


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. U-4007B	SHEET NO. PMP-1
APPROVED: <i>Ayman Alquodwah</i>	
DATE: 6/19/10	
SEAL	
	

PAVEMENT MARKING PLAN
ONSLOW COUNTY

LOCATION: WESTERN PARKWAY FROM APPROXIMATELY 1300 FT.
SOUTH OF COUNTRY CLUB RD. TO WESTERN BLVD.

T.I.P.: U-4007B

CONTRACT: C202558

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
-L- LINE, -Y- LINES AND RAMP	THERMOPLASTIC	SNOWPLOWABLE
BRIDGE DECKS	TYPE 2 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) 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) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE BRIDGE DECK(S) PRIOR TO PLACING TYPE 2 COLD APPLIED PLASTIC PAVEMENT MARKING.

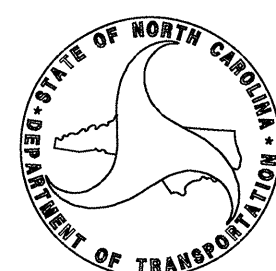
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 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 - 2 LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS

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

A. I. ALQUODWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
D. M. EATON SIGNING & DELINEATION PROJECT DESIGN ENGINEER/TECHNICIAN



INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3 thru 12	PAVEMENT MARKING DETAIL

TIP NO.	SHEET NO.
U-4007B	PMP-2
APPROVED: <i>[Signature]</i>	
DATE: 6/9/10	
SEAL	

FINAL PAVEMENT MARKINGS

THERMOPLASTIC(24", 120 MILS)	
T2	WHITE STOPBAR
COLD APPLIED PLASTIC (4") Type2 - Permanent High Performance	
CA	WHITE EDGELINE
CB	YELLOW EDGELINE
CC	10 FT. WHITE SKIP
CD	2 FT. - 13 FT./SP WHITE MINISKIP
THERMOPLASTIC(4", 120 MILS)	
T8	2 FT. - 8 FT./SP WHITE MINISKIP
TC	10 FT. WHITE SKIP
TD	2 FT. - 13 FT./SP WHITE MINISKIP
TE	WHITE SOLID LANE LINE
TF	10 FT. YELLOW SKIP
TG	2 FT. - 13 FT./SP YELLOW MINISKIP
TH	YELLOW SINGLE CENTER
TI	YELLOW DOUBLE CENTER
THERMOPLASTIC(4", 90 MILS)	
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
COLD APPLIED PLASTIC (8") Type2 - Permanent High Performance	
CS	WHITE DIAGONAL
THERMOPLASTIC(8", 90 MILS)	
TP	WHITE GORELINE
TQ	WHITE DIAGONAL
TT	YELLOW DIAGONAL

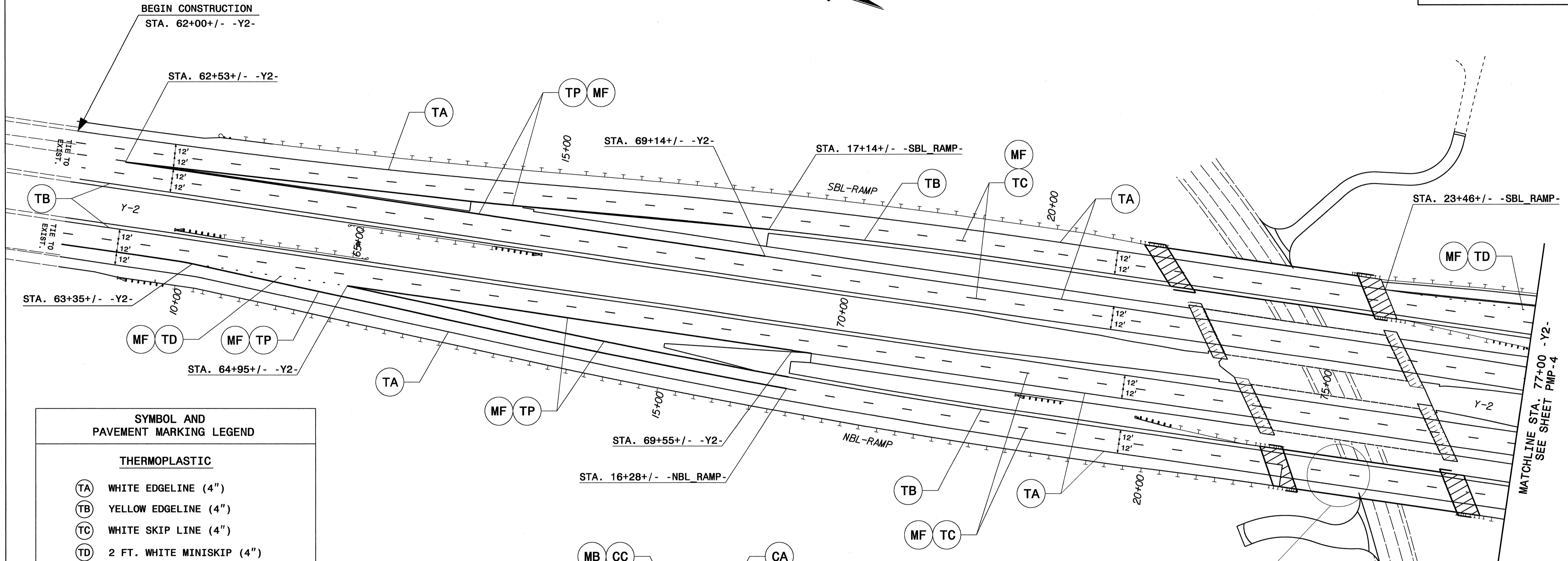
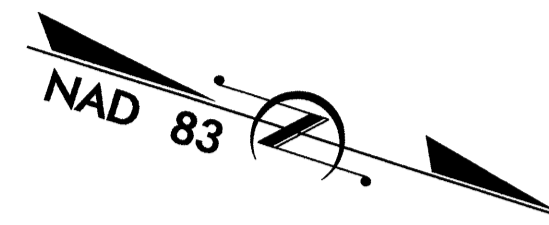
FINAL PAVEMENT MARKINGS CHARACTERS & SYMBOLS

THERMOPLASTICPAVEMENT MARKING CHARACTER (120 MILS)	
UI	ALPHANUMERIC CHAR.
THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS)	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UE	COMBO.STRAIGHT/RIGHT
UT	U-TURN ARROW

