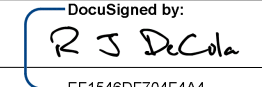



TIP NO. U-5808	SHEET NO. PMP-1
APPROVED:  DocuSigned by: EF1548D704F4A4	
DATE: 10/9/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
UNION COUNTY**

**LOCATION: SR 1362 (CHESTNUT LANE CONNECTOR) FROM SR 1367 (MATTHEWS INDIAN TRAIL ROAD) TO SR 1368 (GRIBBLE ROAD). CONSTRUCT ROAD ON NEW LOCATION. INTERSECTION OF US 74 AND EXISTING SR 1362 (CHESTNUT LANE CONNECTOR). CONSTRUCT INTERSECTION IMPROVEMENTS.**

**T.I.P.: U-5808**

**CONTRACT: C204842**

**INDEX**

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET, ROADWAY STD. DRAWINGS AND GENERAL NOTES
PMP-1A	DETAIL 1205D04 IN LIEU OF ROADWAY STD. DRAWING 1205.04 SHEET 2 OF 2
PMP-2 THRU PMP-5	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	PERMANENT RAISED
BRIDGE DECK	COLD APPLIED PLASTIC	PERMANENT RAISED
  - 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) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKING MATERIAL.
  - 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) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

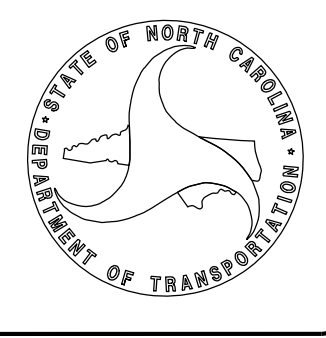
**ROADWAY STANDARD DRAWING**

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
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
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

