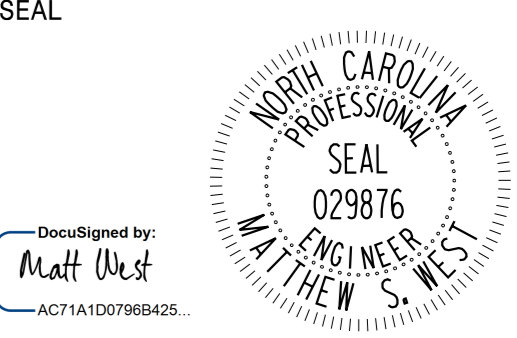


T.I.P.: EB-4707B

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
DURHAM COUNTY**

**LOCATION: SR 2220 (OLD CHAPEL HILL ROAD)
FROM SR 1113 (POPE ROAD)
TO SR 1116 (GARRETT ROAD)**

TIP NO. EB-4707B	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
SEAL	
	
1/30/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
FINAL PAVEMENT MARKING	

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-3	REVISED PAVEMENT MARKINGS SYMBOLS AND MESSAGES STANDARD DRAWING 1205.08
PMP-4	REVISED PAVEMENT MARKINGS PEDESTRIAN CROSSWALK STANDARD DRAWING 1205.07
PMP-5 THRU PMP-12	PAVEMENT MARKING DETAIL

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 2012 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
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1264.01	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	FINAL PAVEMENT MARKINGS
	THERMOPLASTIC (24", 120 MILS)
T2	WHITE STOPBAR
T3	WHITE CROSSWALK LINE
	THERMOPLASTIC (12", 120 MILS)
T10	WHITE 3' - 3'/SP MINI-SKIP
	THERMOPLASTIC (4", 90 MILS)
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
	THERMOPLASTIC (4", 120 MILS)
T8	WHITE 2' - 6' MINI-SKIP
TC	WHITE 10' SKIP
TD	WHITE 3' - 9'/SP MINI-SKIP
TE	WHITE SOLID LANE LINE
TF	YELLOW 10' SKIP
TH	YELLOW SINGLE CENTER
TI	YELLOW DOUBLE CENTER
	THERMOPLASTIC (8", 90 MILS)
TO	WHITE DIAGONAL
TP	YELLOW DIAGONAL
	THERMOPLASTIC (8", 120 MILS)
TQ	WHITE CROSSWALK LINE
	THERMOPLASTIC (12", 90 MILS)
TS	WHITE GORELINE
	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UE	COMBO STRAIGHT/RIGHT ARROW
UF	COMBO LEFT/RIGHT ARROW
UJ	BICYCLE SYMBOL
UK	BICYCLE STRAIGHT ARROW
UN	24" YIELD LINE TRIANGLE
UP	MERGE ARROW
	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (120 MILS)
UI	ALPHANUMERIC CHARACTERS
	PAVEMENT MARKER SYMBOLS
MA	YELLOW & YELLOW
MB	CRYSTAL & RED

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	PAINT
PH	4" YELLOW SINGAL CENTER
P9	4" YELLOW 2' - 6' MINI-SKIP
	POLYUREA
VL	6" WHITE SOLID LANE LINE
VI	4" YELLOW DOUBLE CENTER LINE

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.

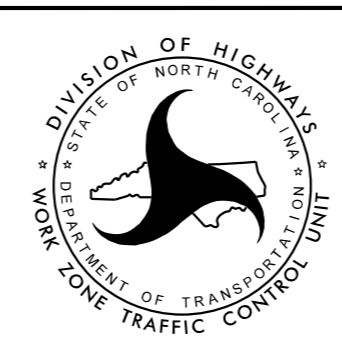
- A) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
-L-	THERMOPLASTIC	MA/MB
-Y13-	THERMOPLASTIC	MA/MB
-Y3-	THERMOPLASTIC	MA/MB
-Y4-	THERMOPLASTIC	MA/MB

- 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) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
 F) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR ARROWS, STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.
 G) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

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

RENEE B. ROACH, PE, CPM	SIGNING & DELINEATION REGIONAL ENGINEER
SAMUEL D. COLEMAN, EI	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: Kimley-Horn and Associates

Erin Thompson P.E.	PROJECT DESIGN ENGINEER
Rachel Abromaitis	DESIGNER

Kimley»Horn

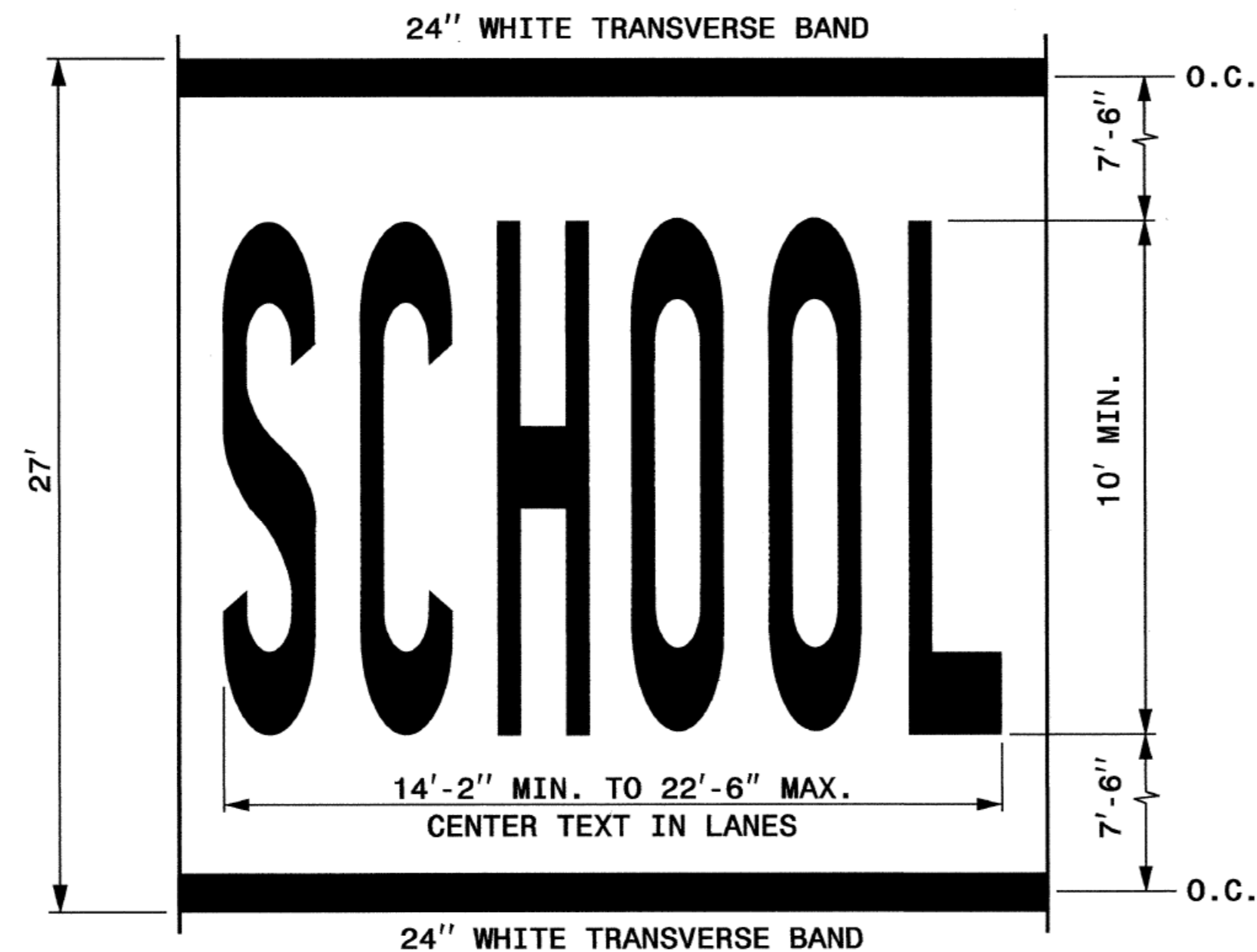
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-12