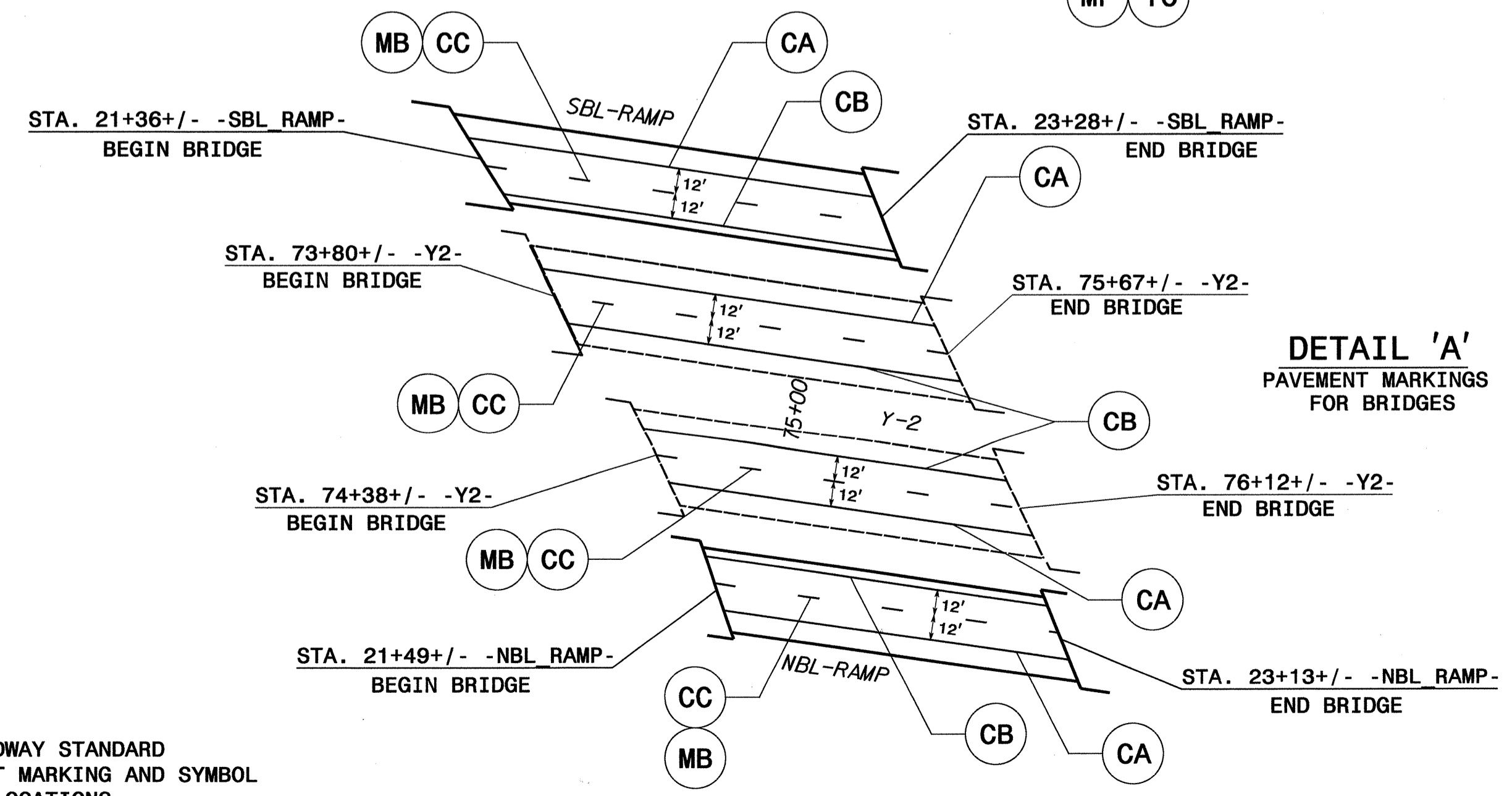
FINAL PAVEMENT MARKERS

PERMANENT RAISED PAVEMENT MARKERS	
MB	CRYSTAL & RED
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
ME	YELLOW & YELLOW
MF	CRYSTAL & RED

PAVEMENT MARKING DETAIL



SYMBOL AND PAVEMENT MARKING LEGEND	
THERMOPLASTIC	
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TC)	WHITE SKIP LINE (4")
(TD)	2 FT. WHITE MINISKIP (4")
(TP)	WHITE GORELINE (8")
COLD APPLIED PLASTIC	
(CA)	WHITE EDGELINE (4")
(CB)	YELLOW EDGELINE (4")
(CC)	WHITE SKIP LINE (4")
PERMANENT RAISED PAVEMENT MARKERS	
(MB)	CRYSTAL & RED
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
(MF)	CRYSTAL & RED



SEE DETAIL 'A' FOR BRIDGE PAVEMENT MARKINGS

NOTES:
 1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.03, 1205.12 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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 TE27908
 meaton

SYMBOL AND PAVEMENT MARKING LEGEND

↑ (UC) STRAIGHT ARROW

THERMOPLASTIC

- (TA) WHITE EDGELINE (4")
- (TB) YELLOW EDGELINE (4")
- (TC) WHITE SKIP LINE (4")
- (TD) 2 FT. WHITE MINISKIP (4")
- (TQ) WHITE DIAGONAL (8")
- (TP) WHITE GORELINE (8")

