISIBILITY CONDITIONS SUCH AS OFFSET, SKEWED, OR CURVED ROADWAYS.
- 3- MINI-SKIP EDGE LINE EXTENSIONS MAY BE PLACED THROUGH INTERSECTIONS AND MAJOR DRIVEWAYS.
- 4- REFER TO ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.05, 1205.08 AND 1205.09 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

 STOP SIGN	 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW	 PAVEMENT MARKING SYMBOLS
* OPTIONAL	

SHEET 2 OF 2
1205D04


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ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 INTERSECTIONS

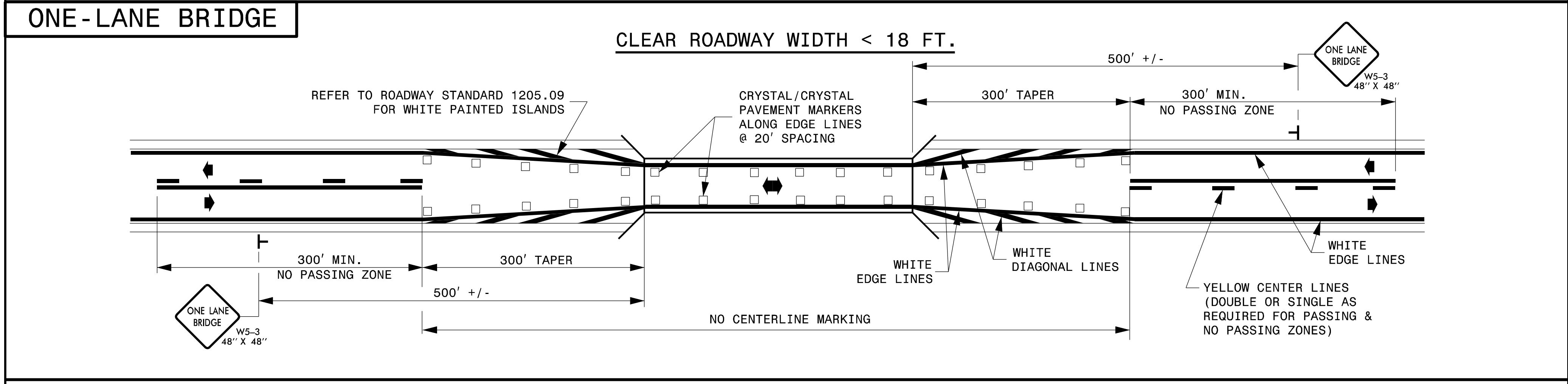
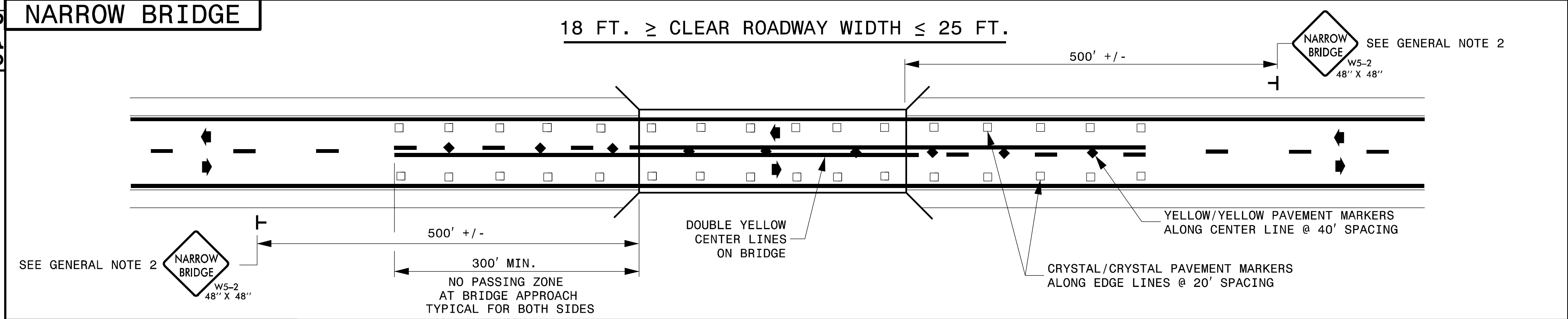
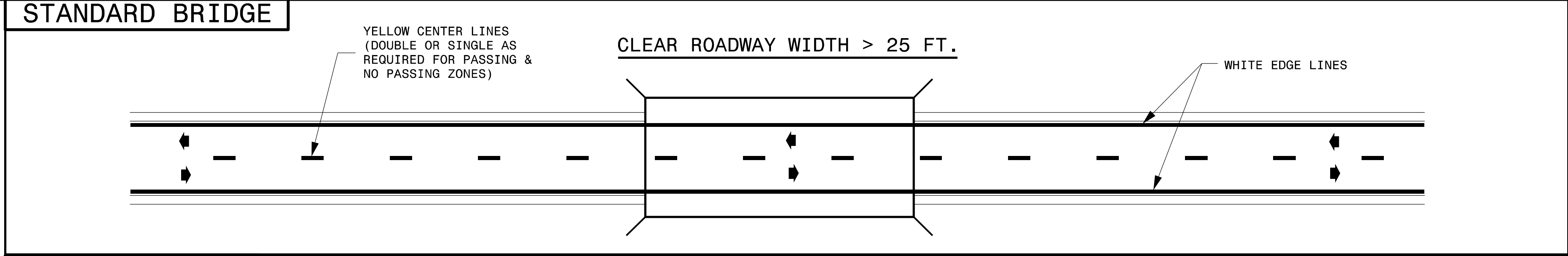
SHEET 2 OF 2
1205D04