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08

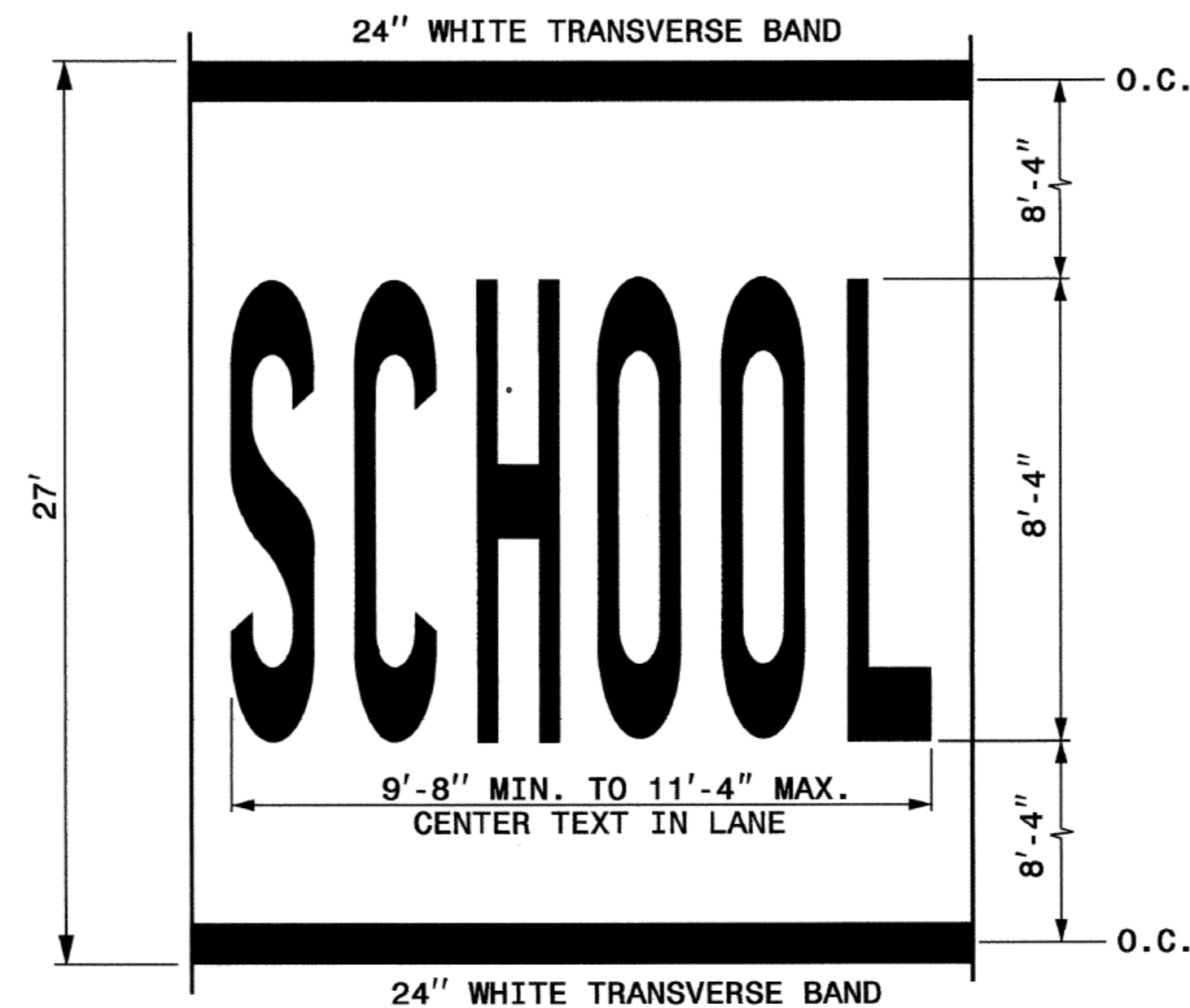
MULTI-LANE WIDTH "SCHOOL"



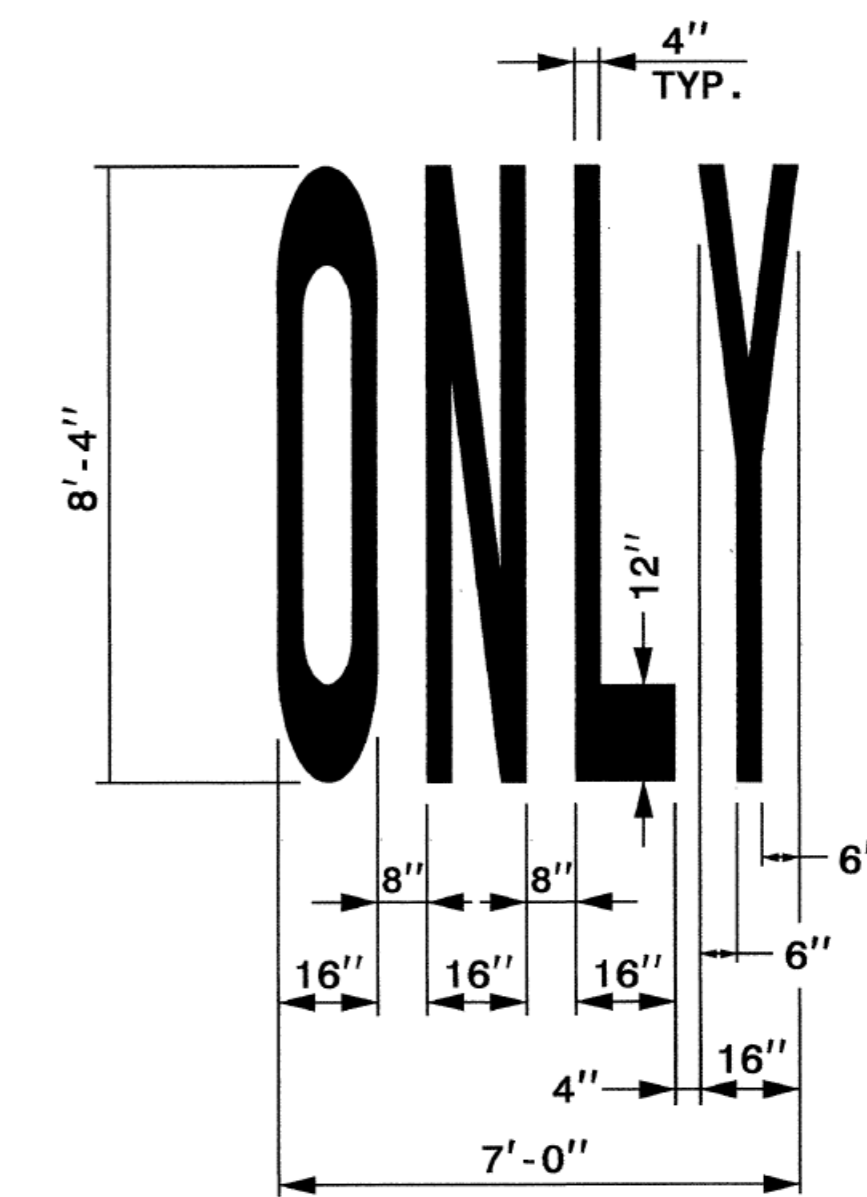
LETTER HEIGHT = 10' MIN.
LETTER WIDTH = 20"
SPACING = 10" MIN./30" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

NOTE: THE TWO-LANE PAVEMENT MARKING DIMENSIONS OF "SCHOOL" SHOWN IN PART 7 OF THE MUTCD MAY ALSO BE USED.