COLD APPLIED PLASTIC

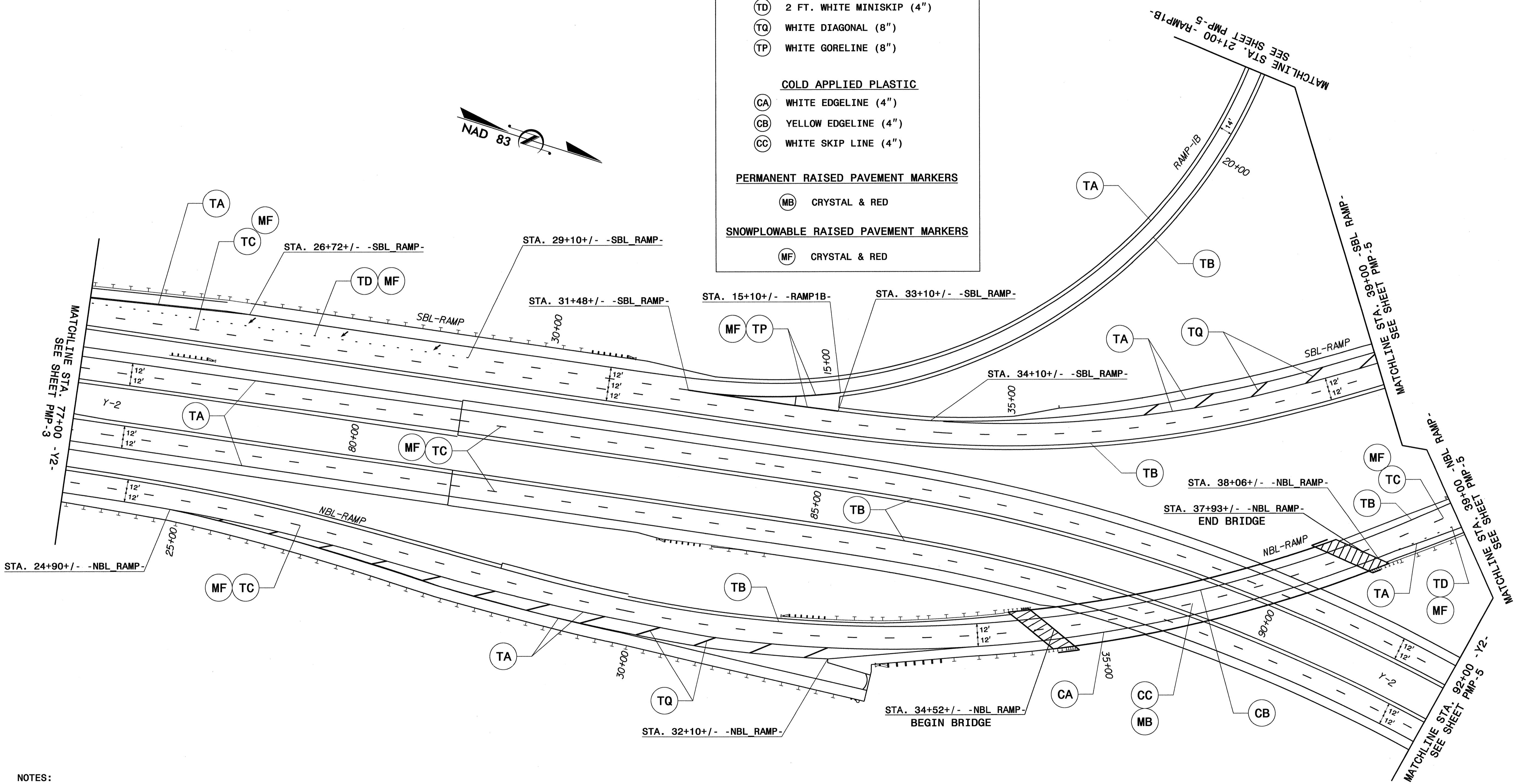
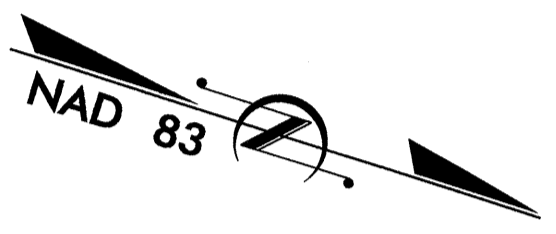
- (CA) WHITE EDGELINE (4")
- (CB) YELLOW EDGELINE (4")
- (CC) WHITE SKIP LINE (4")

PERMANENT RAISED PAVEMENT MARKERS

- (MB) CRYSTAL & RED

SNOWPLOWABLE RAISED PAVEMENT MARKERS

- (MF) CRYSTAL & RED




NOTES:

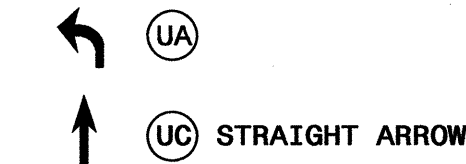
- UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.03, 1205.06, 1205.08, 1205.09, 1205.12 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

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TIP NO. U-4007B	SHEET NO. PMP-5
APPROVED: <i>[Signature]</i>	
DATE: 6/17/10	
SEAL	
	

SYMBOL AND PAVEMENT MARKING LEGEND



THERMOPLASTIC

- (T2) WHITE STOPBAR (24)
- (TB) 2 FT. WHITE MINISKIP (4")
- (TA) WHITE EDGELINE (4")
- (TB) YELLOW EDGELINE (4")
- (TC) WHITE SKIP LINE (4")
- (TD) 2 FT. WHITE MINISKIP (4")
- (TP) WHITE GORELINE (8")
- (TQ) WHITE DIAGONAL (8")

COLD APPLIED PLASTIC

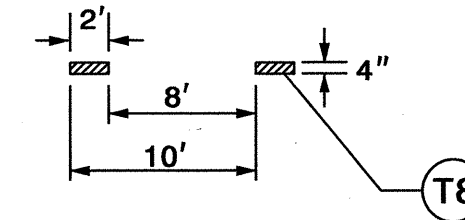
- (CA) WHITE EDGELINE (4")
- (CB) YELLOW EDGELINE (4")
- (CC) WHITE SKIP LINE (4")
- (CD) 2 FT. WHITE MINISKIP (4")
- (CS) WHITE DIAGONAL (8")