**NCDOT CONTACTS**

<u>YANNY MA, PE</u>	DIVISION 10 DM-STIP PROJECT ENGINEER
<u>KELVIN JORDAN</u>	SIGNING & DELINEATION REGIONAL ENGINEER



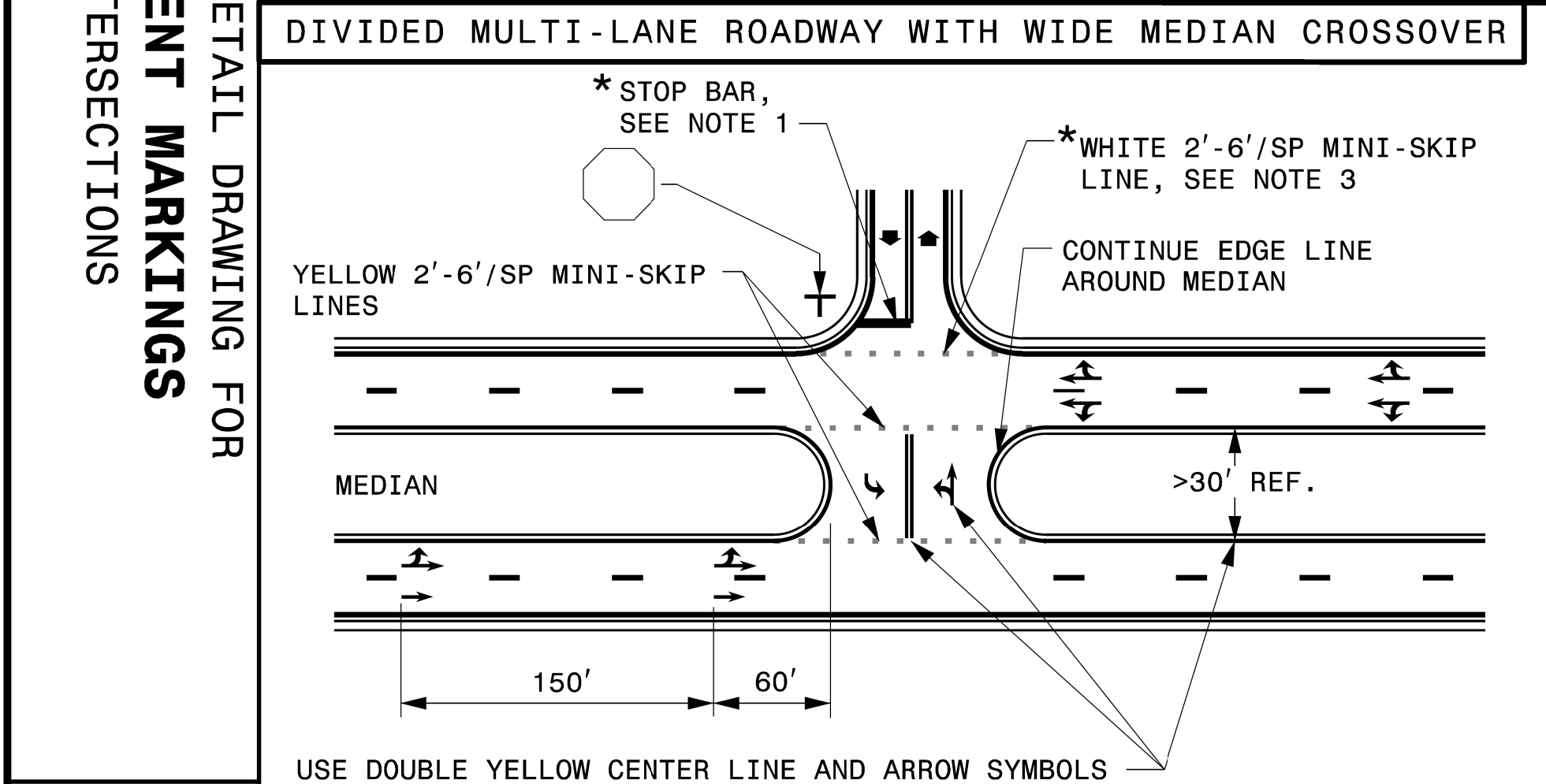
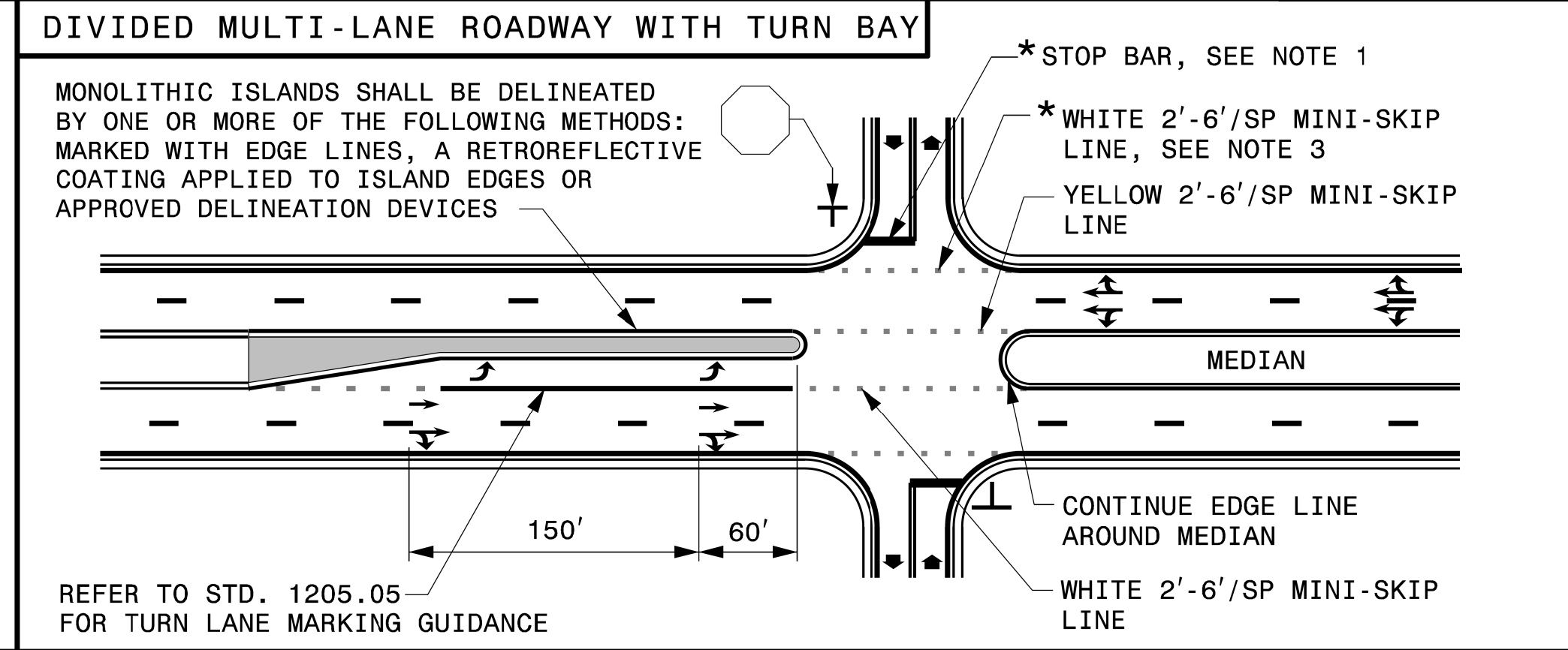
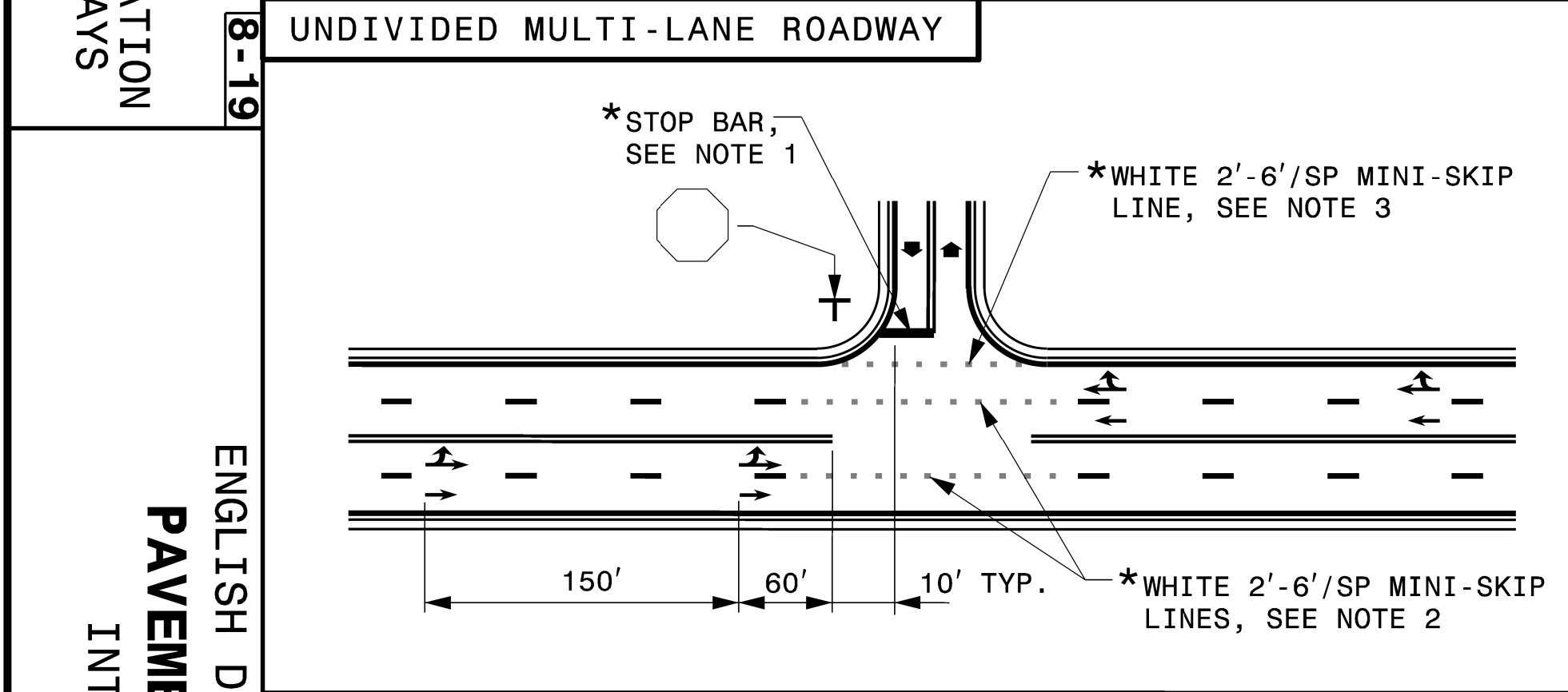