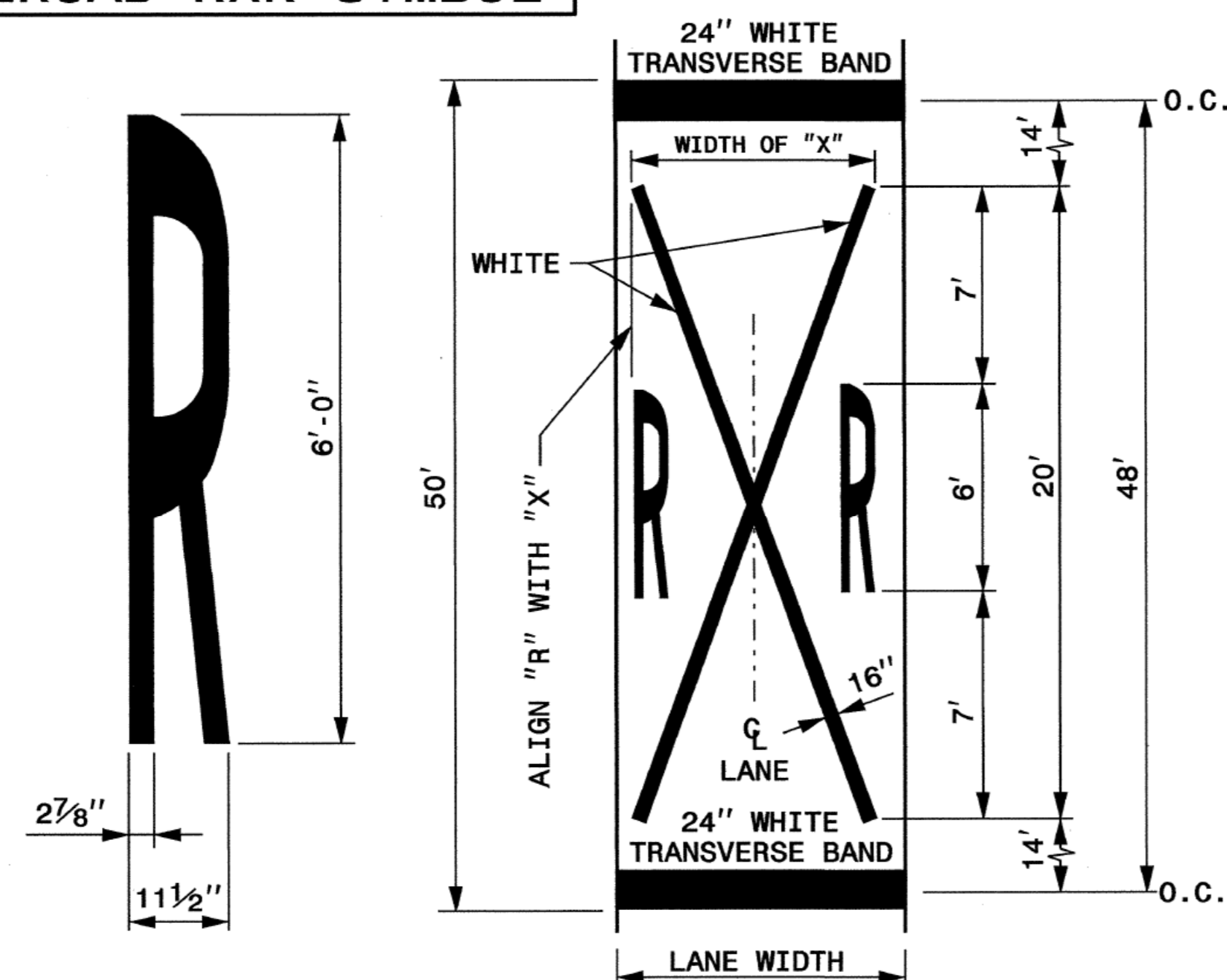
SINGLE LANE WIDTH "SCHOOL"



LETTER HEIGHT = 8'-4"
LETTER WIDTH = 16"
SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)



RAILROAD RXR SYMBOL



LANE WIDTH (FEET)	WIDTH OF "X" (FEET)
8' ≤ W ≤ 9'	7'
9' < W ≤ 12'	8'
W > 12'	10'

GENERAL NOTES:

- 1- THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.10 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
- 2- PAVEMENT MARKING IN ADVANCE OF A HIGHWAY-RAIL CROSSING SHALL CONSIST OF TWO (2) CHARACTERS AND TWO (2) 16" LINES (FORMING AN X) WHICH ARE PAID FOR UNDER TWO SEPARATE PAY ITEMS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.11 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

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

1-12

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

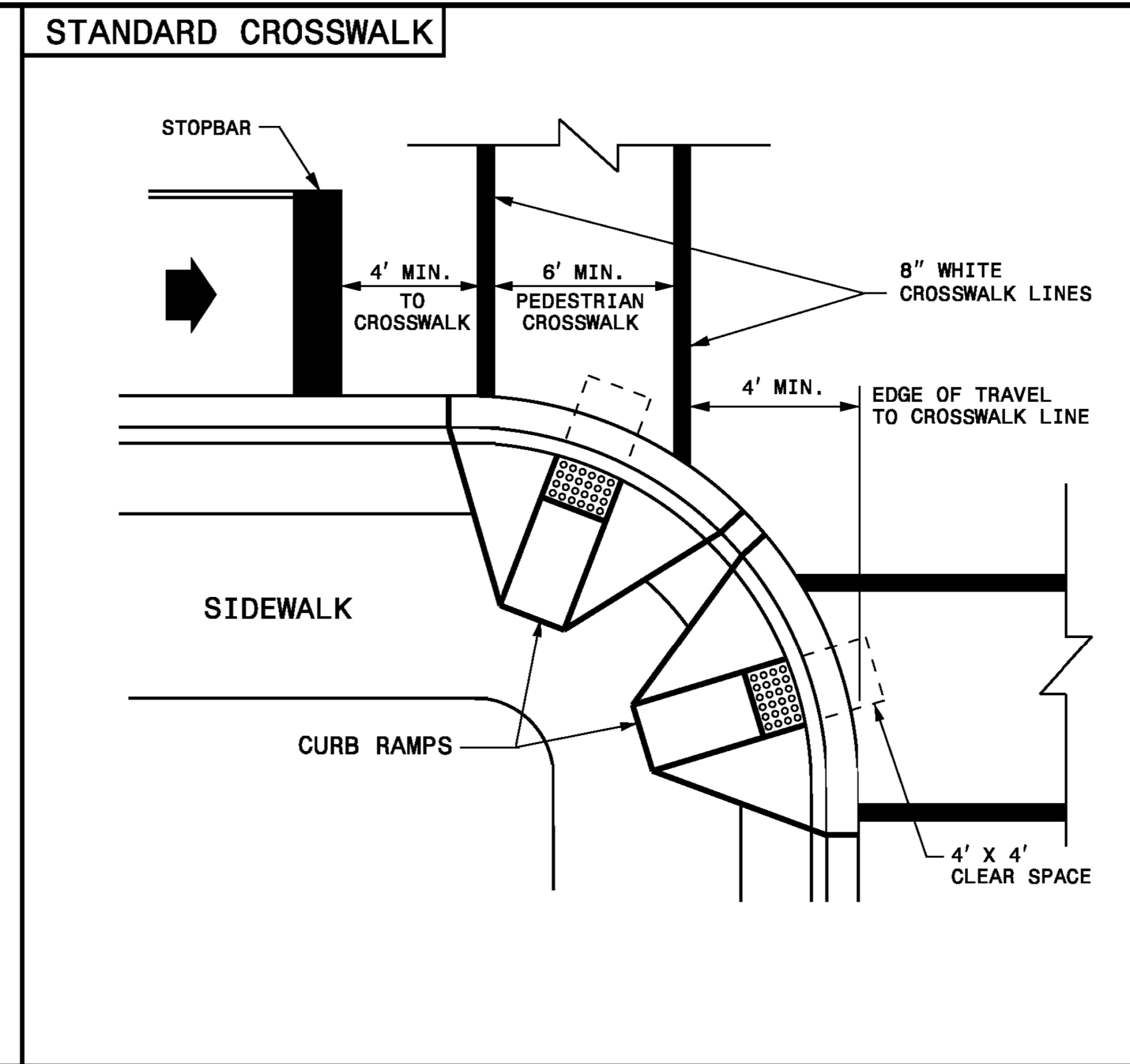
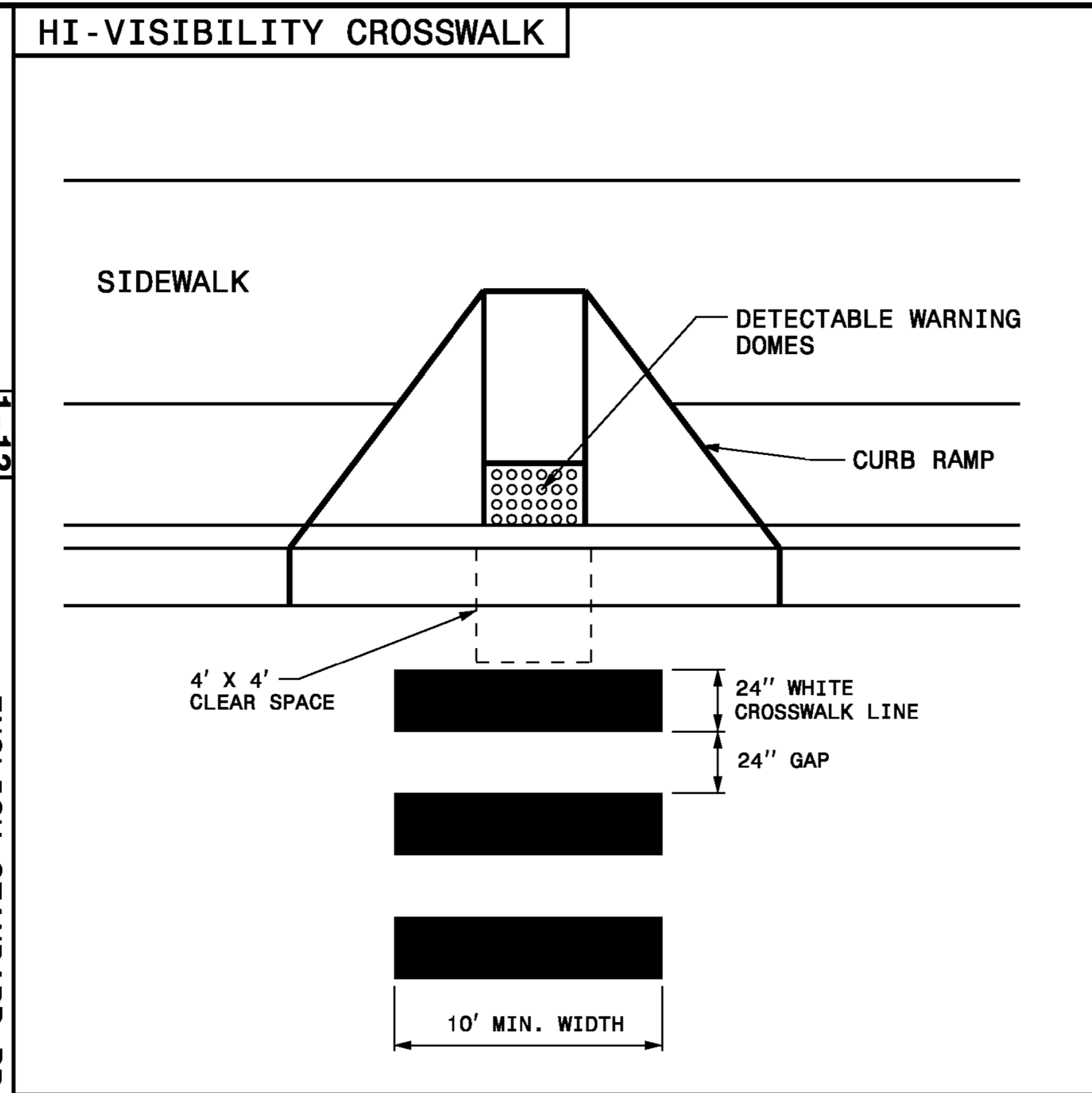
SHEET 3 OF 8
1205D08

