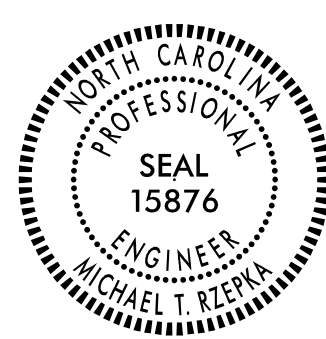


TIP NO.	SHEET NO.
U-6003	PMP-1
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 9/12/2023	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
FORSYTH COUNTY**

**LOCATION: KERNERSVILLE - KERNERSVILLE LOOP FROM
SR 1969 (PINEY GROVE RD) TO NC 150 (N. MAIN ST.)**

T.I.P.: U-6003

CONTRACT: C204069

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, GENERAL NOTES, ROADWAY STANDARD DRAWINGS, AND INDEX
PMP-1A	PAVEMENT MARKING SCHEDULE
PMP-1B	REVISED ROADWAY STANDARD DRAWING
PMP-2 THRU PMP-6	PAVEMENT MARKING DETAILS

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	THERMOPLASTIC	NON-CAST IRON SNOWPLOWABLE
 - B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
 - C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
 - D) 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.
 - E) ALL BICYCLE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE HEATED-IN-PLACE PAY ITEM.

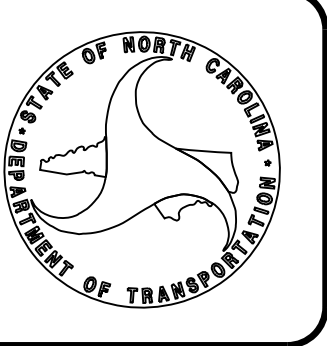
ROADWAY STANDARD DRAWING

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-1B FOR REVISED SHEET 2 OF 2)
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
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
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

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

KELVIN JORDAN	SIGNING & DELINEATION REGIONAL ENGINEER
_____	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



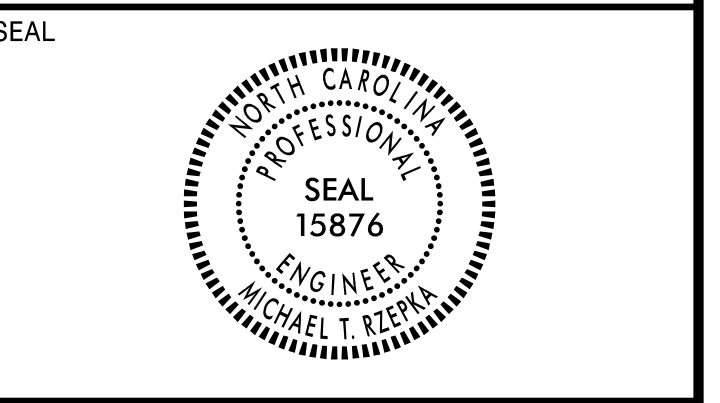
PLAN PREPARED BY: HDR ENGINEERING, INC. OF THE CAROLINAS

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

HDR

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

APPROVED: Michael T. Ryzka
 DATE: 9/12/2023



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

**FINAL PAVEMENT
 MARKING SCHEDULE**


- T1** THERMOPLASTIC 4" WHITE EDGELINE (90 MIL)
- T2** THERMOPLASTIC 4" WHITE SOLID LANE LINE (90 MIL)
- T3** THERMOPLASTIC 4" 10'-30'/SP. WHITE SKIP (90 MIL)
- T4** THERMOPLASTIC 4" 3'-9'/SP. WHITE MINI-SKIP (90 MIL)
- T5** THERMOPLASTIC 4" 2'-6'/SP. WHITE MINI-SKIP (90 MIL)
- T10** THERMOPLASTIC 4" YELLOW EDGELINE (90 MIL)
- T13** THERMOPLASTIC 4" YELLOW DOUBLE CENTER (90 MIL)
- T40** THERMOPLASTIC 8" WHITE GORELINE (90 MIL)
- T41** THERMOPLASTIC 8" WHITE DIAGONAL (90 MIL)
- T42** THERMOPLASTIC 8" YELLOW DIAGONAL (90 MIL)
- T43** THERMOPLASTIC 8" WHITE SOLID LANE LINE (90 MIL)
- T44** THERMOPLASTIC 8" 3'-9'/SP. WHITE MINI-SKIP (90 MIL)
- T46** THERMOPLASTIC 8" WHITE CROSSWALK LINE (90 MIL)
- T51** THERMOPLASTIC 12" WHITE 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)
- T90** HEATED-IN-PLACE THERMOPLASTIC BICYCLE SYMBOL (90 MIL)
- T91** HEATED-IN-PLACE THERMOPLASTIC BICYCLE STRAIGHT ARROW (90 MIL)
- T100** THERMOPLASTIC ALPHANUMERIC CHARACTER (90 MIL)

- MA** PERMANENT RAISED MARKER - YELLOW & YELLOW
- MB** PERMANENT RAISED MARKER - CRYSTAL & RED
- MF** NON-CAST IRON SNOWPLOWABLE MARKER - CRYSTAL & RED

