

TIP NO.	SHEET NO.
U-6020	PMP-1
APPROVED: <i>Tommy Register</i>	
DATE: 5/28/2024 8:43 AM EDT	
SEAL	
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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
GRANVILLE COUNTY**

LOCATION: REALIGNMENT OF SR 1215 (WEST LYON STATION ROAD) AT NC 56 (EAST C STREET) IN BUTNER

T.I.P.: U-6020

CONTRACT: C204944

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 2024 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
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

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 ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
-L- PROP. SR 1215	THERMOPLASTIC	NON-SNOWPLOWABLE PERMANENT RAISED
-Y1- NC 56	THERMOPLASTIC	NON-SNOWPLOWABLE PERMANENT RAISED
-Y2- EX. SR 1215	THERMOPLASTIC	NON-SNOWPLOWABLE PERMANENT RAISED
-RPA- & -RPB-	COLD APPLIED PLASTIC	NON-SNOWPLOWABLE PERMANENT 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) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

F) 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.

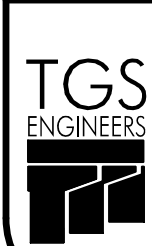
**FINAL PAVEMENT MARKING
SCHEDULE & QUANTITIES**

SYMBOL	DESCRIPTION	QUANTITY
PAVEMENT MARKINGS		
<u>THERMOPLASTIC (4", 90 MILS)</u>		
T1	WHITE EDGELINE	4200 LF
T2	WHITE SOLID LANE LINE	1335 LF
T3	10 FT. WHITE SKIP	110 LF
T4	3 FT. - 9 FT./SP WHITE MINISKIP	295 LF
T5	2 FT. - 6 FT./SP WHITE MINISKIP	130 LF
T10	YELLOW EDGELINE	1665 LF
T13	YELLOW DOUBLE CENTER	5045 LF
<u>THERMOPLASTIC (8", 90 MILS)</u>		
T40	WHITE GORELINE	145 LF
T41	WHITE DIAGONAL	275 LF
T42	YELLOW DIAGONAL	335 LF
T46	WHITE CROSSWALK	212 LF
<u>THERMOPLASTIC (16", 90 MILS)</u>		
T60	WHITE LINE, RR X	87 LF
<u>THERMOPLASTIC (24", 90 MILS)</u>		
T61	WHITE STOPBAR	245 LF
<u>COLD APPLIED PLASTIC, TYPE 2 (4")</u>		
C1	WHITE EDGELINE	335 LF
<u>COLD APPLIED PLASTIC, TYPE 2 (8")</u>		
C40	WHITE GORELINE	110 LF
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>		
T70	LEFT TURN ARROW	10 EA
T71	RIGHT TURN ARROW	7 EA
T72	STRAIGHT ARROW	8 EA
T100	ALPHANUMERIC CHARACTER	22 EA
T104	ROUTE SHIELD 6FT X 15FT	2 EA
PAVEMENT MARKERS		
<u>PERMANENT RAISED PAVEMENT MARKERS: NON-SNOWPLOWABLE</u>		
MA	YELLOW & YELLOW	55 EA
MB	CRYSTAL & RED	125 EA

INDEX

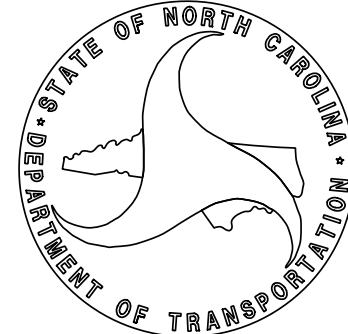
SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, GENERAL NOTES AND FINAL PAVEMENT MARKING SCHEDULE & QUANTITIES
PMP-2-3	PAVEMENT MARKING DETAIL