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

1-12

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
PEDESTRIAN CROSSWALKS

SHEET 1 OF 1
1205.07



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

1-12

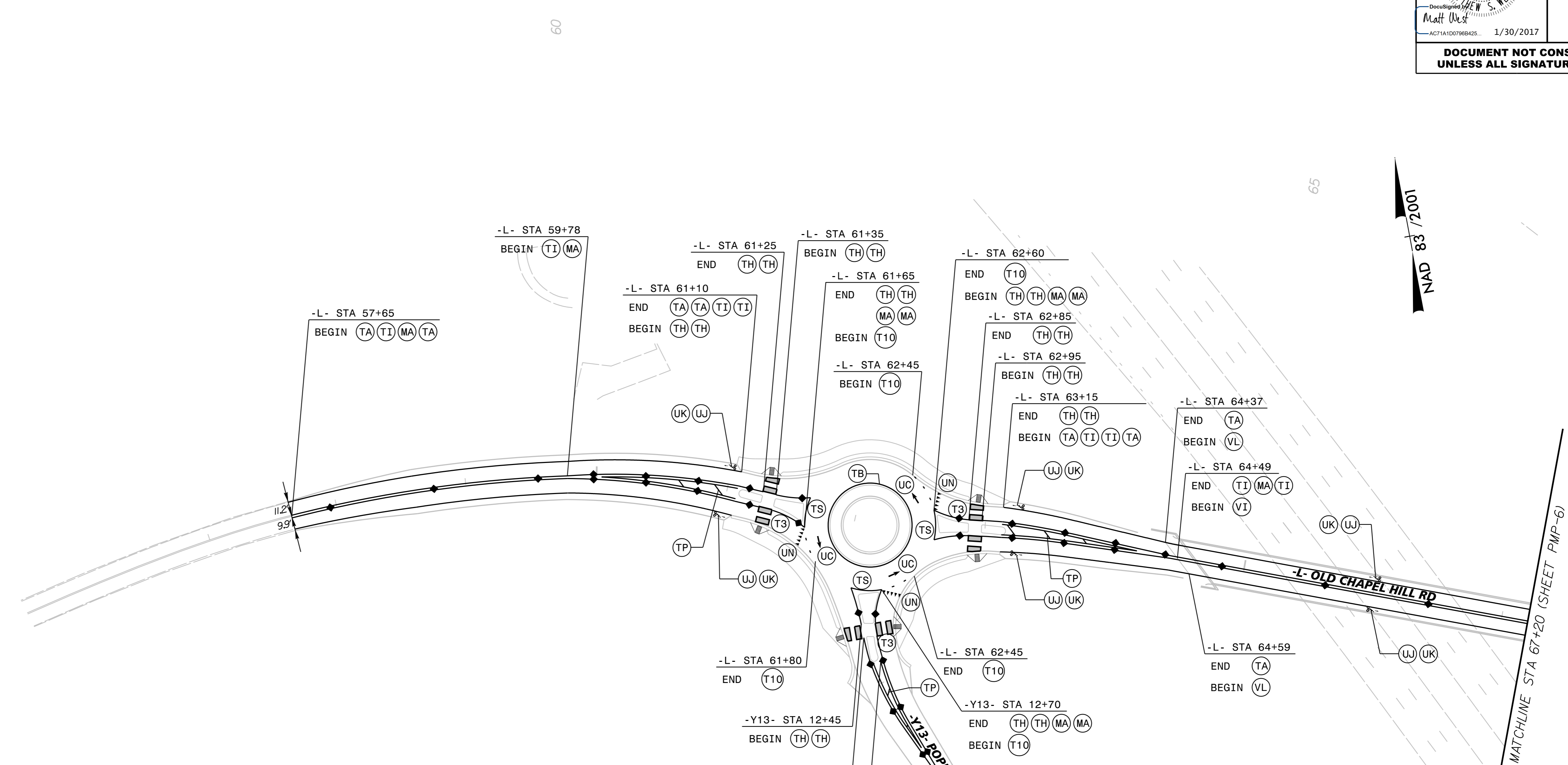
ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
PEDESTRIAN CROSSWALKS

SHEET 1 OF 1
1205.07

- 1- THE MINIMUM WIDTH OF STANDARD CROSSWALKS IS 6 FEET. THE MINIMUM WIDTH OF HI-VISIBILITY CROSSWALKS IS 10 FEET.
- 2- SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
- 3- BEYOND THE CURB FACE, A CLEAR SPACE OF 4' X 4' FEET MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
- 4- PLACE STOP BARS A MINIMUM OF 4 FEET FROM NEAREST CROSSWALK LINE. STOP BARS AT SIGNALIZED INTERSECTIONS SHOULD BE COORDINATED WITH THE SIGNAL DESIGN SECTION OR AS DIRECTED BY THE ENGINEER.
- 5- CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	CURB RAMP WITH DETECTABLE WARNING DOMES

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-5</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
TD - THERMOPLASTIC (4", 120 MILS)	3 FT. - 9 FT./SP WHITE MINISKIP
TE - THERMOPLASTIC (4", 120 MILS)	WHITE SOLID LANE LINE
TF - THERMOPLASTIC (4", 120 MILS)	10 FT. YELLOW SKIP
TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
T10 - THERMOPLASTIC (12", 120 MILS)	3 FT. - 3 FT./SP WHITE MINISKIP

PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
UB - THERMOPLASTIC (90 MILS)	RIGHT TURN ARROW
UC - THERMOPLASTIC (90 MILS)	STRAIGHT ARROW
UE - THERMOPLASTIC (90 MILS)	COMBINATION RIGHT TURN AND STRAIGHT ARROW
UI - THERMOPLASTIC (120 MILS)	ALPHANUMERIC CHARACTER
UJ - THERMOPLASTIC (90 MILS)	BICYCLE SYMBOL
UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
VI - POLYUREA (4")	YELLOW DOUBLE CENTER LINE