PERMANENT RAISED PAVEMENT MARKERS

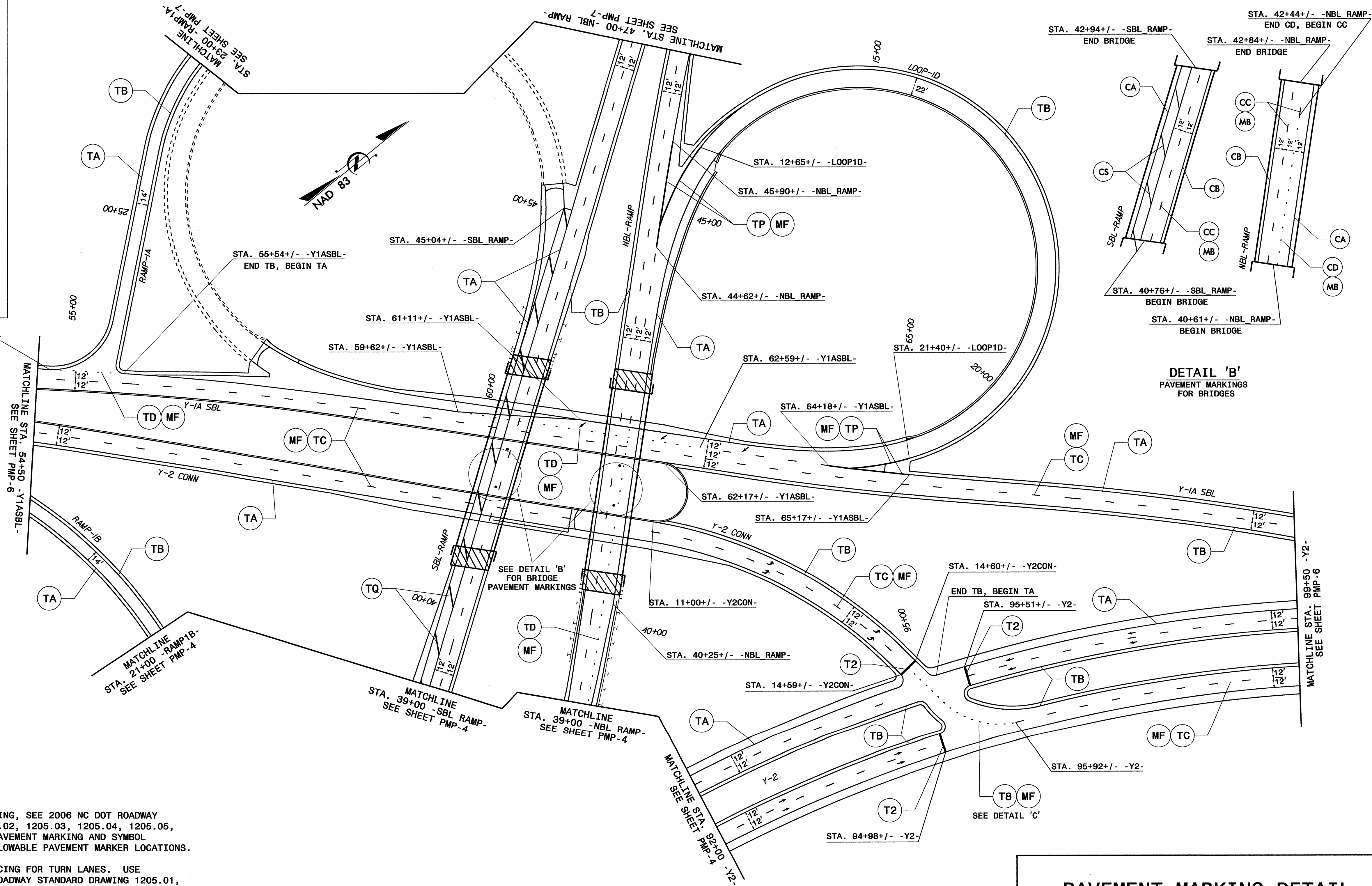
- (MB) CRYSTAL & RED

SNOWPLOWABLE RAISED PAVEMENT MARKERS

- (MF) CRYSTAL & RED



DETAIL 'C'
MINI-SKIP SPACING FOR TURN LANES

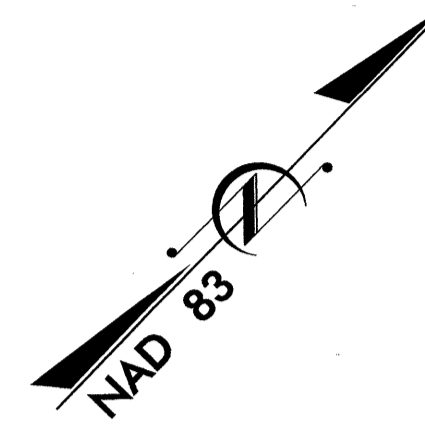
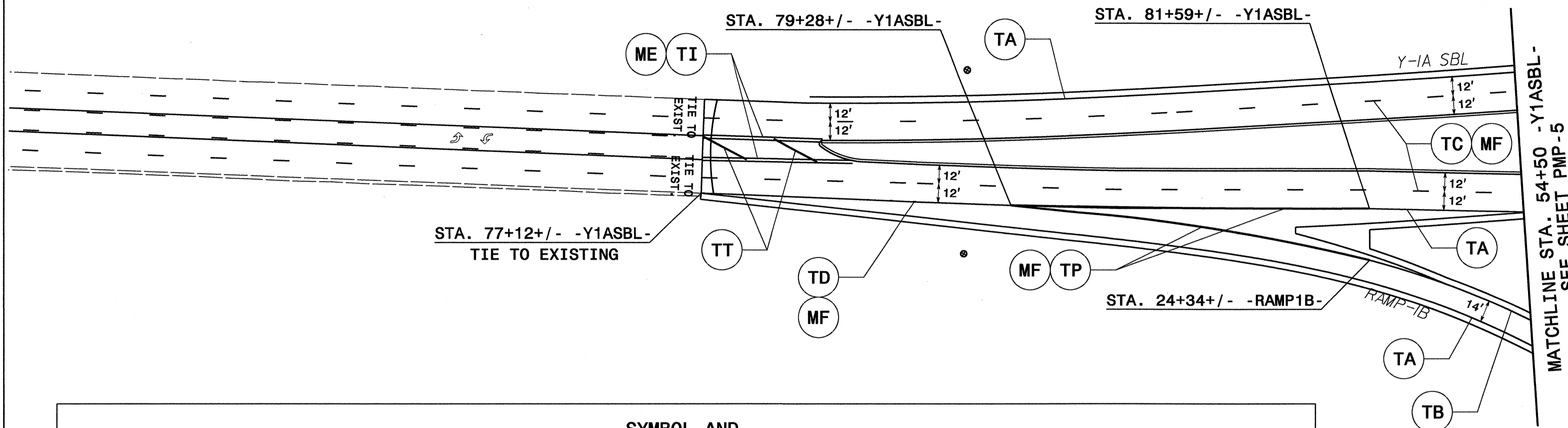





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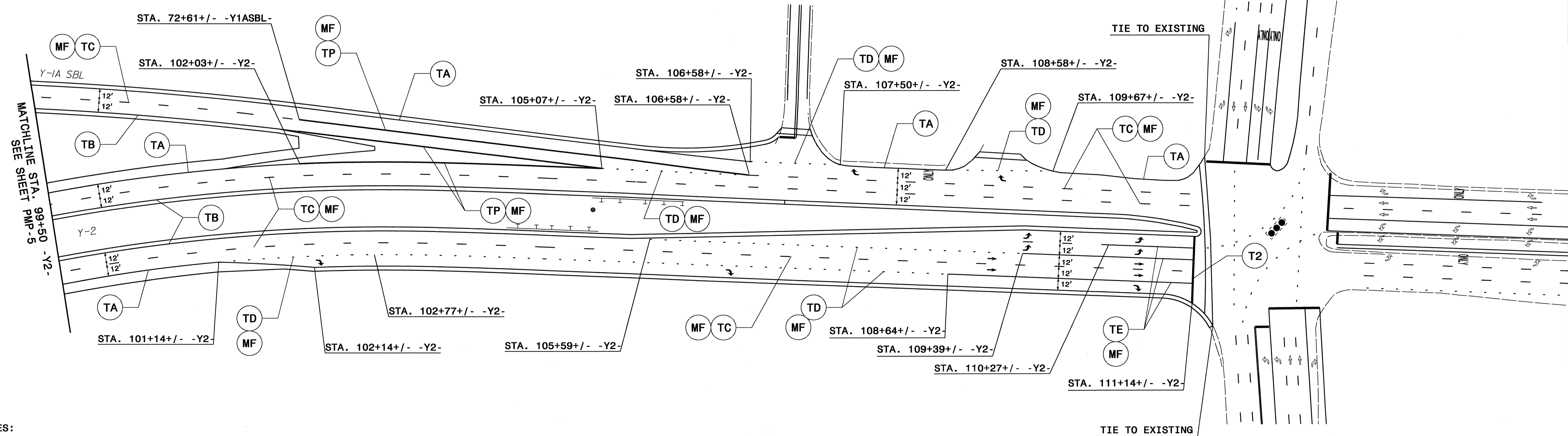
1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.03, 1205.04, 1205.05, 1205.08, 1205.09, 1205.12 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.
2. SEE DETAIL 'C' FOR MINI-SKIP SPACING FOR TURN LANES. USE MINI-SKIP SPACING AS SHOWN ON ROADWAY STANDARD DRAWING 1205.01, SHEET 1, FOR ALL OTHER LOCATIONS.