PLAN PREPARED FOR N.C.D.O.T. BY: TGS ENGINEERS

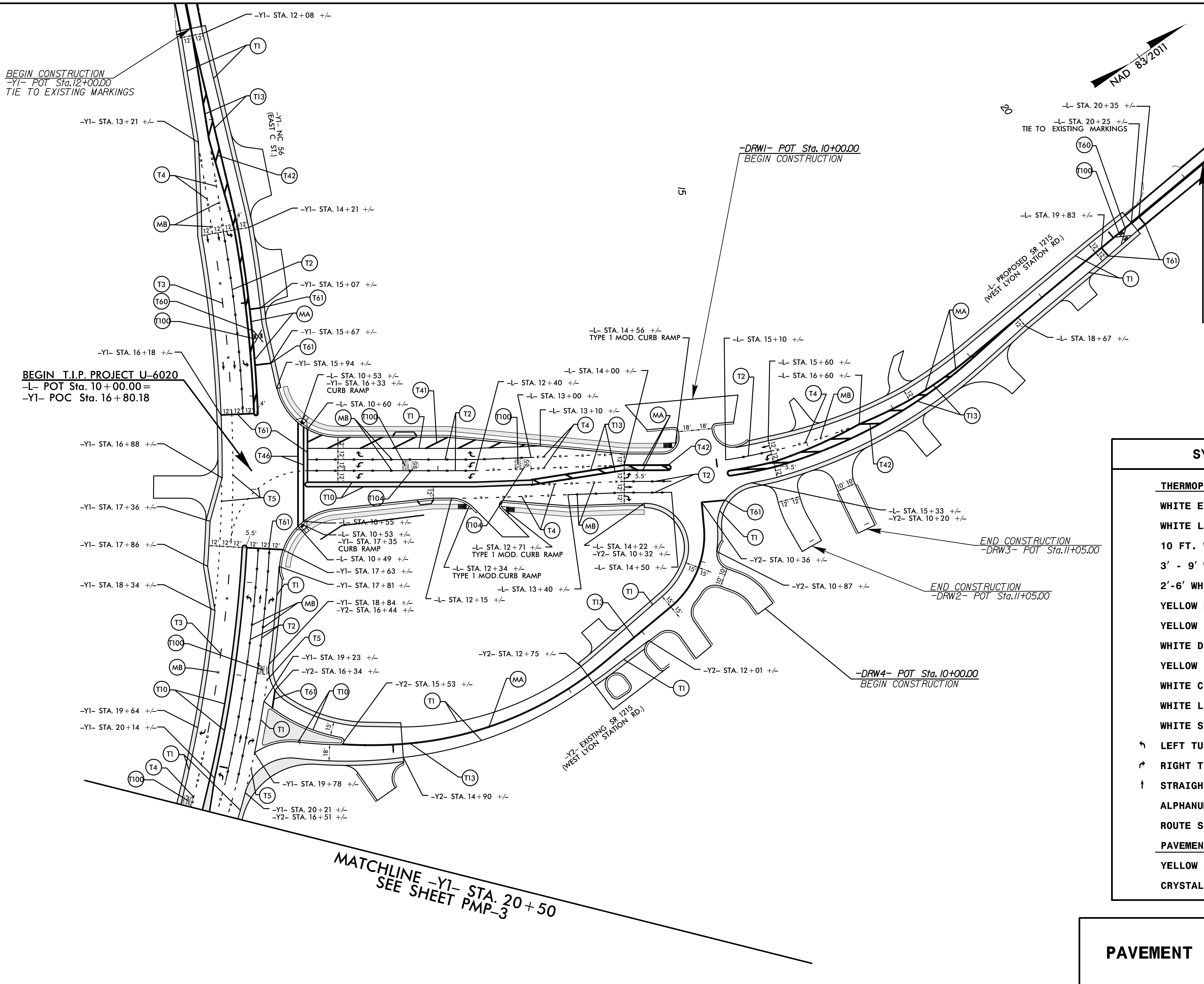


TGS ENGINEERS
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CORP. LICENSE NO. : C-0275