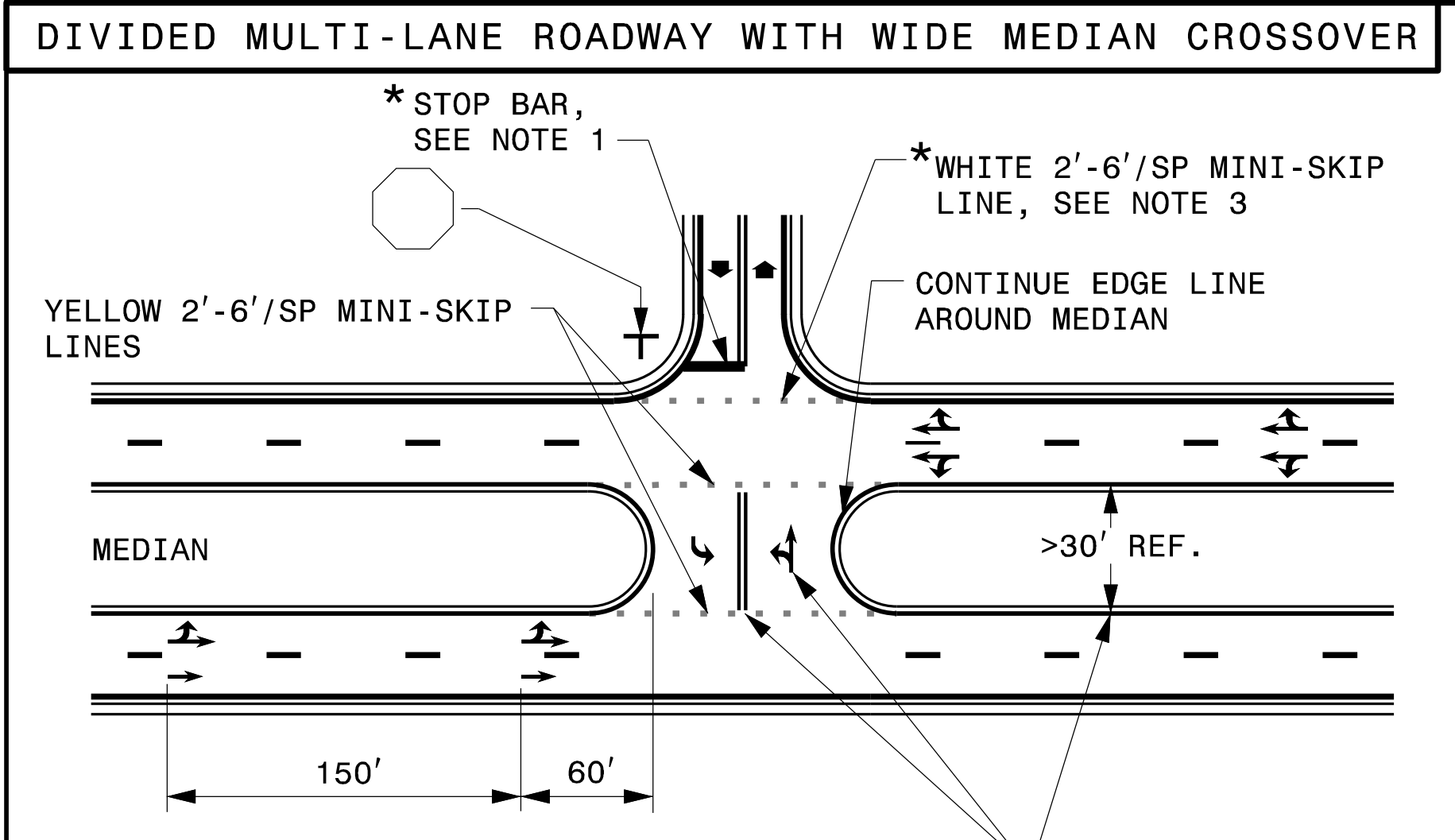
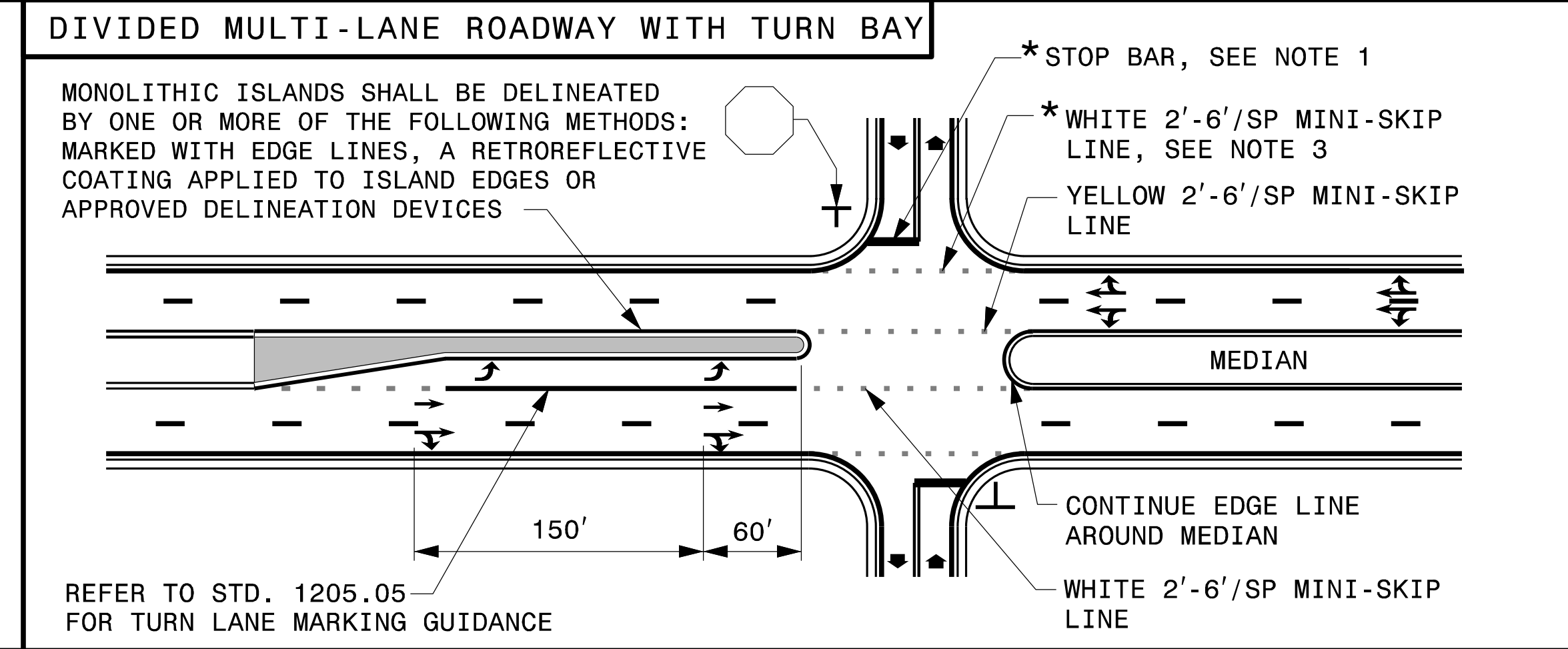
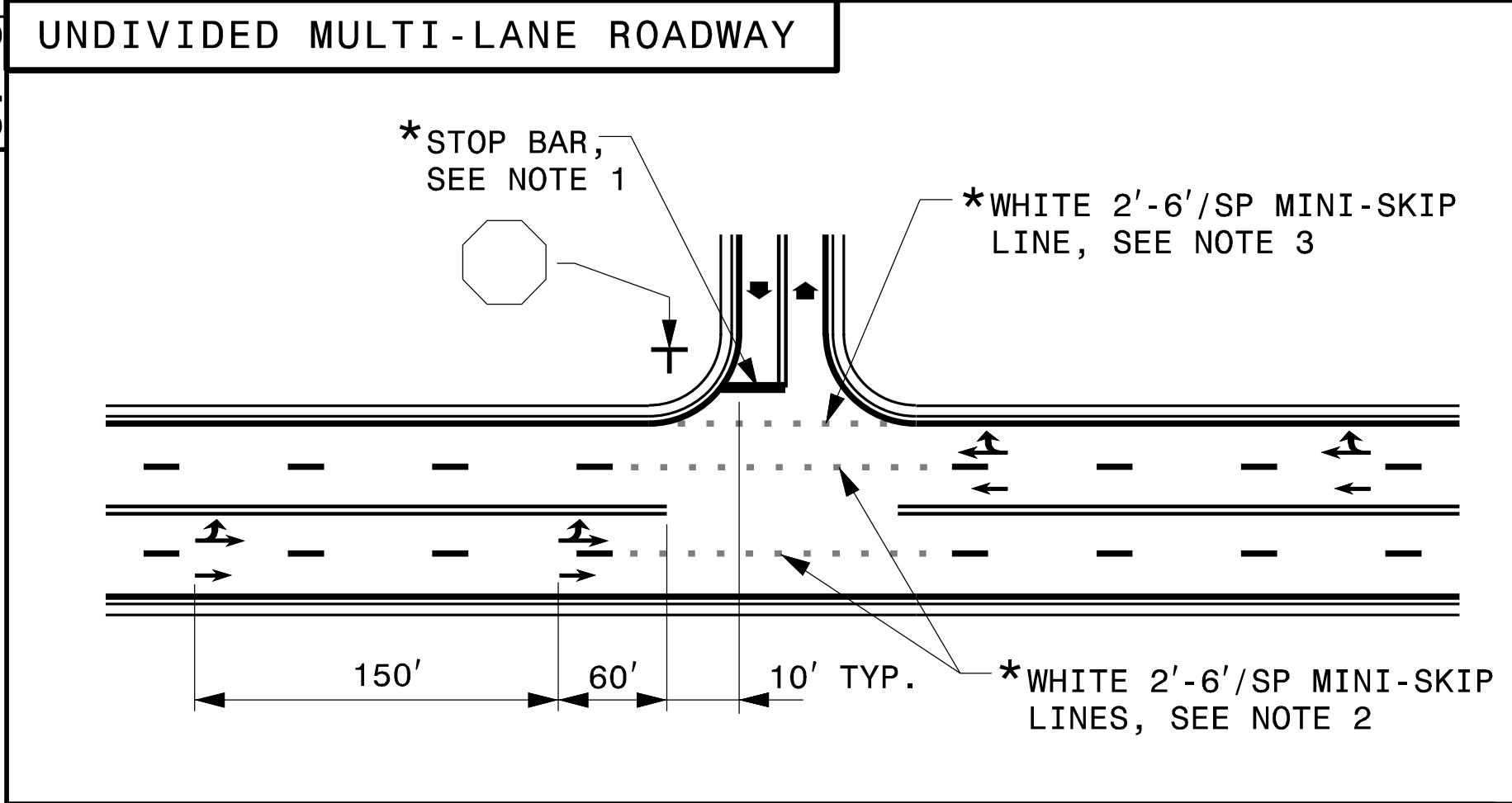
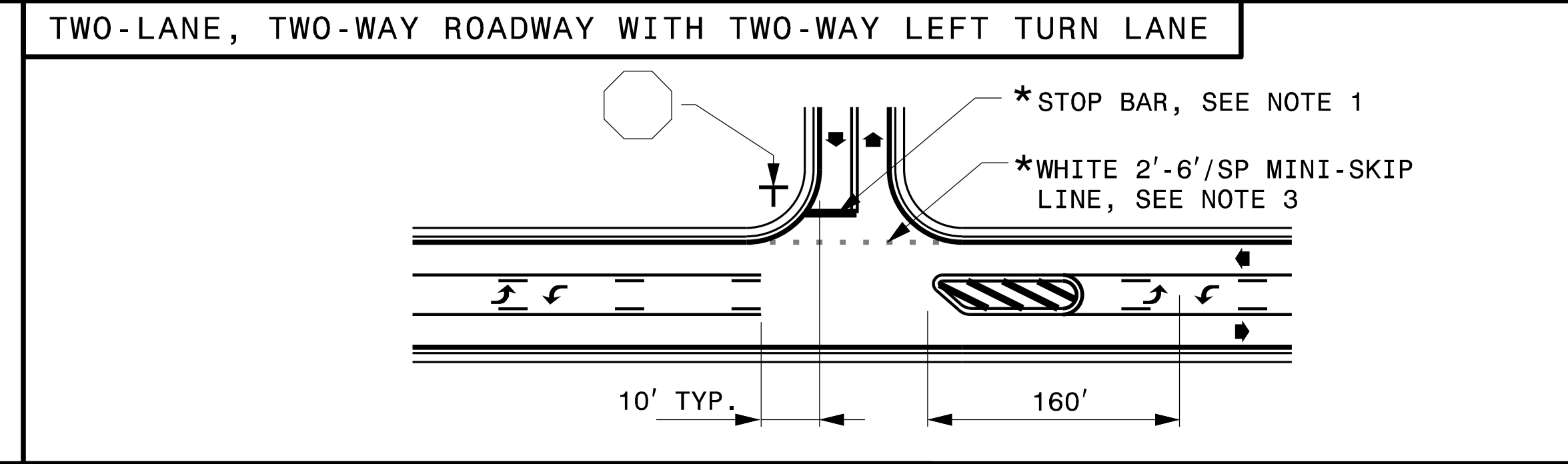