PAVEMENT MARKING DETAIL

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SYMBOL AND PAVEMENT MARKING LEGEND		
 (UA) LEFT TURN ARROW  (UB) RIGHT TURN ARROW  (UC) STRAIGHT ARROW ONLY (UI) ALPHANUMERIC CHARACTER	THERMOPLASTIC	
	(TA)	WHITE EDGELINE (4")
	(TB)	YELLOW EDGELINE (4")
	(TC)	WHITE SKIP LINE (4")
	(TD)	2 FT. WHITE MINISKIP (4")
	(TE)	WHITE LANE LINE (4")
	(TI)	YELLOW DOUBLE CENTER (4")
	(TP)	WHITE GORELINE (8")
	(TT)	YELLOW DIAGONAL (8")
	SNOWPLOWABLE RAISED PAVEMENT MARKERS	
	(ME)	YELLOW & YELLOW
	(MF)	CRYSTAL & RED

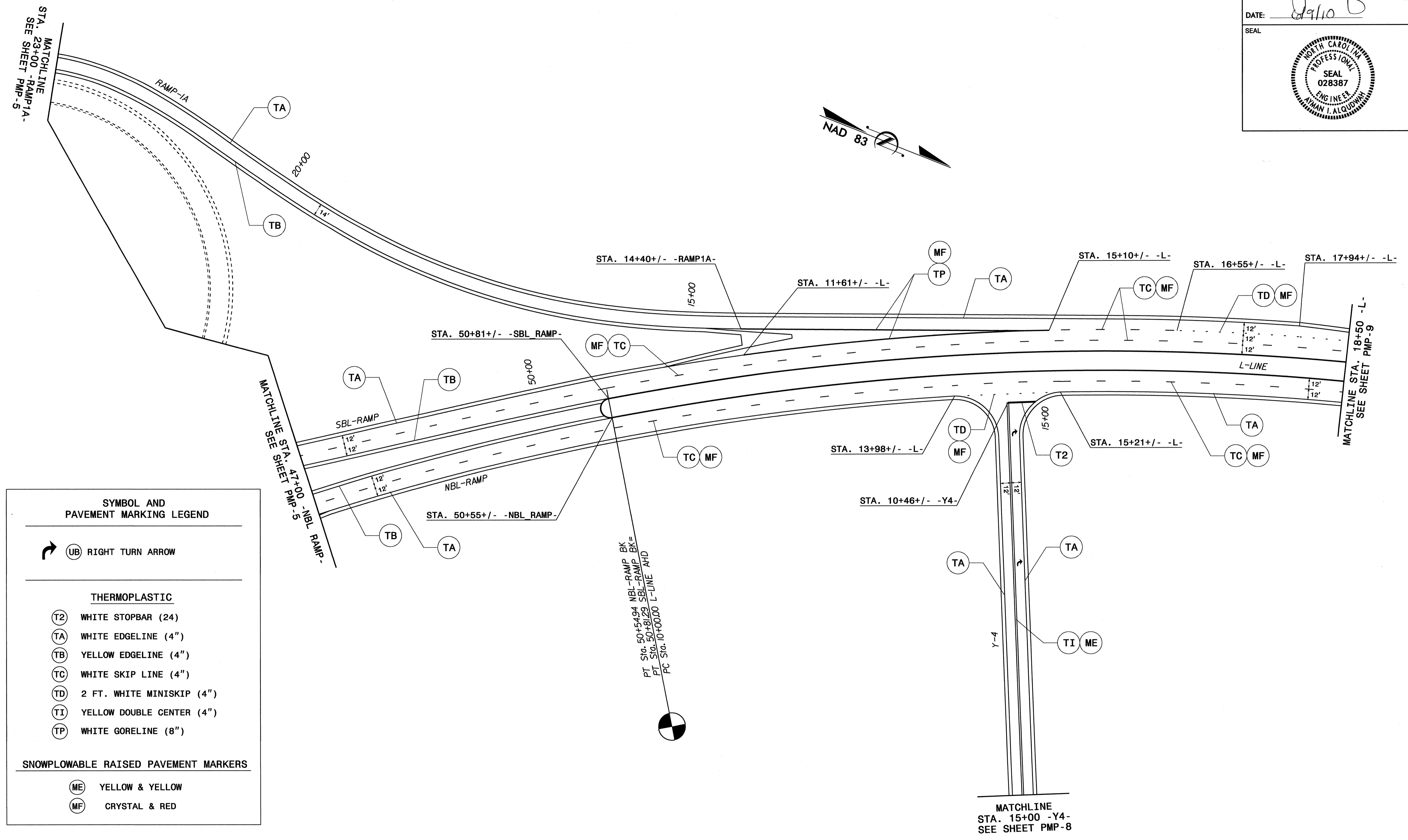


NOTES:
 1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.03, 1205.04, 1205.05, 1205.06, 1205.08, 1205.09 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.


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TIP NO. U-4007B	SHEET NO. PMP-7
APPROVED: <i>[Signature]</i>	
DATE: 8/9/10	
SEAL	
	



SYMBOL AND PAVEMENT MARKING LEGEND

 (UB) RIGHT TURN ARROW

THERMOPLASTIC

(T2) WHITE STOPBAR (24)

(TA) WHITE EDGELINE (4")

(TB) YELLOW EDGELINE (4")

(TC) WHITE SKIP LINE (4")

(TD) 2 FT. WHITE MINISKIP (4")

(TI) YELLOW DOUBLE CENTER (4")

(TP) WHITE GORELINE (8")