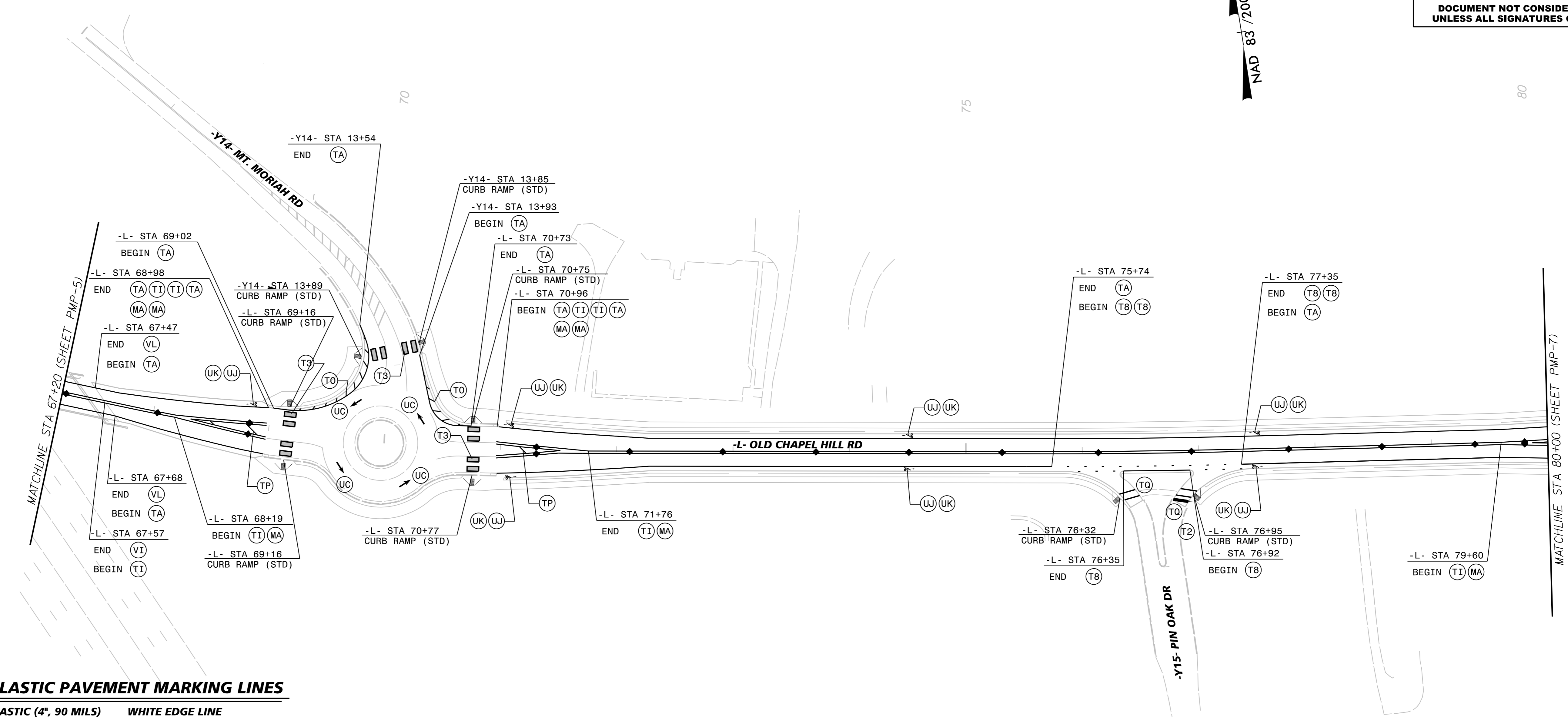
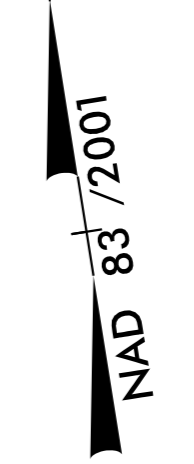
PAVEMENT MARKER SYMBOLS

MA - YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKER
MB - CRYSTAL & RED	PERMANENT RAISED PAVEMENT MARKER

PAVEMENT MARKER LEGEND	
	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE \$
1/30/2017

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-6</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	
1/30/2017 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
TD - THERMOPLASTIC (4", 120 MILS)	3 FT. - 9 FT./SP WHITE MINISKIP
TE - THERMOPLASTIC (4", 120 MILS)	WHITE SOLID LANE LINE
TF - THERMOPLASTIC (4", 120 MILS)	10 FT. YELLOW SKIP
TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
T10 - THERMOPLASTIC (12", 120 MILS)	3 FT. - 3 FT./SP WHITE MINISKIP

PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
UB - THERMOPLASTIC (90 MILS)	RIGHT TURN ARROW
UC - THERMOPLASTIC (90 MILS)	STRAIGHT ARROW
UE - THERMOPLASTIC (90 MILS)	COMBINATION RIGHT TURN AND STRAIGHT ARROW
UI - THERMOPLASTIC (120 MILS)	ALPHANUMERIC CHARACTER
UJ - THERMOPLASTIC (90 MILS)	BICYCLE SYMBOL
UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
VI - POLYUREA (4")	YELLOW DOUBLE CENTER LINE

PAVEMENT MARKER SYMBOLS

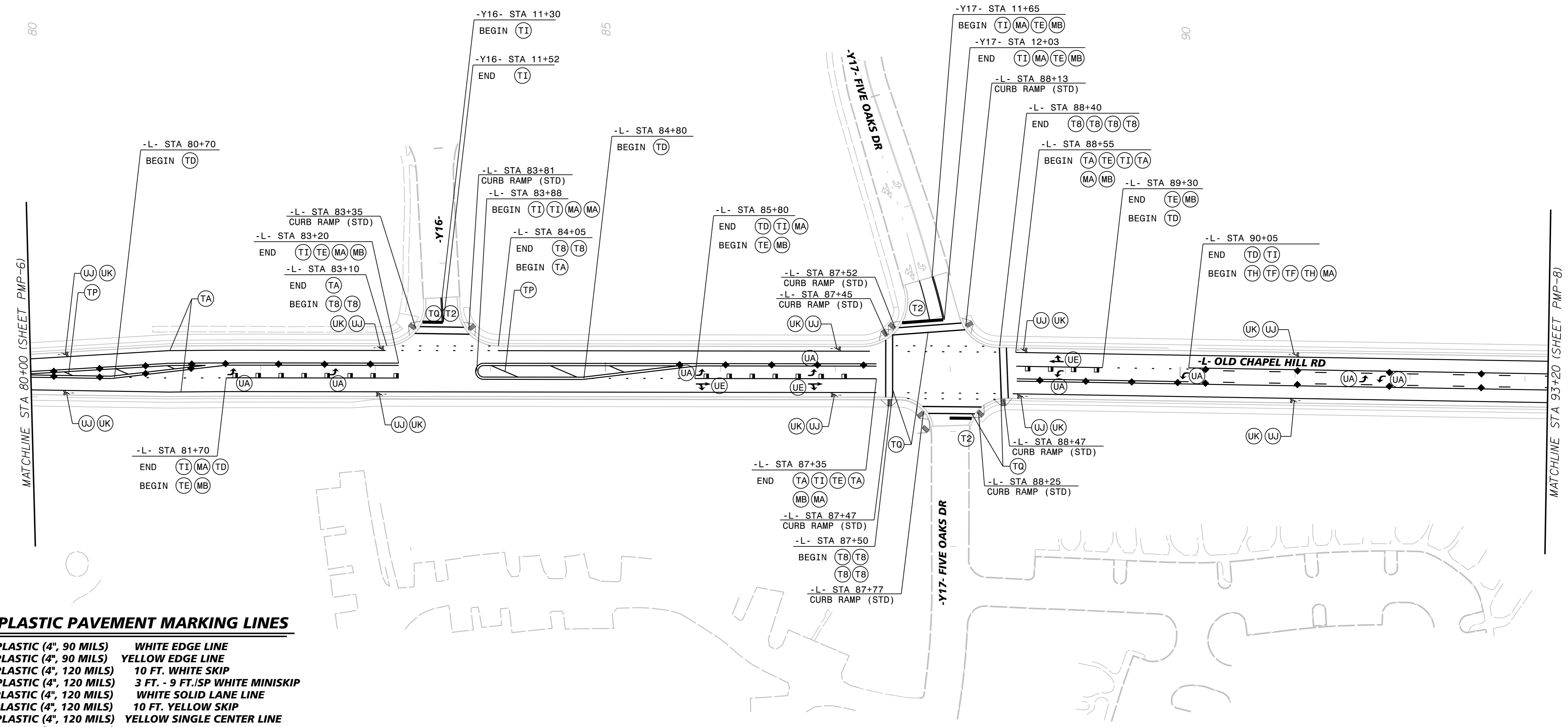
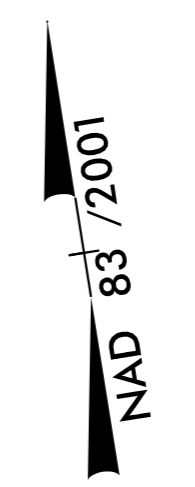
MA - YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKER
MB - CRYSTAL & RED	PERMANENT RAISED PAVEMENT MARKER