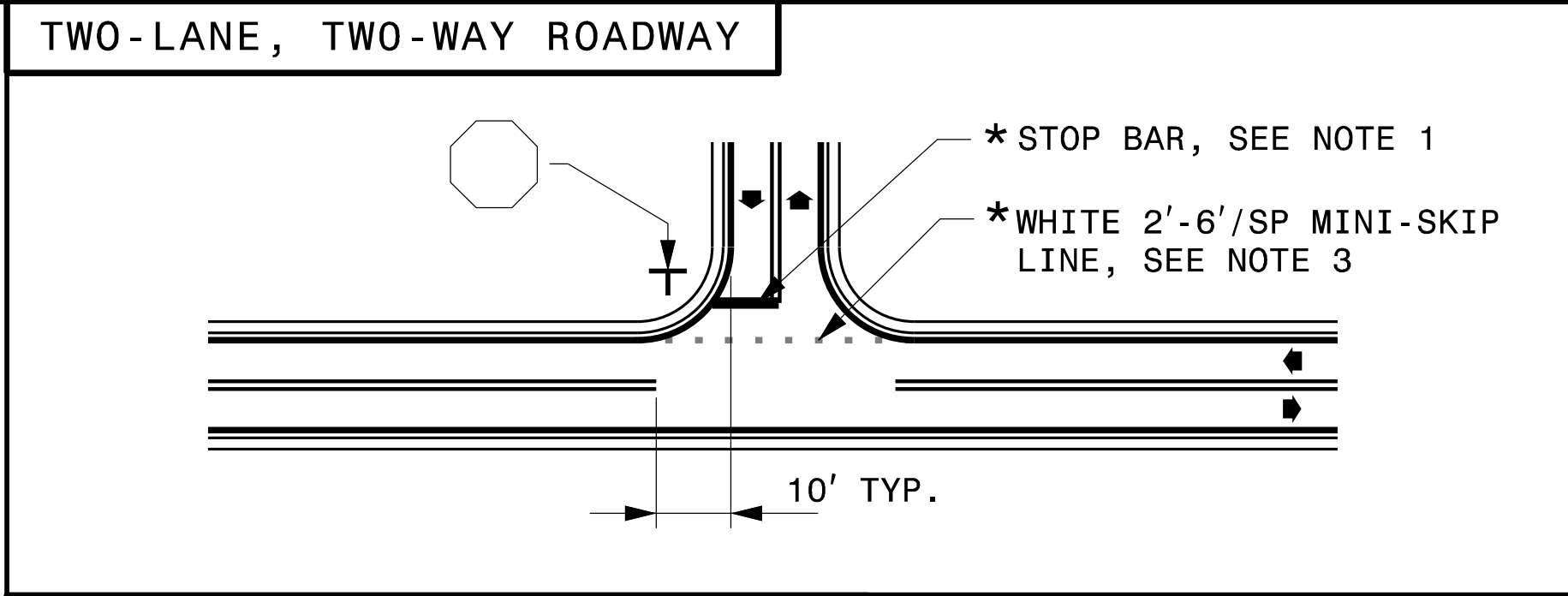
PLOT DRIVER: NCDOT_color_eng_50.pht
 USER: CHARNDEN
 FILE: p:\pwhdr\users\01\HDR_US_East_01\Documents\3322\10001461\10108594\6.0_CAD_BIM\6.2_Work_In_Progress\Traffic\Definition\U6003_PMP01A.dgn
 PENTABLE: NCDOT_PMP.tbl
 TIME: 4:25:47 PM
 DATE: 9/7/2023