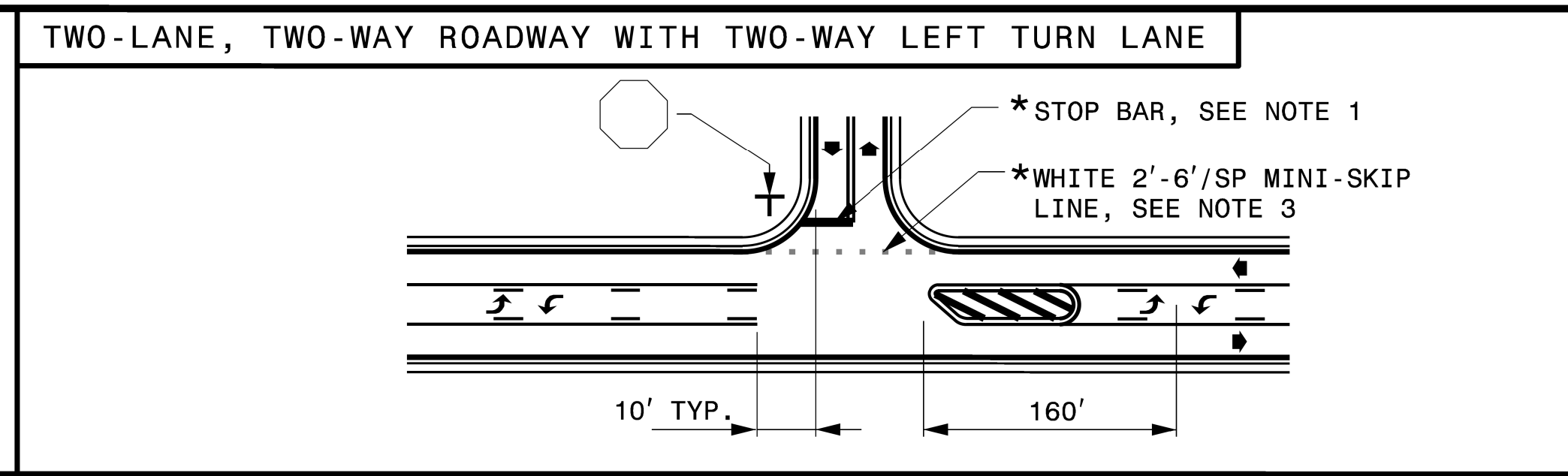
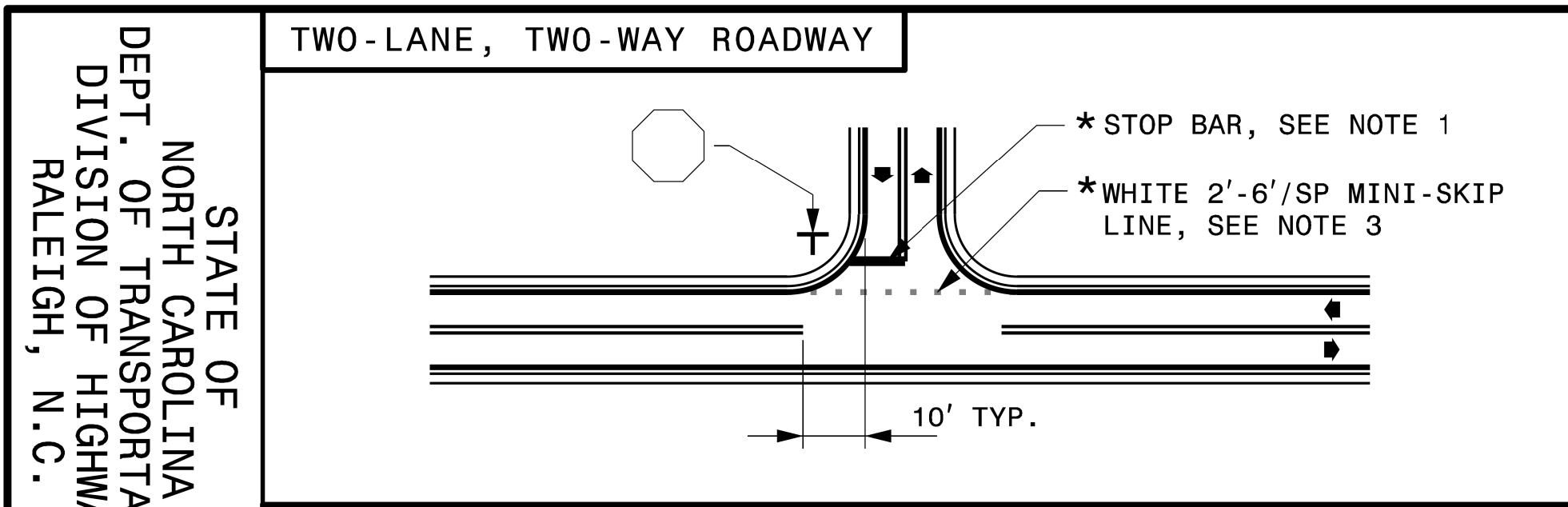
**PLAN PREPARED FOR NCDOT DIVISION 10 BY:**