PAVEMENT MARKER LEGEND

	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE \$
1/30/2017

PROJECT REFERENCE NO. EB-4707B	SHEET NO. PMP-7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
TD - THERMOPLASTIC (4", 120 MILS)	3 FT. - 9 FT./SP WHITE MINISKIP
TE - THERMOPLASTIC (4", 120 MILS)	WHITE SOLID LANE LINE
TF - THERMOPLASTIC (4", 120 MILS)	10 FT. YELLOW SKIP
TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
T10 - THERMOPLASTIC (12", 120 MILS)	3 FT. - 3 FT./SP WHITE MINISKIP

PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
UB - THERMOPLASTIC (90 MILS)	RIGHT TURN ARROW
UC - THERMOPLASTIC (90 MILS)	STRAIGHT ARROW
UE - THERMOPLASTIC (90 MILS)	COMBINATION RIGHT TURN AND STRAIGHT ARROW
UI - THERMOPLASTIC (120 MILS)	ALPHANUMERIC CHARACTER
UJ - THERMOPLASTIC (90 MILS)	BICYCLE SYMBOL
UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
VI - POLYUREA (4")	YELLOW DOUBLE CENTER LINE

PAVEMENT MARKER SYMBOLS

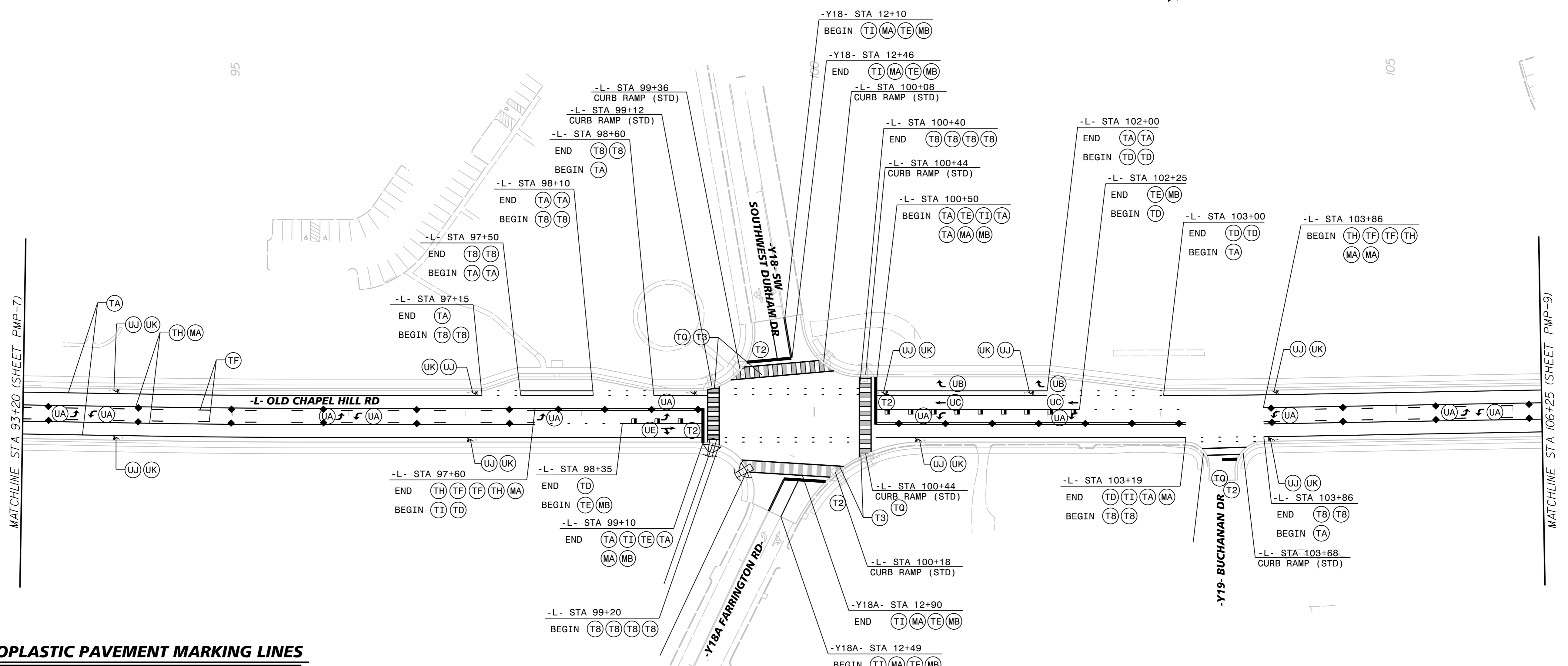
MA - YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKER
MB - CRYSTAL & RED	PERMANENT RAISED PAVEMENT MARKER

PAVEMENT MARKER LEGEND	
	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE\$
1/30/2017

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-8</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
1/30/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83 / 2001



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
TD - THERMOPLASTIC (4", 120 MILS)	3 FT. - 9 FT./SP WHITE MINISKIP
TE - THERMOPLASTIC (4", 120 MILS)	WHITE SOLID LANE LINE
TF - THERMOPLASTIC (4", 120 MILS)	10 FT. YELLOW SKIP
TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
T10 - THERMOPLASTIC (12", 120 MILS)	3 FT. - 3 FT./SP WHITE MINISKIP

PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
UB - THERMOPLASTIC (90 MILS)	RIGHT TURN ARROW
UC - THERMOPLASTIC (90 MILS)	STRAIGHT ARROW
UE - THERMOPLASTIC (90 MILS)	COMBINATION RIGHT TURN AND STRAIGHT ARROW
UI - THERMOPLASTIC (120 MILS)	ALPHANUMERIC CHARACTER
UJ - THERMOPLASTIC (90 MILS)	BICYCLE SYMBOL
UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
VI - POLYUREA (4")	YELLOW DOUBLE CENTER LINE