PAVEMENT MARKING SCHEDULE

TIP NO.	SHEET NO.
U-6003	1205D04-1B
APPROVED:	<i>Matthew V. Springer</i>
DATE:	8/13/2019
SEAL	6006288584403...



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



- 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

USE DOUBLE YELLOW CENTER LINE AND ARROW SYMBOLS IN MEDIAN CROSSOVER WHEN WIDTH OF MEDIAN EXCEEDS 30 FT, OTHERWISE THEY ARE NOT REQUIRED.

SHEET 2 OF 2
1205D04

SHEET 2 OF 2
1205D04

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
INTERSECTIONS

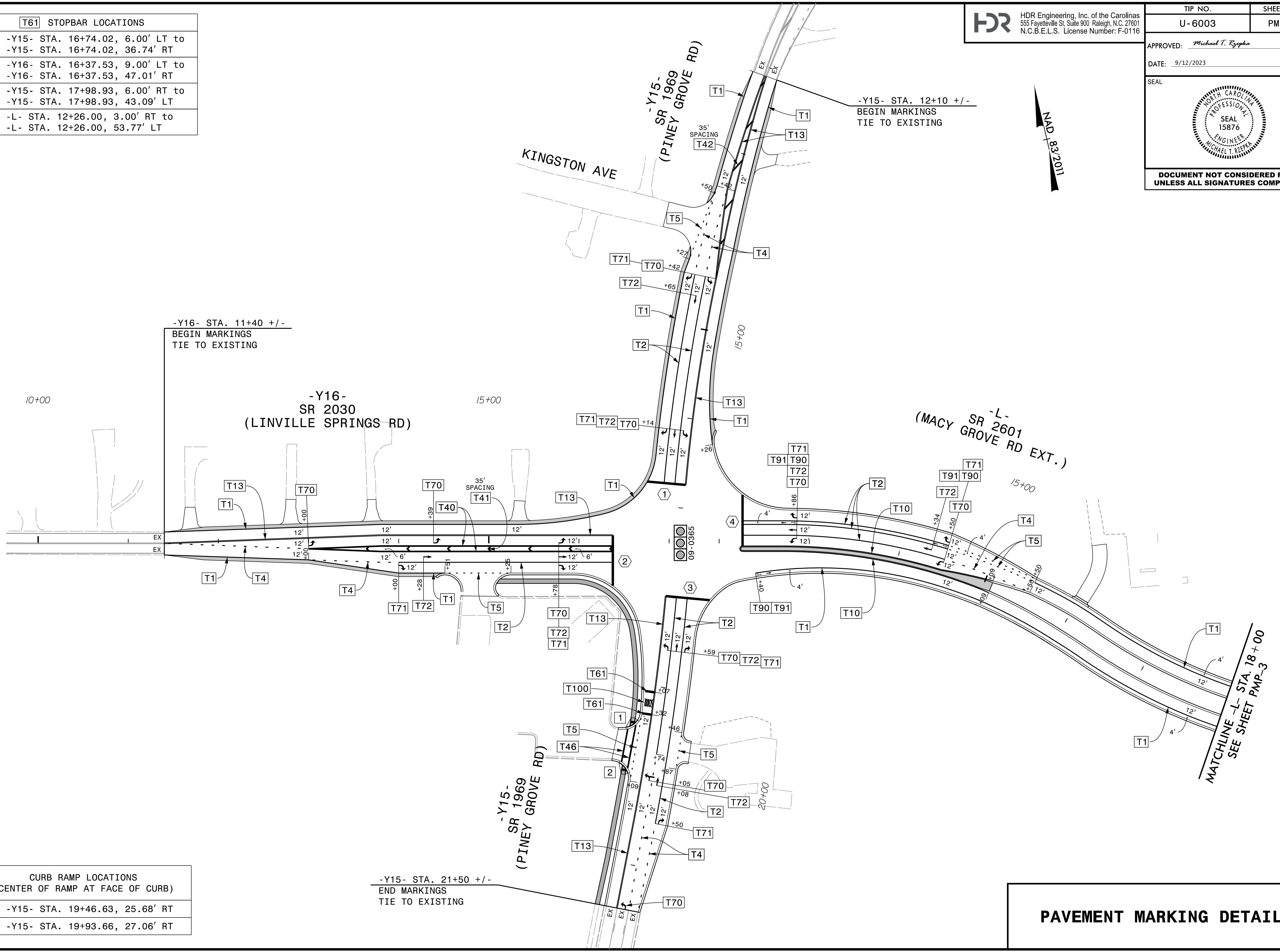
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
INTERSECTIONS