<u>RICK DECOLA, PE</u>	PROJECT ENGINEER
<u>SURAJ SANGHANI, PE</u>	PROJECT DESIGN ENGINEER

**Mead&Hunt**

111 E. Hargett Street, Suite 300  
Raleigh, North Carolina 27601  
919-714-8670 | meadhunt.com  
NC License No. F-1235

TIP NO. SHEET NO.  
 DocuSigned by:  
 APPROVED: *Matthew V. Springer*  
 DATE: 8/13/2019  
 SEAL



**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**

SHEET 2 OF 2  
**1205D04**

**REVISED PAVEMENT MARKING ROADWAY STANDARD DRAWING**

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

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

ENGLISH DETAIL DRAWING FOR  
**PAVEMENT MARKINGS INTERSECTIONS**

ENGLISH DETAIL DRAWING FOR  
**PAVEMENT MARKINGS INTERSECTIONS**

S:\Projects\2019\Standards and Drawings\Drawings\2018 Standard Dwg\Division 12 Final\1205D04\_08-13-19.dgn  
 User: jstokes

S:\Projects\2019\Standards and Drawings\Drawings\2018 Standard Dwg\Division 12 Final\1205D04\_08-13-19.dgn  
 User: jstokes



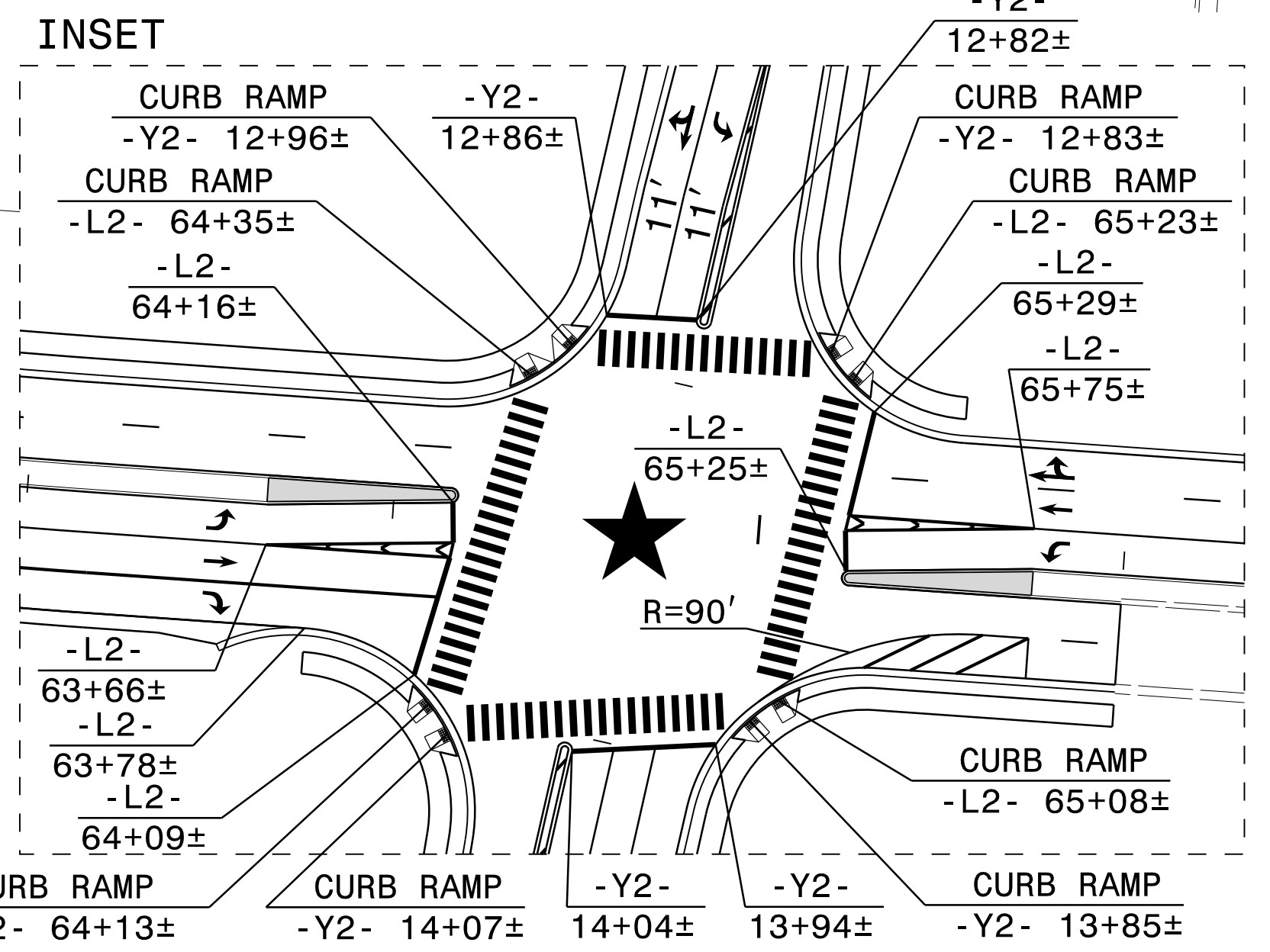
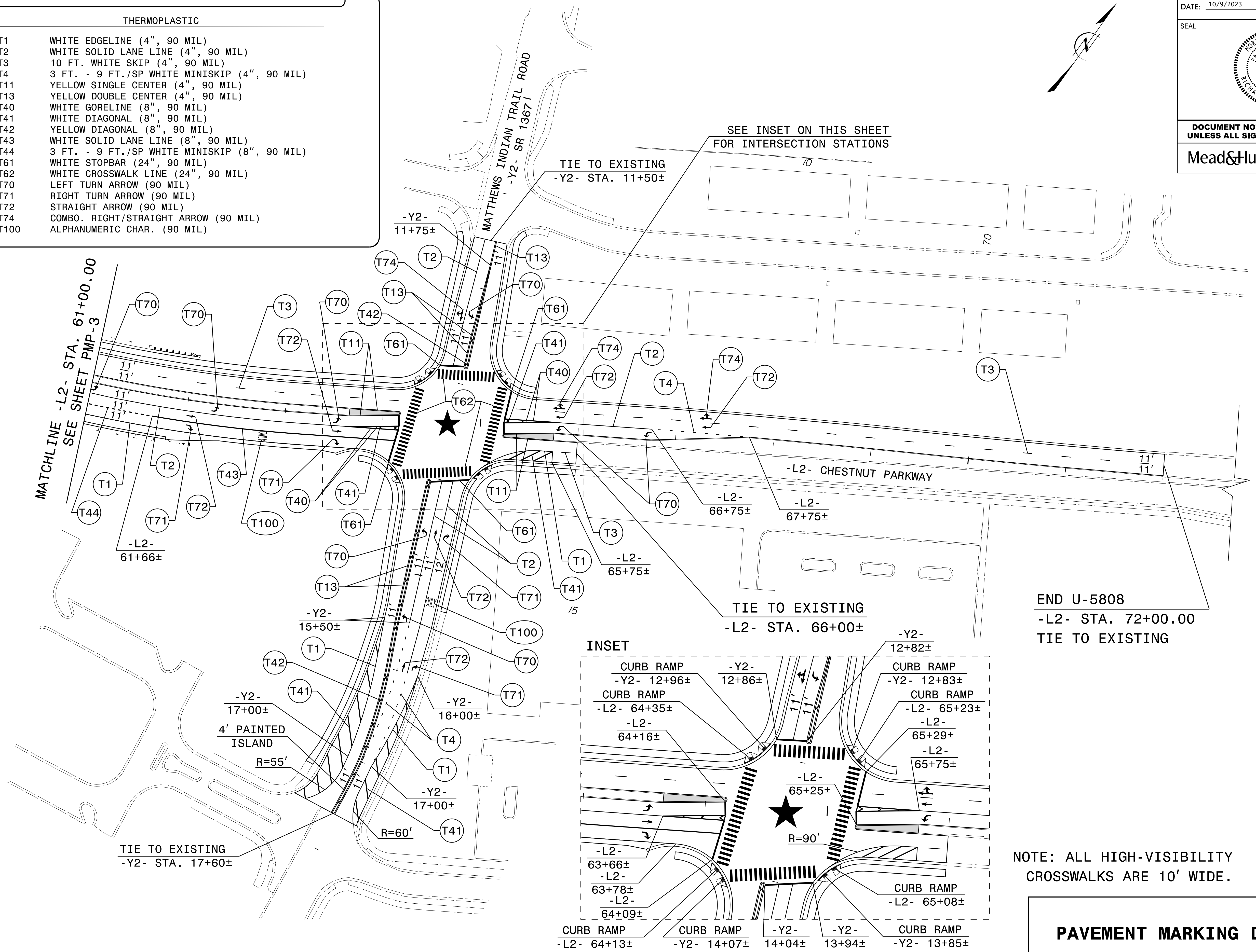