PAVEMENT MARKER SYMBOLS

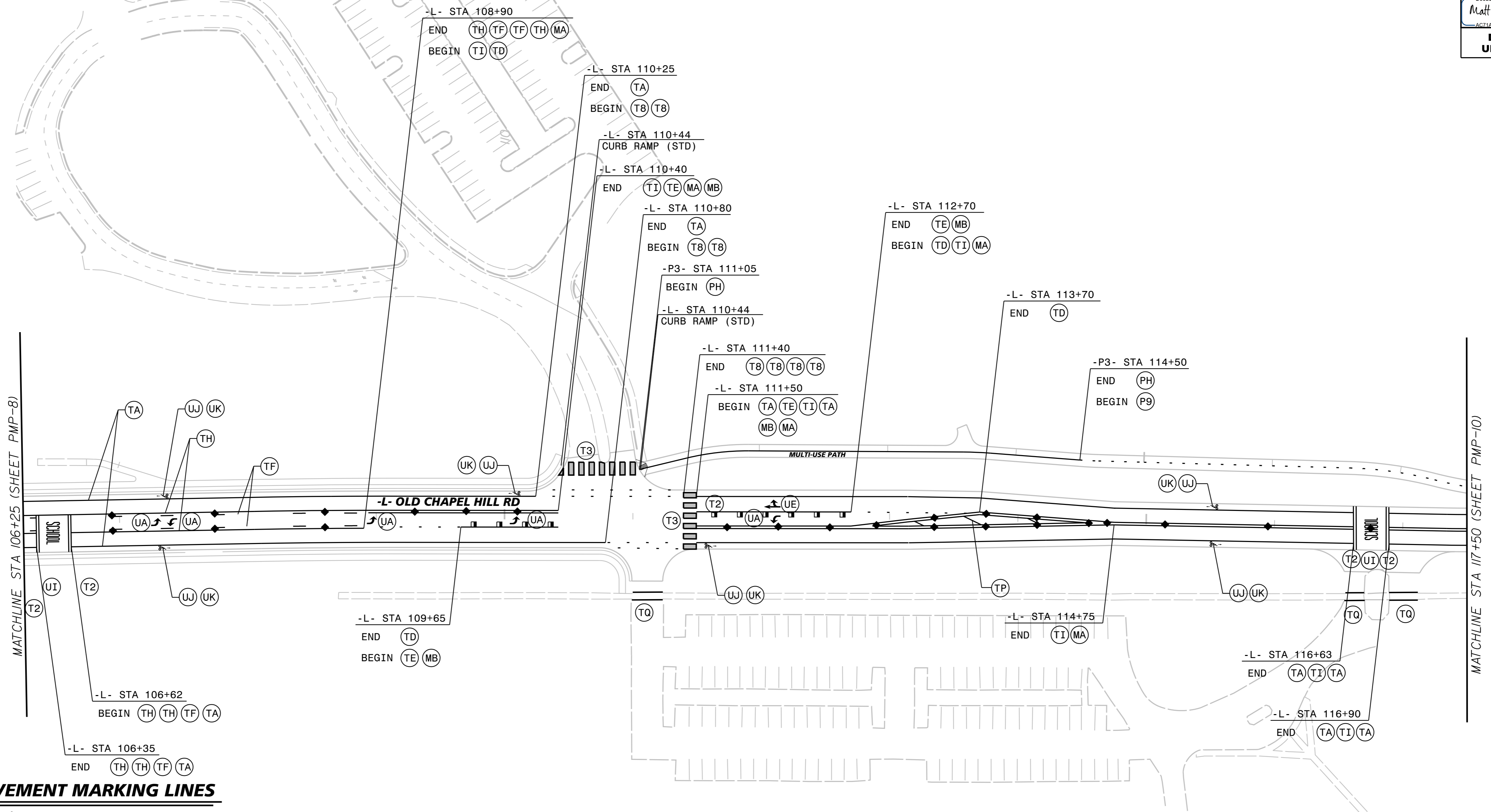
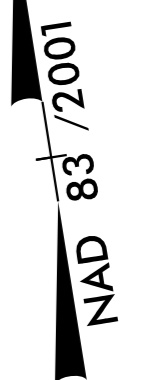
MA - YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKER
MB - CRYSTAL & RED	PERMANENT RAISED PAVEMENT MARKER

PAVEMENT MARKER LEGEND

	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE \$
1/30/2017

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-9</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
DocuSigned by: <i>Matt West</i>	1/30/2017
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
TD - THERMOPLASTIC (4", 120 MILS)	3 FT. - 9 FT./SP WHITE MINISKIP
TE - THERMOPLASTIC (4", 120 MILS)	WHITE SOLID LANE LINE
TF - THERMOPLASTIC (4", 120 MILS)	10 FT. YELLOW SKIP
TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
T10 - THERMOPLASTIC (12", 120 MILS)	3 FT. - 3 FT./SP WHITE MINISKIP

PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
UB - THERMOPLASTIC (90 MILS)	RIGHT TURN ARROW
UC - THERMOPLASTIC (90 MILS)	STRAIGHT ARROW
UE - THERMOPLASTIC (90 MILS)	COMBINATION RIGHT TURN AND STRAIGHT ARROW
UI - THERMOPLASTIC (120 MILS)	ALPHANUMERIC CHARACTER
UJ - THERMOPLASTIC (90 MILS)	BICYCLE SYMBOL
UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
VI - POLYUREA (4")	YELLOW DOUBLE CENTER LINE

PAVEMENT MARKER SYMBOLS

MA - YELLOW & YELLOW	PERMANENT RAISED PAVEMENT MARKER
MB - CRYSTAL & RED	PERMANENT RAISED PAVEMENT MARKER

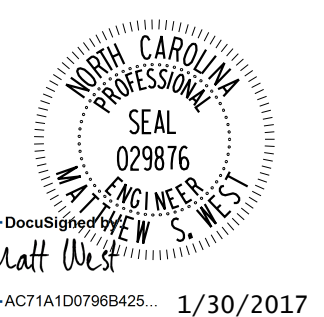
PAVEMENT MARKER LEGEND	
	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

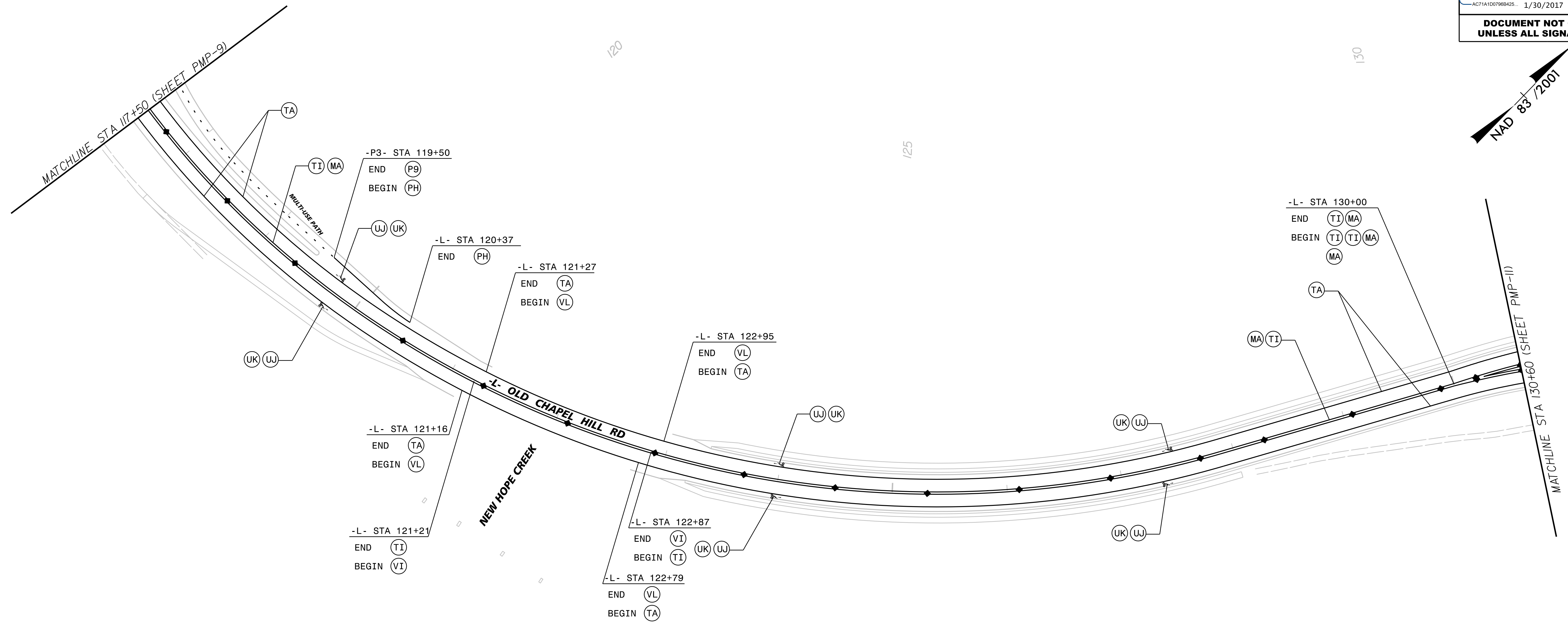
\$ FILE\$ 1/30/2017

Kimley»Horn

P.O. BOX 33068
RALEIGH, N.C. 27636-3068

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-10</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
TC - THERMOPLASTIC (4", 120 MILS)	10 FT. WHITE SKIP
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TH - THERMOPLASTIC (4", 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
TQ - THERMOPLASTIC (8", 120 MILS)	WHITE CROSSWALK LINE
TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
T2 - THERMOPLASTIC (24", 120 MILS)	WHITE STOP BAR
T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
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PAVEMENT MARKING SYMBOLS

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UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
UP - THERMOPLASTIC (90 MILS)	MERGE ARROW

PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
P9 - PAINT (4")	2 FT. - 6 FT./SP YELLOW MINISKIP

POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
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PAVEMENT MARKER SYMBOLS

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PAVEMENT MARKER LEGEND	
	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE\$
1/30/2017