REVISED PAVEMENT MARKING ROADWAY STANDARD DRAWING

U:\13\1311\Standards Group\Standards and Drawings\Drawings\2018 Standard Dwg\Division 12 Final\2050402_08-13-19.dgn User:dstokes

TIP NO.	SHEET NO.
U-6003	PMP-2
APPROVED: <i>Michael T. Rzyzka</i>	
DATE: 9/12/2023	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T61 STOPBAR LOCATIONS	
①	-Y15- STA. 16+74.02, 6.00' LT to -Y15- STA. 16+74.02, 36.74' RT
②	-Y16- STA. 16+37.53, 9.00' LT to -Y16- STA. 16+37.53, 47.01' RT
③	-Y15- STA. 17+98.93, 6.00' RT to -Y15- STA. 17+98.93, 43.09' LT
④	-L- STA. 12+26.00, 3.00' RT to -L- STA. 12+26.00, 53.77' LT

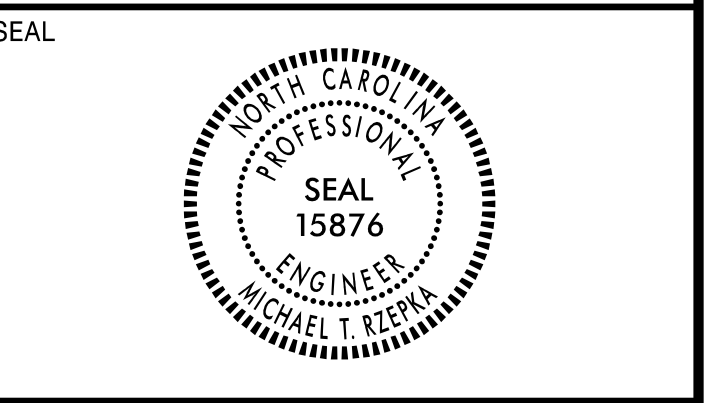


CURB RAMP LOCATIONS (CENTER OF RAMP AT FACE OF CURB)	
①	-Y15- STA. 19+46.63, 25.68' RT
②	-Y15- STA. 19+93.66, 27.06' RT

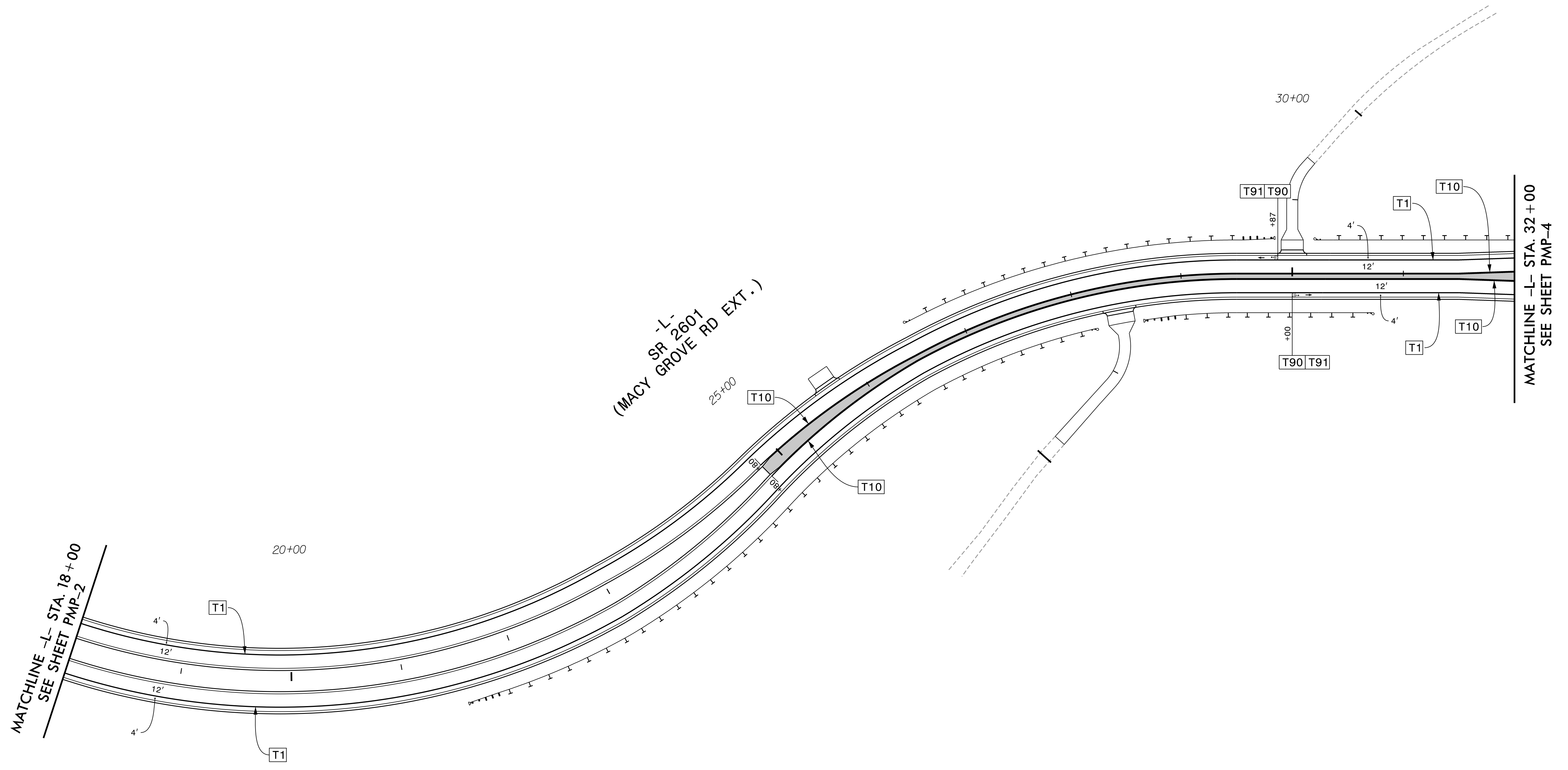
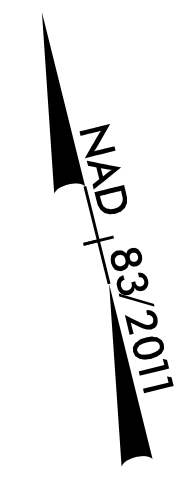
PAVEMENT MARKING DETAIL