TIP NO.	SHEET NO.
U-5808	PMP-4
APPROVED: <i>R S Decola</i>	DocuSigned by: R S Decola EP1548D704F4A4
DATE: 10/9/2023	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

# PAVEMENT MARKING SCHEDULE

THERMOPLASTIC

T1	WHITE EDGELINE (4", 90 MIL)
T2	WHITE SOLID LANE LINE (4", 90 MIL)
T3	10 FT. WHITE SKIP (4", 90 MIL)
T4	3 FT. - 9 FT./SP WHITE MINISKIP (4", 90 MIL)
T11	YELLOW SINGLE CENTER (4", 90 MIL)
T13	YELLOW DOUBLE CENTER (4", 90 MIL)
T40	WHITE GORELINE (8", 90 MIL)
T41	WHITE DIAGONAL (8", 90 MIL)
T42	YELLOW DIAGONAL (8", 90 MIL)
T43	WHITE SOLID LANE LINE (8", 90 MIL)
T44	3 FT. - 9 FT./SP WHITE MINISKIP (8", 90 MIL)
T61	WHITE STOPBAR (24", 90 MIL)
T62	WHITE CROSSWALK LINE (24", 90 MIL)
T70	LEFT TURN ARROW (90 MIL)
T71	RIGHT TURN ARROW (90 MIL)
T72	STRAIGHT ARROW (90 MIL)
T74	COMBO. RIGHT/STRAIGHT ARROW (90 MIL)
T100	ALPHANUMERIC CHAR. (90 MIL)



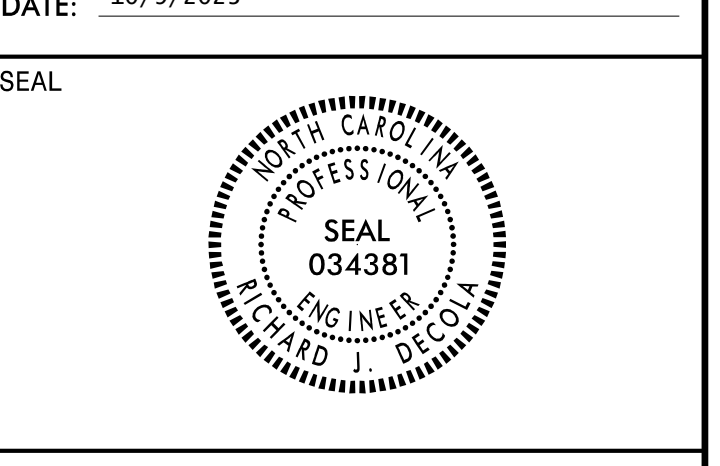
END U-5808  
-L2- STA. 72+00.00  
TIE TO EXISTING

NOTE: ALL HIGH-VISIBILITY  
CROSSWALKS ARE 10' WIDE.

## PAVEMENT MARKING DETAIL

10/09/23  
 R:\Users\jfr\OneDrive\Working Plans\U5808\_Sgn\_PMP\_4.dgn  
 User: jfr