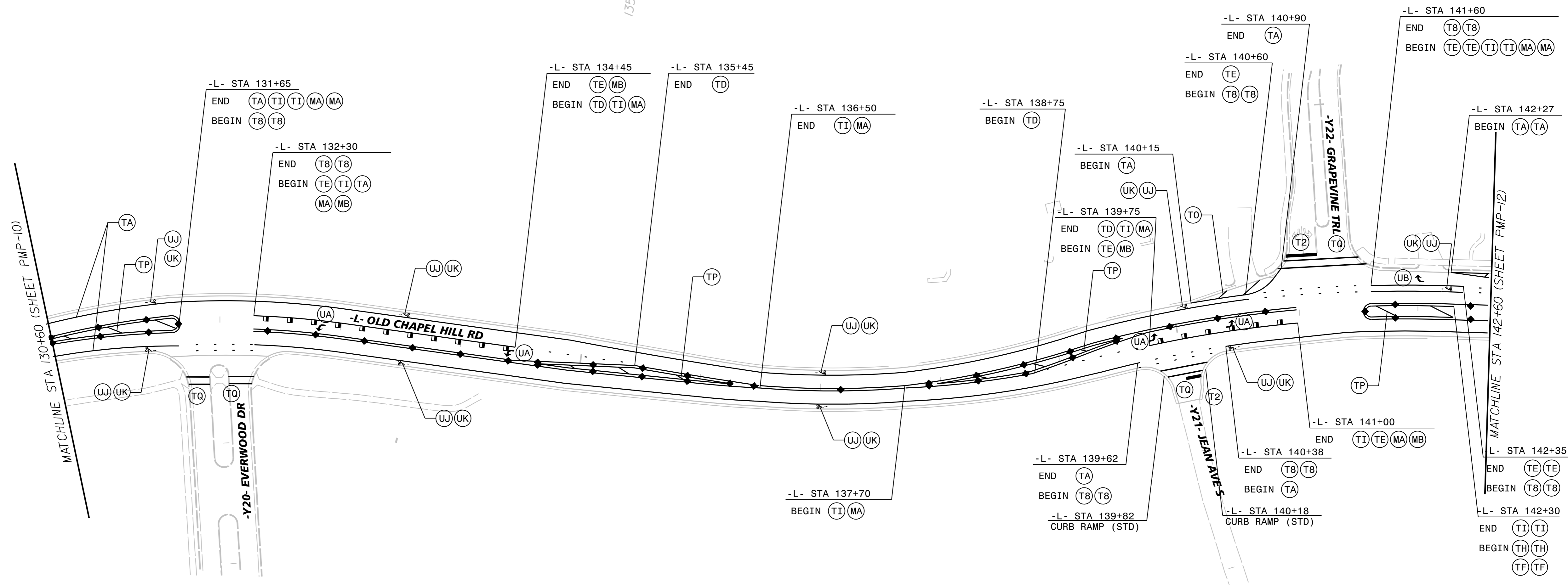
Kimley»Horn

P.O. BOX 33068
RALEIGH, N.C. 27636-3068

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO. EB-4707B	SHEET NO. PMP-II
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

TA - THERMOPLASTIC (4", 90 MILS)	WHITE EDGE LINE
TB - THERMOPLASTIC (4", 90 MILS)	YELLOW EDGE LINE
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TI - THERMOPLASTIC (4", 120 MILS)	YELLOW DOUBLE CENTER LINE
TO - THERMOPLASTIC (8", 90 MILS)	WHITE DIAGONAL
TP - THERMOPLASTIC (8", 90 MILS)	YELLOW DIAGONAL
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TS - THERMOPLASTIC (12", 90 MILS)	WHITE GORELINE
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T3 - THERMOPLASTIC (24", 120 MILS)	WHITE CROSSWALK LINE
T8 - THERMOPLASTIC (4", 120 MILS)	2 FT. - 6 FT./SP WHITE MINISKIP
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PAVEMENT MARKING SYMBOLS

UA - THERMOPLASTIC (90 MILS)	LEFT TURN ARROW
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UK - THERMOPLASTIC (90 MILS)	BICYCLE STRAIGHT ARROW
UN - THERMOPLASTIC (90 MILS)	24" YIELD LINE TRIANGLE
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PAINT PAVEMENT MARKING LINES

PH - PAINT (4")	YELLOW SINGLE CENTER LINE
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POLYUREA PAVEMENT MARKING LINES

VL - POLYUREA (6")	WHITE SOLID LANE LINE
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PAVEMENT MARKER SYMBOLS

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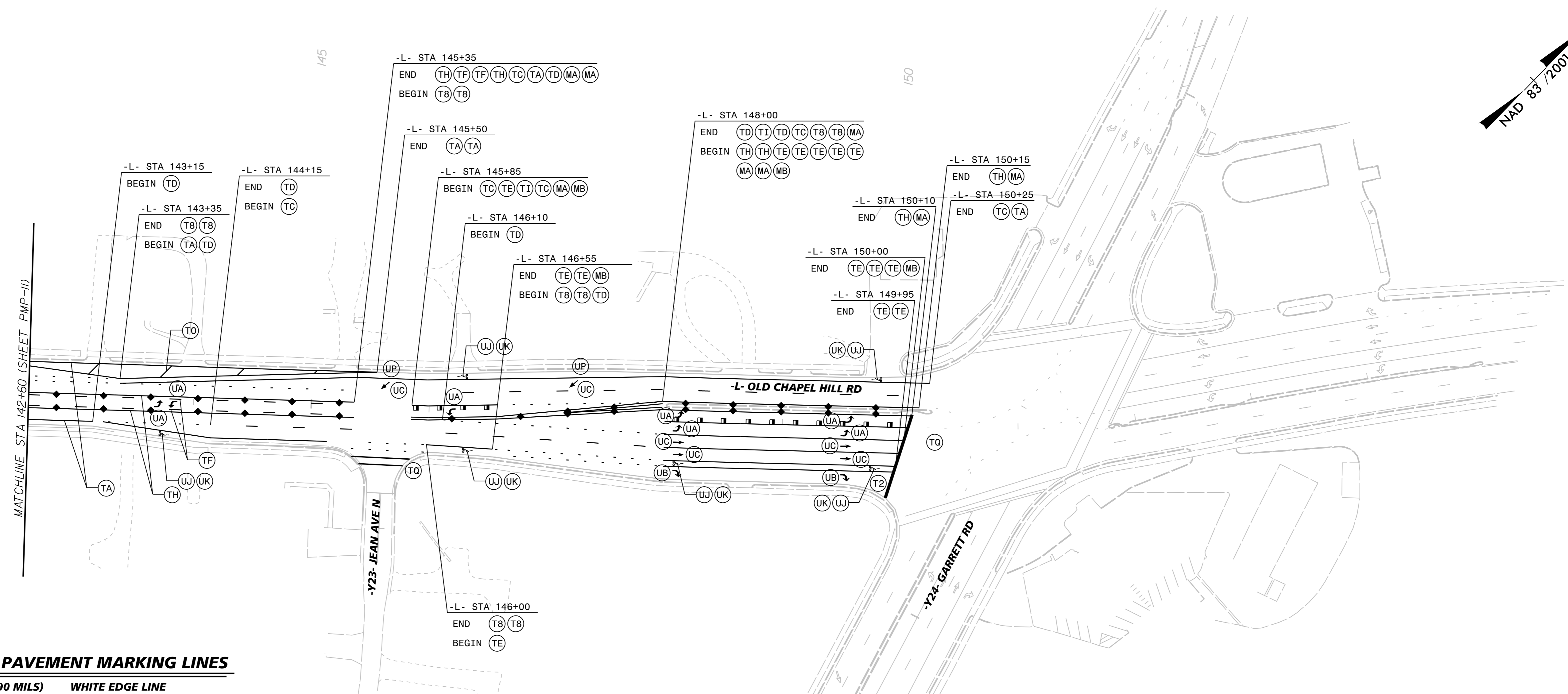
PAVEMENT MARKER LEGEND

	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE \$

1/30/2017

PROJECT REFERENCE NO. <i>EB-4707B</i>	SHEET NO. <i>PMP-12</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
DocuSigned by: Matt West 1/30/2017 <small>AC71A1D0796B425</small>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



THERMOPLASTIC PAVEMENT MARKING LINES

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PAVEMENT MARKER LEGEND	
	CRYSTAL / RED PAVEMENT MARKER
	YELLOW / YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW

\$ FILE\$ 1/30/2017