PLOT DRIVER: NCDOT.pdf_color_eng_50.plt
 USER: CHARNDEN
 DATE: 8/28/2023
 TIME: 11:24:40 PM
 FILE: p:\dwg\hdr\users\charnd\us-east\01\Documents\3322\10001461\10108594\6.0_CAD_BIM\6.2_Work\1.In-Progress\Traffic\Definition\U6003.PMP.PMP02.dgn

MATCHLINE -L- STA. 18+00
 SEE SHEET PMP-3

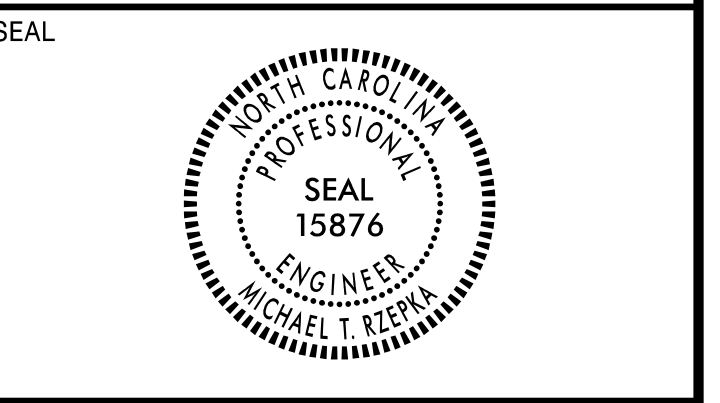


**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

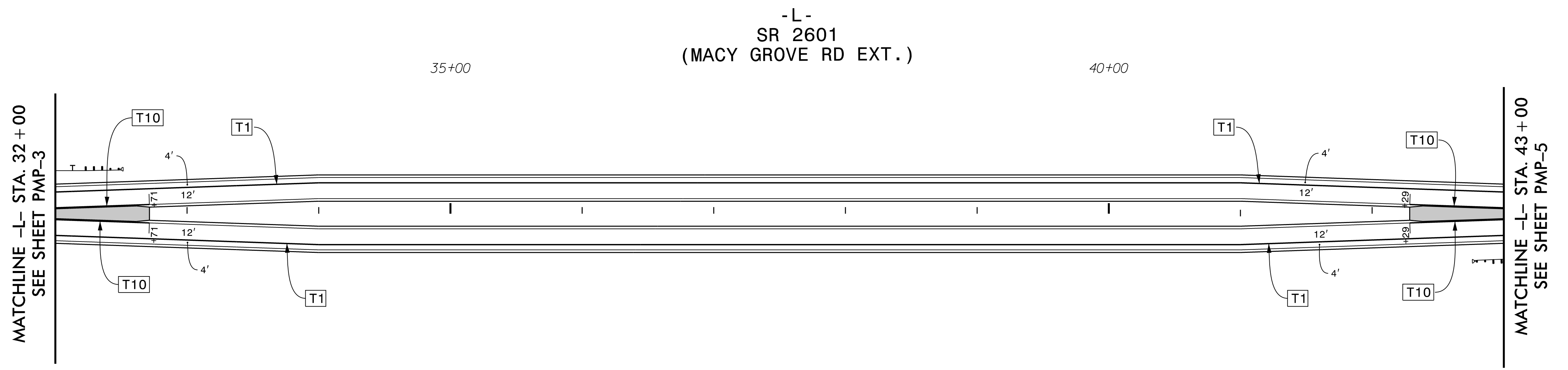
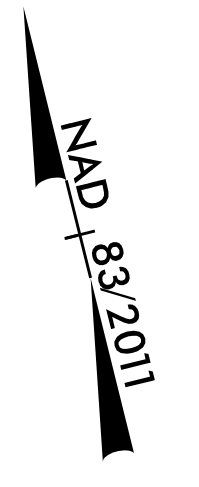