**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

TIP NO.	SHEET NO.
B-5869	RMP-1B
APPROVED:	<i>Matthew V. Springer</i>
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SEAL	



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- GENERAL NOTES:
- NO PASSING ZONES SHOWN ARE MINIMUMS. APPLY MINIMUM PASSING AND STOPPING SIGHT DISTANCES AS DETERMINED BY THE ENGINEER.
 - FOR BRIDGES WITH 18 TO 25 FEET CLEAR ROADWAY WIDTH, SIGNS MUST BE USED WHEN THE APPROACH PAVEMENT WIDTH IS 2 FOOT OR GREATER THAN THE CLEAR ROADWAY WIDTH.

LEGEND	
←	DIRECTION OF TRAFFIC FLOW
◆	YELLOW/YELLOW PAVEMENT MARKER
⊥	STATIONARY SIGN
□	CRYSTAL/CRYSTAL PAVEMENT MARKER

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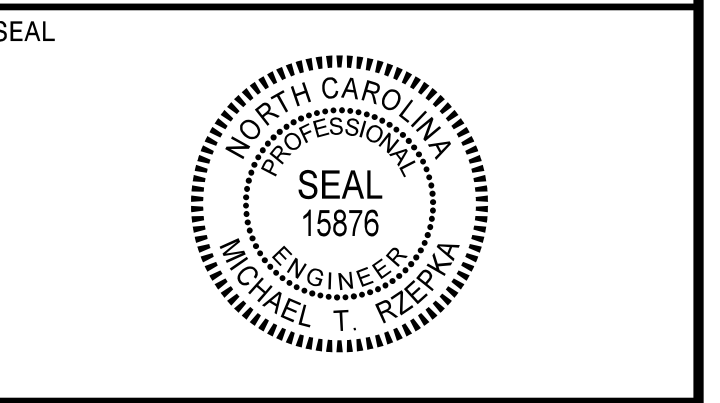
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
BRIDGES