SNOWPLOWABLE RAISED PAVEMENT MARKERS


(ME) YELLOW & YELLOW

(MF) CRYSTAL & RED

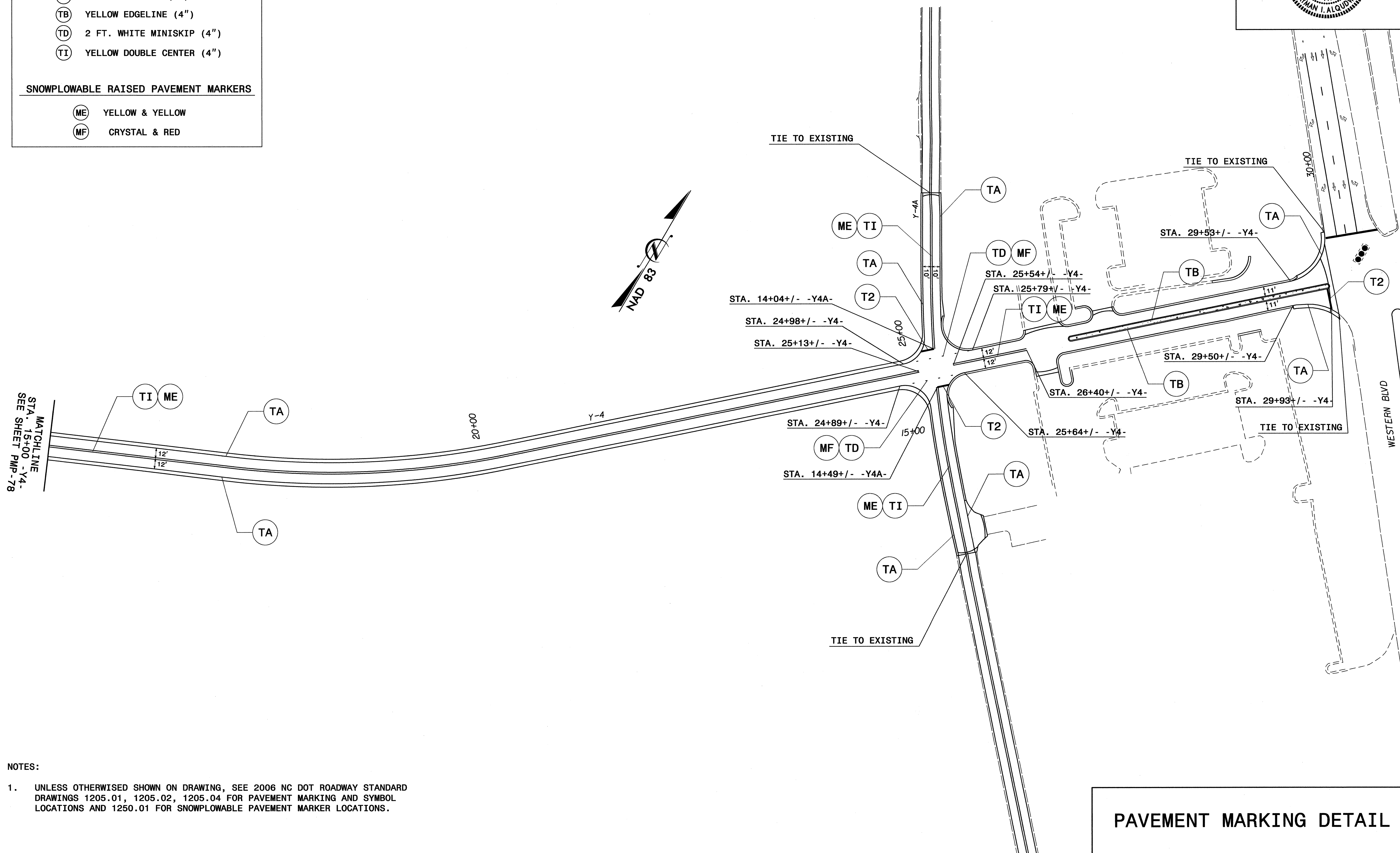
- NOTES:**
- UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.03, 1205.04, 1205.05, 1205.08 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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TIP NO. U-4007B	SHEET NO. PMP-8
APPROVED: <i>[Signature]</i>	
DATE: 6/9/10	
SEAL	
	

SYMBOL AND PAVEMENT MARKING LEGEND	
THERMOPLASTIC	
(T2)	WHITE STOPBAR (24)
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TD)	2 FT. WHITE MINISKIP (4")
(TI)	YELLOW DOUBLE CENTER (4")
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
(ME)	YELLOW & YELLOW
(MF)	CRYSTAL & RED



NOTES:
 1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.04 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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TIP NO. U-4007B	SHEET NO. PMP-9
APPROVED: <i>[Signature]</i>	
DATE: 6/19/10	
SEAL	

SYMBOL AND PAVEMENT MARKING LEGEND

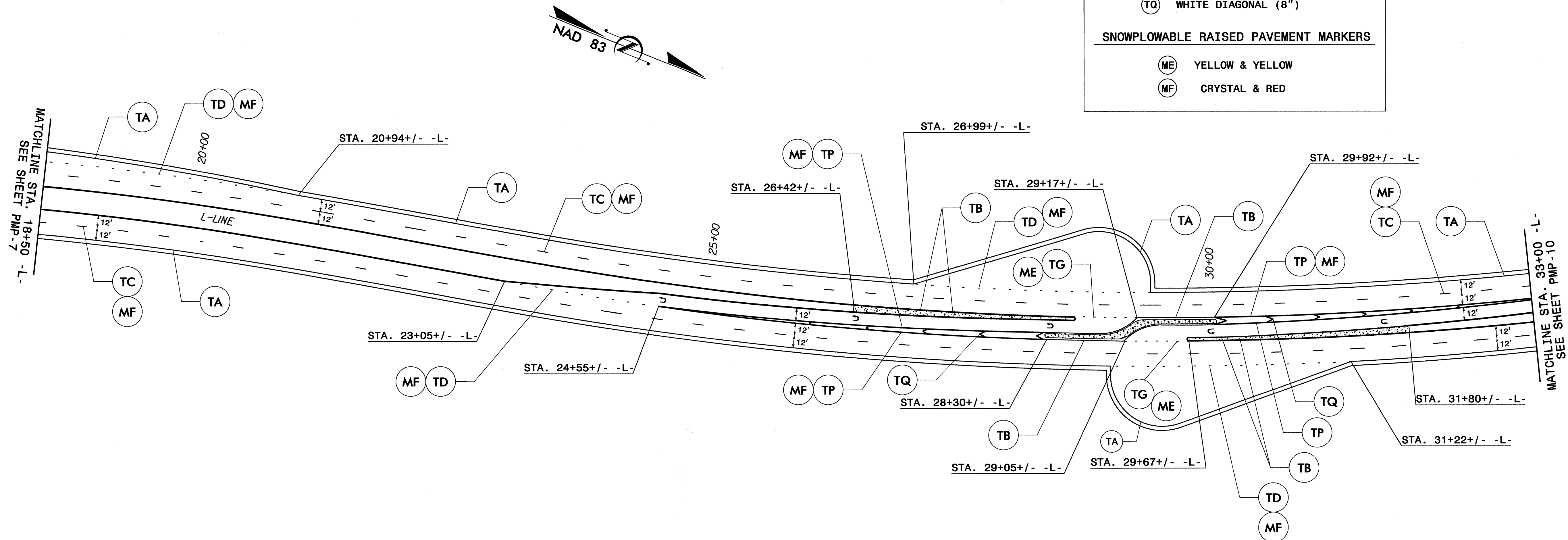
(UT) U-TURN ARROW

THERMOPLASTIC

- (TA) WHITE EDGELINE (4")
- (TB) YELLOW EDGELINE (4")
- (TC) WHITE SKIP LINE (4")
- (TD) 2 FT. WHITE MINISKIP (4")
- (TG) 2 FT. YELLOW MINISKIP (4")
- (TP) WHITE GORELINE (8")
- (TQ) WHITE DIAGONAL (8")