TOMMY REGISTER, PE PROJECT ENGINEER
PAUL SCHULKEN, PE DESIGN TECHNICIAN



TIP NO.	SHEET NO.
U-6020	PMP-2
APPROVED: <i>Clifton Register</i>	
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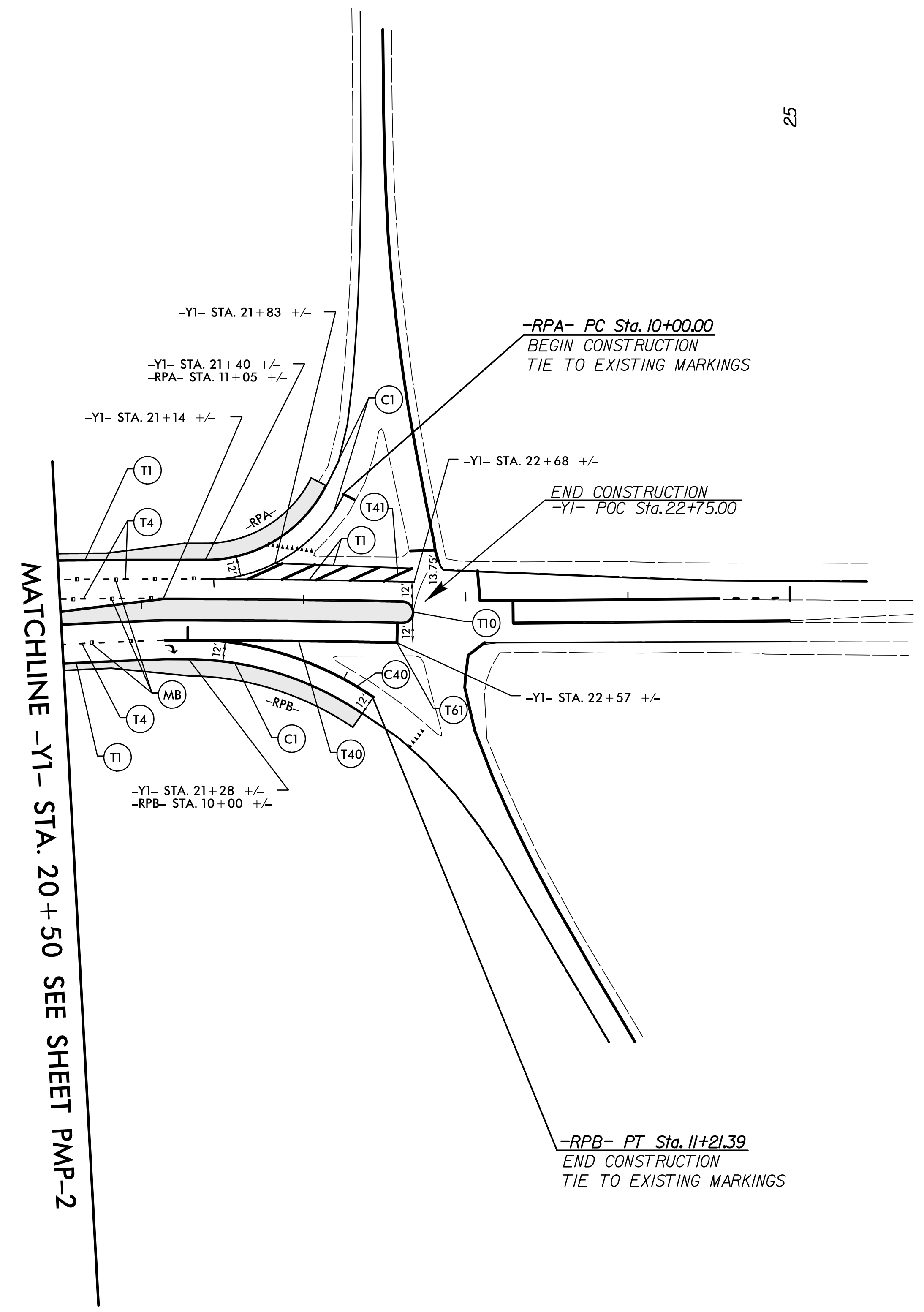
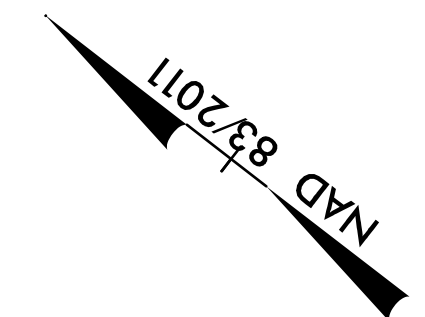
SYMBOL LEGEND	
THERMOPLASTIC MARKINGS	
WHITE EDGELINE (4")	(T1)
WHITE LANE LINE (4")	(T2)
10 FT. WHITE SKIP (4")	(T3)
3' - 9' WHITE MINI SKIP (4")	(T4)
2'-6' WHITE MINI SKIP (4")	(T5)
YELLOW EDGELINE (4")	(T10)
YELLOW DOUBLE CENTER (4")	(T13)
WHITE DIAGONAL (8")	(T41)
YELLOW DIAGONAL (8")	(T42)
WHITE CROSSWALK (8")	(T46)
WHITE LINE, RR X (16")	(T60)
WHITE STOPBAR (24")	(T61)
← LEFT TURN ARROW	(T70)
↻ RIGHT TURN ARROW	(T71)
↑ STRAIGHT ARROW	(T72)
ALPHANUMERIC CHARACTER	(T100)
ROUTE SHIELD 6FT X 15FT	(T104)
PAVEMENT MARKERS	
YELLOW & YELLOW	(MA)
CRYSTAL & RED	(MB)

PAVEMENT MARKING DETAIL

4/25/2024
 U:\Projects\NCDOT\U-6020\Traffic\Signing\Pavement\Marking\210_002_U-6020_Sgn_PMP_02.dgn
 User: mowery

MATCHLINE -Y1- STA. 20+50
SEE SHEET PMP-3

TIP NO. U-6020	SHEET NO. PMP-3
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SYMBOL LEGEND	
THERMOPLASTIC MARKINGS	
WHITE EDGELINE (4")	(T1)
3'-9' SP. WHITE MINISKIP (4")	(T4)
YELLOW EDGELINE (4")	(T10)
WHITE GORELINE (8")	(T40)
WHITE DIAGONAL (8")	(T41)
WHITE STOPBAR (24")	(T61)
COLD APPLIED PLASTIC, TYPE 2 MARKINGS	
WHITE EDGELINE (4")	(C1)
WHITE GORELINE (8")	(C40)
PAVEMENT MARKERS	
CRYSTAL & RED	(MB)

PAVEMENT MARKING DETAIL

5/27/2024
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