PLOT DRIVER: NCDOT_color_eng_50.pit
 USER: CHARNDEN
 DATE: 8/28/2023
 TIME: 11:37:37 AM
 FILE: p:\pwhdr\users\charnd\US-East\01\Documents\3322\10001461\10108594\6.0_CAD_BIM\6.2_Work\In_Progress\Traffic\Delineation\U6003_PM_PMP03.dgn

PAVEMENT MARKING DETAIL

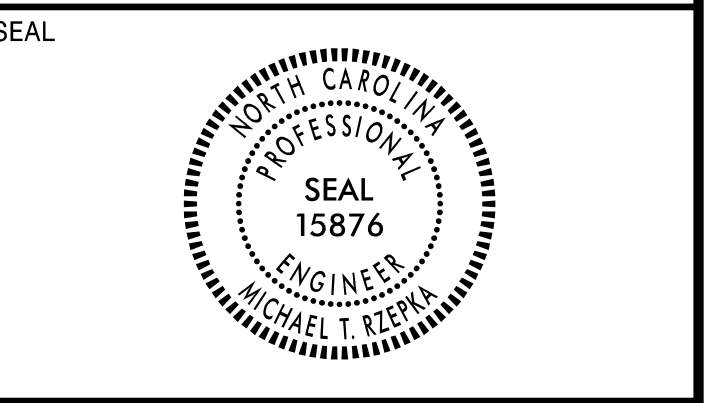


**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

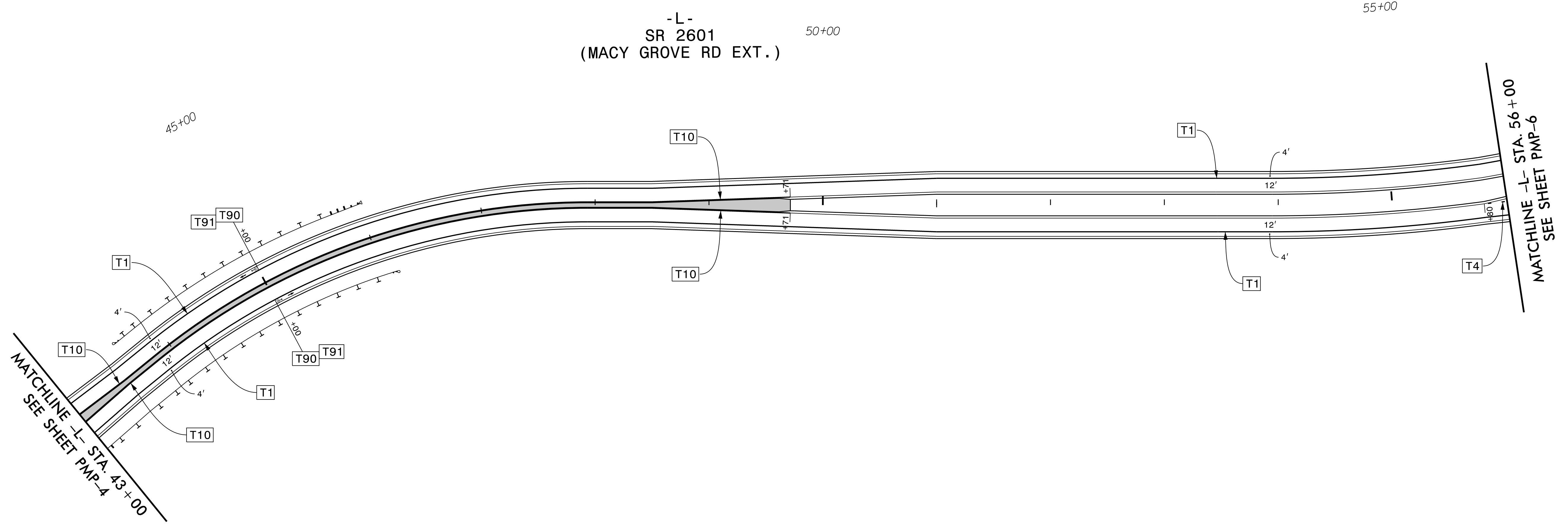


PLOT DRIVER: NCDOT_pdf_color_eng_50.pit PENTABLE: NCDOT_PMP.tbl
 USER: CHARNDEN DATE: 8/28/2023 TIME: 11:37:45 AM
 FILE: p:\p\p\h\p\uses01\H\US_East_01\Documents\3322\1000146\10108594\6.0_CAD_BIM\6.2_Work_In_Progress\Traffic\Delineation\U6003_PM_PMP04.dgn

PAVEMENT MARKING DETAIL



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



PLOT DRIVER: NCDOT_color_eng_50.plt
 USER: CHARNDEN
 FILE: p:\pwhdr\users\charnd\US_East_01\Documents\3322\10001461\10108594\6.0_CAD_BIM\6.2_Work_In_Progress\Traffic\Delineation\U6003_PM_PMP05.dgn
 PENTABLE: NCDOT_PMP.tbl
 DATE: 8/28/2023
 TIME: 11:37:56 AM

PAVEMENT MARKING DETAIL