SNOWPLOWABLE RAISED PAVEMENT MARKERS

- (ME) YELLOW & YELLOW
- (MF) CRYSTAL & RED



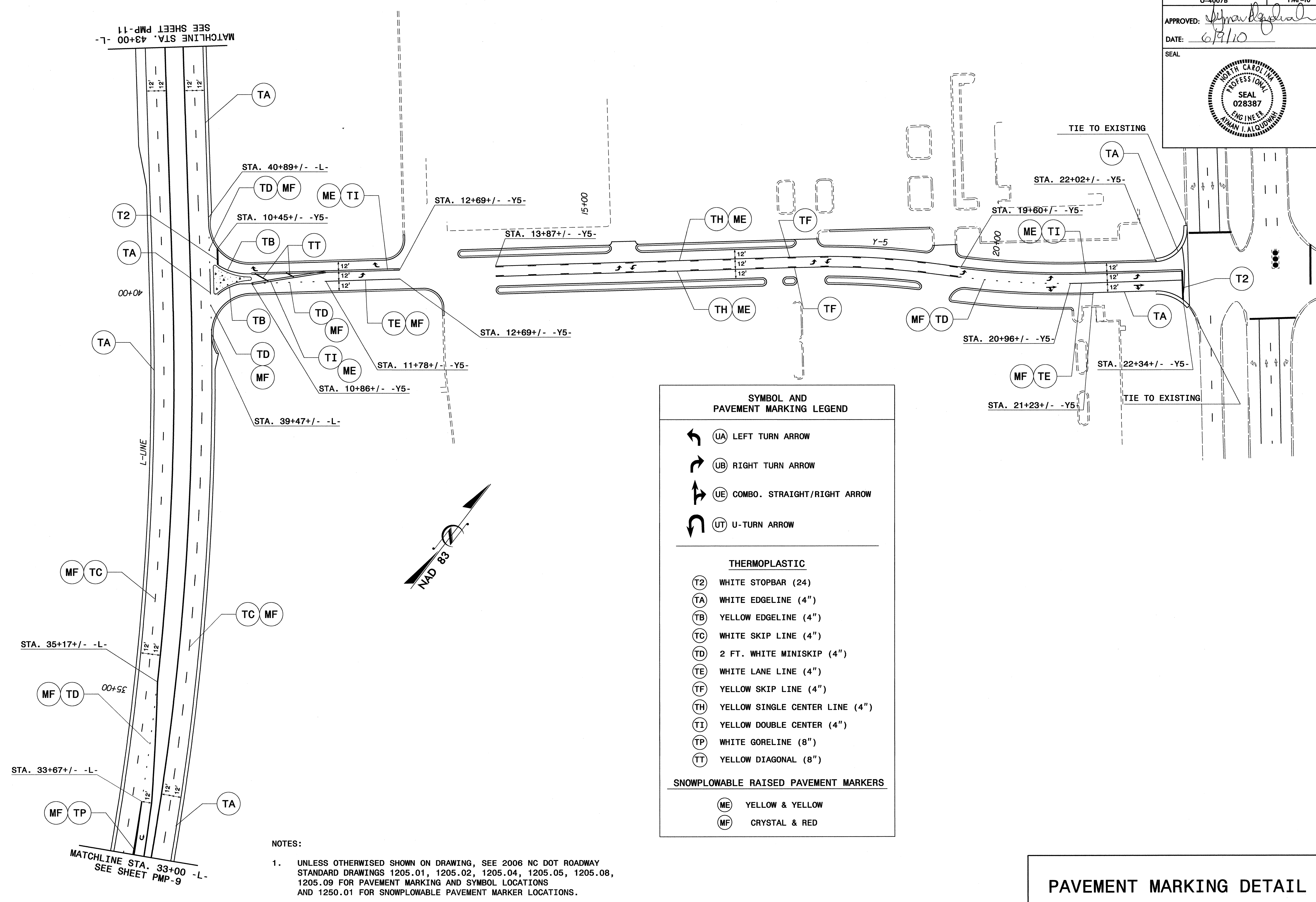
NOTES:

- UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.04, 1205.05, 1205.06, 1205.07, 1205.08, 1205.09 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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TIP NO. U-4007B	SHEET NO. PMP-10
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DATE: 6/9/10	
SEAL	



SYMBOL AND PAVEMENT MARKING LEGEND	
	UA LEFT TURN ARROW
	UB RIGHT TURN ARROW
	UE COMBO. STRAIGHT/RIGHT ARROW
	UT U-TURN ARROW
THERMOPLASTIC	
(T2)	WHITE STOPBAR (24)
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TC)	WHITE SKIP LINE (4")
(TD)	2 FT. WHITE MINISKIP (4")
(TE)	WHITE LANE LINE (4")
(TF)	YELLOW SKIP LINE (4")
(TH)	YELLOW SINGLE CENTER LINE (4")
(TI)	YELLOW DOUBLE CENTER (4")
(TP)	WHITE GORELINE (8")
(TT)	YELLOW DIAGONAL (8")
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
(ME)	YELLOW & YELLOW
(MF)	CRYSTAL & RED

NOTES:
 1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.04, 1205.05, 1205.08, 1205.09 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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 Plot: 1/27/10 11:27:08 AM
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APPROVED: <i>[Signature]</i>	
DATE: 6/19/10	
SEAL	

**SYMBOL AND
PAVEMENT MARKING LEGEND**

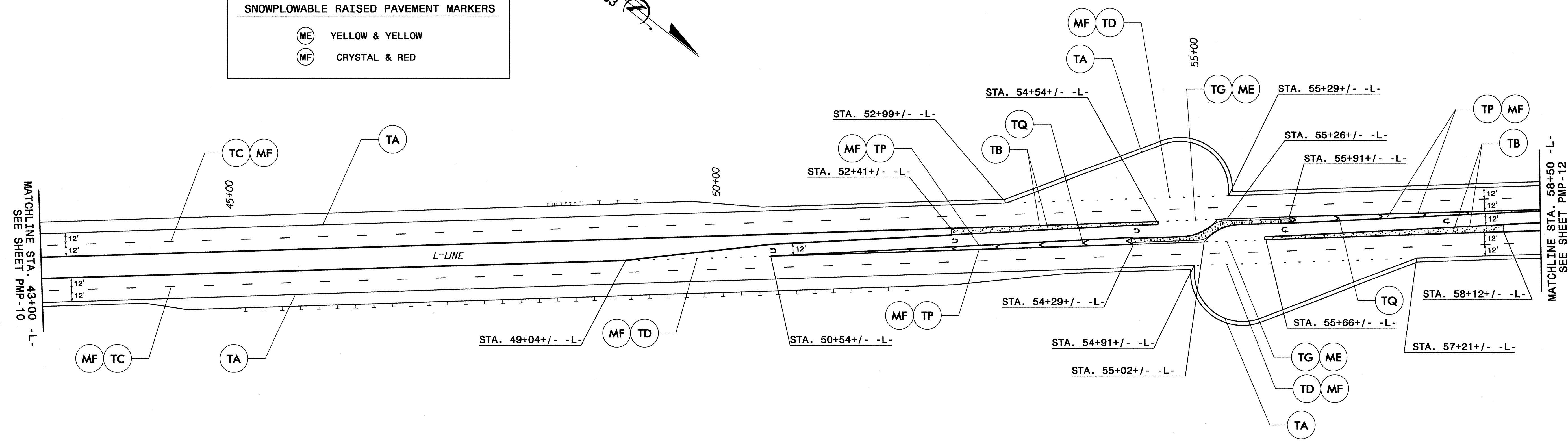
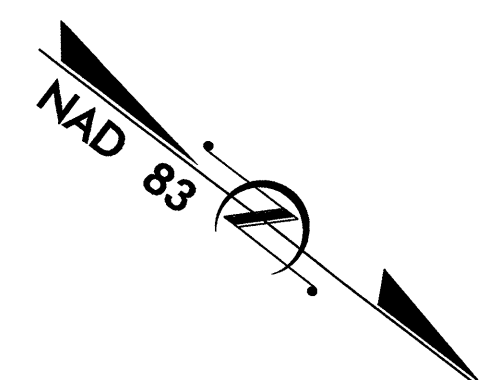
(UT) U-TURN ARROW