APPROVED: *R S DeLa*  
DATE: 10/9/2023

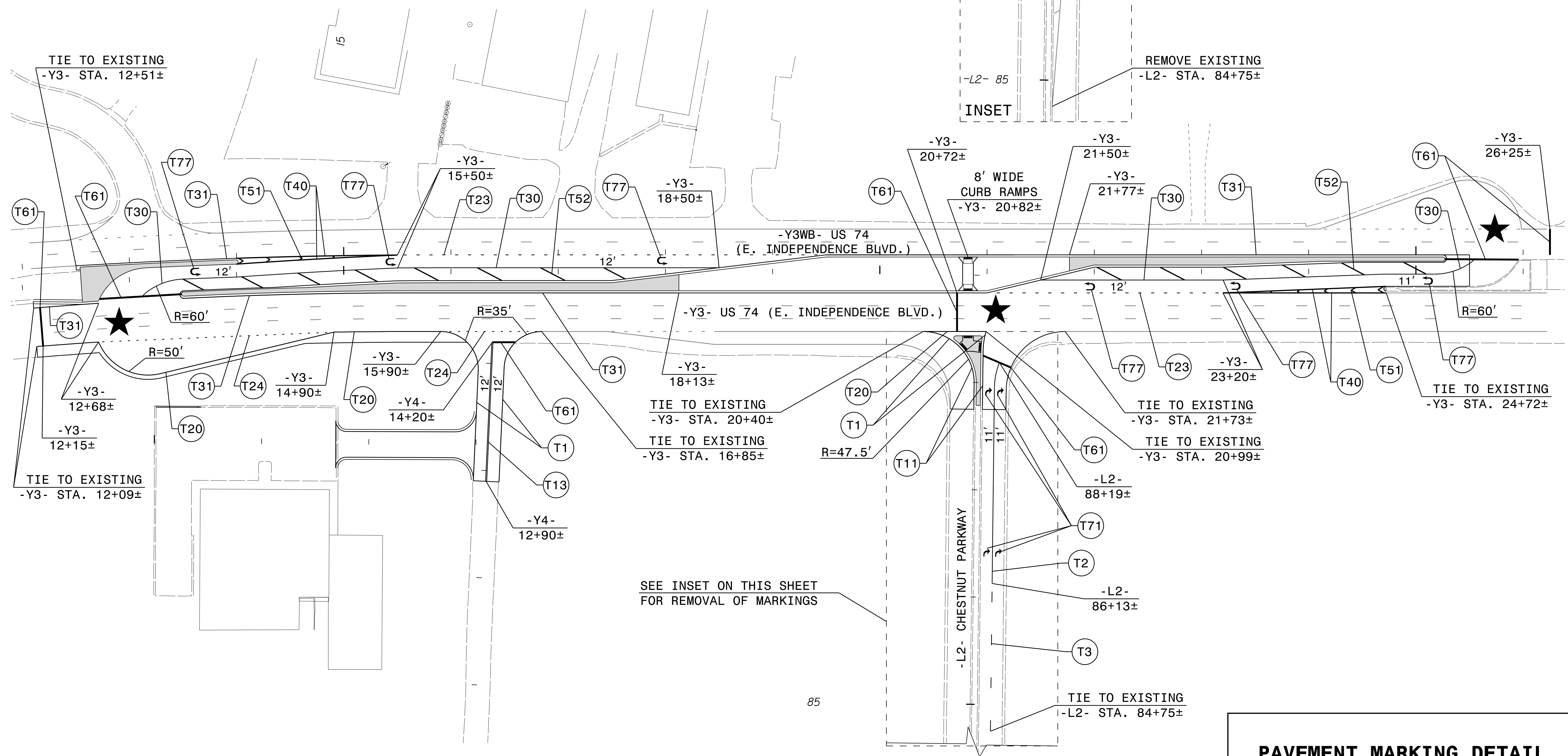


DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED  
Mead&Hunt  
111 E. Hargett Street, Suite 300  
Raleigh, North Carolina 27601  
919-714-8870 | meadandhunt.com  
NC License No. F-1235

# PAVEMENT MARKING SCHEDULE

THERMOPLASTIC

T1	WHITE EDGELINE (4", 90 MIL)
T2	WHITE SOLID LANE LINE (4", 90 MIL)
T3	10 FT. WHITE SKIP (4", 90 MIL)
T11	YELLOW SINGLE CENTER (4", 90 MIL)
T13	YELLOW DOUBLE CENTER (4", 90 MIL)
T20	WHITE EDGELINE (6", 90 MIL)
T23	3 FT. - 9 FT./SP WHITE MINISKIP (6", 90 MIL)
T24	2 FT. - 6 FT./SP WHITE MINISKIP (6", 90 MIL)
T30	YELLOW EDGELINE (6", 90 MIL)
T31	YELLOW SINGLE CENTER (6", 90 MIL)
T40	WHITE GORELINE (8", 90 MIL)
T51	WHITE DIAGONAL (12", 90 MIL)
T52	YELLOW DIAGONAL (12", 90 MIL)
T61	WHITE STOPBAR (24", 90 MIL)
T71	RIGHT TURN ARROW (90 MIL)
T77	U-TURN ARROW (90 MIL)



SEE INSET ON THIS SHEET FOR REMOVAL OF MARKINGS

## PAVEMENT MARKING DETAIL

10/09/23  
R:\Users\jrs\OneDrive\Working\CADD\Pavement Marking Plans\U5808\_Sgn\_PMP\_5.dgn  
User: jrs