SHEET 1 OF 1
1205D12

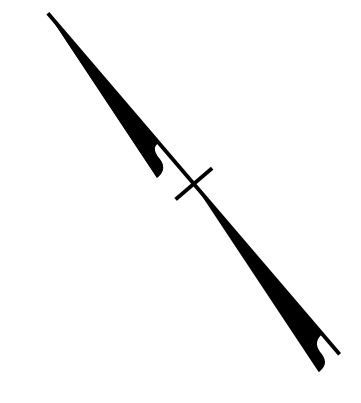
SHEET 1 OF 1
1205D12

**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

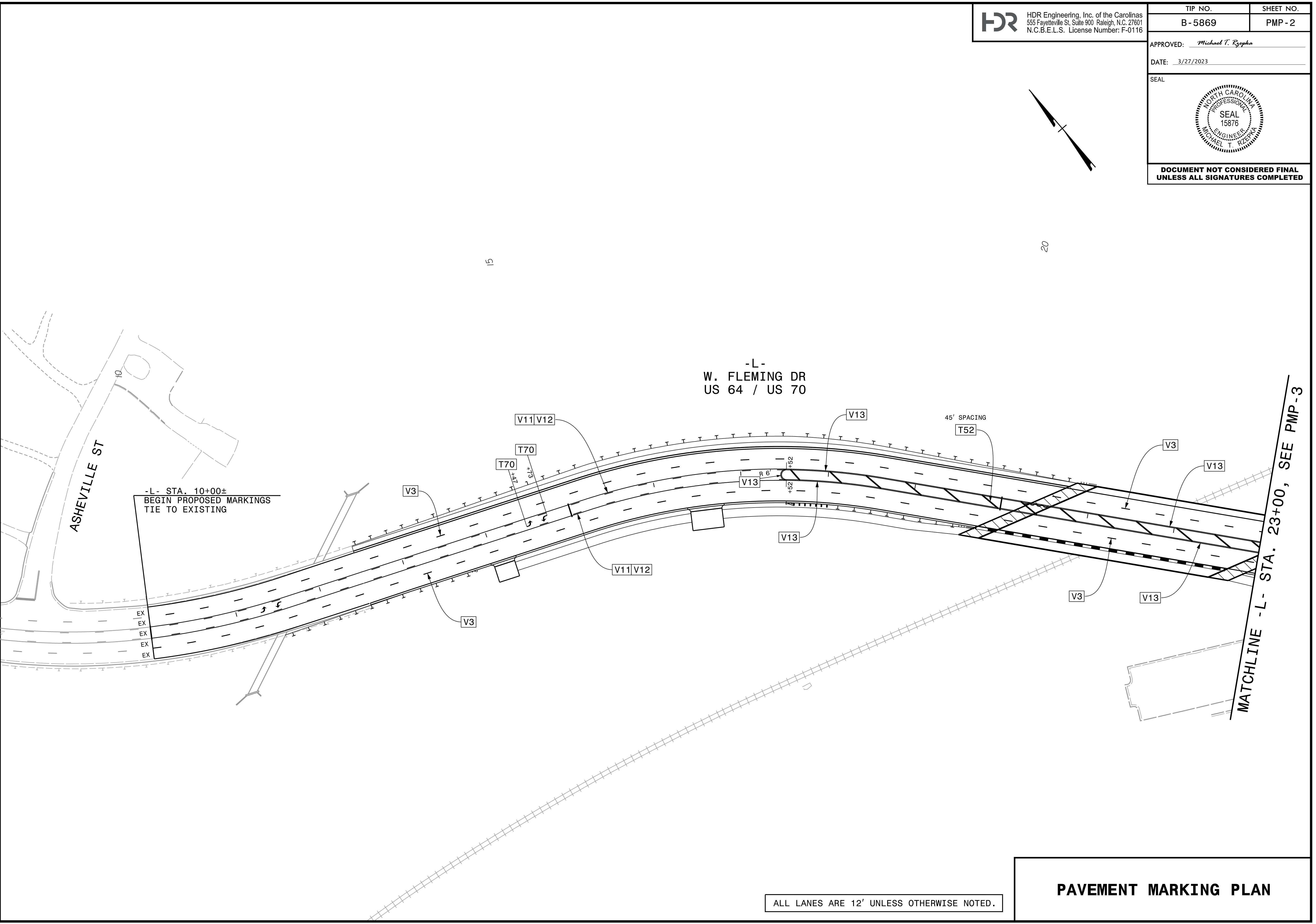
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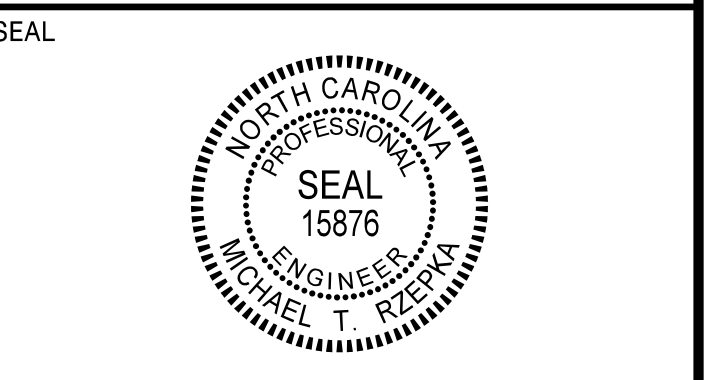


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ALL LANES ARE 12' UNLESS OTHERWISE NOTED.