THERMOPLASTIC

(TA) WHITE EDGELINE (4")
 (TB) YELLOW EDGELINE (4")
 (TC) WHITE SKIP LINE (4")
 (TD) 2 FT. WHITE MINISKIP (4")
 (TG) 2 FT. YELLOW MINISKIP (4")
 (TP) WHITE GORELINE (8")
 (TQ) WHITE DIAGONAL (8")

SNOWPLOWABLE RAISED PAVEMENT MARKERS

(ME) YELLOW & YELLOW
 (MF) CRYSTAL & RED



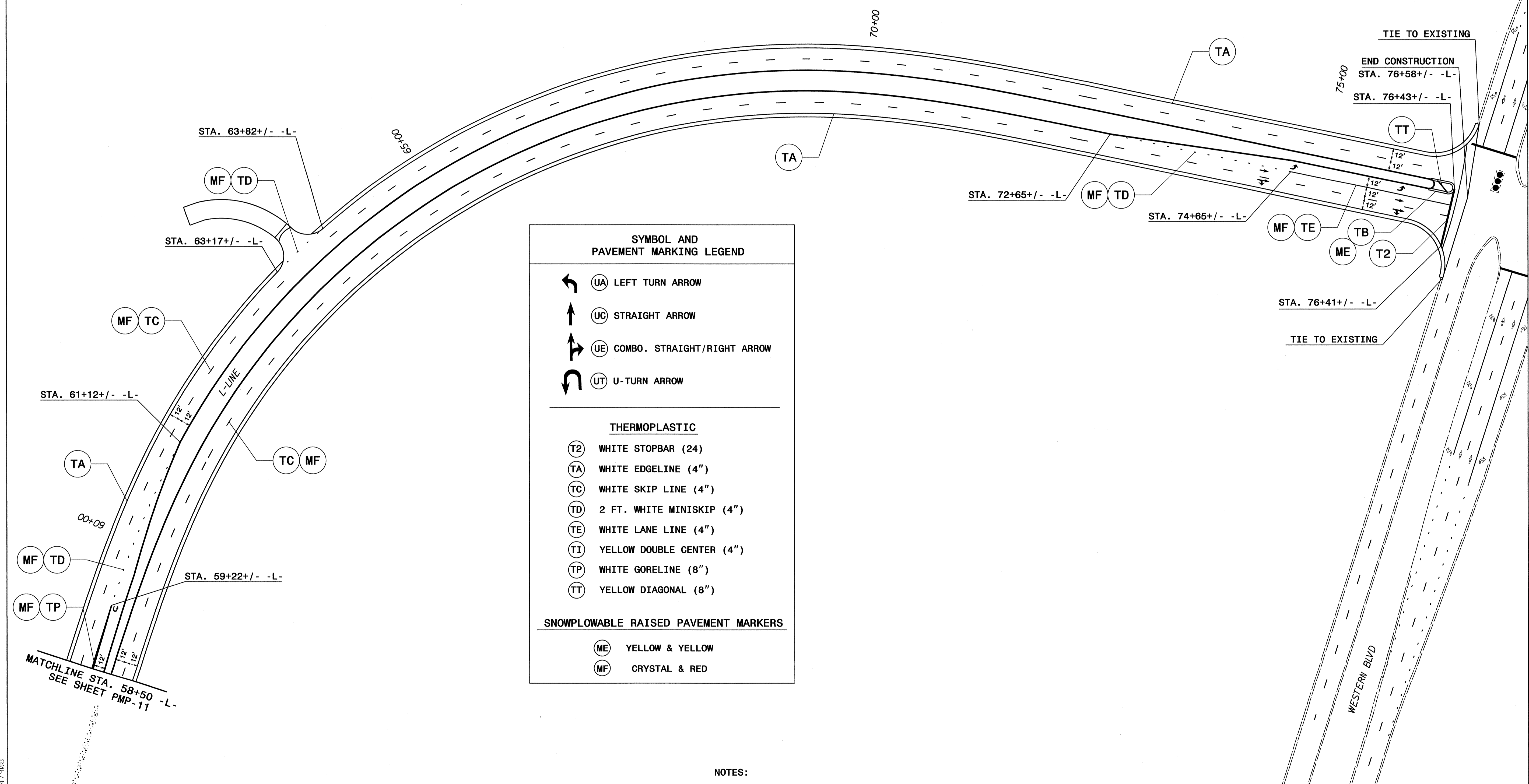
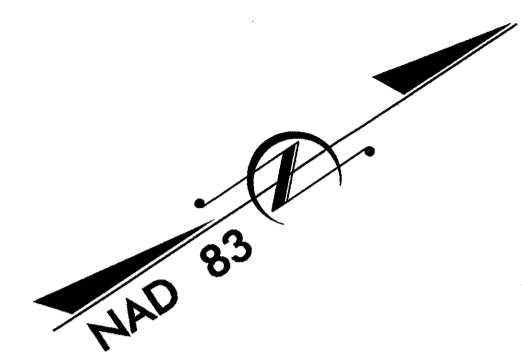
NOTES:

- UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.04, 1205.05, 1205.08, 1205.09 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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 meaton

TIP NO. U-4007B	SHEET NO. PMP-12
APPROVED: <i>[Signature]</i>	
DATE: 6/9/10	
SEAL	



SYMBOL AND PAVEMENT MARKING LEGEND	
	UA LEFT TURN ARROW
	UC STRAIGHT ARROW
	UE COMBO. STRAIGHT/RIGHT ARROW
	UT U-TURN ARROW
THERMOPLASTIC	
	T2 WHITE STOPBAR (24)
	TA WHITE EDGELINE (4")
	TC WHITE SKIP LINE (4")
	TD 2 FT. WHITE MINISKIP (4")
	TE WHITE LANE LINE (4")
	TI YELLOW DOUBLE CENTER (4")
	TP WHITE GORELINE (8")
	TT YELLOW DIAGONAL (8")
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
	ME YELLOW & YELLOW
	MF CRYSTAL & RED

NOTES:
 1. UNLESS OTHERWISE SHOWN ON DRAWING, SEE 2006 NC DOT ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.04, 1205.05, 1205.08, 1205.09 FOR PAVEMENT MARKING AND SYMBOL LOCATIONS AND 1250.01 FOR SNOWPLOWABLE PAVEMENT MARKER LOCATIONS.

PAVEMENT MARKING DETAIL

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