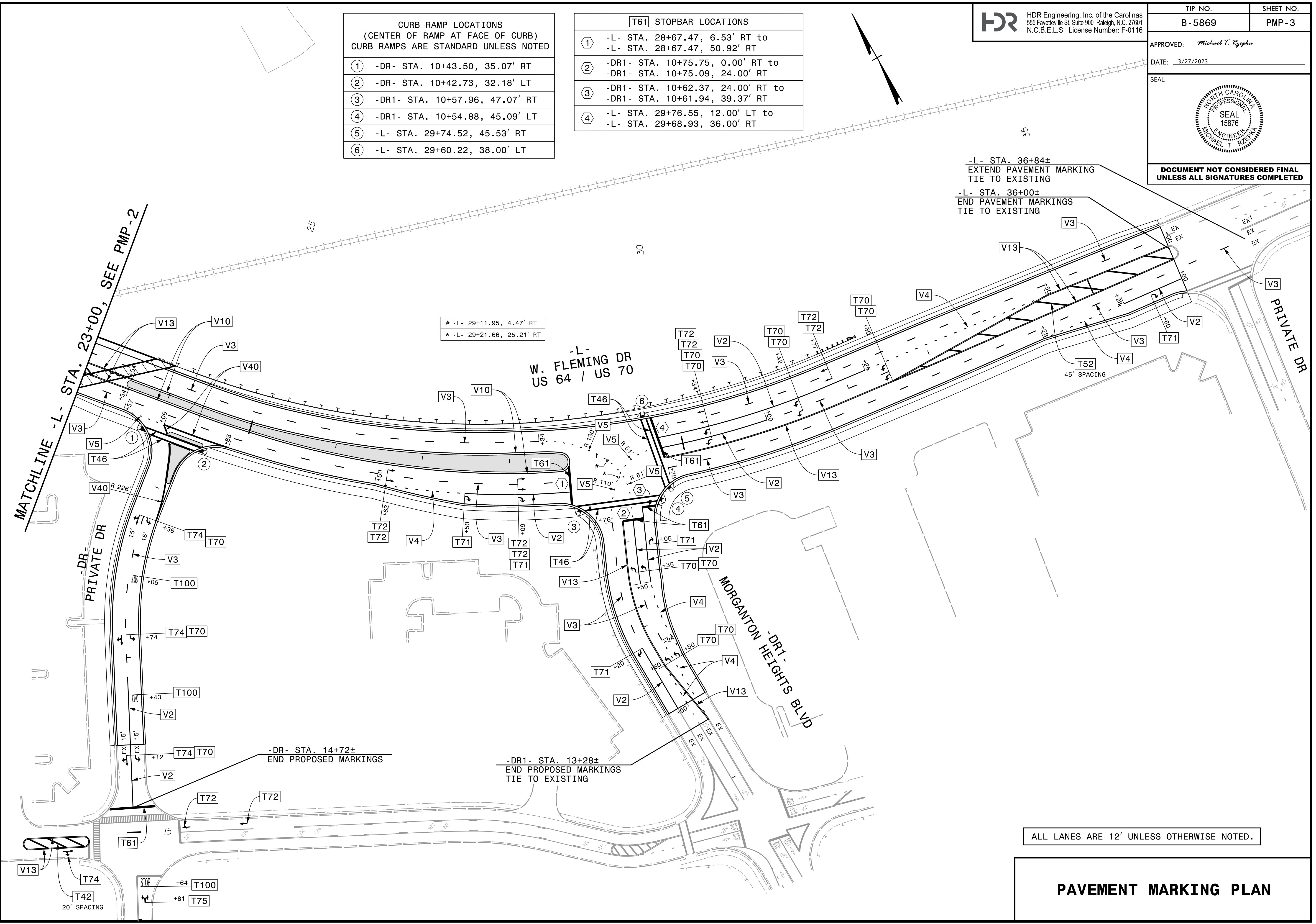
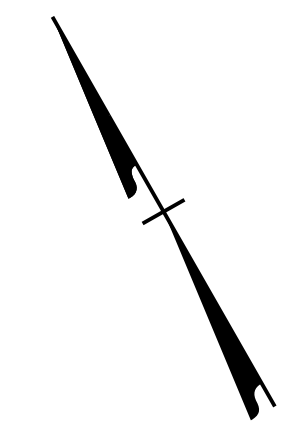
PAVEMENT MARKING PLAN



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CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB) CURB RAMPS ARE STANDARD UNLESS NOTED	
①	-DR- STA. 10+43.50, 35.07' RT
②	-DR- STA. 10+42.73, 32.18' LT
③	-DR1- STA. 10+57.96, 47.07' RT
④	-DR1- STA. 10+54.88, 45.09' LT
⑤	-L- STA. 29+74.52, 45.53' RT
⑥	-L- STA. 29+60.22, 38.00' LT

T61 STOPBAR LOCATIONS	
①	-L- STA. 28+67.47, 6.53' RT to -L- STA. 28+67.47, 50.92' RT
②	-DR1- STA. 10+75.75, 0.00' RT to -DR1- STA. 10+75.09, 24.00' RT
③	-DR1- STA. 10+62.37, 24.00' RT to -DR1- STA. 10+61.94, 39.37' RT
④	-L- STA. 29+76.55, 12.00' LT to -L- STA. 29+68.93, 36.00' RT



-L- 29+11.95, 4.47' RT
* -L- 29+21.66, 25.21' RT

ALL LANES ARE 12' UNLESS OTHERWISE NOTED.

PAVEMENT MARKING PLAN

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